UNITED STATES OF AMERICA

+ + + + +

SURFACE TRANSPORTATION BOARD

+ + + + +

PUBLIC HEARING

-----X

IN THE MATTER OF: :

:

COMPETITION IN THE : Docket No.

RAILROAD INDUSTRY : EP 705

-----X

Thursday,

June 23, 2011

Surface Transportation

Board

Suite 120

395 E Street, S.W.

Washington, D.C.

The above-entitled matter came on for hearing, pursuant to notice, at 8:30 a.m.

BEFORE:

DANIEL R. ELLIOTT III Chairman

ANN D. BEGEMAN Vice Chairman FRANCIS P. MULVEY Commissioner

APPEARANCES:

On Behalf of the State of Louisiana:

DAVID VITTER, U.S. Senator

516 Hart Senate Office Building
Washington, D.C. 20510

(202) 224-4623

On Behalf of the State of Minnesota:
AL FRANKEN, U.S. Senator
309 Hart Senate Office Building
Washington, D.C. 20510
(202) 224-5641

On Behalf of Ameren Corporation:

JAMES A. SOBULE, Esq.
One Ameren Plaza
1901 Chouteau Avenue
P.O. Box 66149, MC 1310
St. Louis, MO 63166-6149
(314) 554-2276

On Arkansas Electric Cooperative Corporation:

JONATHAN OLIVER, P.E.

1 Cooperative Way
P.O. Box 194208
Little Rock, AR 72219-4208
(501) 570-2488

On Behalf of Omaha Public Power

District:

THOMAS W. WILCOX
of: GKG Law, P.C.
1054 31st Street, N.W.
Suite 200
(202) 342-5248

Neal R. Gross & Co., Inc. 202-234-4433

On Behalf of CONSOL Energy, Inc.:

CHRISTOPHER T. MARSH

3800 Newgate Avenue

Baltimore, MD 21224-6404

(410) 631-6426

On Behalf of Hub Group, Inc.:

DAVID P. YEAGER

3050 Highland Parkway

Suite 100

Downers Grove, IL 60515

(630) 271-3600

On Behalf of Intermodal Association of North America, Inc.:

STEVE RUBIN

11785 Beltsville Drive

Suite 1100

Calverton, MD 20705-4048

(609) 986-0214

On Behalf of Arkema, Inc.:

JOHN O'LEARY

900 First Avenue

King of Prussia, PA 19406-1308

(610) 205-7677

On Behalf of The Dow Chemical Company:

JEFF J. BAKER

2020 Dow Center

Midland, MI 48674

(989) 638-5345

On Behalf of E.I. du Pont de Nemours and Company:

KEITH SMITH

of: DuPont Sourcing & Logistics
4417 Lancaster Pike
Barley Mill Plaza 22/1320
Wilmington, DE 19805
(302) 992-4221

On Behalf of Occidental Chemical Corporation:

ROBIN A. BURNS 5005 LBJ Freeway Suite 2200 P.O. Box 809050 Dallas, TX 75244-6119 (972) 404-3305

On Behalf of Olin Corporation:

JOHN L. MCINTOSH
190 Carondelet Plaza
Suite 1530
Clayton, MO 63105-7406
(314) 480-1407

On Behalf of PPG Industries, Inc.:

MICHAEL H. MCGARRY

Monroeville Chemicals Center
440 College Park Drive

Monroeville, PA 15146

(724) 325-5982

On Behalf of BNSF Railway Company:

JOHN P. LANIGAN

P.O. Box 961051

Fort Worth, TX 76161-2830

(817) 867-6400

RICHARD E. WEICHER

547 West Jackson

Suite 1509

Chicago, IL 60661-5717

(312) 850-5679

On Behalf of Norfolk Southern Railway Company:

MARK A. MANION

Three Commercial Place

Norfolk, VA 23510-2191

757-629-2680

JAMES A. HIXON, Esq.

Three Commercial Place

Norfolk, VA 23510-2191

757-629-2680

On Behalf of Diversified CPC

International, Inc.:

WILLIAM A. FRAUENHEIM, III

24338 W. Durkee Road

Channahon, IL 60410

(815) 424-2000

On Behalf of M&G Polymers USA, LLC:

FRED J. FOURNIER

450 Gears Road

Suite 240

Houston, TX 77067

(281) 874-8076

On Behalf of United States Gypsum Company:

GEORGE T. MACKO 550 West Adams Street Chicago, IL 60661 (312) 436-4176

On Behalf of Wisconsin Central Group:

JOHN DUNCAN VARDA

of: DeWitt Ross & Stevens, S.C.

Two East Mifflin Street

Suite 600

Madison, WI 53703-2865

(608) 252-9311

On Behalf of The Mercury Group:

CRAIG DICKMAN

of: Breakthrough Fuel
400 S. Washington St.
Green Bay, WI 54301
(920) 617-3078

On Behalf of CNJ Rail Corp.:

ERIC STROHMAIER
81 Century Lane
Watchung, NJ 07069
(908) 361-2435

	Page 7
C-O-N-T-E-N-T-S	
Page	
Opening Remarks	
Chairman Daniel Elliott	10
Panel I	
Ameren Corporation	
James A. Sobule	12
The State of Louisiana	
Senator David Vitter	23
Arkansas Electric Cooperative Corporati	ion
Jonathan Oliver	34
Omaha Public Power District	31
Thomas W. Wilcox	46
	F-2
Q&A	53
Panel II	
CONSOL Energy Inc.	
Christopher T. Marsh	72
Hub Group, Inc.	
David P. Yeager	74
Intermodal Association of North America	
Steven Rubin	79
Q&A	86
Panel III	
Arkema, Inc.	
John O' Leary	98
The Dow Chemical Company	
Jeff Baker	109

	Page 8
C-O-N-T-E-N-T-S	
Page	
E.I. du Pont de Nemours and Company	
Keith Smith	115
Occidental Chemical Corporation	
Robin A. Burns	126
Olin Corporation	
John L. McIntosh	138
PPG Industries, Inc.	
Michael H. McGarry	148
A&Q	155
Panel IV	
BNSF Railway Company	
John P. Lanigan (accompanied by	counsel
Richard E. Weicher)	194
Norfolk Southern Railway Company	
Mark A. Manion	205
James A. Hixon	213
Q&A	214
Panel V	
Diversified CPC International, Inc.	
William A. Frauenheim, III	251
M&G Polymers USA, LLC	
Fred J. Fournier	262
United States Gypsum Company	
George T. Macko	272
The State of Minnesota	
Senator Al Franken	278

	Page 9
C-O-N-T-E-N-T-S	
Page	
United States Gypsum Company	
George T. Macko (continued)	288
Q&A	295
Panel VI	
Wisconsin Central Group	
John Duncan Varda	309
The Mercury Group	
Craig S. Dickman	318
CNJ Rail Corp	
Eric Strohmeyer	330
	222
Q&A	333
Adjourn	

Neal R. Gross & Co., Inc. 202-234-4433

1 P-R-O-C-E-E-D-I-N-G-S

2 8:30 a.m.

CHAIRMAN ELLIOTT: Good morning.

Welcome to the second day of the hearing.

Good to see the crowd coming back, and just a

few procedural matters before we get started.

I thought we had a really good day yesterday of useful testimony and some good questions and answers, so hopefully we'll have more of the same today.

First of all and most importantly,

I want to warn everyone about the chairs that

you're sitting in at the present time.

There's a lever on the side, I believe, so if

you hit that lever, you're going to go right

down, but it's very easy to get back up.

Don't panic. All you have to do is take a little pressure off and hit the lever and it will go back up. I do it all the time up in our boardroom, and it's, I know, very embarrassing when it does happen.

Second, if you have a PowerPoint,

just a reminder, we ask you, if you have not done so already, to submit that to the Office of Proceedings so that we can make it part of the record, two copies.

You can do that I think electronically also, if that poses a problem for you to do it today, or you can mail it.

Also, the lights, for those of you who haven't been here before, a yellow light will come on when you have one minute to go.

You'll have a green light throughout.

When the yellow light comes on, you'll have the warning. Red light will come on, that means your time is up.

Don't stress out too much. As a former practitioner, I know that's a stressful thing. We won't scream at you if you go a few minutes over or a few seconds over, but don't push it.

Anyhow, we'll start off with our first panel of the day, and we'll begin with Ameren Corporation.

1 Mr. Sobule, you have ten minutes.

MR. SOBULE: Thank you.

Good morning, Chairman Elliot,
Vice Chairman Begeman, and Commissioner
Mulvey. My name is James Sobule. I am Vice
President Deputy General Counsel for Ameren.

On behalf of Ameren, I'd like to thank the Board for taking comments and holding this very important hearing on competition in the railroad industry.

Ameren's the fifth largest consumer of coal in the United States, consuming approximately 39 million tons annually, and is the largest purchaser of Powder River Basin coal. Ameren owns or leases approximately 7,500 rail cars and spends approximately \$650 million annually on rail transportation alone.

Rail transportation costs are approximately 55 percent of the total delivered cost of coal to Ameren's plants.

Ameren began spending millions of

dollars converting its power plants from high sulphur Illinois Basin coal to low sulfur PRB coal in the 1990s in response to the Clean Air Act.

While the PRB is roughly ten times further from the Ameren plants than the Illinois Basin coal fields, the competition amongst the railroads at that time provided competitive rail rates that resulted in the use of PRB coal being more economical than using Illinois Basin coal when you added the coast of emission controls.

As Ameren expanded its use of PRB coal, the rail rates continued to drop as a result of competition at that time between the Western Rail carriers until about 2004. At that time, there was a marked change in the competitiveness of the Western Rail carriers, which resulted in rates dramatically increasing.

Prior to 2004, Ameren found that the Western carriers were interested in

securing additional business and would compete vigorously to maintain or be rewarded new traffic.

Rail rates gradually decreased from the time that Ameren commenced using PRB coal in the 1990s, largely due to the non-incumbent competing railroad taking contracts as they came due by offering lower rates or the incumbent carrier reducing its rates to keep the building.

As shown on the graph which is in our written testimony, Ameren's rail rates increased dramatically after 2004. Starting in 2004, Ameren found a very different competitive environment among the Western railroads. Railroads appeared to be no longer interested in acquiring coal traffic that was being hauled by the competing carrier.

In every instance from 2004 to 2010, when Ameren issued bids for rail quotes for the UP and BNSF competitive rail supply plants, not a single one of the plants

primarily using PRB coal at that time changed carriers as a result of these requests for rates.

In other words, the railroad that was shipping the PRB coal at the time of contract renewal retained the business.

The non-incumbent railroads at the time of the quote or pricing tariff quoted a rate which was on average 43 percent higher than the rate of the incumbent railroad.

Because the non-incumbent rate or pricing tariff on average was 43 percent higher than the incumbent rate, the incumbent railroad was able to consistently impose a substantial increase from the prior rate.

Through this 2004 to 2010 time frame, the incumbent carrier was able to propose rate increases to Ameren that were up to an 87 percent increase at the time of contract renewal.

Another phenomenon which began occurring after 2004 was what Ameren refers to

as non-responsive bidding. These are carrier responses to rate requests, which indicated to us that the carrier was really not interested in the business.

These types of bids include no responses, responses which imposed extreme, one-sided contract conditions, or which varied materially from Ameren's bid parameters.

During this time frame, Ameren received five of these non-responsive types of bids.

Another type of non-responsive bid is the refusal to quote to a non-physical point. Prior to 2004, Ameren was very active in acquiring and building competitive rail access to its power plant.

Ameren's been very supportive of self-help measures and shipper investment in rail transportation infrastructure. In fact, Ameren believes it's been one of the most active shippers in undertaking such self-help measures.

Since 1990, Ameren has constructed

four build-outs at our plants to allow second rail carrier access and also from three short-line railroads. Ameren also purchased a rail line and built numerous barge facilities to allow competitive access to three additional plants.

These facilities were often built by obtaining a favorable rate prior to construction from the competing carrier, which justified the significant investment.

However, after 2004, Ameren found that both the Western carriers had adopted a policy of not quoting to non-physical points.

In other words, the railroads would not quote if the physical track had not been built.

This further stifled competitive alternatives, as a shipper is unlikely to invest in new facilities if the rate at the time that they're going to get for doing that is unknown.

I'd also like to take a minute to quickly address a theme that was raised by AAR

yesterday in their testimony regarding the value of this proceeding.

We recently heard a similar theme from a railroad in another active docket, and I can assure that Ameren does not view either of those dockets as a waste of resources. We think it's very valuable use of time.

I also want to respond to a few comments made in the May 27th reply comments. The UP stated that shippers have stopped pursuing build-outs because they believe the Board will provide regulatory benefits at a lower cost in the build-out.

I will state emphatically, that's not the reason that Ameren stopped pursuing the build-outs. It's the reason I stated earlier.

UP's reply comments also address the Duck Creek build-out, which the Board is aware, Ameren built in 2005. While the UP did receive some traffic under the build-out, after it was completed, the UP refused to

quote a rate until the physical turnout was installed.

Then, in 2007, Ameren had to fight to protect its build-out investment in the proceedings before the Board when the BNSF sought to undermine the benefit of the build-out by actually leasing the BNSF track to the same carrier to which the build-out was made.

Fortunately, the Board saw this and agreed with Ameren and prohibited the proposed railroad transaction.

Ameren would also like to provide some experience in relation to BNSF's witness statement that assertions that some coal shippers that, after 2004, no coal business has shifted between BNSF and UP, are categorically false.

Obviously, we can't speak for all the shippers, and we can't view UP's highly confidential material that they submitted in support of this statement.

However, I can speak to Ameren's

experience from 2004 to 2010, and will once again emphasize that we issued bids for rail quotes for 10 of our competitive rail supply plants, and not a single one of those plants changed carriers as a result of these requests. Very different than the pre-2004 experience.

In addition to rate increases, at the same time, the railroads began imposing mandatory fuel surcharges. Ameren, as you know, has filed comments in the STB proceeding on rail fuel surcharges, and Ameren believes that the diesel fuel surcharges, in combination with the fuel amount that's already embedded in the rates, are allowing for over-recovery of fuel costs for the railroads.

Ameren also notes that both the UP and BNSF address as part of the reply that no regulatory changes are needed because shippers who believe they are being charged unreasonable rates have an avenue of relief at

1 the Board.

That's exactly what Ameren would like for all shippers, including Ameren at its plants where it is invested in self-help infrastructure investments such as build-outs or barging facilities, the right to have a backstop of relief to the Board if the railroad charges or attempts to charge unreasonable rates.

You had wanted some suggestions, and I will give you those now. We've got three of those.

Ameren offers these three suggestions: one, competitive shippers are not currently protected by the STB under the assumption that competition among carriers will protect shippers with competitive options.

However, since 2004, this has not been the case, as I have mentioned. As competitive rates have often approached or surpassed the 180 percent of variable cost

jurisdictional thresholds set for captive

shippers, the STB should move to interpret the

statute, which they can, so that if any rate

exceeds this threshold, that rate, prima

facie, demonstrates there's a clear lack of

effective competition, which could be

challenged under STB rate guidelines.

The bar for -- number two, the bar for revenue adequacy is currently set too high to provide meaningful guidance to rail rate issues. This is demonstrated by the fact -- and we heard some testimony on this yesterday -- that railroad financial performance and stock price have remained high -- I'm going to take about a minute here -- despite the recession.

Privatization of the BNSF is another indicator of railroad financial success.

And third is that railroad fuel surcharge recovery should be transparent. The STB should use the cost data collected from

the railroads to determine if fuel surcharges are allowing accurate recovery of the railroad's fuel costs.

Thank you again, Commissioners, for the opportunity for Ameren to provide this testimony today on competition in the railroad industry, and we stand ready to assist any way we can.

CHAIRMAN ELLIOTT: Thank you.

We have a Senator approaching,

Senator Vitter, so why don't we move the panel

up and we'll just make a little time for him,

due to his busy schedule.

Good morning, Senator Vitter. You have the floor, and if you run over, Ann's going to tell you to stop.

SENATOR VITTER: Well, good morning, Mr. Chairman. You're very kind. Everybody's busy, but you're very kind to fit me into the schedule so easily.

And Mr. Chairman and members, I am

David Vitter. I represent the State of

Louisiana and the U.S. Senate. Thank you for initiating this proceeding to examine the level of competition in the national freight rail system and for providing me the opportunity to visit with you briefly today.

My concern today is those rail customers that are rail-dependent shippers.

These customers, for a variety of reasons, can't use truck transportation economically, and don't have available water transport.

And for these rail-dependent customers, there's really no available transportation competition unless they have access to a competing major railroad for at least a part of their transportation route.

In Louisiana, these rail-dependent shippers include many of our chemical plants, some of our coal-fired electric generating plants, some agriculture manufacturing, forest and paper products.

So it's a significant part of our economy in several different sectors. And

their inability to access competing railroads means that these rail customers are likely to pay much higher railroad rates often to significant economic detriment, and they often, quite frankly, receive poor or indifferent service because of this as well.

I understand that the record in this proceeding contains a number of very specific and powerful examples of this, and I want to mention two specific ones in

First, the city of Lafayette in Louisiana is a town of about 120,000 people in the heart of the southwest area of my state known as Acadiana.

It has a municipal electric utility that obtains its power from a coalfired electric plant located in central Louisiana.

The plant uses Powder River Basin coal from Wyoming to generate electricity, and the coal is transported to the power plant in

Louisiana via unit trains and cars owned and maintained by the city utility.

Only one of the two major freight railroads serving the Western portion of the US serves the power plant, although, and this is very significant and powerful to me, access to the second major freight railroad through a large regional carrier is physically available about 20 miles away.

If the city could obtain a rate from its rail carrier for the movement between the switching point with the large regional carrier and the plant, the city would have a chance for competitive rail transportation for all but the last 20 of its 1500-mile coal movement.

However, the rail carrier serving the plant refuses to provide a rate between this point of competition and the plant, thus making the entire 1500-mile movement of the coal to the power plant captive to that single railroad.

According to Congressional testimony by the manager of the city utility system, this 1500 miles of captive coal movement is a tax on a typical household of four in Lafayette of about \$200 a year, and on the Lafayette school system of about \$1.2 million a year.

This tax on the people of

Lafayette and the misallocation of our school

funds could be avoided if the railroads were

required to provide a so-called bottleneck

rate to their customers to move their goods to

or from a point where the customer would have

access to a second, competing railroad.

This is the way deregulation is supposed to work. It's supposed to result in competitive options. But, because of current regulations, railroads would be required to allow their customers access -- but for those current regulations, railroads would be required to allow access to competing rail systems.

Today, you're also hear an example from PPG Industries, a chemical producer with plenty of facilities in Louisiana, about the inflated freight rates paid on shipments from Lake Charles, Louisiana to La Porte, Texas.

The ability of one railroad to block access to another railroad has resulted in 50 percent higher rail rates for captive movements from Louisianan to Texas, compared to that of similar movements within Texas.

This is another real world example of how accessible reciprocal switching would restore competitive access by giving PPG the option of using a different carrier. This also serves as yet another example of how railroads have been able to protect themselves from competitive markets through the current regulatory policy.

Mr. Chairman, the Board asks if there is a lack of rail-to-rail competition in the rail industry. The testimony filed in this proceeding trumpets what many of us know

from talking to our constituents for raildependent shippers like the two I've
described. There is currently very little
rail-to-rail competition in the national
freight rail system.

Your record is already replete
with statements indicating the adverse effects
of this lack of competition on individual
companies and persons and local economies,
American exports, our national economy, and
American jobs.

It's important that the Board not only find that there is a lack of rail-to-rail competition, but also that the current regulations and interpretation of law are part of that problem that must be changed.

Indeed, in a network industry like the national freight rail system, it's very hard to imagine how competitive options can exist for rail-dependent shippers, unless the regulatory program allows rail customers access to other railroads in the network.

1 Finally, Mr. Chairman and members,

I want to leave you with two more brief thoughts. First, on competition issues, the regulatory program today essentially protects railroads from rail-to-rail competition, not rail customers from railroad monopoly power.

This program, in my opinion, has become a classic case of regulations protecting the regulated industry more than the customers of that industry who were the intent of the original protection.

Rail-dependent shippers do not have access to the rail-to-rail competition that they were promised in the Staggers Rail Act, and the rail industry is being protected from operating in the competitive environment that it told Congress it wanted when Congress enacted that in 1980.

As a result, the rail industry is now financially healthy, but the balance between the interest of railroads and shippers that Congress intended in the Staggers Act is

1 missing.

Second, I'm aware that the railroads are making the argument that any changes in the current regulatory system could result in their failure to invest in their own infrastructure.

Mr. Chairman, I simply don't accept this when the proposition is moving an industry from its protected, regulation-based system to a competitive system. Your proposals in ex parte number 705 propose to remove the barriers to competition and move the railroads into a more competitive environment.

Of course, the railroads are also arguing that somehow removing regulatory barriers that prevent rail customers from having access to another railroad system is quote "re-regulation," close quote. That, too, is novel to me, and simply isn't the case.

The railroads asked Congress in

1980 to allow them to compete in the transportation marketplace, rather than be required to obtain prior approval for almost all of their actions from a federal regulatory body.

The railroads got what they asked for, and by the way, I support that, but then persuaded your predecessors to adopt regulatory interpretations that shield them from a lot of competition.

Today, our national interest will be served if the railroads must compete with each other as well as trucks, water transport, and other modes of transportation.

I, for one, am confident that the railroads will continue to invest in their own systems, even if they must participate in a competitive transportation marketplace. In fact, that will be all the more reason for them to have to continue to invest.

You have the authority under current law to make changes to your policies

just as other regulatory agencies do, so I ask
you humbly, Mr. Chairman, and members, to
remove the railroad industry's undue
protections from competition by adopting procompetitive rules on those issues identified
in this proceeding.

Thank you very much for the invitation to appear. Thanks for all of your courtesies, Mr. Chairman, and members.

CHAIRMAN ELLIOTT: Thank you very much, Senator.

Just a note, I did visit the PPG facility in Lake Charles, where I happen to have a cousin, and I'm very familiar with the situation. And next week I'm going down to your great state and New Orleans, so I'm looking forward to that.

Thank you very much for coming forward today and expressing your thoughts with us. We greatly appreciate it.

21 SENATOR VITTER: Thank you very 22 much to all of you.

CHAIRMAN ELLIOTT: 1 Okay. Thank 2 you very much for making time for the Senator. And I believe we're going to start back up 3 with Mr. Oliver. 4 5 MR. OLIVER: Well, good morning, Mr. Chairman Elliot, Vice Chairman Begeman, 6 7 and Commissioner Mulvey. 8 I appreciate the time being here 9 this morning, and I guess following a US senator makes it a little bit nerve-wracking 10 here for an engineer. 11 12 CHAIRMAN ELLIOTT: I've done that before. 13 14 MR. OLIVER: So excuse me if I speak a little fast. But I am Vice President 15 16 of Engineering Construction and Operations for 17 Arkansas Electric Cooperative Corporation. 18 We're a generation and transmission 19 cooperative located in Little Rock, Arkansas,

and I'm here to give you AECC's views on the

current state of competition in the railroad

industry, and recommendations about what the

20

21

22

Board should do to enhance competition for the benefit of not only the rail customers but for the public interest and for the railroads themselves.

So, in accordance with your instructions, we've provided written comments and won't try to summarize those too much this morning, but more to give you a view of my position as an executive responsible for fuel procurement for our coal plants within the state of Arkansas.

AECC owns interest in three major coal plants in Arkansas. There's five units there. We ship a little over 14 million tons of coal annually to those plants, and provide electric service to about half a million consumers in Arkansas.

So, we're not huge, not quite the size of Ameren, but we do have a significant interest in PRB coal deliveries.

And although the rate paid for that transportation is important, I want to

kind of point you into some other directions today, too, as far as service. Service is important to us as well, and like many rail customers, we have spent a lot of money investing in rail cars, not to have to be using the railroad industry's rail cars, but have purchased our own train sets.

Based on cycle time, we determine how many train sets we need to provide the service that's reliable to our plants.

And so if a railroad chooses a circuitous route, it increases our maintenance costs on those rail cars, so that's one thing to consider as you look at this.

In addition, if we have poor service from the railroads, we have to have a large stockpile of costs, which the curing costs for millions of tons of coal can get rather expensive.

So even those these real costs are substantial, they can be small in comparison to a problem if we have disruptions to our

1 plant operations.

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

And in the past, when we've seen disruptions to our plant operations, we've had to go as far as Indonesia to find suitable coal as a replacement for our plants.

And typically, what would happen if we had a disruption in operations, we would try to buy power on the market. And although that seems like a legitimate way to do it, the cost of that power on the market can be substantial compared to our costs of coal generated from our own plants, and in some cases, more than three times the cost of that power, so, that seems like some wildly -- wild situations to where we would have to go to better the service that's provided from the railroads, but, they're real examples. seems to be an inefficient way for us to spend our money in order to compensate for the service of the railroads.

Events like this can cost significant increase to the cost of

electricity to our members, and we believe that increased competition could improve that, improve the service level to us and other customers.

And if I understand the Board's merger rules correctly, you -- the cost changes experienced by the shippers must be considered equally with the cost changes experienced by the railroads in analysis of the public interest, and to do otherwise would be improperly disregarding the impacts of some effective parties, and would give the wrong overall assessment of the public interest.

So, yet that's exactly what happens in remedy of hard economic costs imposed on rail shippers and ultimately the economy.

So AECC believes the best way to improve the reliability, timeliness, and efficiency of rail service to our plants and other plants is to ensure competition is readily available to captive facilities, at least where inadequate performance by the

1 serving carrier produces tangible harm.

The Board has well-defined regulatory measures for addressing unreasonable rates, but it has no equivalent procedures for addressing inefficiency and inadequate service of a serving railroad.

The Board's ability to address rail service and performance problems stemming from rail carrier market power can be found primarily and exclusively in its authority to unleash the forces of competition.

So in other words, we think a strong, competitive railroad market is the best way to ensure adequate service to our facilities.

So we're not asking for increased regulation, I think as the Senator just mentioned. We're not talking about re-regulating, but we are talking about enforcing the competitive market.

So, in most industries other than the railroad industry, when you talk about

competition and regulation, they seem to be opposites, and, you know, the railroads, in this proceeding, with all seriousness, seem to be saying that asking for increased competition is asking for re-regulation, and that's not what we're trying to do. We just want to see competition, and we want to see it work effectively in our industry.

So, going back to the 1970s, and it's all been talked about, you know, prior to the Staggers Act, and we don't want to see that go back to that situation either, but if you look at, after the Staggers Act, the railroads were able to become revenue-sufficient. They were able to get back on their feet, produce a vibrant industry, and they were able to attract the capital and investment needed to generate substantial ongoing productivity improvements.

But since the Staggers Act, and since the mega-mergers, what we've seen is a decrease, or it's been pretty much harmful to

1 competition.

What we've seen is a decrease in the rate of productivity improvement and substantially measured adverse impacts to the railroad costs. So, mega-mergers and the bottleneck rule would be one of the problems that has developed a lack of investment, a lack of innovation.

And I think Commissioner Mulvey, you questioned that yesterday about how can you get into a situation with competition.

Competition does seem to improve innovation for those industries that are involved in a competitive market.

If I'm looking at a competitive market, I want to distinguish my service or distinguish my product from everybody else.

And one way to do that is through innovation, and our written testimony gives evidence of that.

Our expert witness, Mr. Michael Nelson, discussed this further in detail of

the importance of innovation and productivity improvement in ensuring the long-run health of the railroad industry.

So a modest increase in competition, that's all we're talking about here is a modest increase, would not undermine the railroads' ability to earn sufficient revenues to attract the capital that they need, and it would provide the needed incentive to encourage the railroads to provide good, reliable, and efficient service.

Now, I don't want to talk about our recent case involving paper barriers, but that recent experience does give evidence for one of the reasons why we need to change the rules.

In that particular case where our co-owner Entergy and ourselves filed a petition to provide service to the independent steam electrics station, we asked the Board to provide a through route.

And although the Board found that

the incumbent carrier had provided inadequate service over extended periods of time, and further found that the through route would have been somewhat more efficient than the existing route, the Board concluded that this was not enough to justify prescribing the through route, and I'm not going to argue about that decision.

However, I have to presume that your decision on that was an accurate interpretation of the existing rules, which I think is evidence of why the rules need to change and provide a little bit more of an obligation on the carrier to prove the reason why competitive access should not be prescribed in that case.

So here's the point I want to make, and the primary purpose that I think the railroads have missed, that the revised competitive access rules would be to provide an incentive for the railroads to improve their service, and right now, the railroads

have no reason to fear if they provide poor service, and have any adverse impact or any adverse consequences if those controls are not in place.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

The Board has not been applying competitive access remedies for poor service, and therefore, no other railroads can threaten to take that business away, so, but if competitive access rules are modified such that a railroad knows that the consequence of providing poor service will be that another railroad will be authorized to compete for that business, then the incumbent railroad will have a strong incentive to provide good service, and I think that's the bottom line today, that competition should provide strong incentive for the railroads to provide good service.

Sow we're asking that the Board make its actions clear and credible that in the future it would apply competitive access remedies for inefficient, inadequate service,

and other specific circumstances. Then the railroads would experience a greatly increased incentive to ensure that those circumstances do not occur.

And as I conclude, since I see my yellow light, let me applaud you for taking on this issue. I know it's going to be tough, and I think what you've seen with the amount of comments you received, the time spent here over the last couple of days, that it's very important.

And I think the charge was laid out by Senator Rockefeller yesterday, as he said it very well, be scrupulous in your review of competition. And I have every confidence that you will do that, and I look forward to the results.

Thank you very much.

CHAIRMAN ELLIOTT: Next, we'll hear from Mr. Wilcox, from Omaha Public Power District.

MR. WILCOX: Mr. Chairman, Vice

1 Chairman, Commissioner Mulvey, I'm Tom Wilcox.

I'm with the law firm of GKG Law PC here in Washington, DC, and I am here on behalf of

4 Omaha Public Power District.

2

3

9

11

12

13

14

15

16

17

18

19

20

21

22

5 UNIDENTIFIED SPEAKER: Is your 6 thing on?

7 CHAIRMAN ELLIOTT: Yes, just speak 8 up a little. Thank you.

MR. WILCOX: Is that better?

10 UNIDENTIFIED SPEAKER: Yes.

CHAIRMAN ELLIOTT: Yes.

MR. WILCOX: Okay. OPPD was part of a group of four utilities who submitted joint initial comments in this proceeding and then submitted a final submission on June 10th, but I am here solely on the behalf of OPPD.

OPPD is an electric utility, and it's a Nebraska Public Corporation and political subdivision. It's headquartered in Omaha. It serves about 340,000 customers in eastern and southeastern Nebraska.

OPPD commends the Board for

2 holding this hearing. It's a timely hearing, 3 and OPPD appreciates the opportunity to add to

4 the record of the proceeding.

OPPD is no Ameren, but its facts are similar. It's a little bit smaller. OPPD owns and operates two coal-fired generating stations, the Nebraska City Station and the North Omaha Station. These plants burn about 7 million tons of PRB coal per year between them.

The initial comments summarized how OPPD first utilized the tools available under the Staggers Act to establish competition between UP and BNSF at its two plants, and there are articles attached to the joint comments that during this time frame that sort of explain how the bidding process went, and how the competition was reported in Omaha.

Nebraska City was captive to BN since 1978, and BN had served North Omaha

since 1984. But starting in the early 1990s,

OPPD took advantage of the remedies before the

Board to create competition that included

seeking line construction authority to

construct a build-out to the UP down in

Nebraska City.

At the same time, OPPD obtained authority to cross the Burlington Northern track coming into Nebraska City over BN's objection, and those two proceedings eventually resulted in OPPD becoming the owner of a common carrier line of rail, similar to Ameren.

of constructing the build-out, purchased the 56.7 mile line -- long line of railroad that serves Nebraska City plant and was formerly owned by BN. And that's an example of how the tools under the Staggers Act allow for regulatory relief, but they also provide a regulatory backstop, because the end result was a commercial solution, negotiated by BN

and UP -- excuse me, BN and OPPD, and established the competitive access.

As part of that process, OPPD now owns a common carrier line of rail and services provided via tracker's rights or operating rights.

Now, OPPD's efforts to create competition facilitated the effective competition OPPD believes was envisioned by the Congress when it passed the Staggers Act.

OPPD's investment, for one thing, created new opportunity for a fellow Omahan in UP. And as the articles explain, you know, in 1998, UP competed very hard for OPPD's business and came up a little bit short, and it was awarded to BNSF. But UP came back in 2003 and underbid -- again, competed hard and won the business from BNSF.

The result was, at this time period, rail and total delivery of fuel costs were significantly reduced. OPPD was able to charge its customers fair prices for

electricity, and whichever railroad had the business we believe still operated at profitable levels. And OPPD and the railroads operated under detailed contracts that were tailored to OPPD's movements and the party's respective commercial and operational needs.

In short, OPPD became the rail shipper that Congress envisioned. It should have done -- it should have little or no need to seek STB intervention in its rail transactions.

So, why is OPPD here? Well, it's

-- as the joint comments lay out, OPPD's

participating because in 2008, they undertook

the exact same competitive bidding process

that they did in 1998 and 2003, and at the end

of that process, it was apparent to OPPD that

the prior level of competition that it had

enjoyed or experienced at these plants was no

longer present.

And that process, combined with higher coal prices, eventually resulted in

OPPD's delivered fuel costs increasing by over \$100 million per year, starting in 2009, and caused OPPD to impose the largest residential and industrial rate increases on its customers since 1973.

OPPD is very concerned that this significant apparent change in the coal transportation market -- about this change and its effect on OPPD's ability to continue to charge fair prices to its customers for electricity.

So OPPD therefore reiterates, this is a very timely hearing, and the Board should carefully weight the extent of the material that's been submitted to it, and actively look for opportunities to modify its rules where possible to facilitate effective competition between the railroads.

Now, we, at the joint comments, submitted several general policy ideas in response to your request. But this group mainly focused on providing anecdotal evidence

and left the specifics to some of the more -the bigger groups, and spent a lot more time
on the actual specific proposals.

We also join Ameren and others, asking the Board to clarify, in this proceeding, that the rules concerning market dominance permit a finding of qualitative market dominance under Section 10707, even in cases where the shipper has access to two railroads and has enjoyed effective competition in the past, provided that the shipper can make the appropriate showing.

This is not a new proposal, but a request for confirmation of the standard that all market dominance determinations are made on a case-by-case basis.

There is some uncertainty, as Mr. Sobule discussed, uncertainty for dual-served shippers now about the jurisdiction of the Board over their rates, should they believe that they are unreasonable.

Again, thank you very much for the

opportunity, and again, thank you for holding the hearing.

CHAIRMAN ELLIOTT: Thank you, Mr.

Wilcox.

Thank you, panel.

I just have a couple specific questions. I think I've already asked some of the broader questions to the panel yesterday that involve coal shippers, so I'll stick more to the anecdotal stuff and examples that you referenced in your testimony.

Ameren, I'm familiar with your build-outs, and just so I'm clear, with respect to the build-outs that have been built and are in existence now, I wasn't clear if you think the railroads are competing right now where you've already built out, or if they're not.

MR. SOBULE: We believe, based upon responses to bids, that even that where we had built out, we got the competition at the time of the build-outs.

1 CHAIRMAN ELLIOT: Right.

MR. SOBULE: This was all pre-2004. Post-2004, bids that came out, we do not see that level of competition.

CHAIRMAN ELLIOT: Sure. And then
I understand your concern with respect to
future buildouts, because you're apparently
not getting a rate quote where the track
hasn't been built out.

Do you have any suggestions as far as solutions for such situations where either you've built out or you would like to build out?

MR. SOBULE: Well, once again, we would obviously like it very much if we could go back to the way the railroads behaved when we did our prior build-outs where there was a willingness to quote a rate to a non-physical point. We didn't have to actually go through and spend the capital for the build-out.

You know, in terms of assistance through the STB and what we could do, you

know, I would have to take a look and maybe we could supplement with some ideas of how that would maybe work so we could get back to the level of competitiveness that would basically encourage people to do build-outs again, because frankly, based on both the Ameren experience, the OPPD experience, some of the other ones, I'm not sure you're going to see many build-outs again.

CHAIRMAN ELLIOT: Thank you.

Just one other specific question,
Mr. Wilcox. I noticed in your testimony or in
your comments, you suggested raising the
limits on the simplified SAC. Am I
remembering correctly?

MR. WILCOX: That's right.

CHAIRMAN ELLIOT: Okay.

MR. WILCOX: Well, it's mainly simplified SAC. I think there are some utilities out there who have -- and this is not the OPPD, their tonnages are sufficient and they could justify probably the stand-

alone cost case. But the comment addresses simplified SAC in that there are utilities with volumes that are lower, yet they still have possible -- a possible challenge of an unreasonable rate, yet the prospect of bringing a full-blown SAC case does not justify the potential damages they could get, considering that their volumes are low.

And so -- yet the \$5 million cap that's on simplified SAC now is not, you know, may not be enough in itself.

So that was the proposal in there. And I think that's something the Board has heard before in terms of the three-benchmark caps and the simplified SAC, that maybe they should be increased, too, and that there are potential complaints out there, but the caps are discouraging those type of actions.

CHAIRMAN ELLIOT: Thank you, Mr. Wilcox. That actually perfectly answered what I was going to ask next, so I have no further questions.

1

Vice Chairman?

2

MR. WILCOX: It's always good when

3

I can answer two questions at once.

4

CHAIRMAN ELLIOT: We really

5

appreciate it; speeds up the thing.

6

VICE CHAIRMAN BEGEMAN: Thank you

7

all. Your testimony is somewhat enlightening,

8

informative, and alarming.

9

You know, we heard a lot yesterday

10

from the shipper interests, at least the coal

11

shipper interests, that reciprocal switching

12

was -- I'm not saying they said it was the

13

silver bullet, but that certainly is what

14

they're advocating.

15

I think the three of you, some of

16

you at least you have competition, and

17

competition isn't the silver bullet either,

18

given, at least what you're alleging is

19

happening with the industry.

20

So, if bottleneck relief and

21

reciprocal switching perhaps aren't the

22

answer, is the answer, from your perspective,

the ability to come to the Board to challenge rates, and/or services, or perhaps service issues?

MR. SOBULE: Vice Chairman, that is exactly one of the three recommendations that we made is that we should have the ability, those that have supposed competition, that once again, if we can make the same jurisdictional prima facie case on that, that as a backstop, we would have the ability to say that in fact there is market dominance which is the lack of effective competition.

Just because you have competition doesn't mean it's effective, so, it's absolutely correct, we would like to have that.

MR. WILCOX: I would modify that a little bit. As a shipper like Ameren who has invested a lot of time and money in establishing competition, we want competition, that would be the preferred way to establish rates and service terms.

However, if you need to have some

avenue to try to challenge a rate, or if you believe that it's unreasonable because you're not getting the level of competition you need, but I think the Board, you know, the coal rate guidelines were initially designed to provide a kind of a cookbook of a way to -- where someone could calculate what a maximum rate would be to encourage contractual -- you know, solutions, and so I think by having a way you can help competitive shippers, until competition resumes.

And I agree with what was stated yesterday that it's going to take time, it probably will take time, to create a clear set of rules for competitive shippers that would provide that guideline or backstop to have the parties come to the table rather than just file a rate case, because the preferred way is for people to --

VICE CHAIRMAN BEGEMAN: Sort of a threat?

MR. WILCOX: Well, it's like what

was said yesterday. It's not re-regulation if you establish the rules so people understand them, and then so if you have a reciprocal switching rule everybody understands, then the parties can use those rules to come to an agreement on the outside of the Board.

So -- and that's the same with rate rules. If you can supply the parties with the guidelines, then now they know, you know, if you go to the Board, here's the answer, and so let's work around that.

And for competitive shippers, there's a lot of uncertainty now, too, in one of the main issues, which is jurisdiction.

VICE CHAIRMAN BEGEMAN: Mr.

Oliver, have you had a chance to utilize the

Board's mediation process? You laid out a lot

of troubling issues, particularly having to go

to Indonesia for your coal.

MR. OLIVER: I'm not sure that we

21 --

VICE CHAIRMAN BEGEMAN: And if you

haven't, I encourage you, and I know the

Chairman would encourage you to reach out as

well.

MR. OLIVER: And I'm not familiar, and I'm not sure that we have used the mediation process. It does seem interesting. I know in the coal dust decision, we've asked to speak with the railroads and not been able to get that done, so -- but it seems like a good forum in which we could, perhaps, negotiate some of those.

And yeah, going to Indonesia is a far stretch. But I think with us, you know, reliability of service is very important, and so being able to have that coal on the pile is important, too. So we'll exhaust no means -- or every means in order to provide that service.

VICE CHAIRMAN BEGEMAN: Thank you.

CHAIRMAN ELLIOT: Commissioner?

COMMISSIONER MULVEY: Thank you.

Indonesia is far away. Of course, China's far

1 away, too, and they're using some of our coal.
2 So, it's a global commodity.

With regard to Mr. Sobule's question about -- issue about the BN and the UP and the failure to compete after 2004, you said that there was a 43 percent differential, and then you said that they raised the rates by 87 percent.

But wouldn't that have allowed the 43 -- wasn't that more than the 43 percent difference? And wouldn't that have allowed for bidding or a shift again in the supplier at that point, or did they both come back with the same rate?

MR. SOBULE: The relation, and I might have been a little bit unclear in how I went through this, if I can try to go back on that, is that the -- no matter where the incumbent carrier came in, the non-incumbent rate was, on average, obviously, 43 percent higher than the incumbent rate.

What that is is that's the rate --

the 43 percent higher than incumbent rate is not of the existing incumbent rate. That was 43 percent higher than the new rate proposed by the incumbent shipper.

COMMISSIONER MULVEY: Okay.

MR. SOBULE: Did that --

COMMISSIONER MULVEY: That's more

clear.

MR. SOBULE: And I should have clarified it a little better the first time through. I'm sorry.

COMMISSIONER MULVEY: Well, one of the things that was discussed was build-outs.

And I recall, many, many years ago, when I worked for the Congress, the build-out option was not so much that you were expecting the shippers to build-out.

That was a possibility, it was kind of a threat, and that the threat of going to a build-out and going out and hiring surveyors and beginning to make some inquiries or even some acquisitions or rights-of-way in

order to accommodate the build-out generally was sufficient to bring the incumbent railroad to the table to say okay, okay, we don't want you to build-out another railroad, let's talk about what a fair rate might be.

And you're suggesting that while
that worked for a while, that it -- after
2004, stopped working, or after 2008, stopped
working. Or -- is it sort of a matter of that
the railroad got it and figured well, this is
-- you know, this is -- it's like poker, after
a while, you can tell when somebody's
bluffing? Would you characterize it that way?

MR. SOBULE: Well, I think that in

some instances, what you're saying was correct, that there was -- that the railroads, in some instances, realized well, maybe they really aren't going to spend the capital to build-out.

In Ameren's case, we actually spent the capital and did the build-out, and basically, the rate reductions we got was

because the railroads were, in fact, anxious to potentially take market away from the incumbent railroad.

We have, as an example, at our Joppa plant, which was one of the ones where we did the build-out, that contract actually swapped back and forth a couple times after the build-out, because we had created competition.

And at that point, the railroads were interested in competing as opposed to not -- the change of -- whatever reason it occurred after 2004.

So a little bit of what you said, maybe calling the bluff with some folks. With Ameren, we really did do the build-out, and it did result in some change of service from one rail carrier to another.

COMMISSIONER MULVEY: Mr. Oliver, you mentioned about going to Indonesia, and you talk about some of the problems that utilities face with dealing with higher rates

or dealing with higher inventory costs and the like.

But you said that the major cost or the major problem would be if you actually had to shut down. And have you ever had to shut down the plants because of lack of coal supplies?

MR. OLIVER: I've only been in this position for a couple of years, but I can speak to some extent, that we've had --

COMMISSIONER MULVEY: Or even brownouts.

MR. OLIVER: We have had to lower the output of the plants due to coal supply.

As you begin to look at -- primarily if you look in 2005, after the joint line problems, we had significant decease in coal delivery.

COMMISSIONER MULVEY: Yes.

MR. OLIVER: You're going into the summer, which is our peak period, and you're having to balance those piles and make sure you have enough inventory to make it through

the summer. You don't want to shut down the plant completely.

And so we have had to decrease output at the plants due to poor service.

COMMISSIONER MULVEY: But the 2005 problem was one that was due to things that were beyond the railroad's control. Have you had problems -- that is now six years ago.

Have you had problems with supplies since then?

MR. SOBULE: Yes, sir. It hasn't been quite to that extent, obviously. That was a major issue.

And I'm going to speak a little bit out of my element, but I will say this, that from my understanding, there were times when the economy was really booming, when Intermodal traffic was significant, that our cycle times, which is the time it takes for the train set to get from the PRB mine to our plant and back, those cycle times increase significantly, and the delivery of coal was

1 less than the contract.

So was it to the extent of 2005?

No. Have we seen impacts, due to service?

Yes. We have seen poor service since 2005.

Now, as of 2005, it's fairly good, and the cycle times are low. We are attributing that primarily to the fact that there was probably decreasing intermodal traffic. We don't have that insight, but I will say there have been times since 2005 when we have experienced a decrease, so.

COMMISSIONER MULVEY: Every cloud has a silver lining. We've noted that with traffic down for the railroads, that the average speeds up, cycle times go down.

So that's a good point, but that's not necessarily good for the economy as a whole that there are fewer, say, unit intermodal trains out there.

MR. SOBULE: Yes, sir. I think that's correct. And I mean, everybody hopes that the economy's going to rebound. And so,

again, that's why we're looking at it from the standpoint of not just rates, but to provide some relief through competition, if we do see a decrease in service, because we do have a definite need for reliability of supply for that energy. So, I'm hoping the economy rebounds, but I hope the service level stays good as well.

COMMISSIONER MULVEY: We're often told that cars on line is a bad metric, that more cars on line is not a good metric -- more cars on line means there's traffic out there.

That's not a bad thing. But anyway.

Omaha Power District, Mr. Wilcox, you had a successful build-out, and are you still operating that short line railroad? Is OPPD still operating that short line today?

MR. WILCOX: Well, not today, no, because the UP is the current provider at Nebraska City, and so they use a very small piece of the 56-mile line to get into the plant. The 56-mile line would come into play

1 if BNSF was to get the business back.

COMMISSIONER MULVEY: The Board, when it looks at market dominance, has both a qualitative and a quantitative measure for market dominance.

And the qualitative-based looks and sees whether or not there are other modes that can be effective competitors. The quantitative, of course, relies on our 180 percent of revenue to variable cost ratio to decide market dominance.

Would you suggest that we drop the qualitative one and focus only on a quantitative measure? And is the 180 the correct measure, or should it be lower?

Or -- I would think lower if you - but should it be higher? Or what would you
suggest?

MR. SOBULE: From our point of view, we think we should still have a qualitative and a quantitative measure. The difference that we're saying is that for

quote-unquote competitive shippers, that

basically that whether it's 180 percent or

not, I'm not sure whether that's the

appropriate level, but that the jurisdictional

threshold, whatever it is, except for captive

shippers, that the statute be interpreted so

if any rate, including for quote-unquote

competitive shippers, exceeds the threshold,

that could prima facie demonstrate that

there's a lack of effective competition.

COMMISSIONER MULVEY: Anybody else want to comment on that?

MR. WILCOX: Well, obviously, if the jurisdictional threshold is lower, that's beneficial. But I think this also relates to the Board's review of its IRCs costing system as well, in terms of what the number you end up with.

But I do think that for dual-serve shippers, that I agree with Mr. Sobule that the RTC ratio, revenue to cost ratio, it should be a good indicator of whether the rate

Page 72 is presumptively or a rebuttable presumption 1 2 that it's unreasonable. Thank you. 3 COMMISSIONER MULVEY: 4 Thank you. 5 CHAIRMAN ELLIOTT: Thank you very much for your comments today. We greatly 6 7 appreciate it. 8 MR. WILCOX: Thank you. 9 CHAIRMAN ELLIOTT: I now call forward panel number two. 10 (Pause.) 11 12 Welcome. We will begin with Mr. 13 Marsh from CONSOL Energy, Inc., and I believe 14 you have five minutes. 15 MR. MARSH: I'll keep it very 16 short and brief for you. Thank you for the 17 opportunity. I'm a Vice President with CONSOL 18 19 Energy. We're a coal and natural gas company 2.0 out of Pittsburgh. We move almost 35 million

largest shippers on both the Norfolk Southern

tons on the railroads, and we're one of the

21

22

1 and the CSX.

Our position is slightly different than what I just heard. We've had an excellent circumstance with both the Eastern carriers over the last 15 years that I've been involved with them, and over the last 130 years that my company has dealt with them.

The things I heard just a moment ago would be very alarming if we experienced them. We've not experienced that.

We've found them to be creative, competitive, cooperative, and in my own functionality and in our company's competitiveness in the world marketplace, we've benefitted significantly from these partnerships.

So our position is, please be cautious about any changes that would inhibit investment, because we find this to be a capital gain, a major infrastructure play, and anything that would reduce the ability for our product to move to market would be concerning.

1 |

Thank you.

2

CHAIRMAN ELLIOTT: Thank you.

3

Mr. Yeager?

4

MR. YEAGER: Very good. I

5

probably will not be quite as brief, but I'll

6

try to make this brief.

7

(Laughter.)

8

Mr. Chairman and Madam Vice

9

Chairman, Mr. Commissioner, we thank you for

10

this opportunity to speak to you today about

11

this very important subject.

12

A healthy and competitive rail

13

industry is critical to the economy of this

14

country, and also to the continued success of

15

Hub Group, of which I am Chairman and CEO.

16

Hub Group is a \$2.5 billion

17

transportation company employing 1600 white-

18

collar workers and contracting with 1800 truck

19

drivers. We arrange for the transportation of

20

trailers and containers on various Class 1

21

22

railroads.

In 2010, Hub Group shipped over 1

million truckloads. More than 700,000 of those truckloads were transported by a rail intermodal.

As a result of using rail intermodal versus conventional over-the-road services for these 700,000 truckloads, 3.1 billion pounds less carbon was emitted into the atmosphere and over 68 million gallons of fuel was saved.

It's obvious that it's in our country's best interests to continue to promote the use of the nation's rail system.

Hub Group, like the railroads, was not always as prosperous as it is today.

Founded in 1971 by my father and mother, the first Hub office had no windows and was on the second floor over a flower shop in Hinsdale, Illinois.

I joined this small family business in `75 and have worked at Hub in the intermodal industry for the last 36 years. In the 1970s, unlike today, the rail industry was

not the model of the world. I remember well when railroads offered poor service, and seven railroads in the northeast were bankrupt.

Even worse for shippers, rates were high and not very competitive with truck.

These difficult days for the rail industry ended with the passage of the Staggers Rail Act in 1980. While it took time to heal this beleaguered industry, the deregulation that followed this act helped promote the healthy and vibrant rail network that we enjoy today.

Since deregulation, I've seen the railroads make substantial investments to their infrastructure and promote new services that have made rail intermodal a forceful and highly efficient competitor to truck.

According to the Association of American railroads, since 1980, average inflation adjusted rail rates have fallen 55 percent, rail traffic volume has nearly doubled, and railroads have invested \$480

billion in capital spending to improve those networks.

And not only is rail less
expensive today, but service is much faster,
it's more consistent, and the loss and damage
claims are down substantially due to railroads
investing in updated tracks and rail cars.

The ability for the railroads to continue to invest in improved service is critical to the partnership that we have developed with the rails. This partnership has benefitted the environment, it's reduced traffic on our nation's roads, it's saved billions of dollars in shipping costs while contributing to our country's economic growth.

The railroads have supported our business, whether it's import, export, or just purely domestic. Shippers, railroads, consumers, motorists, and the environment are all much better off today due to the farsighted policy that Congress implemented in 1980.

I know that a few railroad customers in specific rail markets who ship specific kinds of freight believe that expanding rail regulation will benefit their own self-interests.

However, such a shift will do harm to many more companies and individuals in the long run. Taking actions that could reduce railroad efficiency will harm the interests of intermodal customers, as well as the public at large, who benefit from the railroads.

Shippers and the public at large need railroads that are able to invest in the infrastructure expansion, terminals, and rolling stock. I'm very concerned that if the Board makes changes to regulatory policies that it will adversely affect the ability of the railroads to continue investing in their networks.

I'm also concerned that these proposals could negatively affect rail service to customers like us by reducing asset

1 utilization and otherwise impairing the rail
2 network.

Our national rail network has improved dramatically over the past 30 years. We currently have a highly efficient, environmentally friendly, and cost-effective rail system that's primarily funded by these same railroads.

I believe our current regulatory structure is working well for shippers and the public at large, and for these reasons, I ask the Board to reaffirm the current regulatory regime.

Thank you very much.

CHAIRMAN ELLIOTT: Thank you, Mr.

Yeager.

We'll now hear from Mr. Rubin from the Intermodal Association of North America.

MR. RUBIN: Thank you.

Chairman Elliot, Vice Chairman
Begeman, and Commissioner Mulvey, thank you
for allowing the Intermodal Association of

North America the time to express our views on the current state of rail competition.

My name is Steve Rubin, Chairman of the association commonly known as IANA, whose members handle over 90 percent of the freight moved in intermodal service.

I spent the last 20 years in the intermodal industry as a senior operations executive with a major ocean carrier, and most recently as the President and CEO of TRAC Intermodal, the nation's largest intermodal chassis leasing company.

Over the last two decades, I've worked very closely with all the Class 1 railroads as both a customer and a supplier of intermodal services.

At the Board's February 24th hearing to revisit exemptions for commodity, box car, and intermodal, IANA's CEO, Joanne Casey, and other rail executives provided compelling arguments why the exemption on intermodal should be preserved.

My remarks today will focus on how 2 the current regulatory environment for railroads has fostered an era of powerful competition for containerized supply chain logistics that has provided significant benefits to all stakeholders, including shippers, ports and terminals, ocean carriers, motor carriers, and third-party logistics providers.

1

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

My core point is that for intermodal rail, competition is a way of life, and in the relatively near future, it will only intensify as infrastructure improvements from the build-out of the Panama Canal, as well as the deeper dredging of our nation's major seaports to handle the world's largest container ships will increase the pressure on the railroads to provide superior service at reasonable, competitive, and market-driven prices.

I've been negotiating service contracts with the railroads for the past 20 years, and I've witnessed first-hand the benefits of the current regulatory environment.

First, mergers have created better end-to-end products with faster, more reliable transit times for service-sensitive shippers, and there's been an unprecedented capital spend invested in network, terminals, technology, and human resources to meet not just current container volumes and trailer volumes but for expected growth far, far into the future.

As both a shipper and a supplier to the rail intermodal industry, I've also experienced the intense competition -- competitive nature of the Class 1 railroads.

It's my perception that in the years following the highly active merger period in the mid- to late-1990s, the railroads have only increased their focus on serving their customers and heavily investing in the business to accommodate freight growth.

Intermodal is a complex system of interrelated transportation moves, and I believe the railroad investments have been critical to supporting the 5.7 percent compound annual growth rate for containerized imports and exports over the last 20 years.

Now, today, the railroads not only compete against their geographical competition, Union Pacific versus the BN, CSX versus Norfolk Southern, but because of container port infrastructure development and the growth in canal traffic both through Panama and the Suez, the railroads are now competing quote-unquote across a divide for cargo-rich areas of the Midwest, Ohio, and Tennessee Valleys, the Southeast, and the Gulf Regions.

Now, I know this last point was also touched upon in the February 24th hearing, but I think it bears reviewing, as it speaks to how the current regulatory environment encourages competition and risk-

taking investment in the context of market forces.

To illustrate the increasing competitive forces facing railroads in the intermodal segment, let's take a container shipment moving from Shanghai to Cleveland, Ohio.

Their steamship line responsible for bringing the goods from overseas has routing options that span two countries, both North American coasts, and six of the seven Class 1 railroads.

If you also include the option of trans-loading at the port of discharge into the 53 foot domestic container, you not only double the potential routings, but you have introduced motor carrier competition into the equation.

The bottom line is that the railroads have more competition for intermodal freight than ever before, and will only become more so as new infrastructure will push the

Page 85 boundaries of the traditional intermodal 1 2 supply chain. While I cannot speak with 3 knowledge on the sole provider rate issues 4 5 here, the STB has properly identified one of 6 the emerging challenges facing the evaluation 7 of intermodal rate reasonableness, the global 8 multi-modal shipment. In such instances, which will 9 10 become truly routine and not just hypothetical, IANA believes the best course of 11 12 action for the Board would be to stay its 13 current course with regard to rate regulation, 14 and allow the market to establish the best 15 supply-chain routing for the American producers and consumers. 16 17 Thank you very much for the 18 opportunity to present to you today. 19 Thank you, Mr. CHAIRMAN ELLIOTT: 20 Rubin. 2.1 Vice Chairman?

VICE CHAIRMAN BEGEMAN:

Mr. Marsh,

22

could you explain what type of service you're provided from the two carriers? Actually, what I mean is, are they providing you a joint 4 rate, or do you operate over them on separate lines, or are they giving you a bottleneck rate?

1

2

3

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

No, our situation is a MR. MARSH: little unique in the sense that our reach in the East -- we're the largest Eastern coal company, as a producer. And I actually run our Baltimore terminal, which has been tripling its volumes over the last couple years and serving the international marketplace.

So we have the good fortune of having some mines that are served by both railroads, some mines that are single-served, and facilities like our Baltimore terminal that are dual-served.

So having that mix, we are able to work with them tactically at the local level, and the mid-level regionally, and with their

executives, where we make joint capital investments.

We support each other in terms of strategies. We work with them to create metrics that allow us to generate efficiencies.

And so what we've seen is both in the rate-making process, there's been competition and creativity. And then more importantly, on the investment and service side, we've seen significant modern business applications that make it to where we can grow threefold in two or three years. So that's been our experience.

VICE CHAIRMAN BEGEMAN: And Mr.

Yeager, do you provide service or transport

cars or arrange cars for all of the railroads,

or just particular Class 1s, or any short

lines?

MR. YEAGER: We do actually -- we are strictly on one carrier within the West, and within the East, we utilize both carriers,

1 both CSX and Norfolk Southern.

VICE CHAIRMAN BEGEMAN: And I'll ask all three of you to respond to this.

And Mr. Marsh, you mentioned that, if you were testifying such as the first panel had, you probably would be asking for changes, what are your thoughts on the proposal to allow those with competitive options currently to have access to the Board to challenge a rate?

MR. MARSH: Having oversight and having a general threat if someone gets unreasonable and totally reasonable and consistently reasonable is obviously a benefit. I just don't know how you would do it consistently.

Our biggest caution is simply,
please don't do anything that will create
enough uncertainty that capital investment
will be hesitant, because we've seen very
practically and on a day-to-day basis, if you
don't invest the capital, the capacity

withers, and as the capacity withers, our product doesn't move.

And as important as rates are,
which is very important, our ability to move
product to market is critical. So I just
caution just, please be careful.

MR. YEAGER: I would agree with Mr. Marsh. I do think that we would just be very concerned about the railroads' intent and capabilities of reinvesting in the infrastructure.

In the intermodal industry, we have seen tremendous strides forward from a service perspective. That's make it very truck-competitive.

And for the railroads to handle more business and take it off the highways is critically important, I think, to the future of commerce within this country, and any uncertainty that's thrown in there I think is certainly a hindrance.

MR. RUBIN: Yes, I also follow --

agree with the previous two comments. My
entire history in this business of intermodal
has been basically in a deregulated
environment.

So, Vice Chair, it would be a little difficult to put myself in someone else's position other than it seems that these are complex issues that really require a real deep understanding of the specific facts for each of the shippers.

Beyond that, you know, it's hard for me to comment any further.

13 CHAIRMAN ELLIOTT: Commissioner?

14 COMMISSIONER MULVEY: Thank you,

15 Dan.

I recall of course the exemption hearings back in February, I guess it was, when Joanne was here testifying on behalf of IANA.

Of course, we pointed out at the time that intermodal is probably, by definition, the most competitive kind of

traffic, and therefore, probably the most
warranting of exemption, by intermodal, it can
go by many, many modes or by multiple modes.

So, but I want to ask a question about the Staggers Act. I mean, the Staggers Act was passed -- when we passed Staggers Act in 1980, it was part of a larger group of bills that deregulated transportation, aviation, but also in 1980, motor carriers were also deregulated.

And motor carriers were, before

1980, back in the old days of tight

transportation regulation, the ICC tried to

balance the needs of the various modes, and

tried to allocate traffic, depending upon what

it saw as the inherent advantages of each

mode, etcetera.

And it didn't do a good job of that, ultimately, and the railroads were in serious financial -- it's been suggested that what we need to do is to create the whole promise of Staggers, and that is de-regulate

the railroad industry entirely, and let the railroads behave as a competitive industry and as competitive firms, as we do in any other industry, with the probable continued limited anti-trust immunity that they have right now.

Would you think that that would be a proper way to go to just, more with this -- ultimately, I guess it's easier for me to say, I'm finishing out my second term, but the Board, then, would disappear, and you would have a railroad industry that would compete for traffic like any others, and we would rely almost completely on market forces to determine rates and the allocation of traffic.

MR. RUBIN: I guess it could also be easy for me to answer, since I only have six more months in my chairmanship, and Joanne will actually be returning, the next time, I'm sure, that IANA is asked to testify.

Again, sort of to reiterate my answer to Vice Chair Begeman, Chairman Mulvey, I've grown up in the basically deregulated

industry, and I've seen all the positive benefits that occur when there really is optimal or multiple choices for shippers of rail services.

So having listened to the first panel, as I answered before, it seems that maybe not all the circumstances, depending on the situation, allow for the same sort of, you know, competition that we have in the intermodal industry.

But certainly the railroads have a fierce competitive spirit, and having a regulatory regime that allows the railroads to maintain that fierce competitive spirit, they will take advantage of it, and they will work extremely hard to serve their customers and to certainly serve all their stakeholders including their shareholders.

MR. YEAGER: Well, being the oldest member of this panel, and having lived through regulation and deregulation, I'm very much -- the Staggers Act, I do think, was a

tremendous stride forward.

I do think that having a Board that attempts to allocate competition and weigh if truck is better than rail is not appropriate. I do think that with what we have today, that it's actually very effective to Steve's point.

We do see within the intermodal segment a tremendous amount of competition.

The railroads are very aggressive, very creative in how, in fact, they go about with their proposals. And so I would suggest that again, maintaining as is would be my advice to the STB.

MR. MARSH: The concern I'd have if it went to just a wide-open, totally different environment, is the barriers to entry in terms of just building railroads, getting the ability to get the land, to build it, the capital involved, that would be -- I'd be concerned a little bit if it just went to a total Wild West environment.

But again, I just think we just need to be cautious to make sure that whatever changes, if any, occur, just do consider the capital impact.

COMMISSIONER MULVEY: Well, the railroads do have monopoly power where they have single-served shippers, but there are limits to how much they can charge.

And the limits are based upon the fact that they need to have their customers, as Mr. Hamberger said yesterday, they don't want to put their customers out of business.

Mr. Young said the same thing.

That's who their -- that's where their money comes from is serving customers, so there are limits to what railroads can charge.

The -- in other words, what I'm really asking, is there a need for this Board if you really want to have total competition?

Because at least that might generate more innovation, more creativity, more services,

1 etcetera.

The alternative that's been suggested or was suggested many, many years ago was -- maybe perhaps Mr. Yeager and hardly anybody else in this room remembers, that it was suggested that railroads ought to be treated like highways, and that is the railroad network ought to be nationalized, and the railroads -- private railroad companies, then, would compete for the traffic on this publicly owned highway system.

Those are kind of extreme solutions, but they have been suggested.

Do you have any comment on any of those?

MR. MARSH: Fortunately, I don't have sufficient understanding and perspective to comment intelligently.

COMMISSIONER MULVEY: Mr. Yeager?

MR. YEAGER: I would suggest that
was probably in times when, as far as the
suggestion that we nationalize the rail system

itself, that was probably at a time when the railroads had not invested in infrastructure.

And I do think really that private enterprise and the innovations and giving them the ability to continue to earn their cost of capital is certainly the best solution.

MR. RUBIN: Sort of my frame of reference, Commissioner, is on the ocean container side, and there you have some examples where regulatory bodies, given proper guidance and authorization, I think can help.

And look at the Federal Maritime

Commission. Look over in Europe where the EU

has fully deregulated the ocean shipping liner

rates, but yet, they still oversee it, and

they still continue to investigate.

So again, I look at those as I think effective regulatory structures that also can effectively promote competition.

COMMISSIONER MULVEY: Of course, in ocean shipping, a large part of the infrastructure, the ports, for example, tend

1 to be quasi-public institutions.

Thank you very much.

CHAIRMAN ELLIOTT: I don't have any further questions. I just want to thank you for bringing your perspective to the hearing today. It's greatly appreciated, and thank you very much.

(Pause.)

Okay. Welcome, everyone. We'll now begin with panel number three, and leading off will be Arkema.

And Mr. O'Leary, you have ten minutes.

MR. O'LEARY: Good morning, Mr. Chairman, Vice Chairman Begeman, and Commissioner Mulvey.

My name is John O'Leary. I'm director of Logistics for Arkema, Inc. On behalf of Arkema, I greatly appreciate this opportunity to appear before the Board today to offer our views on competition in the rail industry.

Arkema is a manufacturer of specialty products, and currently operates 23 manufacturing and research facilities in 14 states with over 22 employees across the

United States.

Our US headquarters is in King of Prussia, Pennsylvania, and our parent company is headquartered in Europe with operations throughout the world.

Here in the United States, we routinely use rail carriers to move both raw materials and finished products, and as such, a strong, competitive rail industry is vital to the success of our overall business operations.

We also feel rail transportation is the safest and most secure method of transporting our materials and products.

Thus, we wholeheartedly welcome this effort which will hopefully strengthen the rail system for both the railroads and shipping community.

By thoroughly examining this critical area and acting on items that are discussed, the Board can ensure that the rail transportation sector is open, fair, and competitive.

I plan to focus my comments today on Arkema's experience regarding competition in the rail industry and the effects of global competition as it relates to the transportation costs, and also, to discuss some key issues and recommendations for ways to improve the competitive balance in the rail transportation area.

First and foremost, our ability to have competitive rail service at our facilities significantly affects the costs of our products and materials, both in terms of transporting raw materials and process the manufactured products.

Without competitive service, we invariably have higher transportation costs, which directly affects our bottom line, and

often results in higher material and product costs, which in turn, affects our ability to compete domestically and globally, and it also affects our ability to expand and grow our business and hire more employees.

In the end, the issues surrounding rail competition and rail access are about jobs and economic costs. In these uncertain economic times, anything that can be done to make US manufacturing more competitive is critical.

Ensuring that companies like

Arkema have access to competitive rail and

transportation services will help to keep our

business and our industry healthy,

competitive, and growing.

Currently, over 50 percent of

Arkema's finished product volume is shipped

via rail. Indeed, without reliable,

efficient, and safe access to the rail

network, key operations at some of our most

important facilities would be seriously

1 jeopardized.

In many cases, the rail access at these facilities is often limited to only one rail carrier. And as you might imagine, with limited transportation options at hand, we have found that our rail transportation costs have increased greatly over the last decade.

Unfortunately, as the rail shipping costs have risen, we have had to either absorb these costs internally or increase our prices to pay for the increased shipping cost. Neither option is good, but this has become our reality in recent years.

With regard to railroad profits, although we are certainly not opposed to industry's making a profit, we are concerned when certain practices have a significant and negative impact on other industries or markets.

For many of our products and materials, we are often unable to pass along the increased shipping cost because

competitive forces have driven the individual product prices down.

Thus, we are faced with having to sell our products and materials at a lower price while simultaneously having to absorb increasing shipping costs.

As we evaluate our rail transportation options that are available to us today, we find that we have significantly fewer options than there were 25 years ago.

This means fewer competitive-based checks and balances and therefore, higher shipping costs.

Fewer rail options means less competition. Less competition brings higher rates and fewer service options. As noted, higher rail freight costs affects our ability to be competitive, and it affects our ability to expand and grow our businesses and add jobs.

But perhaps most compelling in how captive many of our facilities have become to only one rail carrier, at present, we have

true competition, competitive service at both ends of the rail shipment, for only one percent of our shipping lanes.

Further, a full 71 percent of our lanes are captive at both ends of the shipment, and 28 percent of our lanes have competition at only one end.

When the rates for shipments to and from our captive facilities are compared to the shipping rates to and from facilities that have competitive shipping options, we find that the rates for our captive facilities are significantly higher than those at non-captive facilities. In one case, we have seen rates increase as much as 150 percent just in the last five years.

These rates far outpace normal inflationary costs and railroad industry costs. This directly affects our operations, sales, and our ability to invest in our manufacturing infrastructure.

It is also important to consider

our current business situation in the context of the global competitive environment. We must compete not only domestically, but also with companies located in Asia, Europe, and elsewhere.

Unfortunately, we are finding that in many cases, our global competitors have lower transportation costs than we do, despite the fact that they are shipping their materials or products from thousands of miles away.

They can do this because they can ship directly to a port that may be closer to the end user, or to a port that enjoys greater competitive rail service than we have.

Additionally, many global manufacturers examine a myriad of issues when citing new facilities. Transportation costs are a critical component of any such calculus. The competitiveness of American industry is predicated upon an economical transportation and intermodal environment.

The huge advantage the US has over developing nations is that its rail infrastructure network is in place and accessible to all, allowing certain pricing practices to destroy that competitive advantage has to be avoided in the global environment for goods, services and capital.

Therefore, we believe the effects of these international shipping issues, and their impact on competition and shipping rates, should be examined as part of the process as they are increasingly key components of our overall competitiveness.

I would now like to discuss a few key issues and some recommendations regarding improving the competitive balance in the rail industry that we offer for your consideration.

First, let me note, one, our general support of the joint comments that have been submitted by the American Chemistry Council, the Chlorine Institute, CURE, and other interested organizations.

We believe one of the key elements of these joint comments is the discussion on the Board's considerable authority and discretion to take action to support rail competition. And we hope the Board will use this proceeding as a catalyst for improving the competitive balance in the rail transportation agreement.

One issue is the area of reciprocal switching agreements, where we support actions that would allow for increased use of such agreements. These types of agreements have the potential to reduce costs and increase service options for all parties.

One suggestion the Board might consider is developing a pilot program in one or more selected geographical areas that would allow for increased use of reciprocal switching agreements that could be negotiated by all parties.

The lessons learned from such a pilot then could be applied to other parts of

1 the system.

We also support strengthening the ability to use so-called Rule 11 rates where each carrier is given through route quotes a separate rate for their segment rather than one carrier quoting a through rate.

It has been our experience that using Rule 11 procedures has benefitted from this process. This is particularly the case with respect to toxic by inhalation hazard products.

However, it has also been our experience that Rule 11 process has not been available for our non-TIH shipments. In fact, in some cases, a request for such pricing to apply has been denied by some carriers.

Therefore, we would support a review of Rule 11 procedures with the aim of ensuring consistency in the application across the various types of shipments.

Lastly -- if I can have one -- we believe it is also relevant to any review of

competition in the rail industry to examine the current process for bringing a rate case.

A key part of the current system of checks and balances in the rail competition is the ability or non-ability of the shipper to bring a rate case before the Board for their consideration.

One factor in deciding whether or not to bring a case is cost. In most cases, the cost remains prohibitively high because of the complicated process and procedures that are required.

Thus, we would also welcome any action that might simplify and streamline the current rate case process.

Again, Arkema greatly appreciates the opportunity to provide our views on competition, and appreciate the Board's looking at this procedure.

Thank you.

MR. BAKER: Good morning. My name is Jeff Baker, and I'm responsible for Dow's

rail purchases. And I've replaced Brad Gray today, due to illness.

So, Chairman, Vice Chairman, and Commissioner, thank you for the opportunity to allow Dow Chemical to provide our perspective on this issue.

Dow operates a large fleet of approximately 23,000 rail cars, so we have a significant investment in rail. These cars carry over 110,000 rail shipments each year for multiple North American production facilities.

Our large facilities are captive to a single railroad. That's over 58 percent of our original rail shipments. And then 80 percent of all of our destination rail shipments are also captive to a single railroad.

Less than 25 percent of Dow's total annual US rail shipments are served by more than one railroad.

You've already heard about the

impact carrier consolidation has had on competition. I'd like to focus on several points made by the railroads yesterday, in light of Dow's experience since 2004.

You heard -- you have heard it said that it's not about competition, it's about rates. But is competition precisely about rates, safety and service?

Dow has experienced dramatic increase in our rates for our captive facilities. While the average annual distance and the average tons for Dow's rail transportation since 2004 has been relatively constant, the increases have been greater than 45 percent over that six-year period.

Also, without effective competition, Dow has been unable to negotiate any service-level agreements with the railroads.

The rail rate increases
experienced by Dow have been based on business
practices which have shown typical monopoly

pricing behavior. Contrary to what was said yesterday, we're not claiming that increase in rates is evidence of monopolistic behavior, but it's the way in which the price increases are imposed that make them unfair or unreasonable.

Taking advantage of the fact that a shipper is captive, railroads have used numerous methods to increase rates. This includes a take it or leave it attitude, a refusal to enter into long-term contracts, sometimes even insisting on a 30-day cancellation provision in contracts, fuel surcharges that are not based on any changes in fuel costs, large increases in rail car storage, and increases in track lease charges.

Also, railroads' rates continued to go up even when demand went down. All other modes of transportation at Dow reduced their rates.

In response to these facts, the railroads have made two arguments. First,

there are the forms of competition, mainly
truck, and the second, the current STB
regulatory system, provides an adequate remedy
to shippers in the face of unreasonable rates.

Taking these in order, in most cases, the use of trucks is not a viable alternative for Dow or many of its customers.

Dow and its customers have built their production facilities around rail transportation. Rail cars reduce the need for permanent storage facilities, which are very costly.

In addition, the volume of commodities that Dow ships creates unique challenges for trucks. Using trucks would result in increased traffic and congestion, increase handling costs, and safety concerns.

The efficiency and safety of rail transportation, especially on the average long distance that Dow ships, which is greater than 1,000 miles, makes trucks not competitive.

As to the adequacy of existing STP

regulatory procedures, as has been pointed out, it's extremely expensive and complicated to file a rate case, especially large rate cases. In addition to the fees for lawyers and experts, the preparation and prosecution of a rate case takes an enormous amount of time and company resources.

2.0

These resources would be spent -provide -- better spent providing goods and
services to our customers.

On top of these rate case costs, there's enormous penalty that a company pays for simply bringing a rate case, starting with contract rates that a shipper finds unreasonable. The alternative, then, is to pay significantly higher tariff rates during the rate case.

The railroads know this is a big disincentive to filing a rate case. The recent increases in rate cases is not due to the recognition that it's an effective remedy. The rates imposed by the railroads have become

so unreasonable that the companies see no choice but to incur the costs and risks of a rate case.

2.1

So what to do? Dow believes that enhancing rail competition will support the growth of US manufacturing. This can be done by making rail competition more available at origin destinations through reciprocal switching and allowing bottleneck rates.

The success of these measures of course depends upon the reasonableness of switching and bottleneck rates.

In conclusion, Dow has experienced dramatic reduction in US rail competition.

This has resulted in significant rate increases, cost shifting, and rail franchise protectionism.

Dow, American companies, and

American workers need better access to rail

competition.

Thank you for your time.

CHAIRMAN ELLIOTT: Thank you, Mr.

1 Baker.

We'll now hear from Mr. Smith from E.I. DuPont de Nemours and Company.

MR. SMITH: DuPont is fine.

(Laughter.)

CHAIRMAN ELLIOTT: I appreciate

7 that.

MR. SMITH: Chairman Elliot, Vice Chairman Begeman, and Commissioner Mulvey, good morning.

My name is Keith Smith. I'm the Chief Procurement Officer and Vice President of the sourcing and logistics for DuPont.

Thank you for your time to share DuPont's experiences on the current state of rail competition and also to advocate for some policy changes.

America's freight railroads have been vital to DuPont since 1858. Last year alone, we shipped and received over 24,000 rail cars of 100 different commodities.

Therefore, despite the rail

industry's attempt to portray DuPont and other interested shippers as self-interested parties with short-term perspective, DuPont, in this fact, has very strong interest in the long-term success of the American rail industry, because our success depends on a healthy and vibrant rail transportation system.

DuPont, however, does not believe that a healthy and vibrant rail system continues to require regulatory protection from competition, if it ever indeed did.

As the industry has matured and overcome its former financial difficulties, it no longer requires the same degree of regulatory protection, had it been justified based on the facts that have significantly changed over the last decade.

The fundamental question that the Board should be asking in these proceedings is, why are the railroads afraid to compete with one another?

The rail industry has presented --

you know, we're confused. The rail industry
has presented two inherently contradictory
messages to the Board in this proceeding. On
the one hand, they claim that there's no need
for the Board to change its competition
policies, and that they already are subject to
extensive competition from non-in-kind modes
of transportation such as trucking.

On the other hand, they claim that enhancing in-kind rail-to-rail competition would reverse their financial progress since the Staggers Act by reducing rail rights.

If trucks have introduced true competition, how can enhanced rail competition have such a dramatic impact upon rail rates?

The industry cannot have it both ways.

Furthermore, the rail industry creates a false choice between differential pricing and competition. Differential pricing exists in many competitive industries, such as our own competitive industry with many, many competitors.

It's ludicrous to suggest that

competition between just two railroads in the

East and two railroads in the West will render

both railroads unprofitable. Each railroad

should have sufficient knowledge and

discipline to know how to price their traffic

and remain profitable.

Following the major rail consolidations that ended a decade ago, DuPont has witnessed significant changes in the competitive landscape for rail transportation.

A couple of these changes are, one, railroad mergers have resulted in greater portion of production capacity for many industries that rely on point-to-point shipping to become captive to just one railroad. This has substantially reduced geographic competition.

Consequently, a single railroad
that serves a majority of the production
points and delivery points for a commodity can
establish price and service terms without fear

of losing that business to another railroad.

Secondly, as more production capacity has become concentrated in just a few railroads, more traffic is subject to the exercise of bottleneck pricing to ensure that the bottleneck railroad's single-line movement prevails over a joint line movement.

With these two competitive changes,

DuPont has also witnessed railroad behavior that is inconsistent with a competitive marketplace. These behaviors include take it or leave it contract proposals.

Rather than negotiating based on a partnering of the railroads with DuPont to grow our respective businesses, we have seen rates dramatically increase with no benefits or service enhancements that increase downstream customer value and increase the American industry's competitiveness.

For example, we looked at price and transit times for several of our highest-

volume lanes. Since 2003, the average rate has gone up 100 percent, and the average transit time has gone up 17 percent.

Competition drives innovation.

That results in either lower costs and/or higher value. We see neither one here.

I've run many different businesses in the DuPont company over the last 31 years in very competitive industries. We have to innovate, and we've been successful in lowering the cost for our customers and improving service at the same time. We see neither in these cases here.

Secondly, contract negotiations
based on revenue demands for DuPont's full
book of business, rather than market-based
determinants, in those rare occasions where a
railroad has to -- has competition and does
have to react to a competitive offer, they
simply take that reduction in revenue and move
it to a place where there's not competition.
So the total revenue coming from DuPont

1 remains the same.

Thirdly, dissociation of contract terms and conditions from rates. In typical negotiations in most industries, there's trade-offs between price and terms. In our contracts here in this industry, we see -- we rarely see that.

Finally, we get fuel surcharges that are not linked to changes in actual fuel costs.

Reduction in rail competition has been detrimental to DuPont's ability to compete against foreign imports. Our foreign competitors can choose strategically where they enter the country and thus where their imports enter the US rail system in order to generate rail competition.

In contrast, DuPont's domestic production that is accessible by rail, 40 of our sites, 80 percent are captive -- or 32 -- to a single railroad, 80 percent of our sites.

As domestic facilities age or

reach capacity, companies like DuPont must decide whether to upgrade their plants or expand their capacity in this country. Just as railroads must justify their infrastructure investment decisions in order to attract capital, so must their customers.

Several railroads witnessed in this proceeding have questioned whether transportation costs in the chemical industry are truly significant enough to drive investment decisions. One of our largest movement of chemicals in the United States has its transportation costs 25 percent of the revenue, not only the cost, but 25 percent of the revenue.

Even when the percentage is smaller, the combination of the transportation cost plus one other factor can significantly hurt business competitiveness, both for DuPont and our downstream customers, and change our investment decisions.

The chemical industry generates

the type of high-skilled and high-paying jobs
that this country needs. This country and
American workers cannot afford to have
railroads drive off DuPont and the chemical
industry by stubbornly refusing to compete.
This lack of competition is an insidious drag
on the American economy.

Today's rail rates are less

competitive than they were upon the passage of

the Staggers Act. DuPont strongly believes

that the reduction in rail competition over

the last decade warrants changes in the

Board's policy toward enhanced rail

competition. The Board has the tools to

enhance rail competition, and we humbly

believe that now is the time to act.

One of these tools is reciprocal switching. DuPont asks the Board to make reciprocal switching more widely available at reasonable rate levels in order to create competition for captive shippers located in terminal areas that are served by two or more

1 railroads.

Secondly, another tool is debottleneck rates. DuPont asks the Board to require railroads to quote de-bottleneck rates.

De-bottleneck rates merely permit shippers to tap into the rail competition that already exists by preventing a bottleneck carrier from using its control over a short-term bottleneck segment to extend its monopoly to the entire through movement.

If necessary to obtain reasonable rates over the bottleneck segment, the shipper can challenge just the bottleneck rate. That would significantly reduce the complexity of rate cases like the one we currently have before the Board between DuPont and Norfolk Southern.

The rail industry protests that the Board should reject these two competitive measures, and instead, continue to rely upon regulation to address the lack of competition.

DuPont is well-versed in these regulatory remedies and is currently pursuing its fifth rate case in as many years.

This process, which is cumbersome, expensive, time-consuming, is not how the American business should have to expend its resources. We'd much rather rely on true rail competition and competitive negotiations with rail carriers.

In a country where our economy is based on free markets and competition, it's ludicrous that we are even engaged in a debate over the merits of competition in the rail industry.

Enhancing rail competition, in conclusion, will have a positive effect on the competition with the industry and customer benefits. As a result of the railroad market power, parts of American industry are disadvantaged not just today, but in the future.

Industries such as bio-fuels will

depend on a competitive and efficient rail system. Without competition, competitive rail rates, and service, the development of such industries in the United States could be delayed to our long-term economic detriment.

Accordingly, greater competition ix needed in the US to ensure DuPont and other US manufacturers and the American consumers are not unfairly shouldering excessive rail rates to the benefits of our national railroads.

Thank you for your time.

CHAIRMAN ELLIOTT: Thank you, Mr.

Smith. We'll now hear from Ms. Burns, from Occidental Chemical Corporation.

MS. BURNS: Okay. My name is

Robin Burns. I'm the Vice President of Supply

Chain for Occidental Chemical.

OxyChem is the leading North

American manufacturer of basic chemicals and vinyl resins, including chlorine, caustic soda, and polyvinyl chloride, the building

1 blocks for a range of products.

The chemicals we manufacture are used in water purification, medical supplies, pharmaceuticals, construction materials, and agricultural chemicals. Our products are vital to the economy of the United States.

They are manufactured at 21 domestic locations, employing 3,000 people across the central to eastern United States.

In 2010, we shipped 63,000 loaded rail cars, and incurred more than \$220 million in rail freight charges. In the five years between 2005 and 2010, which included a sustained period of general economic recession, OxyChem rail rates increased from 30 percent to 160 percent on average.

During this same time, rail costs as reflected in the fourth quarter RCAF's unadjusted and adjusted increased 19 percent and 11 percent respectively. However, in the last two years, from 2008 to 2010, the RCAFU and RCAFA decreased by eight percent and ten

1 percent respectively.

We believe the rail rates increases imposed on OxyChem are directly related to the market dominance of the railroads. Over 70 percent of our origin-destination pairs are served by only one railroad, and many of our products can only be served by rail.

This lack of options effectively provides the railroads with monopoly pricing power.

As a shipper of chlorine, we are well aware of the concerns related to the shipment of TIH materials. However, let me be clear. My comments today have nothing to do with TIH materials. My comments and real-life examples are taken from the greater than 90 percent of our non-TIH moves, including shipments of KOH, caustic soda, PVC plastic pellets, silicates and calcium chloride.

Rail competition effects every single shipper, regardless of commodity. I'd

like to take a few minutes to discuss how rail industry rules, agreements, and protocols limit competitive options and illustrate the impact on our business.

Railroad restrictions take many forms, including paper barriers, routing protocols, bottleneck rates, and access pricing. Although the Board has asked for input regarding several areas, I would like to focus on those areas that are particularly problematic for OxyChem.

OxyChem is interested in pursuing an opportunity in Scranton, Pennsylvania. The customer has two locations in Scranton, one served by the DL railroad and the other by the RBMN railroad. Both short-lines interchange with the NS and CP railroads, so multiple routes should be possible.

However, a paper barrier, a true paper barrier, prevents the RBMN from receiving freight from the CP unless the CP originates the freight. Our freight

originates in Texas, not served by the CP, meaning the only bridge carrier allowed to interchange to the RPBM is the NS.

This restriction is significant to our business. The door-to-door rates using the CP bridge route to the open DL locations are nearly 19 percent less expensive than the NS bridge route.

It's reasonable to conclude that the paper barrier increases our costs by at least 19 percent. This restriction on competition adds more than \$1,800 to the cost of each and every rail car we ship to the closed destination.

As another example of paper barriers, we wanted to consider all routes for 800 rail car per year move of calcium chloride between Ludington, Michigan, and Opelousas, Louisiana.

We sought rates using both the UP and BNSF as a bridge carrier to the AKDN.

Although a BNSF route option should be

possible, we were told that a paper barrier existed and restricted service to UP routes, and we were unable to get the AKDN to provide rates from their BNSF interchange.

With the help of the STB's Rail

Office of Public Assistance, we confirmed

that, in fact, no paper barrier exists, and we

compelled the AKDN to finally provide their

numbers for the BNSF route.

This example illustrates how poorly paper barriers are understood and applied, even by the largest US railroads, and how this lack of transparency can further limit competition.

In requesting this hearing, the

STB not only asks for competitive issues, but

also for solutions. Shippers benefit from the

continuation of rail service to areas that

Class 1 railroads might not otherwise support.

It's not in the public interest to eliminate

all paper barriers, as these can facilitate

the start-up of small rail companies that

1 otherwise might not be able to compete.

However, an outright ban on route options is unnecessarily restrictive. Paper barriers need to be reasonable. They should not guarantee the full merge into a railroad that has chosen to divest of their tracks and operations in an area. They should not be evergreen, as the justification for a barrier is probably no longer valid 10 or 20 years after a track sale.

Shippers and even carriers are confused on whether paper barriers are in place. They should be made publicly available to shippers.

A listing of which barriers are in place and for what duration of time would make these arrangements more transparent and prevent short lines from arbitrarily declining to quote competitive business.

Routing protocols also limit our transportation options. While we understand and support the railroads' need for efficient

operations, protocol objectives don't always promote the most efficient route.

For example, protocol dictates that shipments between UP-served southern Louisiana and New Jersey CSX and NS-served destinations be interchanged in Salem, Illinois.

Without this protocol restriction, the freight could route via New Orleans, eliminating 484 unnecessary miles from the transit. Additional miles add cost, wear and tear to our rail cars, and inflate our fuel surcharges.

The increase in fuel alone is approximately \$200 per car per trip. UP claims that routing even a minor additional amount of additional traffic over New Orleans will cause the system to break down in a matter of days. They also acknowledge that it is the single worst congestion point in the UP system.

However, by detouring traffic and

not dealing with underlying capacity and operating issues, we are using a band-aid to treat a decades old problem.

This is not in the best interest of shippers or the economy, but there are solutions. Years ago, congestion in Chicago was the cause of similar delays. Since then, Class 1's Belt Railroads and shippers have worked to mitigate issues, and today, Chicago interchanges are much more efficient for shippers and carriers alike.

In the Chicago example, some freight was diverted to other gateways, but this was done in a way that didn't significantly detour the freight.

The New Orleans situation is different in that the prescribed solution through Salem adds hundreds of miles to some of our loads. We would like to see open dialogue regarding these and similar issues. Historically, we have been told there is a routing protocol, and that's where the

1 dialogue ends.

We recognize there are challenges, but without working together through open, transparent dialogue, nothing will change.

Although more shippers have taken advantage of the revised rate case guidelines, railroads continue to make it difficult for shippers to benefit from them.

For example, most railroads will only offer contract rates as a bundled package, eliminating the option of shipping a few high-cost, high-volume lanes under tariff rates to allow the option of requesting STB review.

Effectively, the railroads use the threat of much higher tariff rates on our many small-volume lanes to prevent us from filing a small or any rate case.

In 2008, OxyChem contacted the Board's informal rail customer and public assistance program, and were told, quote, "unfortunately, the railroads can and

frequently do bundle rates in contract rate proposals. They are required to provide a tariff rate to a shipper upon request, but the decision to offer contract rates is the railroad's alone."

Quite frankly, this is the reason that many shippers have not been able to seek relief from the Board. Shippers cannot afford to pay tariff rates on all lanes while a rate case is tried.

In closing, I want to again illustrate how our shipping costs effect our business. Recently, we shut down several OxyChem plants. These decisions were partly due to our rapidly escalating rail freight rate.

We made these difficult decisions after much deliberation, and after weighing all options. We know from personal experience that the unrestrained escalation in rail rates impacts our ability to compete.

CSX, in their comments, claimed

that rail rates constitute less than 3 percent of the delivered price of ammonium phosphates.

A recent analysis of OxyChem's freight rates show that rail freight accounts for 10 to 15 percent of the delivered price of our products, and up to 25 percent of our manufacturing costs.

For OxyChem, rail freight rates are material and directly impact our ability to compete nationally and globally.

We are grateful for the opportunity to comment on competition in the rail industry. It's time for the Board to revisit these items. Times have changed.

Today, we have an unbalanced playing field.

Anti-competitive behavior and artificial barriers limit our choices and compound the inequities. We are hopeful that the specific examples cited by OxyChem will help the Board understand the current state, and find reason to move to a more balanced future state.

1 CHAIRMAN ELLIOTT: Thank you, Ms.

2 Burns.

We'll now hear from Mr. McIntoshfrom Olin Corporation.

MR. McINTOSH: Good morning.

Thank you. Mr. Chairman, Madam Vice Chairman,

Commissioner, we're pleased to be here today

on behalf of Olin to comment on the issues

that are in this docket relating to

competition.

I've been a corporate officer at
Olin for 12 years and have been in the
industry for many more years than that. And
our view of competition in the rail industry
is very simple. For a captive shipper, there
is no competition in the rail industry.

Because of that, for a captive shipper, we are faced every day and at every renewal of contract or discussion with the railroads with rates that exceed what would be reasonable for the railroads to earn a reasonable profit.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

In addition to the excessive rates, captive shippers are subject to onerous terms and conditions, and we recently have experience with an indemnity obligation and a tariff that we would be subject to that would essentially force us to be an insurer of the railroads against the negligence of potential third parties.

We appreciate the Board's effort to address these issues today and hope that as a result of all the facts that you uncover that there will be some changes so that competition can be returned to a very important part of our business.

Our company is headquartered in Clayton, Missouri. I'm testifying today on behalf of our Chlor Alkali products division, which has plants stretched across the continental US, including a site in Canada. And as a result of that, we deal with predominantly and many of the Class 1 railroads.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

We've been involved in the US chlor alkali industry for over 100 years, and were one of the first commercial suppliers of chlorine in the United States. We're a publicly traded company, been listed on the stock exchange since 1917, and it's our intent to continue to grow and service the public for another 100 years.

As a producer of chlorine, we produce an essential chemical, and a chemical essential to everyday life. And Robin mentioned some of the uses.

I would say that in summary, for the majority of the applications for chlorine that we serve in our customer portfolio, there are no reasonable substitutes for the product that we make and produce and transport to them.

Chlorine products and their derivatives have a substantial impact on the US economy. This is an industry of consequence contributing more than \$46 billion per year. We contribute many billions of dollars directly to the US economy, directly as the industry itself.

Chlorine is vital to our security.

It's been deemed an essential asset to critical infrastructure. It's used in materials that are significant and part of the defense establishment, including such things as bulletproof vests, helmets, parachutes, etcetera. It is essential to our nation's health, to our nation's economy, and to our nation's security.

For Olin, the importance of rail transportation can be measured by the fact that we've been in the transportation of chemicals for more than a hundred years. We ship each year more chlorine by rail, we believe, than any other producer in the world. The importance of reasonable transportation rates for that commodity and all of the other commodities that we ship cannot be overstated.

Due to the nature of the chemicals

we ship and the volume of the chemicals that are part of our portfolio, there is no reasonable economic alternative to shipping by rail.

Rail transportation is critical to the safe shipment of our chemicals, particularly chlorine, as it keeps large volumes of these chemicals off the nation's highways for what in our system are mostly long-distance routes that cannot be economically served by any other mode besides rail.

Rail executives have indicated that this is a TIH issue, or this is an issue associated with the kinds of chemicals that we're transporting. We disagree strongly.

And consistent with Robin's comments, we find that the issues with rail competitiveness, for our business, are not commodity-specific, but apply to every commodity that we ship, and cannot then accept the railroads' position.

And even if we accepted it, it's our belief that Class 1 railroads shouldn't really be allowed to decide which industries in the United States should succeed and which shouldn't.

Because there's no reasonable alternative to shipping our products by rail, rail rates are a critical concern to us. An increase in rail rates has a direct effect on the prices that our customers pay for not only our products, but for downstream goods that are made with the products we produce through other manufacturers.

In some instances, we have manufacturers with supply contracts that set prices, and the cost of unreasonably high rate -- rail rates are directly born by the manufacturer.

Obviously, manufacturers such as Olin can take steps to protect itself from risks, and we do that every day in terms of buying insurance for natural disasters and

other events like that. But there is no means to ensure ourselves from unreasonably high rail rates that a captive shipper is subject to today.

Our facilities, every one of our facilities, 100 percent, are accessible only by a single railroad, so we are truly the poster child for the impact of a totally captive company to the rail industry.

Because of that lack of competition, we are subject to whatever rates, terms, or conditions the monopoly railroad chooses to impose on us at our locations.

In our written submission in

Exhibit A, we documented what we thought was
a series of events associated with our

experience in moving chlorine from our plant
in Alabama to a customer location in Texas.

The entity, Sunbelt, is the producing location, and we feel it describes and is a perfect example of how the lack of competition has skewed the reasonableness of

the entire process, and penalizes a captive shipper such as Sunbelt in this case.

The numbers are, we believe, compelling, not more than -- or less than 15 years ago, the initial rate of movement of this commodity over this route was less than \$1,500 a car. Today, the tariff rate for that same movement is almost \$12,000 a car, an increase of over 800 percent from the original rate, the greatest rate increase we have really seen since 2002. And during that period of time, the line haul rate for this specific route has gone up 600 percent.

Further, as we documented, there has -- we have been systematically denied, when small windows of opportunity were created by other actions, either as a result of STB rulings, or other actions in the rail industry, we've been systematically denied the ability to compete by using different routing protocols or a possibility of Rule 11-type shipments.

We believe the dramatic increase
in rates is clearly the result of the current
regulatory scheme, and there is nothing that
is based on preventing captive shippers such
as Olin from being subject to this, you know,
rate abuse and the unrealistic burdens that we

face every day.

There are tools available to us, and we understand those tools, but we consider that those tools do not adequately address our concerns.

about the fact that some of the tools create a long period of time between the filing of a rate case, as an example, with the findings.

There are cases where the cost is estimated to be very high. For our Sunbelt rate, it's estimated to be more than \$12 million to prosecute that.

We believe that our experience in Sunbelt provides a pointed illustration in the way that captive shippers are treated, and

there is really no current adequate avenue of relief.

We're not the only shipper that's captive, and others have testified as to the similar situations that they find themselves in.

We have commented in our submissions that we believe a rate variable cost ceiling may be the simplest solution to the unreasonable rate request imposed on captive shippers. We still believe that to be the case, and we noticed in commentary by the Department of Agriculture that they had a corresponding sense of that as a potential remedy for this situation.

We also believe that there's one key message that really summarizes the situation we're in. There have been comments by the AAR characterizing that these hearings were not necessary, that it was a whack the pinata event where chemical shippers were really just looking for a windfall and a

1 reduction of chemical rates.

2

3

4

5

6

7

8

9

10

11

12

13

16

17

18

19

20

I consider that to be, nothing could be any further from the truth than that. What we're talking about, for a captive shipper, a company like mine, is survival.

We cannot, in the business model we have, continue to survive the rate increases that we have seen over recent history. And for us, it is a matter of survival.

We thank the Board for initiating this proceeding and hearing the comments from all the interested parties.

14 CHAIRMAN ELLIOTT: Thank you, Mr.
15 McIntosh.

We'll now hear from Mr. McGarry from PPG industries.

MR. McGARRY: Thank you, Chairman Elliot, Vice Chairman Begeman, and Commissioner Mulvey.

21 Michael McGarry, Senior Vice 22 President for PPG. And we appreciate the

opportunity to testify, as well as to supplement the testimony you've already heard from Senators Rockefeller and Vitter.

ppg was founded in 1883, so when you talk long-term, we're one of six companies that has been paying dividends for more than 100 years. We're a global manufacturer of chemicals, protective coating, glass, and fiberglass, with over 14,000 employees in the United States and 60 countries with sales exceeding \$13 billion.

Like John and others at this table, we're also one of the largest manufacturers of chlorine, a commodity classified as TIH. In our facilities, we have four, as well as two other facilities that receive chlorine by rail.

And as you know, chlorine is almost exclusively transported by rail. It's the safest overland shipment method. We do not ship chlorine by truck. Although we can ship chlorine to a limited extent by barge,

it's less than 1 percent of all volume in the US, and less than 1/10th of 100 percent of all customers in the US can receive it by barge.

Thus, our company is highly dependent upon the rail transportation system.

At our captive facilities, PPG has experienced skyrocketing rates. The cost of shipped chlorine from our Natrium, West Virginia plant is 85 percent, 85 percent higher, than Lake Charles, where we have three railroads.

The railroads have openly communicated their desire not to haul our chlorine. Ironically, they would not be able to be in business without chlorine chemistry, which I continue to remind them of that. The lack of desire to haul chlorine has caused the railroad to price this traffic at many times higher than our non-TIH traffic.

We've seen our overall costs to ship increase by more than 100 percent in six years, which I think we can all agree is

slightly higher than inflation. And recently,
PPG has had to forgo a business opportunity in
our Natrium plant where the cost to ship was
higher than the product's selling price.

In effect, the railroads are trying to dictate to whom we can sell chlorine to and which chlorine producer wins the business. This is totally unacceptable.

Unreasonable rail rates should not dictate business opportunities. The shipper should be able to choose which business to pursue or forgo, not the railroads.

Even where PPG has competition at the origin, we are still forced to pay inflated rail rates. For example, at La Porte Texas, where we ship out of Lake Charles' three railroads and Lake Charles, captive at La Porte, we pay 50 percent higher costs on the chlorine that goes to Houston, exact same routes, exact same distances. So we're definitely being hindered.

As a captive rail shipper, we also

have little chance to control or prevent the cumulative effect of raising rail rates.

While the railroads argue that the chemical companies are adequately protected by the current regulatory system because they can file a rate case with the STB, let me assure you that we do not agree that lengthy, uncertain, and expensive litigation is the proper solution.

For a large rate case, we've estimated that the litigation costs and tariff premiums that we would have to pay would be upwards of \$20 million, which prevents many companies from filing a rate case.

In addition, the artificially high tariff rates published by the railroads don't offer a lot of benefit even for small and medium rate cases, so the effect of the relief would be minimal.

And thus, PPG supports a regulatory system that would allow it access competitive rail service, for our

transportation rates to be established by working in a competitive market environment.

As many speakers before me have said, the contract rates and terms are rarely negotiated with railroads. Rather, they are dictated to the customer. This is especially true for TIH traffic.

The normal checks and balances established by the laws of supply and demand do not apply to the railroads. PPG believes that our ability to compete effectively in the chemical industry is being hamstrung by a lack of competitive rail service.

We are currently investigating a significant opportunity in our Natrium, West Virginia plant, with the Marcellus Shale opportunities, where there's an opportunity for a billion dollar chemical plant, and it's being delayed by competitive rail access.

We believe the Board should resoundedly change its policies to facilitate greater competition. We believe that increase

in access to more than one rail carrier at our captive facilities would help address this problem.

And our company believes the Board should open one or more proceedings immediately after this hearing to modify its policies, specifically, one, expanding reciprocal switching agreements; two, a reversal of the Board's current bottleneck rule; three, a mechanism to put in place to cap the RVC ratio on TIH products to avoid the expensive and time-consuming rate cases.

According to the historical AAR statistics, TIH products are only .25 percent of shipment, but .5 percent of revenue, so the railroads would not be materially harmed by this offer.

And fourth, although the railroads are required to quote tariff rates for an OD pair, the railroads' use of their market power and leverage to only provide all-tariff or all-contract rates do negatively affect

1 shippers' ability to file a rate case.

Therefore, we would offer and advocate a simplification of changes to the Board's large rate case procedures that would reduce the timing and the complexity and cost associated with that.

And finally, I appreciate your time. And obviously, we're open for questions.

10 CHAIRMAN ELLIOTT: Thank you, Mr.
11 McGarry.

Thank you, panel, for all your comments.

Commissioner?

COMMISSIONER MULVEY: Thank you. These estimates as to the cost of bringing a complaint before the Board or a case before the Board are very different from what we usually quoted. We usually hear it costs between \$3 million and \$4 million to bring a case before the Board, and we estimate the time it takes.

And we have made some efforts to simplify our large rate case procedures, where we have tried to lower the cost and reduce the time to make our processes more available.

But these estimates of \$12 million and \$20 million are truly alarming to me, because that suggest that our processes are not available. And I know we have our Office of Consumer Affairs, and I'm glad to hear that some of you have taken advantage of that and been successful. But I was wondering if it is possible for you to explain to us why you think that the costs are so high. You do not necessarily need to do it here, but provide some documentation as to why you believe it costs so much and why the estimates are so out of line with what we've experienced in the course of bringing the large coal rate cases brought by the utilities? Could you gentlemen do that, PPG and Olin?

MR. McINTOSH: We'd be happy to.

COMMISSIONER MULVEY: Thank you,

22

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

1 because that is disturbing.

I mean, there's a lot of pressure on the Board to make its procedures, its processes more open to shippers, and when we hear that we're becoming -- according to you and according to these numbers, less open rather than more open. That is, in fact, truly disturbing.

MR. McGARRY: If I could tell you, the biggest reason why is you have to go from a contract rate to a tariff rate, so your rate goes up an exponential amount. And you have to pay that tariff rate until such time as the Board --

COMMISSIONER MULVEY: But you get reparations on the tariff rate, then, don't you?

MR. McGARRY: We have some, but typically, they won't quote you just a tariff rate.

COMMISSIONER MULVEY: Okay. Olin again, too, Olin proposed in its testimony

that the Board revisit its merge decisions and impose new conditions on the mergers.

And although the Board has the authority to issue supplemental orders in merger cases, what you suggest would actually be making major changes to access and piggybacking them on the mergers that were approved long ago.

What would be the most straightforward way to address competition issues today? It's very, very difficult to unscramble the eggs, as you might say.

MR. McINTOSH: It would be nice if I could sit here and tell you that we believed that the answer to -- for a captive shipper like Olin, was just to change some of the Board's policies to create competition.

In our industry, that works, because as I sit here at the table with other companies that I compete with day in and day out, competition works. Competition does provide better services and lower prices to

1 the customers we serve.

Our Amendment -- or appendix to our original filing, though, talked about the Sunbelt situation in a manner in which quite honestly, there is the potential for competition in that move now.

And the railroads will not step forward and avail themselves of the opportunity to compete for a multi-million dollar lanes of potential revenue. We don't understand that.

So the changing of policies to create competition, while that may work for some industries, it may not work for the rail industry in this situation, because I'm facing a real-life case where Class 1 railroads are refusing to quote on business that they have an opportunity to attempt to quote on and compete with with other Class 1 railroads.

So, for us, I believe that in order to get a remedy that works for a captive rail shipper, that it's going to take not only

things which create competition but it's going to create incentives such as the revenue cap - - revenue over variable cost cap that we have advocated in our testimony and that Professor Pittman has advocated in some work he's done for the Department of Justice in his study of these issues.

It's going to create things like that as well, and quite honestly, from our perspective as a captive shipper, that may be the easiest place to start.

COMMISSIONER MULVEY: Putting caps on rates is something that would be a real departure from -- I mean, 180 rail -- revenue variable cost is a rate which decides whether or not we should bring a case when it is not really a cap.

And so I think there's always some concern about what economists would call effectively crass regulation, but at any rate, it is a suggestion.

You also notice the size and the

importance of the chlorine industry. We had the Chlorine Institute here yesterday, and they gave a very good testimony.

And you point out that the revenues or the economic impact, rather, of chlorine on the economy is \$43 million a year. I find that interesting that that's approximately the revenues of all the Class 1 railroads together.

So it's an important commodity, and it's an important industry, and I would think it's important for the railroads to continue to move it. But the railroads, as you know, are concerned about the potential liability, should there be a TIH spill.

We had a serious one, for example, a while back, in Graniteville, South Carolina, where several people were killed. And I -- while we haven't had anything that's catastrophic, thank goodness, there's always that concern.

Now, the railroads also move spent

nuclear materials, and those are also of

course potentially very, very dangerous.

There hasn't been an event yet, but if there

is an event, the liability is limited by the

Price-Anderson Bill, which covers -- protects

railroads from catastrophic liability in

moving spent nuclear materials.

2.0

Would you be supportive of a Price-Anderson kind of legislation, protecting the railroads and moving TIHs or PIHs?

Any one of you can answer that, I think.

MR. McINTOSH: Well, you know, under a separate docket, when the STB was looking at this issue, I believe there were several comments made that that was one option that would potentially solve or potentially deal with the liability issue that the railroads were raising about TIH shipments.

But I want to emphasize again that when I look at competitiveness, this is much broader for our business than just TIH

shipments. And in all honesty, we ship more volume of chemicals that are non-TIH chemicals than we do TIH chemicals, in my company.

And when we look at rail competitiveness, it is not commodity non-competitiveness. It is rail as a mode non-competitiveness. And it applies whether we're talking about shipping chlorine or caustic or KOH or bleach or any of the other chemicals that we make in our basic commodity chemical business.

So although the liability piece, you know, is a part of it, and may also require some solutions that don't exist in the marketplace today, I would again respectfully submit that this competitiveness is a broader and more far-reaching issue than the issue of TIH.

COMMISSIONER MULVEY: Anyone else want to comment on that?

MR. McGARRY: Commissioner Mulvey?

22 COMMISSIONER MULVEY: Yes?

MR. McGARRY: If I could, a couple of things to comment on. First of all, if you look at the two unfortunate and tragic accidents, both of those were 100 percent within the control of the railroads' operation.

So in this case, everybody sitting at this table has invested millions and billions of dollars into process safety in our own facilities, and we have pipelines that extend hundreds of miles to transport our product, and we take that.

So, there were conscious decisions along the way to have, you know, dark track.

There were conscious decisions to have product moved in such a manner that allowed these accidents.

So you have to say, where does that lie? But when the railroads come to us and say, they want us to indemnify us, for your actions, your gross negligence actions? That doesn't make sense. Who in a normal,

competitive environment would ever accept a statement like that?

COMMISSIONER MULVEY: The railroads, of course, all get that but for the presence of these materials, we wouldn't have the liability.

So, simply because they're carrying them or have to carry them under their common carrier obligation, that therefore, that's -- that that's a problem they want to share with the -- they want the industry to share.

MR. McINTOSH: I go back to actual testimony I made during one of the STB dockets on liability, and I would say this again. If -- and I've made this offer before to the railroads, and so far have had no takers.

If the railroads want to come to me and demonstrate to me what the incremental cost of liability is associated with TIH shipments and allow me to make a business decision comparing that with the supposed

incremental cost in rail freight for that

commodity that I have seen since the early

part of this decade or last decade, then I

would be willing to enter into a business

discussion about, is there an appropriate way

to resolve that issue? I made that offer back

then, had no takers. I still have had no

takers in dealing with that issue.

COMMISSIONER MULVEY: Thank you.

part of this hearing, and I've been outspoken on the paper barrier issue in the past, and I do have some concern about paper barriers, but my understanding of paper barriers from the railroad industry agreement is that it relates to traffic that is on the line at the time the new railroad is spun off and created, and that the paper barrier refers to the requirement of delivering that traffic to the railroad, the parent railroad, or the spinning-off railroad.

But I thought I heard you, Ms.

Burns, suggest that this was a situation where

this was new traffic that was going to be precluded by a paper barrier, and that, according to my understanding, is not -- is not consistent with what I believe to be the Railroad Industry Agreement.

2.0

MS. BURNS: That's correct. Our example was new business. But I think it gets to my point that there's a lot of confusion.

You know, we don't know if it's past business, new business, future business. We don't even know if they exist. You know, it's the perception of one, in one case, so.

COMMISSIONER MULVEY: Well, we didn't know they existed either. We were told at a previous hearing that nobody knew how many paper barriers were out there.

Then we discovered in testimony, and we verified yesterday, that in fact, the short line association had done a poll of its members and determined how many paper barriers were extant.

We do know that they do give

waivers to those paper barriers, they say very, very frequently, so we do know that happens.

At any rate, so, I think information about these should be forthcoming. They have said they're going to supply them to us, so that will be, I suppose, ultimately in the record.

But yes, if it's a new business, it should not be precluded by a paper barrier. At least, that's my understanding.

MS. BURNS: We would be very interested in seeing the list, so.

COMMISSIONER MULVEY: So are we.

I think, I want to be clear that a little earlier, before the last panel, I didn't mean to suggest. I was being more theoretical, I didn't mean to suggest that shippers do not need to be protected from potential monopoly abuses.

One of the reasons why the Staggers Act did carve out and create -- one

of the reasons why they did create some railroad regulation is that though we do recognize that there is certain potential for railroads to have monopoly power and be able to exploit monopoly positions. It is our job to balance the need for railroad revenues versus the need to protect shippers from abuse.

Let me ask the group as a -- how would you create better access. I've heard many proposals, including eliminating bottlenecks, requiring reciprocal switching, et cetera. If any of those proposals were adopted by the Board, how would they change your day-to-day dealings with the railroads, if we adopted, say, reciprocal switching?

How would that -- and would we be able to make sure that the railroads continue to invest in their facilities, if indeed they had to engage in reciprocal switching?

Or would there be a concern that railroads might reduce the amount that they're

willing to invest in a facility where they had to do reciprocal switching?

Anybody want to take that one on?

Mr. Smith?

causes innovation.

MR. SMITH: Yeah, frankly, you know, day-to-day, obviously, there'd be a lot more give and take. And, you know, the cause and effect, as we put it forward, is that would create more interest, more detailed understanding of the actual costs.

Competition, I truly believe in the long term,

The innovation is going to make improvements that will creatively bring parties together to come up with solutions that will reduce costs, that will reduce transit times, and so, you know, exactly how, on a day-to-day basis, yes, we'd be much more intimate, much more open.

And our belief is that would create more competition, that would create more innovation. At the end of the day, they

would be more successful, and we would be more successful as an American industry because of those more detailed interactions.

Our belief as well, we talked about the millions of dollars of -- you know, causing, you know, these cases. We've been through that. We're in one now.

And our belief is that it takes a long time, and it's very, very complicated.

And one of the reasons it's so complicated is because of the current policies around reciprocal switching and bottleneck pricing.

And we believe our current case and the past cases would be simplified greatly if those were in, if we did have these day-to-day negotiations, interactions.

A lot of the line -- the lanes and the rate cases we're bringing together would not be there, because of this competition. So they would simpler, they would be quicker.

You know, right now, we're estimating several million dollars over the

next period of time to, you know, prepare and litigate this upcoming case. But that doesn't include the increases in price and the tariffs in the meantime that we may get back, but we may not.

So, you know, it is -- these order of magnitude estimates, I can believe.

COMMISSIONER MULVEY: We can't discuss your case before us right now, but of course, as you know, it is different from most of the utility cases, because it represents so many more lanes of traffic than we're normally dealing with when we're dealing with a utility case. But is before us right now, and so we can't really discuss it here.

MR. SMITH: Yes.

COMMISSIONER MULVEY: I'm going to have a few more questions, but I'm going to pass it on to somebody else, and maybe we can come back, if you want, Mr. Chairman.

CHAIRMAN ELLIOTT: Okay. Yes, I just have one question. I do want to, you

know, note that I've been to many of your plants across the country.

In fact, I've been to the Natrium plant and the Lake Charles plant, so I've seen especially the amount of effort you put into safety. I commend you for it, and it's incredible what you do.

I'm going to go to Arkema. As you

-- if you were here yesterday, I asked a

question to the railroad CEOs about your

proposed pilot program and was very, very

warmly received.

(Laughter.)

I'm being -- for the record -being facetious. Yes, I don't want to be
misquoted. And, but, as you could tell, I took
an interest in it.

And you discussed it a little bit in your testimony, but could you give me a little bit more detail of what you had in mind with respect to a pilot program, if you have gone that far? I mean, I know that's --

MR. O'LEARY: Well, first of all, one of the things that we have to remember is that reciprocal switching agreements already exist, you know, in a number of places.

CHAIRMAN ELLIOTT: That was going to be my next question.

MR. O'LEARY: So, I can't sit here and tell you which ones, or where, but -- and they're successful, and they do save money.

And the railroads have figured out how to operate in that environment.

When we were bouncing around the ideas of, you know, well, let's pick a geographical area, you know, personally, Houston, or something like that, but --

(Laughter.)

-- and look at, just a pilot,
maybe even pick a particular product. Maybe
there's a limit on the volume, you know, that
you know, because the railroads have talked
about their investments and all of that, but
that's pretty much as far as we've gotten with

1 it.

But, you know, again, what has made the agreements that are in place today successful? I mean, you know, does the Board look at that and then move forward and say, we're going to try a pilot program?

CHAIRMAN ELLIOTT: Thank you.

That's very helpful.

Vice Chairman?

VICE CHAIRMAN BEGEMAN: Mr.

O'Leary and Mr. McIntosh, you touched just very briefly on Rule 11 rates, and suggesting that maybe the Board could do more to, I guess, promote them, could you just comment, and help educate me on what the Rule 11 rates are? I'm also going to ask this of the next panel.

I've read a little bit about them, and I don't know that what I've read is giving me the full picture. But if you could help give me some clarity.

MR. O'LEARY: Well, first of all,

normally, you get a through rate. So the origin railroad, let's say, goes to the delivering railroad, and they get their division, and they put together a rate, and you get a rate.

So you don't really know the cost or the rate factor associated with each railroad. You have one rate.

What Rule 11 does is basically, each rail would give you a separate rate.

VICE CHAIRMAN BEGEMAN: So is it sort of like a bottleneck rate?

MR. O'LEARY: No, it's -- you basically get two rates instead of one. And there's issues around paying freight bills and doing like, you know, things like that.

But if you have a route that goes from Houston to Florida, you know, and you have two railroads, instead of getting one rate, you will get two rates. You know, you'll have two separate rates.

VICE CHAIRMAN BEGEMAN: And you go

1 to the carriers separately --2 MR. O'LEARY: Yes. 3 VICE CHAIRMAN BEGEMAN: -- to get 4 the rate, and you say, take me from, I don't 5 know, Florida to New Orleans? 6 MR. O'LEARY: Right. Yes. And 7 then New Orleans to Houston. So --8 VICE CHAIRMAN BEGEMAN: And does 9 the origin carrier know you're going further? 10 MR. O'LEARY: Most of the time, 11 yes. Yes. 12 VICE CHAIRMAN BEGEMAN: Do they 13 always give you a rate? 14 MR. O'LEARY: No. 15 (Laughter.) There has been a reluctance to do 16 17 that, on the case of some railroads. And some railroads, they've very willing to do that. 18 19 Our experience on TIH products is 20 that they are willing to break that up.

VICE CHAIRMAN BEGEMAN: Yeah, I

21

22

quess so, but --

MR. McINTOSH: Madam Vice

2 Chairman, let me just comment.

In a lot of cases, a request for a Rule 11 rate flies in the face of the railroad wanting to give you a rate to a destination that is not the final destination of the shipment, or to a destination in which there is competition and in which that competition could create a situation where the originating carrier could lose the rest of the route to a competing carrier.

And so they are very reluctant to give you a Rule 11 rate into a competitive situation, which could potentially impact their ability to move, you know, a shipment through either its entire route, or through a majority of the route.

And they would rather, in my
experience, chose to give you a inter-line
rate, in which case -- in most cases in which
the originating carrier maximizes the amount
of the route that is theirs before they hand

it off in an inter-line rate, you know, a joint rate situation, to the delivering carrier.

There are some cases where Rule 11 rates exist, but they're not very frequent.

And again, they're not typically -- they create a situation where a railroad could, in essence, walk into a competitive situation, which they're very remiss to do.

MS. BURNS: And as a shipper, our preference for Rule 11s is two-fold. One is, today, we're relying on the originating carrier to negotiate on our behalf. We feel much more comfortable negotiating on our own behalf, and feel like that's much more effective.

The other is that when you challenge that rate, there's a lot of finger-pointing, and we don't have visibility to figure out, is it really the first part of the move, or the second part?

So, to us, it provides visibility,

and we know exactly where we need to start negotiating, and where we need to go for improved pricing.

VICE CHAIRMAN BEGEMAN: Mr. Smith, as you know, I'm new to the Board, and I am aware that you've had a number of -- I think you said five cases in five years.

Could you just sort of give me a recap of what that experience has been like for you, what the outcome has been? I think that you have been utilizing some of the smaller procedures. Has it been successful?

MR. SMITH: I quess the --

VICE CHAIRMAN BEGEMAN: Not about the one that's pending, but --

MR. SMITH: Right, we've had three smaller cases and one large rate case. The three smaller cases, you know, got to a certain point in the process. The larger rate case came in and intervened, went to mediation, and then there was a settlement we can't talk about.

So at the end of the day, getting the facts on the table, having the Board look, you know, using their -- the rules and the boundary conditions there, did force reasonableness in the process, and therefore --

VICE CHAIRMAN BEGEMAN: And your mediation was outside of the context of the Board? Is that correct?

MR. SMITH: Right. Right. Right.

And you know, so at the end of the day, we saw the investment in the litigation and the preparation of the case and the increased tariffs in the short term outweighed or -- you know, outweighed the risk, and so we went ahead and moved ahead with that.

That's why we're doing the case today, but again, repeat that if we had some of these other changes in policies, that would have made them all a bit simpler and a bit quicker.

VICE CHAIRMAN BEGEMAN: Mr. Baker,

has Dow utilized the processes at the Board?

You've talked a lot about the rates, and --

MR. BAKER: We're watching a couple of the rate cases very closely, but we have not proceeded with a case at this time.

VICE CHAIRMAN BEGEMAN: And I
think I really just have one final comment or
question for anybody who would like to respond
to it.

On the one hand, we're hearing, we need more competition. We need the Board to act to inject competition.

Equally, we're hearing from other shippers who have competition that the carriers are not competing.

But if the carriers, if it's true, aren't competing, you know, to do something on reciprocal switching or bottleneck may not give you the solution that you're hoping for.

So, I'm just -- I'm struggling with what the right thing to do is. I know maybe we all are, but I'd just appreciate your

comments. I mean after hearing from the shippers that have competitive options, you're still advocating for reciprocal switching and bottleneck.

Do you have any new concerns based on the testimony of what you're hearing that that may not be the solution?

Anybody?

MR. SMITH: You know, again, we see the reciprocal switching and the debottleneck, not going to solve all of the problems.

They will increase competition, which is a good thing, but it's not going to cover all of the issues. So there has to be some means to go in and say, is this reasonable competition, you know, through a Board process.

And again, that does increase competition. Every industry I've been in, when competition steps up, innovation, creativity comes in and forces solutions,

versus being able to rest on a monopolistic situation that says, okay, to meet my earnings, I can move prices as I see fit, versus, if I don't compete here, if I don't compete here, if I don't compete here, if I don't get creative and improve my efficiency, my innovation, and my service, I'm not going to, I'm not going to survive.

So, you know, again, make these policy changes, continue to have the accessibility and maybe a more streamlined process is necessary to increase the overall competition. I don't have any further concerns.

about a pilot and reciprocal switching is if you did go for a pilot -- you know, pilots work if everybody's incentive is to make it work. If you've got one of the parties' incentive to make it fail, you know, they can make it fail. So we have to be very careful the way we design any pilot.

MR. McGARRY: I think from PPG's perspective, we'd be interested in more options, because we think more options lead to more competition, and I don't think it could be worse than what we have now.

CHAIRMAN ELLIOTT: Thank you.

Commissioner?

briefly, I agree with you about competition spurring innovation. I mentioned yesterday the experience in Japan, for example, where most of the analyses done in economics looking at what spurred Japanese innovation in automobiles and cameras, etcetera, was, in fact, the competition between all the firms.

But, competition -- and in your industries, too, even though many of your companies have been around a long time, many of your products are relatively new.

But the railroads are a very, very mature industry, and a lot of the opportunities for innovation, a lot of the

opportunities for productivity gains, seem to have been captured. The rate of growth of productivity gains has very much slowed down, especially in the last three or four years.

Do you think that the railroads are still able to innovate, and to reduce costs, become more efficient, etcetera, given the fact that they are a mature industry?

Or do you think that it's going to be difficult for them to become more competitive and become more efficient, and that any loss of any competition might simply mean a loss of revenue, and therefore, make it difficult to attract capital?

Could you --

MR. SMITH: I give an example.

You know, one of our very successful products is sulfuric acid. I mean, that's as old as dirt, much older than the rail system. It's one of the first chemicals realized and invented.

We've reinvented that product many

times. You can imagine over the course of the year, DuPont does portfolio management, says, you know, why are we in this true commodity chemical?

But over the years, we've been able to look at that, find ways through, you know, difficult times where margins were low, where competition was in there, where we didn't see the way to make money, sit back, you know, look at it differently.

We're looking at it now as more of a service-type industry for the refining industry. So there are ways -- I mean, you have no idea, in my mind, you know, with a commodity product, what its possibilities are until you're forced to compete and innovate.

MR. McINTOSH: I would comment, I can't speak for what the railroads can or can't do from where they currently sit today, but you can make an argument that many of us at this table represent industries that are just as mature and have been around just as

long as the railroads have been in their business.

2.1

And what I find hard to believe is that in today's world of technology and information and of all of the other opportunities that are out there that didn't exist 15 years ago, in some cases, five years ago, that there aren't opportunities for any industry, regardless of how mature it is, as just evidenced by the example of sulphuric acid, to compete, to improve productivity.

And I think the constraint isn't the mature industry or anything else. I think the constraint is the fact that they don't have to compete.

They don't have to compete, so there's not a drive to innovate and improve.

And I think if they had to compete, they'd figure out a way to do it, just like the rest of us have to figure out how to do it.

COMMISSIONER MULVEY: Thank you.

Mr. Smith, you also mentioned

about fuel surcharges not being tied to cost.

And we had a hearing on fuel surcharges a couple of years ago, and we issued a ruling requiring that the railroads no longer tie fuel surcharges to the rate that they charge, which disproportionately fell on captive

shippers who paid higher rates because of differential pricing.

But we told them that it had to be tied to cost. And now we're hearing, and not just from this panel today, but elsewhere, that in fact, the fuel surcharges still are not tied to cost.

Could you give an example as to why they're not tied to cost, and how they're being levied at DuPont?

MR. SMITH: Yes. My
understanding, and I don't have a deep,
detailed understanding of this, but, you know,
the fuel surcharges come in, and they're not
required to give us the logic and the
justification about, okay, bring it back to

say, okay, fuel oil moved, and therefore, how does this -- does it reflect directly in the rate? So it's a mystery, so to speak.

2.0

MR. McGARRY: I can add to that.

Especially where it's embedded in a contract,

they say they don't have to follow the FCB

because it's a contract.

COMMISSIONER MULVEY: Oh, okay.

Thank you. Thank you.

On rates, many of you cited that rates have gone up substantially, much more than the overall inflation rates, no matter how that's measured.

But what I don't understand is what the period has been. Very often, there are these contracts that go on for 10 or 20 years, and then the rate goes up, but -- and it's always reported, well, the rate was this last year, and next year, it's that. But it also often reflects the fact that the rate had been fixed for a long time.

So on some of these cases where

quoted 151 percent increase in rates are such
as you talked about at Arkema, I don't know
what the time period was, what that was
reflecting. Was it reflecting one, two, five,
ten, or 15 years?

Obviously, over a 20 year period, 151 percent rate increase might not be that extreme. Could you comment on that? Many of you had examples.

MR. O'LEARY: Yes, when I mentioned 150 percent, that's over a five-year period. That is specific to a TIH move, so I'll be honest about that.

COMMISSIONER MULVEY: Okay.

MR. O'LEARY: And it was coming off a four-year contract. But it wasn't just the first year. I mean, it was the second, you know, and then you have one-year agreements. So, it's the first year, the second year, the third year, we saw significant double-digit increases.

COMMISSIONER MULVEY: Anyone else

1 | want to comment on that?

2.0

MS. BURNS: The time frame that we quoted was also five years, 2005 to 2010. We have come off some longer-term agreements.

However, during that time frame, the majority of our contracts were shorter-term, from one to two years, so these are year over year increases.

COMMISSIONER MULVEY: And finally, also, to Occidental and Ms. Burns, you indicated that Occidental shut down some plants because of rising rail rates.

We received four or five feet worth of testimony on these issues. So, I don't recall necessarily whether or not you identified those and why, precisely why the increase in rail rates was the straw that broke the camel's back, so to speak, in terms of having to close them down.

MS. BURNS: They were not in our written comments.

COMMISSIONER MULVEY: If you could

provide some of those, you know, that would be helpful.

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

2.0

21

22

MS. BURNS: And give you those details? It was one of many factors, but I can tell you that they were captive locations, and we had seen significant increases, and they were part of a decision of making the ultimate decision.

COMMISSIONER MULVEY: Okay. Thank you very much. That's all I have.

CHAIRMAN ELLIOTT: Thank you very much for your comments and your responses today.

Thank you, Arkema, for your idea.

And we'll bring up the next panel.

Okay. Now, we'll begin with panel number four for the day. I think we're going to start out with BNSF.

Mr. Lanigan, you have ten minutes.

MR. LANIGAN: Thank you, Chairman

Elliott, Vice Chairman Begeman, and

Commissioner Mulvey.

I'm John Lanigan, Executive Vice

President and Chief Marketing Officer of BNSF

railway. I'm responsible for sales,

marketing, customer service, economic

development, and additionally, I'm responsible

for intermodal and automotive operations and

the rail car management for our corporation.

As I move to the first slide, this was a vision statement that was created shortly after the merger of Burlington Northern and Santa FE.

And I won't read it to you, but what it really implies is that we want to serve customers, and we want our customers to grow. And that's a mantra that has been true at our company for well over a hundred years, but certainly since the merger of the two companies.

You've seen different versions of this slide before. This is the revenue version of the transportation pie in the United States. You can see, obviously, that

motor carriers are the dominant provider from a revenue perspective, and railroads are the second-largest.

And from a public policy standpoint, and also from a standpoint of the opportunity for our industry to grow, clearly, moving freight from the highway to rail is a critical aspect of the future of our industry.

When we talk about competition, we talk about it many forms. Obviously, we compete with other railroads. We also compete vigorously with trucking and the intermodal world. Also in ag, as you heard yesterday, the majority of ag business moves by truck, and also in many of the industrial products' areas that we serve.

Pipelines, interestingly enough, have become a bigger competitor of late with the finding of the shale oil and shale gas reserves in this country and the exploration of those reserves.

For example, we're hauling full

unit trains of crude oil out of North Dakota

from the Bakken shale because there is no

pipeline in the Bakken shale at this point.

And so it's created a tremendous opportunity

for us, and one in which we hope to compete as

they consider putting pipelines in that area

as well.

And then we also compete on the inland and coastal waterways with barges in our ag, coal, and bulk areas.

There's been a lot of discussion about the lack of competition since 2004.

This slide is from AARCS 54 data from the mergers in the late `90s through the week ending 5/29/2011.

The orange line is the market share of BNSF. The grey line is the market share of UP. You can see clearly that we compete. You can see clearly that the market share has shifted over time, and continues to shift today.

There have been many assertions

made by the coal shippers at this proceeding, and we wanted to address it head-on. There's been many comments that there's been a lack of competition in the West since 2004, and we believe that's just simply not true, and these statistics back that up.

In 2004 alone, BNSF won new business to 13 plants and lost business to four plants. From 2005 to 2011, we've won new business or increased share to 30 plants, and lost business to 21 plants.

And during that period of time from 2004 to 2011, coal delivery to 11 plants changed hands more than once. We serve about 75 different coal-generating plants, and if you added up all those numbers, that's a significant portion of the total plants that we serve that we've either won or loss business or the business has changed hands since 2004.

And finally, we believe that it's not true that competition does not exist where

a shipper awards business to the incumbent railroad.

In fact, I was profoundly dismayed this morning by the comments of one of the coal shippers who has asserted that we have not competed for business. And in fact, after this proceeding, we'll send you a confidential letter detailing an opportunity that we bid on earlier this year that went multiple rounds in which we lowered our price twice and still did not gain the business. We will demonstrate to you that competition is alive and well in the coal market in the Western U.S.

As you look at what's happened to BNSF since the merger, growth was slow in the early years of the merger, and then in the 2003/2004 time frame, our growth really accelerated at unprecedented rates.

Shippers enjoyed declining rates from the implementation of the Staggers Act into the early 2000s. Excess capacity and cost reductions were absolutely critical for

the railroads as we attempted to heal our networks, but also, dealing with the aftermath of the mergers and taking out redundancies caused by the mergers, back office consolidation, redundant lines, the sale of low-density lines to short line organizations, etcetera.

We worked for 25 years to take those costs out of the network, and the shippers benefitted greatly by reduced rates over that 25-year period of time.

As you can see, our productivity was increasing still dramatically from the time of the merger of BN Santa Fe all the way into the 2003/2004 time frame, and then you can see that it's kind of evened out. And this is a productivity measure, a thousand GTMs, gross ton miles per employee.

So, our efficiency was really dramatically improving over time, but we kind of ran out of the low-hanging fruit that Commissioner Mulvey talked about in the fact

that we had taken into consideration all of
the merger efficiencies that we could ring out
of it, that the elimination of low-density
lines, etcetera, crew consists haven't changed
in quite some time, so we've had the same
labor situation for a long period of time.

So you can see from 2004 through 2008, although we've made incremental gains in productivity, certainly nowhere nearly what we had seen in the past when we really had the low-hanging fruit that we could go after.

But as far as innovation, there were some comments made by the last panel about spurring innovation. At BNSF, we have an innovation process.

In fact, every year, we create a series of initiatives that are designed to try to find some of the next big things that will help us be more efficient and more effective.

This year, we have 21 separate large initiatives that we're working on that are the responsibility of senior leaders in

the organization to lead and put teams together to prosecute those initiatives.

Some of them bear no fruit, but each year, a number of them do bear fruit.

And our goal is to at least off-set 50 percent of any inflation factors through these initiatives. And we're also hoping at some point to get big bangs so that we can see greatly improved productivity in the future.

This is a picture of our investment in the network. Another thing that you've heard from many of the panelists over the two days thus far is that our service has gotten better over time, and this is why. If you look at the investment in the network, particularly from 2004 on, and compare it with the investment in the network prior to that, we have invested significantly more capital over the last six or seven years than we had in years preceding.

And that has allowed us to provide better service to our customers by renewing

existing assets, building new assets, new terminals, additional track, in some cases, double, triple, and even quadruple track in the Powder River Basin following the weather events in 2005.

And we have greatly improved our service because we've been able to invest in the network and our owners, both when we were a public company and now that we're a private company have supported that, because of our improving returns over time.

I think this slide tells a very, very telling story. This is indexed to one, in 2000, the relative movement of our operating expense per thousand gross ton miles and the growth rate of our freight revenue.

And as you can see, they mirror each other very, very closely.

There's a little deviation in the 2009/2010 time frame, and that's easily explainable. During the recession, we took out assets very, very quickly, and downsized

our business in response to what was going on in the recession and the loss of traffic because of the recession.

And as we are building the network back up, traffic has come on faster than we've been rebuilding assets, but this year, you'll see that cost curve go back to the historic norm.

The other thing you should take away from this is the fact that you can see that our costs per GTM increased dramatically starting in that 2004 time frame.

Finally, I won't read these slides to you because many of the comments made here were made by the rail panel yesterday, but I think I bring a different and unique perspective to this hearing.

I spent 16 years with Schneider

National, one of the largest truckload motor

carrier groups in the United States.

Arguably, the truckload motor carrier industry

is the most competitive industry in America

from a standpoint of transportation, freight transportation, thousands and thousands of competitors, all of whom can serve every customer.

When I think about how we competed when I was a Schneider versus how we compete today at BNSF, I see no difference. We compete hard for our business. We look at each opportunity as an opportunity for us to grow and an opportunity for us to help our customers grow.

CHAIRMAN ELLIOTT: Thank you, Mr. Lanigan.

We'll now hear from Norfolk

Southern. I believe we're starting with Mr.

Manion.

And you have ten minutes.

MR. MANION: Well, good morning,
Commissioners. On behalf of Norfolk Southern
Railway, I'm Mark Manion, Executive Vice
President and Chief Operating Officer. And
with me today is Jim Hixon, Executive Vice

President of Law and Corporate Relations.

Two major points Norfolk Southern has made in this proceeding are that number one, any policy change would undermine past rail investment in infrastructure, future investment in infrastructure, innovation, and the economic benefits of rail throughout the US. And secondly, that proposals such as forced access and forced interchange would adversely affect the rail network, rail operations, and accordingly, the shipping community generally.

First, the Board should take care not to undermine the substantial investment railroads like Norfolk Southern have made in this nation's rail infrastructure and the innovation that is underway.

It's been widely documented that there's a crisis in transportation infrastructure looming. Railroads, however, are private companies spending their private dollars to make sure that efficient and safe

rail transportation remains a competitive advantage for the United States.

Now, Norfolk Southern itself has invested billions of dollars over the last ten years. The uncertainty in traffic flows that forced access and forced interchange would create would make investment more problematic and harder to justify.

The ability for customers to shift traffic would make it difficult to predict whether a particular investment could be justified. In addition, Norfolk Southern's developing or implementing numerous innovations to improve its service, so that it can compete even more aggressively against other railroads and other modes of transportation in the surface transportation marketplace.

An example of this is our unified train control system. This is analogous to an air traffic control system on steroids. Where an air traffic control system allows a

controller to coordinate and manage plane movements, UTCS safely and efficiently coordinates train movements and maintenance work into a dispatch system.

It allows dispatcher to see trains well in advance of their arrival in the dispatcher's territory. But UTCS does more than air traffic control systems, because it prioritizes trains and determines the optimal place for them to meet and pass each other.

Norfolk Southern is the only railroad in the world pursuing movement planning at this level of sophistication.

Importantly, UTCS is only as good as the information it's provided, including infrastructure, resource capabilities, operating objectives, and operating plan.

One of the critical pieces of information that must be provided are train flows. Because forced access or forced interchange removes predictability in rail movements by allowing shippers to alter

movements on a whim, one of the key UTCS inputs, that being the operating plan, would be undermined.

Second, forced access and forced interchange would generate serious adverse network effects. Running a massive network is incredibly complex, with multiple types of traffic, such as intermodal, coal trains, grain, and others, all using the same set of limited resources.

Norfolk Southern's rail operations are designed to both meet customer needs and to function effectively, efficiently. We should meet the different needs, we must meet the different needs of different customers.

To be able to hone operations to get the most out of our resources, Norfolk

Southern must be able to make reliable predictions about its future operating patterns. We go to great effort to go into the future and predict traffic flows to plan our resources. Forced access and forced

interchange would undermine our ability to plan ahead and adequately place resources where they'll be needed.

Now OPD, or our operating plan developer, is a technological tool that allows us to plan the movement of each of more than 170,000 rail cars currently on the NS system. It uses algorithms to evaluate a host of variables, such as the least handlings for cars, the fewest crew districts to operate, the shortest distance, in order to determine the most efficient and safest route for each of the cars or blocks of same destination cars and trains.

If the shortest route has curves or speed restrictions, it takes that into account and finds the most efficient route, even if it's a longer distance. Forced access and forced interchange proposals would nullify the decades of effort Norfolk Southern has put into streamlining its network.

Forced access would create

operation problems. With two railroads
operating on the same infrastructure, it would
increase the number of locomotives and cars
needed. It would create new crew
qualification issues.

Now similarly, forced interchange would create operational problems by altering traffic flows inefficiently. I'd like to compare two interchanges. One, my example I'm using, is one in Cleveland, Ohio, and the other in Marion, Ohio.

And here on the map, you're looking at an efficient interchange at Cleveland and an example of an inefficient interchange at Marion.

Rockport Yard, which is the yard in Cleveland, is on the lower left of the slide, and it is an interchange point between Norfolk Southern and CSX. That yard has ample capacity to interchange hundreds of cars. It is secure. It's very efficient.

Importantly, cars received are

immediately classified in the yard and forwarded on outbound trains. As you can see, there's been substantial investment in infrastructure at this facility.

All right. Now, turn to Marion,
Ohio. The interchange at Marion is a single
track. There is little infrastructure in
place. Only about 35 cars can be interchanged
here, and even then, they must be forwarded to
Columbus to be classified.

Furthermore, any trains working this interchange block the main line.

In this comparison between a Cleveland interchange and a Marion interchange, under forced interchange, customers could opt for Marion. You clearly see Marion's less efficient interchange point, and in fact, it would result in congestion and delay.

While a modest amount of interchange is currently handled by local trains today at Marion, you can see that

increased interchange would be very
inefficient, stopping through trains, blocking
the main line, adding work events, and in the
end, delaying all our customers' freight.

Finally, as the safest Class 1 railroad for the 22nd year, a benefit of reduced handlings and work events is the reduction of injuries and accidents. Adding more work events increases the risk of injuries and accidents, and that is something that we and the government should strive to avoid.

MR. HIXON: Good morning. Norfolk Southern has submitted to the Board substantial comments on opening and reply, and we'll not repeat all those points that we've made.

Now, unsupported allegations have been made in the papers that do not withstand scrutiny.

Some say that railroads harm export. The actual facts tell a very

1 different story. There we go.

2.0

As you can see, exports have grown steadily since 1992, except during times of recession. In fact, US exports in March 2011 were the most reported in history.

For Norfolk Southern, export

traffic excluding import traffic, even when

you exclude the -- even excluding truck work

traffic -- even exceed import track even when

you remove the export coal -- I'm sorry, if

you get to that slide -- shows that even our,

if you take out the export coal, our exports

are growing faster than our imports.

Now, in conclusion, Norfolk

Southern urges the Board to recognize a lack
of justification for proposing changes to
existing regulations dealing with access to
the rail network, and we ask that you
terminate this proceeding.

Thank you.

CHAIRMAN ELLIOTT: Thank you, Mr.

22 Hixon, Mr. Manion.

Thank you, panel, for your help today, especially with the operational matters. I know that matters that it came up quite often yesterday, so it's nice to hear those thoughts.

Mr. Manion, just with respect to the charts that you had, you pointed to the Cleveland interchange facility and the Marion. And I think I've seen both of them, just because I used to live near there.

Now I could see where there would be a dilemma having some form of forced access at the Marion facility. Obviously, it's not fit for any additional traffic.

But what if, instead, that we had a forced access only in facilities where there are proper facilities, like the Cleveland yard? Would that pose a problem operationally?

MR. MANION: We don't want to stop a shipment to switch it, to handle it to another train, unless it's absolutely

necessary to do so, and that's why we've spent so much time and so much investment on our computerized planning capability.

When -- and I referred to our operating plan developer before, and that has allowed us to get to a point where, when we route a shipment from origin to destination, this planner takes into its calculation all the different efficiencies and inefficiencies that are out there and it's going to route it in the most effective way to get the shipment to the customer.

Now, if part of that has to do with changing from one train to another, keeping in mind that for most of general merchandise traffic, to get from origin to destination, you know, going across country in many cases, most cars don't ride on one train the whole way.

And so it's necessary to, in a lot of cases, as many as three different times during the course of a car's trip, they will

change from train to train, and we have the cars do that at the most efficient points.

But we don't do it with any more frequency than we have to, because these terminals, like the one that we're talking about at Cleveland, these are absolute cost. They cost us money.

There's no revenue that comes out of stopping and handling a car at these locations, so we certainly don't do it any more often than we have to.

So, to your question, if we have to stop a place like Cleveland is where we will do it, but we're certainly not going to do it anymore than we have to.

CHAIRMAN ELLIOTT: What about the counterpoint that I think one of the shipper groups made with respect to reciprocal switching; that, because they're not going to be taking the train, they're just going to get off, their crew's going to get off and your crew's going to get on, would that alleviate

some of your concerns?

I have to say, I'm not an operations expert here, although I worked with guys that did it for 16 years. One of the shippers' arguments, that says that it's not less efficient in reciprocal switching, said that if they pull their train in, and then you're taking a train from there because it's reciprocal switching, that it would just be a matter of switching crews.

So, if a CSX train pulled in, the NS train -- NS crew would get on.

MR. MANION: I think there -- I have heard some of the dialogue surrounding reciprocal switching, and honestly a lot of what is being discussed is really foggy to me. I think there's -- I don't know how a good an understanding there is as to what reciprocal switching is, frankly.

I think people are talking outside of what current-day reciprocal switching is.

And, you know, just briefly, to help clarify,

when reciprocal switching is in place, that is taking -- the traffic is being conveyed from one railroad to the other, either at the origin point or the destination point.

And in most cases, that is taking place because one or the other railroad doesn't have a route, or doesn't have a good route to wherever the shipment is going.

So, that's reciprocal switching.

Now, this business about -- I think some of these other things that are being discussed really are more what we would call forced interchange, where there is some kind of an interchange of traffic mid-route. And any time you change horses mid-route, you have got inefficiencies.

Something that is center to operations on a railroad is velocity. It is all about velocity. And we spend a tremendous amount of money on systems and on infrastructure to be as seamless as we can to continually increase our velocity. Because

when we increase velocity, when we do the type of things that keep shipments from having to stop, whether it's at the origin or the destination or the mid-way point, when we do that, everybody wins.

The customer wins, because they
get their shipment more promptly. It's a
faster through-route. And, it's more
predictable, because we are better able to
stay on the schedule that we have promised our
customer, and we do that.

I mean, we tell our customers, when we sign up for the business, we say, you will get your -- you'll get your shipment in x number of days, and increased velocity very much allows us to meet those targets.

So the customer wins when we increase velocity. But the other great thing about it is is that the costs drop out when we increase velocity, because our assets turn more quickly. We get more turns out of equipment, and we get more turns out of our

1 locomotives and our cars.

And when you get more turns out of your assets, you either, a, don't have to buy as many of them in the first place, or b, you've got more assets for increased business down the road.

So it's all about velocity when it comes to operating a railroad. And these things we're talking about, whether it's the forced interchange, or the forced access, or stopping at Cleveland and finding another crew, another railroad to take it over, which is not something we want to happen, because it flies right in the face of increased velocity. All these things that are being discussed about stopping traffic slows velocity.

CHAIRMAN ELLIOTT: Thank you.

Actually, I think at some point in there, I

think I got the answer I was looking for, so
I do appreciate that.

MR. LANIGAN: Mr. Chairman, could
I add something to that?

1

CHAIRMAN ELLIOTT: Sure.

MR. LANIGAN: I think most of the

2

3

customers have talked about reciprocal

4

5

switching were single-car type customers, not

unit train customers like the example that you

6

gave.

7

Each and every day, we take unit

8 trains of coal, of ag, etcetera, through

9

gateways. Our crew gets off and the Norfolk

10

Southern crew or a CSX crew jumps on and

11

continues on to destination. That's a normal

12

part of our operation every day.

13

CHAIRMAN ELLIOTT: Let me follow

14

up on that with respect to your operations.

15

Are there voluntary reciprocal switching

16

agreements in place now that you believe are

17

working effectively, operationally speaking?

There are about 13

18

percent of our traffic is open to switching,

19

20

and it's open to switching. It doesn't

MR. MANION:

21

necessarily mean that it's taking place, but

22

it's open to switching.

And as I said, those are cases in most instances -- those are cases where one or the other railroad doesn't have a good route to get to destination.

So, current-day reciprocal switching arrangements are what I would call more a matter of necessity, just from a practical standpoint, because one railroad can't get all the way where the car needs to go.

So, do they work? Yes. We make them work. Do they work as well as if you didn't have to have those additional handlings at the origin or destination? You're darn right.

It doesn't work nearly as well, because you've got to take -- you've got more crews involved, you've got more infrastructure involved, you've got one crew that has to deliver to a siding or a spur track or whatever the arrangement is.

Those cars are going to sit there

for some period of time, and it's not as slick as one might think. Maybe they're going to sit there for 12 hours. Maybe they're going to sit there for more than two days.

And then they get picked up by another crew, and they get re-handled. So it's not -- it's something we try to avoid, but it can't be avoided in all cases.

CHAIRMAN ELLIOTT: Okay, I think that probably answers my follow-up question, which was, why wouldn't it also work in a forced access situation? But you explained that it's not as practical to have the extra switch or whatever is involved in a connection.

MR. MANION: Well, and the reciprocal arrangement, while it is inefficient, it is not as onerous as the forced access concept, because under forced access, you not only have this same arrangement with inefficiencies, with the extra infrastructure you have to have, with

the coordination of crews, but now you are
into a situation where you've got two
different parties, two different railroads,
both working their operation over the same set
of railroad tracks, having to coordinate, and
that sets up a whole new layer of
inefficiencies.

CHAIRMAN ELLIOTT: Thank you.

That's very helpful.

I'll give one softball to Mr.

Lanigan, since he's a Cleveland Indian fan.

On one of your charts, with respect to efficiencies, I noticed in 2010, you had a significant increase, I thought almost even more than -- and I wasn't even comparing it to 2009, but overall. And I was just wondering, it seemed quite significant, and if you could explain how that happened.

MR. LANIGAN: Well, as you know,
Mr. Chairman, during the recession, we stored
a lot of cars, we furloughed people, we took
a lot of cost out of the business very, very

quickly. And in 2010, we were slow to bring a lot of the assets back on because we couldn't predict the recovery. We couldn't -- customers were reluctant to give us forecasts, because they couldn't forecast their markets.

2.0

So we spent the entire year -- I would call chasing the demand and coming up short from a standpoint of having the appropriate assets.

This year, you're going to see
that reversed because one, we're hiring 5,000
people this year. We're adding rail cars,
we're adding locomotives, our record capital
expenditures this year, etcetera. That
curve's going to bend again.

It was really just a function of the timing of the recession and coming out of the recession.

CHAIRMAN ELLIOTT: Thank you.

Vice Chairman?

VICE CHAIRMAN BEGEMAN: Thank you.

Mr. Manion, Chairman Elliot asked

a number of the questions that I wanted to ask, and probably everyone in the room except me understood something that you said, so just bear with me, if you don't mind.

I thought what you said was that typically, there can be maybe three switches from your origin to destination. But then I thought you also said when you were describing to us what reciprocal switching really is, versus an interchange, that it only happens at an origin or a destination.

So, I guess I'm -- how can it happen three times if it's only in two places?

MR. MANION: Right. Let me try to do a better job of explaining that.

During the course of business for traffic that we'll say is just totally within Norfolk Southern's control, in most cases, for general merchandise traffic, our shipments aren't able to ride one train all the way from the origin to the destination point. And, you know, it's -- we're kind of a big spiderweb in

1 the East, if you will.

And to get a shipment crosscountry to its destination, on the average, it will ride on three different trains. Does that make any sense so far?

VICE CHAIRMAN BEGEMAN: Yes.

MR. MANION: Okay.

VICE CHAIRMAN BEGEMAN: So they're interchanging?

MR. MANION: And that is not referred to as -- interchange is between two different railroads. When we stop at -- we have major terminals, major what we call hump yard terminals throughout our system, and they're designed to reclassify or to classify cars to put same-destination cars all together in blocks and ultimately in a train where they all want to go to the same location.

So, as we move those cars and trains through our system, we're simply what we call making connections, and that's something we put a lot of emphasis on.

Within our own railroad, we are operating trains on time, on schedule, so they get -- and every single car has a -- every shipment has a schedule. Not to get to deep detailed about it, but it is, it's a detailed, complex business.

Every car has a schedule, and across the railroad, it has a schedule of how it is going to route, what blocks it's going to be on, what trains it's going to ride.

And so it's necessary that we keep trains on time so that they will get to the next yard or terminal point and connect -- I said connections -- connect to the right train, right car on the right train, in order to, again, get to the next terminal, if that's where it's going, and go through this process again.

Now, all of that is separate and distinct from reciprocal switching and interchanges that go on between two different railroads, and they are two distinctly

1 different things.

And with your reciprocal switching, that's just a case where one railroad is not able to handle it the whole way, and they either -- maybe they have a reciprocal switching arrangement at one end of the railroad or the other, and, we -- and in other cases, we will interchange a car from one railroad to the next because we may not be going where that car needs to go.

Does that help?

VICE CHAIRMAN BEGEMAN: Yes.

Thank you.

And you also mentioned 13 percent of your traffic is open to reciprocal switching.

MR. MANION: Right.

VICE CHAIRMAN BEGEMAN: I think that's what you said. Do you happen to know what the general percentages would be for the other carriers, how much it is system-wide?

MR. MANION: I really don't. I'm

not inclined to think it would be radically different, but I don't know the answer to that.

2.0

MR. LANIGAN: Ours is a little bit higher than that. It approaches 20 percent.

VICE CHAIRMAN BEGEMAN: Would both of you respond regarding the testimony from the intermodal representative, why is it that the carriers seem to compete so heavily for the intermodal traffic?

Is it because that's where the money is versus what we're hearing about the coal traffic?

MR. LANIGAN: Well, for openers, I think we compete for all traffic, so I want to make sure that that's clear.

VICE CHAIRMAN BEGEMAN: And your testimony did make that clear.

MR. LANIGAN: I think the difference with intermodal is that a truck can go anywhere. And I spent 16 years in the trucking industry, and a truck can go

1 anywhere.

But a single truck, single driver, is more expensive than a train, economics, to haul containers or trailers.

We have two individuals on the train hauling up to 300 or so containers, 150 trailers, depending on the configuration of the train, which would take 300 or 150 truck drivers to do the same work.

So we have a distinct cost advantage against truck, but we're not as flexible. We can't go door-to-door like a truck can, and I think what's happened over time is that we've developed the density of the networks, both in the West and in the East, to provide frequent enough service that we can work with our trucking partners to develop a service that is very close to trucklike from an overall timing standpoint, but yet has the economics of rail embedded in them, and that's what's created that competitive environment in intermodal.

VICE CHAIRMAN BEGEMAN: I sort of gave you a heads up that I was going to ask about Rule 11 rates. Could I get your perspective as far as how it works with your system, and when you offer them, and when you don't?

MR. LANIGAN: We do Rule 11 rates all the time. In some cases, we offer them to customers, and some customers prefer them, and some don't. In other cases, customers will ask us to quote a Rule 11, and we'll do it anytime a customer asks us to do it.

VICE CHAIRMAN BEGEMAN: And are they utilized more frequently now, or are they less so?

MR. LANIGAN: Much more frequently than, say, five years ago. I don't know what the percentage is, but it's a significant increase in Rule 11 rates over the last five years.

VICE CHAIRMAN BEGEMAN: And do you have a sense of why that might be? I know

that the chemical shipper mentioned that
they'd like to have control over -- and like
to know what they're paying for from each
carrier, but --

MR. LANIGAN: I think that nails it on the head. The customer wants more transparent information on how their shipment is moving.

VICE CHAIRMAN BEGEMAN: And are there times when you won't provide one?

MR. LANIGAN: I'm not aware of

any, when we've been asked to provide one.

VICE CHAIRMAN BEGEMAN: Did you want to comment on, from your perspective?

MR. MANION: Well, I would comment on the fact that we compete so heavily in all the different modes of business, and just like John said, I don't care if it's your general merchandise, your ag, your automobile business, coal business, intermodal business, and we're living proof of it, because we lose business.

Fortunately, we gain business, 1 2 too, but it is fiercely competitive out there. 3 And, you know, it goes back to the point I was trying to make about how we try to maintain a 4 5 scheduled operation and increase our velocity so that we can provide the kind of service 6 7 that a customer needs, because if we can't 8 provide the service, we lose it.

9

10

11

12

13

14

15

16

17

18

19

20

21

22

And even our -- I mean, even our employees are involved in this, as strongly involved as they are in our safety process, which we take a lot of pride in, they are well aware that their paycheck comes from the customer, and if we don't provide service like we promise, we'll lose it.

VICE CHAIRMAN BEGEMAN: That's all I have for now.

CHAIRMAN ELLIOTT: Thank you.

Commissioner?

COMMISSIONER MULVEY: Thank you.

Adjectives mean a lot. I know that we hear about captive shippers from one side, and we

Neal R. Gross & Co., Inc. 202-234-4433

hear about singly-served shippers from the other side.

So -- the word forced access is interesting. Basically, we're talking about open access. That's the term that's usually used. No one is forcing a railroad to interchange. You may be forcing the owning railroad to accept interchange, but you're not forcing the other carrier to enter into the agreement.

A question for Norfolk Southern.

You said that forced access or open access
would be harmful because it would make traffic
flows unpredictable. But the railroads
already have had reciprocal agreements for
years and years and years, albeit, they have
been going down in recent years on most lines.
And that presumably also would alter traffic
flows.

So what would make a Boardregulated rule on reciprocal switching
requiring more open access so much more worse

1 than what you have today?

MR. MANION: Well, Commissioner, the reciprocal arrangements we have today are ones that we have agreed to. They're ones where we have -- we have ourselves said customer x is open to switching. So under that arrangement, we plan around that. It's less efficient, but we plan around that.

And with an open access

arrangement, traffic would be routing through
another carrier, through this open access

arrangement, I presume, in one instance, and
in another instance, the customer may find it
more desirable not to route through that
interchange point, and we'd be handling it.

And the uncertainly leaves us at - or would leave us at a point where we never
know where to invest our money in
infrastructure. Are we going to be handling
that business and consequently be able to get
a viable return on our investment in
infrastructure? Or not? And so it would make

	Page 238
1	the whole thing very unpredictable.
2	COMMISSIONER MULVEY: But
3	investments in infrastructure are always
4	unpredictable. You invest because you believe
5	the business is going to be there.
6	Hopefully, you get lucky, as in
7	the case of one person at that one railroad on
8	that panel. You make an investment, and
9	eventually, they come, and you have the
10	advantage of having made it.
11	And sometimes, the investments are
12	made a little earlier, and they don't come
13	when expected, and so you lose. So there's
14	always that risk when you invest in
15	infrastructure, that you're going to get the
16	business or be able to accommodate the
17	business.
18	You mentioned also
19	MR. LANIGAN: Commissioner, if I
20	might add
21	COMMISSIONER MULVEY: Yes.

MR. LANIGAN: -- but you're making

22

that investment based on your best projections about the business that you have and the way that business is going to grow, and if that becomes completely unpredictable, you won't make the investment.

COMMISSIONER MULVEY: But shippers or consumers, however you want to label them, they always have a choice of who they're going to go to, not always, obviously, but often have a choice of where they're going to go, and that's one of the things that makes our capitalist market society work, that there are effective suppliers and effective demanders who have some choice.

So as we said before that for example, reciprocal switching or open access can lead to inefficiencies and take longer to shift a car to another railroad, et cetera, but those all increase transport cost, and increase the time for transport.

And those would be decision points that a shipper would look into and say, well,

I can maybe have an interchange, or I can have open access, but it's going to take me a day or two longer, and I don't want that, so, I'm going to stay with my existing railroad -- continuing to have, say, have Norfolk Southern do it, rather than take advantage of the open access, because it would take longer, and it would increase the cost.

Wouldn't that be true? Wouldn't some of those things be caught up in the rate structure?

MR. MANION: Commissioner Mulvey, what I come back to is this open access arrangement in any situation builds in additional costs, and it flies right in the face of what we're trying to accomplish.

Excuse me for the somewhat pedestrian analogy, but if I want to use UPS to ship a package from my home in Virginia Beach up to my mother in Boston, and I go to the UPS counter and say, well, I'd like to ship this to Boston, but when that package

gets to Boston, I'd like you to transfer it to the United Postal Service and have them deliver it to her, that doesn't make any sense whatsoever, because we all know how disruptive and costly that is. But that is not far away from what we're talking about here.

COMMISSIONER MULVEY: Right. But if you wanted to pay, and if UPS said, well, we can do that, we'd have to call the postal service, they would have to send a truck over, pick it up, and move it out and that's going to cost an extra \$20, and you said, fine, I'll pay the extra \$20, because that's how I want it to go, wouldn't that be your right? Why should you be denied that right, then?

MR. MANION: I don't think there's a lot of -- could that be done? Yes, it could. Is that logical? I don't think it's logical at all.

COMMISSIONER MULVEY: And then you wouldn't do it, because it's not logical, nor would a shipper do it, if indeed, it didn't

1 make some sense.

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

We're presuming here, I think, that with open access, that the shipper would see a benefit and do it, not that the shipper would just ignore the fact that it was going to take longer, or ignore the fact that there are additional inefficiencies and additional costs, no?

MR. MANION: Commissioner, I really don't think that's the case. getting the sense that -- you know, with all good intentions, I think this is a case of individual customers who see a one-off possibility to get a lower rate in their instance, but the reality is is that the overall costs in terms of our infrastructure costs, in terms of our not being able to provide good service anymore, in terms of a downward spiral of overall service, all that would deteriorate, while this individual customer is saying, hm, I think I can create a situation here where I can lower my rate by 1 a little bit.

2

3

4

7

8

9

10

11

12

13

14

15

16

17

18

19

20

22

COMMISSIONER MULVEY: So you're suggesting the road to Hades is paved with these good intentions.

5 MR. MANION: I couldn't have said 6 it better, actually.

COMMISSIONER MULVEY: Well, I couldn't have said it differently, because there's a mixed group here.

A couple of the charts I had some questions about. All the charts were in nominal terms, in terms of the capital expenditures, rather than in real terms? In other words, they're in current dollars rather than constant dollars?

MR. LANIGAN: They were the dollars in the year that they were -
COMMISSIONER MULVEY: That's

MR. LANIGAN: Current dollars.

current dollars.

21 COMMISSIONER MULVEY: If it would

have been constant dollars, there might have

	Page 244
1	been a little less draconian changes from year
2	to year, or
3	MR. LANIGAN: A little bit, sure.
4	COMMISSIONER MULVEY: With regard
5	to one of the Norfolk Southern capital, the
6	last one was 2011, which was B, and what does
7	the B stand for? Was that a projection, or
8	was that a year-to-date, or what? I didn't
9	see I didn't quite catch it on that, the
10	capital expenditures for 2011 for Norfolk
11	Southern?
12	MR. MANION: Budget.
13	COMMISSIONER MULVEY: Oh, budget.
14	Oh, okay. Thank you. So we don't know what
15	the actual expenditures were, or would be for
16	that year?
17	MR. MANION: No, I mean
18	COMMISSIONER MULVEY: Are you on
19	budget on that?
20	MR. MANION: historically, I
21	mean, historically, that will be about where
22	it comes in, and frankly, in a good year, it

might bump up a little from the --

COMMISSIONER MULVEY: Well, that's quite a bit higher than in 2010. That's quite good.

One last question and that was in regard to the UCTS program that you have, would that be able to be what the PTC -- a full PTC system would do. Would that be a kind of a prelude? Or, if you have to adopt to adopt PTC, would that replace UTCS, or would UTCS complement PTC?

MR. MANION: No, they are two different things, and what UTCS does not do is take over control of the movement and have the ability to stop it if the engineer isn't doing -- isn't handling their train they way they should.

COMMISSIONER MULVEY: But PTC does that. My question, I guess, is, does PTC -- especially if it's a full system of PTC, would that give you some of the same things you're getting now with UTCS?

MR. MANION: No, it doesn't. In fact, it doesn't give you any of those same things.

COMMISSIONER MULVEY: Okay. So they are two separate, hopefully complementary, but not competing, but certainly they're systems that accomplish --

MR. MANION: They're two separate things. The big difference is that with UTCS, there is a lot of efficiency built in.

Efficiencies allow us to do a better job with a scheduled railroad, efficiencies for fuel saving and handling environmental concerns, and so when we spend money on UTCS, we are getting a big return on our investment. When we spend money on PTC, we're not getting a return on investment. And you're familiar with the stats.

COMMISSIONER MULVEY: We all know the numbers. Would UTCS improve your ability to handle open access if that came down the road? Would UTCS be something that would

enable -- facilitate your ability to handle an open access requirement?

MR. MANION: No, actually, UTCS would be quite disrupted by any kind of an open access or open interchange type scenario, and I'll tell you the reason for that.

UTCS is only as good as --- like any computer system, it's only as good as the information that you give it.

And with open access or open interchange, all of a sudden, you are throwing in a wide variety of permutations as far as different flows for traffic, and when you throw all that in the mix, UTCS is going to have a much harder time being efficient.

And you know, simply put, what

UTCS and the movement planner portion of UTCS

does, what it does is it looks at all the

different variables going on around it,

whether it's other trains that are hours away,

as much as eight hours out.

It looks at what the topography of

the railroad is. It looks at what trains are entering the system, and if there suddenly are, I'll just say, unplanned or unknown movements that are showing up through open access points or open interchange points, it is disrupting to the planning function of UTCS.

COMMISSIONER MULVEY: So it wouldn't allow UTCS to optimize the efficiency of the yard?

MR. MANION: You said it better.

COMMISSIONER MULVEY: It would be sub-optimal.

John, one last thing for you, and that is you were talking about the evidence of competitiveness in the coal fields, changing of service to plants between the major railroads.

Hasn't there also been some of that too on the intermodal side in the West Coast, that haven't there been changes from one railroad to another for large amounts of

intermodal movements at the same time, over the last few years?

2.0

MR. LANIGAN: Yes, there has been some shifting of business between us and UP on the West for intermodal as well.

COMMISSIONER MULVEY: So that also suggests that there's also some competitiveness out there.

MR. LANIGAN: We've shifted businesses, Commissioner, in every one of our lines of business, coal, ag, industrial, and intermodal on a year-to-year basis.

We have to replace ten to fifteen percent of our business through losses, etcetera, on an annual basis. So, yes, there's competition all the time across all of our businesses.

COMMISSIONER MULVEY: Okay. Well, thank you very much. Thank you very much.

VICE CHAIRMAN BEGEMAN: I have one last question for you, Mr. Lanigan. I know you were here yesterday, certainly during the

afternoon when Western Coal testified, and I
asked them about the chart that indicated that
the competitive traffic was actually at a
higher rate than the captive traffic. And I'm
wondering if you care to comment on that
chart.

MR. LANIGAN: For our total book
of business, captive traffic remains higher

MR. LANIGAN: For our total book of business, captive traffic remains higher than competitive traffic overall on an average basis.

9

10

11

12

13

14

15

16

17

18

19

20

21

22

VICE CHAIRMAN BEGEMAN: But not on Powder River Basin coal?

MR. LANIGAN: I can't specifically answer that, Vice chairman. I don't have that information at my fingertips.

VICE CHAIRMAN BEGEMAN: All right.

Thank you.

CHAIRMAN ELLIOTT: Thank you very much. We appreciate you coming today.

We'll bring forward panel number five. Just for everyone's information, I think we're just going to plow ahead and not

have lunch today, because we're making pretty good progress here, and I think that will just prolong things, especially for people who have flights to catch or maybe want to catch an earlier flight to get home.

Also, for this panel, we may have another speaker come in where you'll have to get up again. So I just wanted you to be aware of that. But you will have your full speaking time.

Okay. Why don't we get going with panel number five? We'll start out with Diversified CPC International.

Mr. Frauenheim, you have ten minutes.

MR. FRAUENHEIM: Thank you, Mr.

CHAIRMAN ELLIOTT: We need you to get that mike, speak into the mike, otherwise, the court reporter can't --

MR. FRAUENHEIM: Thank you, Mr.

22 Chairman.

Chairman.

1 CHAIRMAN ELLIOTT: Great.

MR. FRAUENHEIM: My name is Bill Frauenheim. I am Vice President of Operations at Diversified CPC International --

CHAIRMAN ELLIOTT: I see I've been abandoned by my fellow board members here, so

MR. FRAUENHEIM: -- a leading manufacturer and distributer of liquified gas, aerosol propellants, and specialty gas liquids in North America.

I'm responsible for the operations of Diversified CPC's liquified gas processing facilities in the US.

My role as Vice President of
Operations includes the Diversified CPC's
transportation function that reports to me.
For the past 13 years, Hydro Consulting
Limited has helped us manage our rail
transportation. They keep me informed on
transportation issues, and I frequently
participate in meetings with carriers.

Diversified CPC has filed initial comments and reply comments in this proceeding, and we endorse initial comments and reply comments submitted by interested parties and by West Lake Chemical Corporation.

Diversified CPC is headquartered in Channahon, Illinois, and has six manufacturing and distributing facilities in North America, with 48 employees. Even though Diversified CPC is considered a leader in the aerosol propellant industry, Diversified is considered a small shipper.

We have 37 rail lanes. Volumes in those lanes range from 1 to 181 tank cars annually. Between inbound tank cars and outbound product tank cars, we ship about 1,000 tank cars per year.

Diversified CPC relies on Class 1 railroads for inbound shipments and raw materials to deliver products to customers.

While we also ship by truck for shorter distances, some customers request rail

deliveries, and truck transportation is not always a practical alternative for long-haul moves.

Therefore, rail is a critical part of our operation and the ability for competition to be competitive.

The railroads have adopted a position that rail rates declined in real terms during a 30-year period following enactment of the Staggers Act, and that shippers have benefitted from the cost savings. Further, they try to justify aggressive pricing practices based on the need to build and maintain their infrastructure.

I cannot comment on the general statement by railroads that rail rates have declined since enactment of the Staggers Act. What I do know is our cost of doing business with the railroads have increased, and we frequently need to remind the railroads that Diversified CPC has also invested capital for infrastructure improvements so that we can

increase freight volumes with the railroads.

For example, Diversified CPC has invested more than \$2.2 million at its rail-served plants for infrastructure improvements required to maintain and increase rail shipments.

We cannot always pass those costs through to our customers. These projects included rail infrastructure improvements and storage at our Petal, Mississippi facility; installation of additional rail car unloading stations, rail car risers, and bulk storage tanks at our Anaheim, California, Petal Mississippi, and Miami, Florida and Sparta, New Jersey plants.

The Channahon, Illinois plant was originally constructed with three sidings and eight tank car loading and unloading stations. Prior to the latest expansion to add a fourth siding, we added four additional tank car loading and unloading stations, and bulk storage for a new product blend shipped

1 exclusively by rail.

The plant now has 16 tank car loading and unloading stations, effectively doubling the loading and unloading facilities of the regional plant design. The plant can now handle up to 24 tank cars on its four sidings.

While Diversified CPC has invested capital in infrastructure to increase rail shipments, the railroads seem to have a onesided view of the need to earn adequate return on investments.

In 2004, one of our customers asked our company to develop a new product for our customer's foam packaging operations. We developed the new product, which was accepted by our customer. Diversified CPC acquired additional tank cars, and we invested more than \$500,000 in construction of a storage tank farm, blending system, and associated pumps and piping for the new commodity.

During the three years that we had

the business, rail costs for this move increased more than 41 percent. We're in a very competitive business in the aerosol propellant industry, and in our other business units as well.

The railroads disregarded our warnings, and ultimately priced Diversified CPC and the railroads out of the business.

After we lost the business, the carriers asked what they could do to help in the recovery of the business.

They re-established the rate that applied prior to the last increase, but unfortunately, it was too late.

While we understand the need for the railroads to earn an adequate return, it was extremely unfair for the railroads to encourage us to develop business that required capital investment and then subsequently chase the business away with irresponsible pricing practices.

We believe that this example

demonstrates that the competition in the railroad industry may be inadequate. For this particular lane, both origin and destination are classic bottlenecks. 100 percent of Diversified CPC's rail lanes have bottlenecks at origin and/or destination.

While we do not have an agenda to request competitive access at all locations,

I believe it possible that simply having an option to open industries to reciprocal switching would create a competitive environment that will serve the public interest.

We have one plant that is not operating according to plan that could benefit if served by a second carrier. Our plan when locating that plant was to serve customers by rail and truck. However, outbound rail rates proposed from that plant have not been competitive, so we've been forced to serve those customers from other origins.

We believe it likely that rail

volumes and production at that plant would increase if served by another carrier.

Diversified CPC does not have an agenda to file complaints with the STB to seek relief from unreasonable rates. First of all, we prefer to resolve issues directly with the railroads, where possible. Second, current procedures are not practical alternatives for small shippers like Diversified CPC.

The railroads contend shippers do not need competition, so long as we have regulations. In other words, if we do not like rates, we can file a rate case with the STB.

This clearly indicates that the railroads are out of touch with customers, or maybe they simply don't care about our business.

When the Board developed new proceedings and standards for small rate cases, it was a step in the right direction.

However, they offer no practical recourse for

small shippers like Diversified CPC as the litigation costs would outweigh the potential gain.

This is evident by the fact that recent rate cases have been filed by very large companies, including DuPont, Total Petrochemicals, and M&G Polymers.

The cost of litigating a rate case under current procedures, including the small rate case and simplified SAC procedures, prohibits most shippers, and especially small shippers like Diversified CPC, from seeking relief at the STB, leaving us little or no recourse.

Small shippers like Diversified

CPC should have access to seek Board

protection from unreasonable rates and unfair

practices.

Mr. Chairman, in conclusion, competition in the railroad industry, in our view, is inadequate. We commend the Board for initiating this proceeding.

We encourage the Board to create some additional competitive marketing alternatives to shippers, including practical solutions for small shippers.

Potential alternatives include simple access to reciprocal switching and variable cost thresholds for switching costs.

Finally, the Board should review current rate reasonableness standards and rate case procedures and consider changes that may be necessary to establish a simple procedure that would give small shippers like Diversified CPC the ability to seek Board relief from unreasonable rates and unfair practices.

I appreciate the opportunity to comment on the competition in the railroad industry, and we're hopeful that this information that we have submitted will contribute to the process that will lead to a comprehensive decision that will address these difficult and challenging issues.

Thank you.

1 CHAIRMAN ELLIOTT: Thank you very 2 We'll next hear from M&G Polymers. much. You have ten minutes. 3 4 MR. FOURNIER: Thank you. 5 Chairman Elliot, Vice Chairman Begeman, and Commissioner Mulvey, good afternoon. 6 7 My name is Fred Fournier, and I'm 8 the Global Marketing and Sales Director for 9 M&G Polymers USA. I'm here to testify on the 10 current state of rail competition as experienced by M&G, and to support changes in 11 12 the Board's policies that would enhance railto-rail competition. 13 14 M&G Polymers is the North American operation of M&G Group, which is a global 15 16 producer of polyethylene terephthalate, or 17 PET is a plastic that's used in PET. 18 packaging applications. It's used in making 19 plastic bottles, food packaging, carpet

> Despite our global presence, M&G is a family-run business that manages to

fibers, among many others.

20

21

22

compete on the highly competitive world stage through technological innovation and lean operations.

We produce PET at two plants in North America. One is located in Altamira, Mexico, and the second in Apple Grove, West Virginia.

We also recently have just announced plans to construct a new facility at a location in the Gulf Coast that is yet to be determined.

M&G has a strong commitment to investing in the United States, but that commitment has been sorely tested by our experience as a rail captive shipper in our West Virginia facility.

As I'm sure you're well aware, M&G is in the midst of a rate case against CSX, which is the sole rail carrier at our West Virginia plant.

Our decision to pursue that case was not made lightly or without lengthy

discussions with CSX, and this is because of the significant cost and time associated with rate cases.

Before we decided to construct a new plant on the Gulf Coast, we had focused our attention on expanding the West Virginia facility, which also would have significantly increased the number of rail shipments from that plant.

However, we could not justify that expansion based on our rail costs. Despite sharing that fact with CSX, we still cannot obtain rates for a contract for a term that made sense to us.

Although we are challenging our existing rail rates at the Board, we cannot defer our investment, that decision, for two to three years while waiting for an uncertain outcome, nor could we have challenged CSX rates on movements several years into the future to locations to be yet determined.

Therefore, we were forced to

1 search for other sites for this project.

In M&G's experience, railroads routinely inhibit or restrict competition even where such competition may appear to exist, at least on paper.

For example, when M&G has attempted to use rail to truck trans load to get around a bottleneck destination carrier, the railroad serving the bulk terminal frequently asks us, wanting to know, what is the ultimate destination of the subsequent truck shipments before they quote a price.

The railroad has no need for that information except to determine whether the trans load is being used to bypass another railroad.

Railroad marketing personnel have told us on more than one occasion that they have no interest in trans load traffic when we have the option to ship by rail directly on a competitor.

When railroads lose competitive

business, they make up for the lost revenue
through the remaining captive traffic.

Despite railroad arguments that shippers can
leverage their competitive traffic to get rate
concessions on their captive traffic, the
reality is that the railroad really enters
into negotiations with a revenue target that
it's going to hit, whatever combination of
captive or competitive rates will get it
there.

At competitive destinations, another example, railroads will use the needs of M&G's customers for storage tracks to foreclose competition. The customer, our customer, will direct M&G to ship to its lease track on railroad A, which precludes M&G from using railroad B.

Because M&G, not its customer, pays the freight, M&G is left holding the bag for the higher line haul freight bill.

Some other evidence that competition is lacking includes the following:

rail rates have steadily and significantly increased, even through the recent severe recession, while other supposedly competition modes decreased rates.

The second one is, despite the potential for significant additional traffic from Apple Grove expansion, CSX was unwilling to offer rates and a contract term that would provide reasonable rates for a sufficient length of time to justify the expansion at West Virginia.

Because CSX serves a majority of
the PET production in the United States, there
also is very little geographic competition.

Moreover, where geographic competition still
exists from foreign production, CSX has been
non-responsive.

For example, PET shipments to the Pacific Northwest are equidistant from M&G's Mexico plant and from our West Virginia plant. We source those customers from our Mexico plant, and this is because the rates are much

1 lower getting it from Mexico to the Northwest.

2.1

Moreover, M&G has lost business to foreign imports at destinations that were as far as 400 miles from the nearest port because our transportation costs were not competitive.

The rail industry contends that trucks provide adequate competition, even when rail may not. This simply is not true for the plastics industry. Over 85 percent of M&G's North America production is delivered to our customers in rail cars.

Most of the remaining 15 percent is delivered by truck, goes to customers that don't have rail access, customers that purchase less than rail car quantities, or they're rail-served customers where they require expedited shipments.

This is because our customers have a choice between rail and truck. They almost uniformly require rail.

Rail cars are not just transportation vessels. They are storage

vessels as well. Like most PET producers, M&G does not have an extensive storage silos field at our production plants. Since most of our customers receive rail deliveries, we use the rail cars for storage.

2.0

Even when we ship by truck, the truck is trans-loaded from a rail car into the truck. Even when we ship -- excuse me.

Likewise, our customers, they also rely on rail cars for storage because they also do not have extensive storage silos.

This is the predominant industry practice. Consequently, trucks are rarely competitive alternatives to rail for M&G.

When it comes to the changes to enhance rail competition, although we are availing ourselves of the regulatory remedies for unreasonable rates, even as we speak, its costs are enormous. You've heard that before.

Our case right now just came to the one-year anniversary, and we're looking at another one or two years before it will be

1 settled.

Right now, we've spent \$7.3

million in the first year, or through May of this year. Over 60 percent of that is in the tariff rates. So as Commissioner Mulvey had said, it is quite an expensive process, and I think it far exceeds what you originally thought might be the cost of doing it. To be honest, it exceeded what I thought it would cost.

We were prepped and told that it could cost \$10 or \$11 million. I think you'll see that we're looking that it may cost us between \$15 and \$20 million before we're done. And this is -- and this again is responsible for consultants, attorneys, but overwhelming, this tariff rate that we have to pay during the meantime.

So, the opportunity cost to go through your process is going to cost me \$15 million, and I think that's too much.

So if the Board cannot streamline

its rate case process, it needs to find ways to enhance competition where it does not exist, and to allow competition to work more effectively where it does exist.

2.1

M&G would much prefer to allow a competitive market for rail service to determine reasonableness of its rail rates.

The Board can and should modify its existing policies to facilitate such competition through the requested reciprocal switching and bottleneck rates that you've been hearing about for the last two days.

Reciprocal switching enhances competition by eliminating very short bottleneck segments that are the only barrier to competition rail service.

Bottleneck rates simply unlock competition that already exists over non-bottleneck segments. It also has the potential to greatly simplify the determination of reasonable bottleneck rates.

In closing, I thank the Board for

the opportunity to share M&G's perspective on rail competition and the policy changes that could foster greater competition in the rail industry.

M&G stands prepared to work with the Board, with the railroads, and others in the industry to enhance rail competition, improve its efficiency of the rail transportation system wherever possible, on which our nation's economic well being, we understand, so much depends. Thank you.

CHAIRMAN ELLIOTT: Thank you very much for your comments.

We'll next hear from United States

Gypsum. You have ten minutes.

MR. MACKO: Thank you.

Chairman Elliott, Vice Chairman
Begeman, and Commissioner Mulvey, thank you
for the opportunity to offer comments to you
today on ex parte 705 covering competition in
the railroad industry.

My name is George Macko, and I'm

manger of transportation for the United States

Gypsum company, a subsidiary of USG

Corporation, headquartered in Chicago.

For brevity, we'll refer to ourselves as USG in our comments.

I'd first like to provide a few qualifying statements on who we are, what we ship, and the scope of our rail operations in North America, and then offer comments specific to the subject of this meeting.

USG is North America's leading producer of gypsum wallboard, joint compound, and a vast array of related products for the construction and remodeling industries. We are also the global leader in the manufacture of ceiling suspension systems and are recognized as the premier manufacturer of acoustical panels and specialty ceiling systems.

Through our subsidiary L&W supply, we are also the nation's largest distributor of drywall and related building products,

serving the trade via a network of more than 160 distribution centers throughout the US.

use ships an array of raw materials and finished products throughout the Us, Canada, and Mexico via the North American rail and intermodal networks. We are a manifest, unit-trained, intermodal and export shipper with total rail network activity exceeding 25,000 shipments per year.

33 of our 36 manufacturing facilities are rail-served by a combination of five Class 1 railroads and 11 short lines, and we lease approximately 400 rail cars to support inbound raw materials and unit train operations.

The subject of this hearing is strategic in nature, and very important not only to USG but to our country as a whole.

When distilled down, it's really about two key issues: one, managing the country's transportation infrastructure into the future, and rail's critical role in that process, and

two, reaffirming the fundamental value of America's free market economy and understanding the dynamics of supply and demand.

Over the last five to seven years, the railroad industry has clearly turned the corner on profitability. Much to our satisfaction, they've been very diligent and have prioritized investing those profits back into the railroad resulting in higher productivity and expansion of operations.

Some observers have referred to these profits and operating improvements as a rail renaissance, and we couldn't agree more. This increased profitability has been the focus of intense debate, and has resulted in a call for change by a number of shippers. The calling of this hearing is but one example.

It's USG's position that this renaissance was the intended objective of the Staggers Act. One only need look at the

before and after picture. Prior to Staggers, the railroad industry was dying and systematically broken, with no means for reinvesting.

Although it's been a long journey since Staggers, we've seen Class 1 mergers, consolidation in the short line industry, work rule changes, falling and rising rail rates, innovation in technology all culminating in the momentum of the last five to seven years.

Unmatched by any industry in the country if not the world, the railroad industry is now voluntarily investing almost 20 percent of sales back into the business to make itself more reliable, more competitive, and to answer the growing transportation needs of the country.

As a shipper, we cannot afford to see this progress stopped or throttled. The US economy and our transportation network needs the railroads profitable, growing, investing, and hauling more freight for our

1 country.

In our opinion, the issue here is not about the level of railroad profits, are they fair, but rather, are the railroads responsibly reinvesting those profits for the benefit of the shipper community and the country.

Our answer to that is emphatically, yes, and they should continue.

We're going to combine our comments on a number of related issues identified by the Board, including alternate through-routes, terminal facility access --

CHAIRMAN ELLIOTT: Mr. Macko? We have Senator Franken here, so if you could just hold that thought, and we'll have you up here shortly. I appreciate your understanding.

SENATOR FRANKEN: Where would you like me?

21 CHAIRMAN ELLIOTT: Right here up 22 front, right where you are, that would be 1 great.

2 SENATOR FRANKEN: Thank you, Mr. 3 Chairman, for accommodating me.

Chairman Elliott, members of the Board, thank you for holding this hearing on competition in the rail industry, and for giving me the opportunity to testify today.

I want to thank the gentleman who just interrupted their own testimony.

I can't tell you how important railroad -- rail-to-rail competition is for shippers in Minnesota. Whether you're talking about agricultural products or electric utilities or manufacturers, they all depend on rail for shipping.

It's critical that we have a competitive rail industry that provides affordable rates and reliable service for American shippers, both to keep jobs here in America and to keep American industries competitive in the global marketplace.

This issue is deeply personal to

me. I moved to Minnesota when I was four years old. My dad didn't graduate from high school, and he didn't have a career as such, but my grandfather, my mom's dad, owned a quilting factory out East, and he gave my dad a chance to start up a new factory in the Midwest.

So he moved to Albert Lea,

Minnesota, a small town in southern Minnesota,
to start a quilting factory.

My Dad was a great dad, but he wasn't a great businessman, and the factory failed after only two years, and then my Dad decided to move us all up to the Twin Cities where, essentially, I grew up.

Years later, I asked my Dad, why Albert Lea? And he said, well, your grandfather -- and that's how he talked, he was from New York -- your grandfather wanted to open a factory in the Midwest, and the railroad went through Albert Lea.

So, I said, well, why did the

1 factory fail?

He said, well, it went through
Albert Lea, but it wouldn't stop.

(Laughter.)

Basically, the railroad shook him down to ship his goods, and it was so expensive that the factory failed.

Now, I'm going to date myself here. That story is 50 years old, and sadly, I don't think things have changed all that much for shippers in Minnesota over those 15 years.

The railroads may be doing a heck of a lot better, but in my two years in office, as I've traveled around Minnesota, I've heard nothing but terrible stories from shippers, companies in a variety of different industries in Minnesota who all are struggling to get big Class 1 railroads to play fair and quote them equitable and reasonable rates.

These businesses have come into my office in DC and told me stories of rate hikes

and unreliable service and of unexpected
tariffs being tacked on to their normal bills.

I've also heard from some

companies who have decided that it's cheaper

to import products from overseas into the US

rather than producing them and shipping them

out of a plant in Minnesota where they are

captive to a single railroad that's charging

them an arm and a leg for transportation.

That's just not right, and you don't need to be an economist to see that. It isn't just bad for small business and for farmers in this country. It's absolutely terrible for our nation's economy.

Most of these shippers don't want to say anything publicly, because they realize it would be a fight between David and Goliath, and that they fear retaliation. And that alone should tell you that there is something unfair going on here if a shipper can't come in and publicly say something for fear of retaliation.

These businesses need to maintain their relationship with the one railroad that serves them, and they've got no other way to ship their goods.

In my view, that's one of the most telling signs that we don't have a competition rail industry in America today, this fear that these shippers have, that they are too scared, as I said, to speak for fear of retaliation.

We've got a major problem, and if we don't fix it, we're being complicit in handicapping US industries in the global economy.

That's the point I want to really drive home today. And I realize I am not alone on this point. The President's Export Council, chaired by the CEO of Boeing, agrees with me on this.

In a letter to the President back in March, the Council identified Surface

Transportation Board reform as part of a national strategy to make American industries more competitive in the global marketplace.

And I know the Department of Justice and

Department of Transportation and USDA and GAO

are all saying exactly the same thing.

It's the responsibility of this

Board to protect shippers from anti
competitive practices in the rail industry.

Congress has given you broad authority and the

flexibility to take action. It's time to

examine the STB's policies and make necessary

changes to protect shippers from unreasonable

rates.

Now, there is no question that we need a financially healthy rail industry to have a strong economy, and thanks to STB policies over the last three decades, we've got a profitable rail industry today. Class 1 railroads are some of the most profitable businesses in our country today.

Despite a sluggish economy, over the last several years, railroads are announcing record earnings that have allowed them to more than double their dividend

payments to stockholders and spend billions more repurchasing stock.

We have a very healthy rail industry, and that is a good thing. But it's only one side of the coin. We can't have a healthy rail industry at the expense of shippers, and there are things that the STB can do now to make sure shippers remain competitive.

The GAO has laid out several possible open-access policies that the STB should strongly consider to increase competition in the rail industry. I know that USDA and others have laid these out in detail in their filings, so I won't spend a lot of time or any time delving into these right now.

But I hope the STD -- sorry, STB -

_

(Laughter.)

20 -- Surface Transportation Board,

21 absolutely a clean, healthy group --

(Laughter.)

1 -- so far as I know -2 (Laughter.)

2.1

-- will take a serious look at these overdue proposals.

I'd also like to encourage the STB to reconsider its current accounting polices that allow the inclusion of acquisition premiums in a railroad's asset base.

I led a bipartisan group of senators in a letter to the Board in March on this topic, and I appreciated your reply indicating that you would consider a shift in this policy.

The Board's treatment of acquisition premiums put captive shippers at risk because they have no choice but to pay higher rates passed on to them by the railroad. And ultimately, it means that a smaller number of shippers will meet the 180 percent threshold that's required to challenge rates before the STB.

I strongly urge you to address

this issue when you're considering ways to improve competition in rail markets.

In closing, I'll just say that contrary to how this issue is often portrayed, rail competition isn't about shippers versus the rail industry. It's about the health of the American economy and keeping America competitive in the global economy.

That's in everyone's interest, shippers, railroads, and the millions of people that work in these industries.

I hope the Board will act soon to make sure that American industries can stay competitive in our increasingly global marketplace.

Thank you once again for the opportunity to testify, and for taking -- accommodating my schedule, and I appreciate your careful consideration on these issues.

Thank you.

21 CHAIRMAN ELLIOTT: Thank you,
22 Senator Franken. We appreciate you taking the

Page 287 1 time and sharing your views with us. 2 SENATOR FRANKEN: Appreciate it. 3 Thank you. 4 CHAIRMAN ELLIOTT: We've been 5 called much worse, so. 6 (Laughter.) 7 SENATOR FRANKEN: Sorry. I'm 8 sorry about that slip. 9 CHAIRMAN ELLIOTT: That's okay. 10 (Laughter.) SENATOR FRANKEN: It will never 11 12 happen again. 13 (Laughter.) 14 CHAIRMAN ELLIOTT: Okay. We can 15 bring up the prior panel. Mr. Macko, I believe we were in 16 17 the midst of your testimony. MR. MACKO: I'll pick up wherever 18 19 I left off. 20 CHAIRMAN ELLIOTT: I'm sure you 21 can't match the prior testimony, but give it 22 your best shot.

MR. MACKO: I'll do my best.

The subject of this hearing is strategic in nature, and very important not only to USG but to our country as a whole.

When distilled down, it's really

about two key issues -- managing the country's transportation infrastructure into the future and rail's critical role in that process, and reaffirming the fundamental value of America's free market economy in understanding the dynamics of supply and demand.

We're going to combine our comments on a number of related issues identified by the Board including alternate through routes, terminal facility access, reciprocal switching agreements, bottleneck rates, and access pricing.

When we look at this combination of subjects, it would be humanly impossible for a shipper not to get excited about the prospects of totally opening up the existing rail network.

Shipping from an origin with

railroads.

access to multiple carriers to destinations served by multiple carriers could be viewed in some circles as nirvana. While it's easy to get swept up into the thrill of the thought, we have to pause and remember, these are private rail networks owned and built by the

Investments to grow and expand were made on the basis of what these investments would return to the railroad in terms of productivity, profits, or new business. They were not made on the basis of investing for the entire railroad industry and competitors.

As a free market driven company, we at USG would struggle with the notion of investing not only for ourselves and our customers but also for the benefit of our competitors.

The railroad industry should not be viewed any differently. Efforts to open

the system will directly impact the railroad investment decisions of the future by adding a very awkward decision element of how would our competitors expect to benefit from our investment.

In our opinion, in a free market economy, that concept defies any level of logic. There have been many published studies that project the condition of the nation's transportation network over the next 20 to 30 years, and a few were referenced in yesterday's testimonies.

These subjects all have a common thing. Without significant investment, the US transportation network's productivity and capacity relative to demand will decline, particularly in our metropolitan centers.

The challenges are distributed amongst all modes of transportation. The highway issues are extremely complex, and indicate the need for staggering amounts of money and coordination at the federal, state,

1 and local levels.

In our opinion, our highway system has no clear direction or solution in sight, and the future is not bright.

While rail has a similar large investment need, the actions necessary to move forward are significantly different. As a private network, the railroad industry funds its own maintenance of business and capacity growth.

Over the last few years, they've also created a number of unique private/public partnerships to enhance and accelerate this investment process.

The bottom line is that the railroad industry is poised to address the growing needs of the country's transportation network, and do it primarily by itself, and most importantly, without a burden to the US taxpayer.

It is USG's fundamental belief that a dollar invested in rail for the future

will move more freight, move it safer, and move it more environmentally friendly than that same dollar invested in any other competing mode.

We cannot afford to do anything that will stymie this process. We could surely go into significant detail on each of the operational issues identified by the Board. It's USG's view that as attractive as some of these ideas may sound on the surface, they cannot be pursued and implemented at the potential expense of the railroads investing for the shipping community and the nation's future.

Our future ability to efficiently and cost-effectively move our goods to market is far too important and critical to the long-term success of our business than the short-term revenue shift that these changes may bring.

Railroad profits should not be shifted to other parts of the supply chain,

but rather retained and invested in the growth of the existing rail network.

We use a variety of transportation modes to serve our business. With the total transportation spent of approximately \$400 million annual, rail represents about 15 percent of our total spend.

While predominantly a truckload shipper, we use rail and lanes where it offers us the best value. Rail is the most efficient and safest mode for moving our products in those lanes.

Let me emphasize this point. We utilize rail in select lanes because it's the most competitive mode when compared against alternatives. The process has served us well since Staggers, and we see no basis for changing these market-based rail solutions into the future.

In summary, America's free market system is unmatched anywhere in the world.

The fundamental objective of companies

operating in a free market is to be profitable, so one can invest in one's business's future and the future of one's customers.

Since returning to profitability, that's exactly what the railroads have done and continue to do. As stated earlier, the shipping community and our transportation needs the railroads profitable, growing, investing, and hauling more freight for our country.

The railroad system is not broken.

It's not in need of a tweaking, and it does

not need a shift towards regulation. The

objectives of the Staggers Act are being met

and fulfilled every day.

The industry has adapted. It's healthy. It's reinvesting in itself and is growing to meet the future needs of the nation.

True to the act's original intent, the objective now is to let the progress

continue, and to let our valued business

partners continue to grow the best railroad

network in the world.

Thank you.

CHAIRMAN ELLIOTT: Thank you,

panel.

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

2.0

21

22

Vice Chairman?

VICE CHAIRMAN BEGEMAN: Sir, I think you just mentioned that 15 percent of your transportation is via rail. Is that what you said?

MR. MACKO: Yes.

VICE CHAIRMAN BEGEMAN: And I know you also mentioned that you're from Chicago.

When you choose to utilize rail, do you have competitive options, or are you -- I mean,

Chicago certainly is a big gateway.

MR. MACKO: We review all modes.

We review modes between rail carriers --

VICE CHAIRMAN BEGEMAN: But I mean as far as rail-specific, do you have multiple carriers that you utilize?

MR. MACKO: We do have facilities that are multi-served, shipping to facilities in some cases that are multi-served.

2.0

And I think the important thing to notice or to reference is to be careful that we don't misinterpret open access. I can cite several examples where we have an open access, multi-carrier solution. But you know what, no two railroads are built alike.

I can cite an example of our facility in West Texas that routinely ships rail to the Denver market, on both railroads.

One railroad's route is 800 plus miles. The other railroad's route is 1400 miles. The rates are not the same, nor should they be. Open access does not guarantee the same route to destination.

And so when we look at -- when we look at routes, we look at, what are our available rail alternatives, available truck alternatives, and available intermodal alternatives, and we work with all three

1 modes.

VICE CHAIRMAN BEGEMAN: Well, I think you're in a lucky position compared to a lot of the shippers that have testified, because they truly are captive, particularly the chemical guys in one of the previous panels, who was strictly had no option other than rail.

Sir, you indicated that the processes that the Board for bringing rate complaints just still are sort of out of reach for you. Do you have any specific recommendations of what the Board could do, should do, to address you concerns?

MR. FRAUENHEIM: Our outbound rail shipments, rail spend, annually is about \$2.6 million, so trying to litigate a rate case for a company of my size, as Fred said, it costs a lot of money. It's just not open for us.

Our revenue to variable cost ratios for our average shipment is about 400 percent, which is more than twice what the 180

percent that would allow us to potentially put through a rate case.

I really don't have an answer for you of what you can do. I did pick up this handy little brochure coming in this morning--

VICE CHAIRMAN BEGEMAN: Good.

MR. FRAUENHEIM: -- the Rail
Customer and Public Assistance Program. I
wasn't aware of this program.

It sounds like it may be a very good alternative for small shippers like myself, so, I'll look into that further. So it might be that my coming here, that this was very beneficial, so, we'll see.

COMMISSIONER MULVEY: Yes, I'm glad that might be helpful to you, because our group has been successful on numerous occasions, and hopefully, that will be helpful for you.

You made the point for M&G that the tariff rate is one of the real problems, having to pay the tariff rate while the case

1 is being pursued.

Unfortunately, one of the problems historically was that that was not always the case. What the ICC used to do was, it would suspend a rate. And so the railroad could not charge the rate that it was proposing until the ICC decided.

Well, then, and unfortunately I would say perhaps as now -- some of these cases did drag on longer than you would like. And meanwhile, the railroad had to forgo all the revenues. And so even if the railroad won the case and was eventually able to raise the revenues, it was not able to raise them retroactively, and so that was lost revenue for the railroad.

It was one of the things that contributed to the railroad's financial debilitation over the years. And I think that's one of the reasons why we allow the railroads to put the tariff into effect, and then we will give reparations if indeed the

1 shipper ultimately wins.

So I think that shippers need to understand, there's a reason -- there's sort of a method to the madness, if you like, while you --

MR. FOURNIER: It's totally unfair today, though.

COMMISSIONER MULVEY: But
Unfortunately, that's the approach. Perhaps
there's a way of splitting the baby. I don't
know, to put half the tariff in, or part of
the increase in, or -- I just don't know how
you would deal with that.

Obviously, if we could processes the cases more quickly, that would certainly mitigate against the shipper paying the rate for an abnormally long period of time.

You mentioned that the cost of litigation was \$15 million to \$20 million you were looking at, I thought you were saying, someone said that, \$11 million?

You said that, yes. And I was

wondering again if indeed that was -- if you had any documentation for that, and again, what part of that was paying the tariff, and what part of that was the litigation cost.

MR. FOURNIER: We ran out -- we ran out of here when you raised that question with one of the other panels to find out what we had spent, because I remembered yesterday with our attorney, he said that basically, we're right on the anniversary of one year since we filed.

So, I said, okay, let's see how much we've spent so far. So we went out there, and we got it, and now this documentation, I'll sign.

(Laughter.)

But it's small. I'm just going -- legal and consulting, \$2.6 million.

Pretty heavy, right? But that's what it costs these days.

Tariff, \$4.7 million.

And it isn't one lawyer or one

consultant. I mean, you know, to do one of
these things is rather involved, as you know
better than I --

COMMISSIONER MULVEY: Right.

MR. FOURNIER: -- whereas I'm finding out. But really, so it's \$2.6 and \$4.7, that's through May. So, that's considerable.

In fact, I came in here thinking that, okay, we'd do this reciprocal switching, we'd do this open lane, wonderful.

Then I'm hearing, my God, that
doesn't guarantee you anything, right? It may
be an avenue that someone said yesterday
could, over a period of time, maybe a couple,
three years, people will start to compete.

But these railroads are great.

They can just sit back and just not take it -you know, take advantage of the opportunity,
you know, and we're dead.

But I think the speed of getting this thing done, I mean, right now, we're very

confident of our case. It's one that is before you. Speed is the big thing.

I don't know if this could go down to a six month process, but then your staff would probably want to throw stuff at you, because you'd have 1,000 cases, you know?

So I don't know the answer, but I do know one thing. The speed needs to be there, and the expense, it is prohibitive for a lot of companies.

And ours, we finally -- I mean, and we discussed this a long time, and it was a very tough decision, but I think it had to be the right one, based on the options.

admit that it's a complex process, but we'll also point out that it is one that has been approved by the courts. I think the ICC in the past, did have approaches that were simpler, quicker, but did just not pass muster.

And this SAC process that we use,

the stand-alone cost process, is one which
makes use of accepted economic theory and
analysis, and has been blessed by the courts.

Just one more question I have.

You talked about this new plant you're

building on the Gulf Coast?

MR. FOURNIER: Yes.

COMMISSIONER MULVEY: Now, is that being built in America, or is that being built -- the Gulf Coast is a big place, so is it being built in Mexico/Central America, or is it being built in the Gulf Coast of the United States?

MR. FOURNIER: Gulf Coast of the United States.

16 COMMISSIONER MULVEY: Okay. Well,
17 thank you very much.

CHAIRMAN ELLIOTT: I just have one question. It's a question I've asked pretty much all the shipper panels, and just, we've heard a lot of testimony that the railroads really aren't competing, even where there's

competition available, and the conclusion that's been drawn by various groups is if they're not competing, access isn't going to help.

So my question has been, if you had your preference, if this is applicable to you, would you rather the Board pursue open access, or look towards improving the rate process? Like you said, Mr. Fournier, you know, speeding up the process, something like that, that might make it a little more useful to you?

MR. FOURNIER: Speeding it up would definitely be the big key. But when you're paying, you know, 300, 400 percent of variable cost, it's -- it's not hard to figure out that these guys don't want to negotiate very much.

And they like your process, as you heard, because it is so lengthy, because they can do a rope-a-dope with us. I mean, they can just sit back and let is flail away and

spend like crazy. And it just goes on and on.

So I think anything to expedite it in a proper fashion, as you say, one that's careful, and it's correct, so it's got to be the right decision type of process. But I think that definitely is needed.

CHAIRMAN ELLIOTT: And I might not have -- the question might kind of lost a little bit, but would you prefer us to improve that process as opposed to -- if we went one way or another, would you rather us work on improving the regulatory process through rate cases, or would you rather us look more towards open access?

MR. FOURNIER: If we could do open access and it resulted in competition, or if you did the other and it resulted in competition, I'd be happy with either.

Right now, I'm getting very concerned. Two days ago, before I walked in here, I think it was an easy answer for me.

I'd have said the open access.

After listening today and understanding that some people that are dualserved, they're in worse shape than I am, because they can't even come to you, whereas, as captive shipper, at least I can come to you.

So, you know, it's a tough question. I don't have a right answer, but whichever one can get me to competition faster would be the one I would chose, and unfortunately, I'm not the judge of that. I don't know.

CHAIRMAN ELLIOTT: Thank you.

Anybody else care to take a crack?

MR. FRAUENHEIM: Mr. Chairman, I

had mentioned that one of our plants is

17 underperforming versus our plan for that

18 facility, and that facility has -- there's

another railroad that's only about six miles

20 away from that facility.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

21

22

If that facility was served by two different railroads, it's our estimation we

1 could increase our volumes from that plant.

2

3

4

5

6

7

8

12

13

14

15

16

17

18

19

20

21

22

We've had rate offers at that facility as high as 1076 percent RVC, and obviously, we're not shipping on that lane, because frankly, we couldn't afford it.

CHAIRMAN ELLIOTT: Thank you.

MR. MACKO: One quick comment.

You know, as I listened to comments over the

9 last day and a half, it's clear there are a 10 number of shippers who have rate concerns.

Obviously, a rate process in front of the STB

I think would be well served.

As a shipper and other shippers in the marketplace who are thriving under the existing network setup, we are concerned about across the board changes that have the potential impact on capacity and the ability

And so we would be very, very concerned about broad-based operational solutions that could negatively impact concerns like USG has relative to the railroad

of the railroads to operate for our benefit.

networks' capabilities and future needs. 1 2 This issue of transportation network for the country, to us, is extremely 3 big, extremely significant. 4 5 CHAIRMAN ELLIOTT: Thank you. Those were actually very helpful answers. 6 7 thank you very much for your comments. And I 8 think we're going to head on to the last 9 panel. 10 Thank you. COMMISSIONER MULVEY: 11 We can begin. Let me see. Are all of the 12 panelists here? I see Mr. Strohmeyer, Mr. 13 Varda here. 14 Is Mr. Dickman here, and Mr. Kemp? 15 Well, Mr. Varda, do you Okay. want to begin? Jim will be back in a few 16 minutes. 17 18 MR. VARDA: Vice Chairman Begeman 19 and Commissioner Mulvey, thank you for 20 undertaking this proceeding and for the 21 opportunity to speak today.

I am setting aside our previously

22

submitted written testimony to simply
summarize the main points and to provide a
couple of observations prompted by testimony
given by others over these two days.

As background, the associations and shippers in our group were present in the 1980s for the collapse of the Class 1s serving what became the Wisconsin Central Lines, principally in Wisconsin and upper Michigan.

We were present for the formation of the Wisconsin Central and its competitive successes through the 1990s, and we have been present for the failure of the competitiveness under the control of Wisconsin Central by Canadian National over the last decade.

We've participated in all of the related ICC and STB proceedings.

Our initial comments and written testimony describe this experience, including specific examples that demonstrate that the independent WC, to have been a competitive model for non-captive freight, and since

controlled by the CN, an ongoing example of the failure to compete for non-captive freight.

Our principal point is this: the Board cannot effectively review the state of competition in the railroad industry without addressing more broadly the current state and future prospects of the railroad industry's competitiveness for non-captive freight.

The burden carried by those subject to differential pricing is, after all, and perhaps, in large part, a function of the effectiveness of the industry's competition for non-captive freight. And by that, we mean freight which contributes to going concern value with revenue-variable cost ratios between 100 and 180.

The few allusions to non-captive freight in the record thus far are simply insufficient. Mr. Hamberger's last comment yesterday, leaving on a high note, as it were, suggested railroads work with their shippers

to move the available freight. His testimony, his comment was echoed by Mr. Lanigan today.

Mr. Burkhardt said, and I'm paraphrasing, an intelligent railroad will not let truck-competitive freight get away if the railroad feels able to quote a rate that will move the freight.

Indeed, Mr. Burkhardt's statement was absolutely and positively true of the Wisconsin Central on his watch and until Wisconsin Central came under the control of Canadian National.

Speaking to the Wisconsin

Department of Transportation annual freight

rail conference, November 19, 2008, Mr.

Burkhardt described a skew in the North

American railroad industry between Class 1s on

the one hand and regional railways and short

lines on the other.

He characterized the Class 1s as having quote, "restructured into plain vanilla, high-volume trunk operations with

scant interest in running distribution networks and light-density lines."

You might juxtapose Mr.

Burkhardt's statement to the passionate description by Mr. Manion today of the importance of velocity, the importance of the efficiency of the operation, and maybe consider, would Mr. Manion's train stop in Albert Lea for the quilts, or deliver supplies to Albert Lea merchandise freight? There is a tension between the trunk line operations and merchandise.

In contrast, much like the testimony of General Timmons and Mr. Ogborn yesterday, Mr. Burkhardt characterized successful regional and short lines as concentrating management efforts on rebuilding single-car networks and containerization, focused on customer's requirements, service, and price, and keeping unremitting pressure on cost.

This latter description is how the

independent Wisconsin Central successfully
took lots of trucks off the highways.

Examples are provided in our initial comments.

It has not been that way for most of the last ten years under CN control, though we are, since our previous testimony in February, cautiously optimistic that the CN is now or may now be ready to address some of those problems we described to you.

The Midtec mill that gave its name to the precedent and the standard for competitive access discussed in testimony yesterday is located at Kimberly, Wisconsin, on the Wisconsin Central lines.

It has been closed due to the recession. Before closing, among other railroad service problems, the mill was receiving only approximately 60 percent to 80 percent of the boxcars it ordered, despite the fact that the railroad had similar cars in storage.

The 60 to 80 percent means that

the railroad's rates for the mill's noncompetitive -- non-captive, highwaycompetitive freight would have moved at least
20 percent to 40 percent more carloads.

The railroad had already sold the freight. The freight was not taken away by vigorous truck competition. Trucking the freight was the default when the railroad failed to serve.

What does not to compete or failure to compete mean? From our perspective, one way to answer the Chairman's question is, not to compete means that the railroad has set a rate or negotiated a rate, but fails to provide the equipment and the service.

Could we make a case of failing to deal or foreclosure under the Midtec competitive use standards? Maybe, but of course, only after a successful petition to revoke the boxcar and commodity exemptions.

That's not going to happen. The

Board is not going to hear about this type of railroad competitiveness problem, at least not until fuel prices or other factors make trucking prohibitive.

Again, from our -- the perspective of our experience, a better standard or an element of the standard for granting competitive access for non-captive freight might be if the incumbent railroad is not moving the freight, let the other guy have a chance to compete the freight off the highway.

That's why we said in our initial comments and testimony that the competitiveness problem, from our perspective, has more to do with the service than rates.

We provide a number of other examples in our written testimony.

Rail carloads, for example, from Packaging Corporation of America's Tomahawk Mill, as well as three others around the country, down from 70 percent to 50 percent since 2005. 2,400 carloads per year from

another mill, which WC's competitiveness had increased from 1,000 a year, now down to as few as 20 per year, since about 2003, with the difference having been returned to truck.

There are many other examples in the written testimony.

Talk about rising rates yesterday, rising rail rates yesterday. The question we think that you should address is, are Class 1 rates rising because as a result of the consolidations, the railroads' differential pricing of relatively captive freight has become more effective, allowing them to pick and choose when to accept or to simply forgo the challenges and risks of capturing contribution to going concern value from non-captive freight?

Or, in Mr. Burkhardt's words, allowing the Class 1s to focus their attention on plain vanilla, high-volume, trunk line operations with scant interest in running distribution networks and light-density lines,

1 retail railroading that competes with trucks?

This is why we are skeptical about the Board's changing its access rules or its policies until it has fully investigated and understands the state of competitiveness in the railroad industry for non-captive freight.

Thank you.

CHAIRMAN ELLIOTT: Thank you.

We'll now hear from Mr. Dickman from the Mercury Group.

I believe you have ten minutes.

MR. DICKMAN: Chairman Elliot,
Vice Chairman Begeman, Commissioner Mulvey,
staff and interested parties, my name is Craig
Dickman. I would like to thank you for the
opportunity to appear before you today.

The Board has asked for ideas to improve the competitive marketplace, and at the same time, have a minimum negative impact on the financial health of the industry.

With that charge in mind, I would like to discuss an option, bringing

transparency of fuel and energy cost to the rail industry that we believe will improve the competitive marketplace for both rail shippers and the rail industry alike, provide for the financial health of the industry and do so in a sustainable way, allow some of the inherent benefits of rail transportation, improved fuel economy, lower emissions, to move from being an interesting concept to actually creating a competitive advantage for the rail and for US shippers.

And I believe that this can be advanced through a spirit of collaboration and cooperation, and doesn't require intervention or regulation.

With that in mind, I wanted to share some information with you today, and I've got some slides, if I can touch on them for a moment.

As part of the Mercury Group, and for background, we're a shipper group focused on managing energy costs across the supply

chain. So we work not only with rail and intermodal, but work with truck and work with marine and energy costs in total.

And we were asked by a group of our clients to provide insight on the energy costs of some intermodal movements. This specific study we completed focused on 184,674 unique freight movements, and included movements between 1,000 and 2,000 miles, and used dry freight containers, just to narrow the study.

I'd like to share some of that data. The first chart in what we have indicates really why this is an important and timely issue. Intermodal fuel costs have grown, and the chart highlights the time period from January of 2010 through yesterday, actually. And you can see that it's grown to be a quarter of the total cost, actually more than a quarter of the total cost of moving goods is now the fuel surcharge component of intermodal.

For shippers, they need to be able to understand these costs to make effective decisions on how to move their products. For railroads, this is a significant cost, most likely, their most volatile cost, and they must capture and recover it in order to maintain their financial well-being.

The challenge, however, is that today's marketplace makes it virtually impossible for a shipper to understand the fuel consumption, the fuel costs, or the energy-related emissions associated with moving their goods, and which are so critical to their decision-making process.

It's also a challenge for the rail providers and the intermediaries involved in intermodal transactions. Inherent economic distortion is embedded in today's practices, and requires transportation providers to know that virtually every movement has the incorrect fuel cost, and then folks hope by magic that at the end, it all works out

1 relatively close.

That's why we always see

transportation providers qualify their earning

statements by saying that fuel costs and

misalignment of fuel surcharges distort

earnings, and that's why we heard at your

February 24th hearing, one of the economists

mentioned that some of the data that's looked

at is difficult to digest because some of the

timing issues associated with fuel cost.

Now, as we explore the data further and look at the next chart, what I'd like to highlight here is the real fuel market behavior that's taking place.

There's three aspects to this chart. The green line is the daily pricing for crude, which some folks use to manage their fuel economy. The blue line is the Department of Energy that is used by many folks to capture fuel surcharge costs. And then the real diesel market price, updated daily, is highlighted in the red, and that

gives you an idea of the behavior as it exists for compared to those other indexes.

A couple of things we see as we look at this. You know, first you see the DOE index both mutes the daily price changes and frankly misses some of it, and the crude behavior, while an interesting underlying indicator of the raw material of diesel, has a different supply/demand characteristic, and doesn't really represent the costs as they occur.

So, if we shift for a moment and take a look at these in change terms, going back to that January 2010 time frame, what we see is that a surcharge that's based on the DOE index, such as if we look particularly -- it's a little hard to see, but around the June 10th time frame, you can see a separation of the real fuel market behavior from the DOE index, and that creates a distortion in the underlying cost.

Conversely, if you look at crude

and look at market cost and move out to

September, you can see a real separation of
those costs, and that change would not allow
for reasonable or fair reimbursement. And
that's just one of the examples of the
economic distortions that underlie fuel
surcharges and creates problems for the
shipper and rail community alike.

When you look at individual movements, those problems become even more exacerbated.

And now as we move to the fuel charges associated with those movements, this next chart, I pull forward the two lines that cover the Department of Energy index as well as the real fuel market behavior, and then we add to it the 184,000 movements that we had and what the rail fuel surcharges that accompany those movements were, based on the price mechanisms.

What you can see when we look at that is that the relationship between real

fuel costs and what the rail fuel surcharges were become exaggerated and distorted when there's movements.

This happens to be in about an 18month period, whereby fuel costs were largely
rising. And so what happened is you see that
separation of real fuel cost from fuel
surcharges, and how it grew during this period
of time.

If we would look at a time when fuel prices dropped dramatically, and it's a little hard to see, but if you look around that March 2010 time frame, you can see one of the few times that fuel dropped during this period.

The surcharge numbers actually fell below real market costs, and would have resulted in under-recovery.

So it really highlights some of the challenges that exist with the current methodology and with the behavior that takes place, and it's really artificial behavior that challenges both the shipper and the carrier.

just a couple of the challenges that we see with the current methods. Because of this exaggerated behavior, when compared to the actual fuel marketplace, it ends up being a winner and loser in virtually every movement and every fuel transaction.

That does not set up for a healthy relationship between the shipper and carrier when it comes to fuel programs.

The fact that fuel surcharges are detached from the underlying markets also creates significant challenges for the shipper. It's difficult for them to budget, because even if they are able to guess what fuel prices will be, they can't necessarily understand the impact of fuel surcharge on how that relationship is.

It makes mode decisions difficult.

Ironically, shippers make decisions every day

between truck and rail, and in this period, you can have times when the fuel prices are going down, fuel surcharges are going up, and the mode that should be the most fuel-efficient, rail or rail intermodal, actually is at a disadvantage.

And we've seen folks shift freight to truck, not because of the real behavior that's taking place, but because the truck market adjusts fuel costs differently than the rail industry does.

And we also see problems that shippers have had with hedging and managing their risk cost. This price distortion, the fact that there's a disconnection between the real fuel market costs and the fuel surcharges, creates a situation where it doesn't qualify for hedge accounting, and many companies are either not able to hedge in a way they would because of this separation, or have found in the past that they thought they were hedged, but the underlying market's

behavior didn't mirror what their charges
were, and they ended up paying increased costs
and losing the benefits of a hedge.

It's our belief that this analysis indicates that the current marketplace methodology is inefficient and does not support an open and competitive marketplace.

At the same time, we believe the opportunity to do so exists today. We believe that, you know, bringing energy life cycle transparency and a common view of fuel costs, both pricing and consumption related to fuel movements, will enable better decision-making.

It's possible to have an accurate reflection of fuel cost and price movements that will ultimately build trust between the shipper and the carrier, and alignment of the fuel market with the reimbursement provided to transportation providers will also ensure that their earnings aren't distorted, that they're recovering this most volatile cost, and that the shippers are able to make adequate

1 decisions.

2

3

4

5

6

7

8

9

10

11

12

13

17

18

19

20

21

22

Further, we believe the result will be that rail and rail intermodal movements will become more competitive, and when we have these principles applied, lead to more conversion of freight to rail.

We also don't believe that these movements will take place organically. We believe it will take a clear and decisive public policy to move the industry toward a more open and transparent --

(Coughing.)

Sorry.

14 (Pause.)

Oh well. I think I'm okay.

16 CHAIRMAN ELLIOTT: You're back.

MR. DICKMAN: Yep. So we think there's a real opportunity here, and believe that an operation of -- excuse me. Thanks,

Again, we believe there's an opportunity for public policy to create this

change. And what we'd like to see is not necessarily a quest for regulation, but a movement to create a dialogue, and would like to participate -- that members of our organization and our shipper community would like to participate in that, and believe that we can really bring an open and transparency of fuel, one of the most difficult costs to manage, and one of the areas that brings some real consternation between the two parties into one where real collaboration can be fostered.

Thank you.

CHAIRMAN ELLIOTT: Thank you, Mr.

15 Dickman.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

16

17

21

22

Mr. Strohmeyer, I believe you have two minutes.

MR. STROHMEYER: Thank you, Mr.

19 Chairman, and thank you for giving me the

opportunity to speak today.

I had not originally intended to participate in this proceeding, but I'm

grateful to the Board for the opportunity.

I've provided the Board with some written comments. Unlike some people, I actually enjoy going last, because it allows me to depart from some of my written testimony and talk about a little bit about what I heard.

And there were two points that I felt more than what I wrote in my written testimony that may need -- I wanted to address. One was the Chairman's idea of a pilot project. A couple of ideas that had been circulated, and one point for the new Vice Chairman on some of the representations that had been made with regards to reciprocal switching and open access.

So the first point I'd like to briefly make, aside from the fact that I don't think regulation or looking at stuff at this point in time with regards to open access or reciprocal switching necessary, a pilot project, I think, would suffer from some

severe legal challenges, one of which I think is fatal.

But I do believe that a partial project is somewhat possible without creating a legal headache. And one of the issues that had been raised previously, and for some reason, nobody talked about it, was, as a result of the Conrail merger, we had the creation of two of the largest open access areas as part of the process, along with all the associated operational headaches. The Board had direct monitoring of that for almost ten years, in fact, just recently gave that up in 2008.

So, for some reason, the Class 1s completely decided to ignore discussing anything about the trials and tribulations of the competitive access issue that occurs within over 400 miles of track in some of the most important markets in the United States with regards to competitive rail access. And that issue had not been addressed prior to

1 that.

So subsequently, I felt that it
was something that the Board may want to
consider. And I know my time is up here. But
I did have some ideas on what you might be
able to do for a potential pilot project, if
the Board is interested in hearing about them.
CHAIRMAN ELLIOTT: Thank you very
much.

Commissioner?

much. In terms of the Wisconsin Central, I was privileged to work for the state Wisconsin on the first state Wisconsin rail plan, and Wisconsin has always been very much involved in rail. And in fact, back in those days, the WC was pretty much one of the best Class 2 railroads in the country, and it gave very, very good service. So I do follow what's happening with Wisconsin and Wisconsin Central and the CN with particular interest. So that's pretty much all I wanted to say on

1 that.

With regard to the fuel surcharges, do you feel that what the Board tried to accomplish, back when it had its hearing and its rules, that that we had -- we were going in the right direction? We're trying to tie the fuel surcharges to fuel consumption.

Do you have any way that you think that we can actually do a better job of that?

There seems to be a lot of shippers saying that the fuel surcharges still aren't reflecting consumption of fuel, and it's still unclear what -- because we have these indices.

You had the West Texas crude
measure as well as the DOEs. Would it be
better to just tie it to that, as opposed to
a case-by-case analysis?

MR. DICKMAN: Well, a couple of thoughts. You know, first off, I think the Board definitely moved in the right direction with the move away from percentage-based fuel

surcharges. You know, when you look at percentage-based surcharges, they really do blow out, and so I think the fact that you made that change is very positive.

I think the fact that the industry as a whole didn't move to it across all commodities and for intermodal as an example, continue to use percentage-based programs, is a sign really that the industry doesn't move easily, and I think it would be helpful if the industry frankly moved on intermodal and others to -- away from the percentage-based movements first. So I think it is moving in the right direction.

I do think that it used to be very difficult from a technology standpoint to capture fuel costs, capture fuel consumption, but in this day and age, with information availability, with real-time access to data, we find the ability to capture fuel costs and consumption in real-time as something that's very possible.

The organization that we're part of actually has processed so far over 14 million movements on the day of the shipment to identify the rail costs and the rail consumption in order to get down to a very specific movement level of what the behavior is of fuel costs.

And so we think there's a number of things that can be done to start moving toward a more accurate measure, start eliminating the economic distortion, whether it's the timing, the geography, the fuel tax, the different impacts of the market, there's some real opportunities to move toward a very transparent marketplace.

And it's amazing when you think

of, you know, really the underlying mechanisms

haven't changed from the times back in the

`70s when the first fuel programs started in

with the fuel crisis, and all the advances of

technology haven't really been applied to

something that's now 25 percent of the cost of

1 moving these goods.

2.0

COMMISSIONER MULVEY: Thank you.

One point on the revocation of exemptions.

When you mentioned that, you sounded as though you said it's not going to happen, that the Board wouldn't entertain that.

The problem was, we really don't get many requests for revocation of exemptions unless they're specific revocations in order to deal with a specific problem. In my time here at the Board, I can recall one revocation, and that was to deal with a problem in Texas with cottonseed oil.

But I think the Board would entertain a revocation of exemption if it was put forward. But it's not as though the Board would dismiss those out of hand. And I'm not sure if you're indicating that in your statement.

Mr. Varda?

MR. VARDA: I was referring to revocation relative to a competitive access

1 problem, not the fuel --

COMMISSIONER MULVEY: No, and that's what I meant. I didn't mean with the fuel. I meant revocation of exemption with regard to a class exemption or a commodity exemption, or a --

MR. VARDA: I think when you look at a shipper like Midtec Mill, and you look around, similar facilities, similar problems, in our experience.

The shipper's not going to put petition and come here. They're going to put it on truck, you know, until trucking is so prohibitively expensive -- in other words, until the non-captive person move towards being more captive, you're not going to hear about it. And there's a lot of opportunity cost and waste in between this time and that time, and that's what we're concerned about.

COMMISSIONER MULVEY: Okay.

That's all I have. Thank you very much.

VICE CHAIRMAN BEGEMAN: Just a

question, Mr. Dickman. As far as the collaboration and what the data points are that you ultimately conclude, where does that information go?

How is that information then made public or transparent to the shipper, or to the carrier, to whoever needs to know what the rate impact is?

MR. DICKMAN: That's a great question. We started working with shippers in 2005. And what we do is calculate the price on every given day for every given movement, and then provide it to the shipper and to the rail provider, so it's part of an agreement between the two.

So what's happened is we've got shippers who have decided to move toward this more market-based fuel program. We've had meetings with all their providers.

So, as an example, we may have one shipper whose connected with 250 different transportation providers. We're connected

electronically with all of them. Everybody agrees on the rules in advance.

And then every time a freight movement is moved, we're calculating, auditing, and providing that data to the people who are involved in the transaction.

So now the shipper has an understanding of what's the fuel cost, what's the consumption, what are the emissions. It's the same information the transportation provider has, frankly, in many occasions, the same information that the fuel provider has, because they're part of this transaction as well. And it really has changed decision—making a great deal.

If I can share one example, we have a shipper who was making a decision between trucking movements and intermodal movements, and their customer was concerned about intermodal because of the additional transit time and the fact that it would take

1 some additional inventory.

But by providing this

transparency, they were able to go to their

end customer and say, we've got a real

opportunity here. If you're able -- if you

allow us to move this on intermodal, we can

take out this much fuel. It will remove this

many emissions, and that is a tradeoff that

we'd like to discuss around whether it's worth

a little bit more inventory or not.

So it changes the whole discussion and the dialogue when everyone has that transparent information, and we've seen some really interesting innovative decisions made from having it, where now, those get hidden.

You know, the rail industry talks about improved fuel economy and emissions.

It's absolutely correct. But if the shipper can't see the benefit and move it out to their marketplace, behavioral change doesn't take place.

And what we want to do is connect

1 that -- the facts with that behavioral change.

shippers as well.

And then again, I think we find that rail is more competitive, and it enhances the competitive position of those individual

VICE CHAIRMAN BEGEMAN: One final thing. I know that you wanted to mention something to me, and your time ran out. If you could briefly just touch on that.

MR. STROHMEYER: Oh. You've heard a couple of discussions today about three terms, reciprocal switching, open stations for switching, and open access.

And in listening to your questions over the time and many of the answers that you have been previously given, you sort of got the -- I was given the impression that you sort of were lumping this all into one category.

And I didn't know if you were aware, they are three very distinctively different types of access, each with their own

little nuance, and I was kind of surprised that the Class 1s couldn't better articulate what the various versions were between the two.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

Reciprocal switching has always been, if you're interested in knowing, the -- reciprocal means to reciprocate. You give me something, I give you something.

It was voluntary agreements within -- where two railroads would cross, let's say, if Senator Franken's plant was a mile up the road or two miles up the road from where these two rail lines would intersect, and he was on carrier A, and a grain mill would open up on carrier B two miles from the junction and where it was mutually beneficial, instead of building independent branch lines to go serve each of those respective customers, the railroads would open, through reciprocating, I will switch the facility on your behalf, and you can switch this facility on my behalf, and the customers would have access at both those

1 points.

And they were done basically through mutual reciprocation, and that was a voluntary agreement amongst the railroad as opposed to a forced access.

The next portion that you hear would sometimes, you know, it's the give and take that was given for various uses of their system, and they would prescribe that in their rates and how it was structured.

The other one was where they would open a station for switching, which is usually at the request of a specific customer, a particular customer would -- the railroad would say, you know, customer A, in order to locate the plant on my facility, he had certain moves that, let's say, went -- tended to lead to going to a natural carrier.

So what would happen is, as an inducement to locating the plant, the railroad would open a station to competitive access through that.

And then of course, the third process, which is one that every railroad will have a cringe over, which is true open access, which means any carrier can come in and actually service a facility, and that sends chills down every railroad's spine, including my own.

And I didn't know if anybody had adequately explained that to you, and what the various components were.

VICE CHAIRMAN BEGEMAN: I think I got it after I asked the question; I was a bit confused the first time.

MR. STROHMEYER: Yes. There were three distinctive types of services and how they got into the marketplace, and I was hearing people talk about one size fits all. They were usually negotiated amongst the railroads themselves, and that was simply to avoid buildouts primarily through mutual agreement. It was a much more efficient way of doing it.

But I just thought I would bring that to your attention in case you weren't clear -- nobody had given a clear explanation as to what it was.

CHAIRMAN ELLIOTT: Thank you very much. I don't have any questions.

I just wanted to note,

coincidentally, I will be in Tomahawk,

Wisconsin in August, so I look forward to -
actually, I went to camp in Rhinelander, so,

it will bring back bad memories.

Anyhow, I am very thankful for your participation and for everyone's participation. I think it's been a successful hearing.

Two procedural notes before we adjourn and take all the comments under advisement. First of all, for those of you who haven't heard, if you have presented any type of PowerPoint, we ask you to provide two copies of that to the Office of Proceedings in the appropriate manner for filing.

1	Also, final procedural comment, we
2	will keep the record open for 30 days.
3	There's been a lot of questions and answers,
4	and sometimes people weren't able to answer
5	questions or maybe want to clarify some of the
6	questions I mean answers that they gave.
7	So we will keep the record open
8	for 30 days to give people the opportunity to
9	supplement with respect to those matters. I
10	think that will be helpful to the Board and
11	probably helpful to yourself.
12	So, with nothing further, thank
13	you very much, and the hearing is now
14	adjourned.
15	(Whereupon, the above-entitled
16	matter was concluded at 1:58 p.m.)
17	
18	
19	
20	
21	
22	

	103:5	106:4 122:19	actively 51:15	adequate 39:14
A A D 17 22 140 10	abuse 147:6 170:8	145:6	activity 274:8	113:3 148:1
AAR 17:22 148:19	abuses 169:20	accidents 165:4,17	actual 52:3 122:9	256:11 257:16
155:13	Acadiana 25:15	213:8,10	166:13 171:10	268:7 328:22
AARCS 197:13	accelerate 291:13	accommodate 64:1	213:22 244:15	adequately 147:10
abandoned 252:6	accelerated 199:18	82:22 238:16	326:7	153:4 210:2 345:9
ability 28:6 39:7	accept 31:8 143:21	accommodating	act's 294:21	Adjectives 235:21
42:7 51:9 58:1,7	166:1 236:8	278:3 286:18	Adams 6:3	adjourn 9:22
58:10 73:21 77:8	317:14	accompanied 8:12	adapted 294:17	346:17
78:17 89:4 94:19	accepted 144:1	accompany 324:19	add 47:3 103:18	adjourned 347:14
97:5 100:14 101:2	256:16 304:2	accomplish 240:16	134:11 191:4	adjusted 76:20
101:4 103:16,17	access 16:15 17:2,5	246:7 334:4	221:22 238:20	128:19
104:20 108:3	24:14 25:1 26:6	account 210:17	255:19 324:17	adjusts 327:10
109:5 122:12	27:14,19,21 28:7	accounting 285:6	added 13:11	admit 303:16
137:21 138:9	28:13 29:22 30:13	327:18	198:16 255:20	adopt 32:8 245:9
146:20 154:11	31:18 43:15,20	accounts 138:4	adding 213:3,8	245:10
156:1 179:15	44:6,9,21 49:2	accurate 23:2	226:12,13 290:2	adopted 17:12
207:9 210:1	52:9 88:9 101:7	43:10 328:14	addition 20:8 36:15	170:14,16 254:7
245:15 246:20	101:13,20 102:2	336:10	113:13 114:4	adopting 33:4
247:1 254:5	115:19 130:7	acid 187:18 189:11	140:1 153:15	adopting 33.4 advance 208:6
261:13 292:15	153:21 154:19		207:12	340:2
308:17 335:20		acknowledge 134:19	additional 14:1	advanced 319:13
able 15:14,17 28:16	155:1 159:6	acoustical 273:18		advances 336:20
40:14,15,17 49:21	170:10 206:9		17:5 134:11,16,17	
61:8,15 78:13	207:6 208:20	acquired 256:17	203:2 215:14	advantage 48:2
86:20 133:1 137:7	209:4,22 210:18	acquiring 14:17 16:14	223:13 240:15	93:15 106:1,6
151:14 152:11	210:22 214:17		242:7,7 255:11,20	112:7 136:6
170:4,18 185:1	215:12,16 221:10	acquisition 285:7	256:18 261:2	157:10 207:2
187:6 188:6 203:7	224:12,19,20	285:15	267:6 340:21	232:11 238:10
209:16,18 220:9	236:3,5,12,12,22	acquisitions 63:22	341:1	240:6 302:19
227:20 230:4	237:9,11 239:16	act 13:4 30:15,22	additionally 105:16	319:10
237:20 238:16	240:2,7,13 242:3	40:11,13,20 47:14	195:5	advantages 91:16 adverse 29:7 41:4
242:17 245:7	246:21 247:2,5,10	48:19 49:10 76:8	address 17:22	
299:13,14 312:6	248:5 258:8	76:10 91:5,6,6	18:18 20:19 39:7	44:2,3 209:5
321:1 326:17	260:16 261:6	93:22 118:12	125:22 140:10	adversely 78:17
327:19 328:22	268:14 277:13	124:10,16 169:22	147:10 155:2	206:10
333:6 341:3,5	288:15,17 289:2	183:12 199:20	159:10 198:2	advice 94:13
347:4	296:6,7,16 305:3	254:10,17 275:22	261:20 285:22	advisement 346:18
abnormally 300:17	305:8 306:14,16	286:12 294:15	291:16 297:14	advocate 116:16
above-entitled 1:16	306:22 314:12	acting 100:2	314:8 317:9	156:3
347:15	316:8 318:3	action 85:12 107:4	331:11	advocated 161:4,5
absolute 217:6	331:16,20 332:9	109:14 283:8	addressed 332:22	advocating 57:14
340:7	332:18,21 335:19	actions 32:4 44:20	addresses 56:1	184:3
absolutely 58:14	337:22 342:13,22	56:18 78:8 107:11	addressing 39:3,5	AECC 35:12 38:17
199:22 215:22	343:22 344:5,21	146:17,18 165:21	311:7	AECC's 34:20
281:13 284:21	345:3	165:21 291:6	adds 131:12 135:18	aerosol 252:10
312:9 341:18	accessibility 185:11	active 16:13,20	adequacy 22:9	253:11 257:3
absorb 102:10	accessible 28:12	18:4 82:18	113:22	Affairs 157:9

			I	I
affect 78:17,21	148:13	331:4	127:8,20 172:2	315:12 347:4
155:22 206:10	ahead 182:16,16	allusions 311:18	262:14 274:5	answered 56:20
afford 124:3 137:8	210:2 250:22	all-contract 155:22	278:19,20 282:21	93:6
276:18 292:5	aim 108:18	all-tariff 155:21	286:7,13 312:17	answers 10:9
308:5	air 13:3 207:21,22	Altamira 263:5	America's 116:18	224:10 309:6
affordable 278:18	208:8	alter 208:22 236:18	273:11 275:2	342:15 347:3,6
afraid 117:20	AKDN 131:21	altering 211:7	288:9 293:20	anti 283:5
aftermath 200:2	132:3,8	alternate 277:12	316:19	Anti-competitive
afternoon 250:1	Al 2:6 8:24	288:14	ammonium 138:2	138:16
262:6	Alabama 145:18	alternative 96:2	amount 20:14 45:8	anti-trust 92:5
ag 196:13,14	alarming 57:8 73:9	113:7 114:15	94:9 114:6 134:17	anxious 65:1
197:10 222:8	157:6	143:3 144:7 254:2	158:12 170:22	anybody 71:11
234:19 249:11	albeit 236:16	298:11	174:5 179:21	96:5 171:3 183:8
age 122:22 335:18	Albert 279:8,17,21	alternatives 17:17	212:20 219:20	184:8 307:14
agencies 33:1	280:3 313:9,10	259:8 261:3,5	amounts 248:22	345:8
agenda 258:7 259:4	algorithms 210:8	269:14 293:16	290:21	anymore 217:15
aggressive 94:10	alignment 328:17	296:20,21,22	ample 211:19	242:18
254:13	alike 135:11 296:9	amazing 336:16	Anaheim 255:13	anytime 233:12
aggressively	319:4 324:8	Amendment 160:2	analogous 207:20	anyway 69:13
207:15	alive 199:12	Ameren 2:9,11 7:5	analogy 240:18	apparent 50:17
ago 63:14 67:8 73:9	alkali 140:17 141:2	11:22 12:6,7,15	analyses 186:12	51:7
96:4 103:10 119:9	allegations 213:18	12:22 13:6,13,21	analysis 38:9 138:3	apparently 54:7
135:6 146:5 159:8	alleging 57:18	14:5,14,20 15:18	304:3 328:4	appear 33:8 98:20
189:7,8 190:3	alleviate 217:22	15:22 16:9,13,19	334:18	265:4 318:16
233:17 306:20	allocate 91:15 94:3	16:22 17:3,11	and/or 58:2 121:5	APPEARANCES
agree 59:12 71:20	allocation 92:14	18:5,15,20 19:3	258:6	2:1
89:7 90:1 151:22	allow 17:1,5 27:19	19:10,12 20:10,12	anecdotal 51:22	appeared 14:16
153:7 186:9	27:21 32:1 48:19	20:18 21:2,3,13	53:10	appendix 160:2
275:14	85:14 87:5 88:8	23:5 35:19 47:5	ANN 1:21	applaud 45:6
agreed 19:10 237:4	93:8 107:11,18	48:13 52:4 53:12	anniversary 269:21	Apple 263:6 267:7
agreement 60:6	110:5 136:13	55:6 58:17 65:16	301:10	applicable 305:6
107:8 167:15	153:21 166:21	Ameren's 12:11,21	announced 263:9	application 108:19
168:5 236:10	246:11 248:9	14:12 16:8,16	announcing 283:21	applications 87:12
339:14 344:4	271:3,5 285:7	19:22 64:20	annual 83:5 110:20	141:14 262:18
345:21	298:1 299:20	America 1:1 3:10	111:11 249:15	applied 107:22
agreements 107:10	319:6 324:3 341:6	7:18 79:18 80:1	293:6 312:14	132:12 257:13
107:12,13,19	allowed 62:9,11	204:22 252:11	annually 12:14,17	329:5 336:21
111:18 130:2	131:2 144:3	253:9 263:5	35:15 253:15	applies 164:7
155:8 175:3 176:3	165:16 202:21	268:10 273:9	297:16	apply 44:21 108:16
192:19 193:4	216:6 283:21	278:20 282:7	Ann's 23:15	143:20 154:10
222:16 236:15	allowing 20:15	286:7 304:9,11	answer 57:3,22,22	applying 44:5
288:16 343:9	23:2 79:22 106:4	American 29:10,11	60:11 92:16,21	appreciate 33:20
agrees 282:16	115:9 208:22	76:19 84:11 85:15	159:15 163:11	34:8 57:5 72:7
340:2	317:13,19	105:20 106:20	221:19 231:2	98:19 109:18
agricultural 128:5	allows 29:21 93:13	110:11 115:18,19	250:14 276:16	116:6 140:9
278:13	207:22 208:5	117:5 120:20	277:8 298:3 303:7	149:22 156:7
agriculture 24:19	210:5 220:16	124:3,7 126:6,19	306:21 307:8	183:22 221:20

250:19 261:15	101:13 109:16	285:8	automotive 195:6	166:13 167:6
277:17 286:18,22	174:8 192:2	assets 203:1,1,22	avail 160:8	173:4,20 188:9
287:2	194:14	204:6 220:20	availability 335:19	190:22 193:18
appreciated 98:6	Arkema's 100:7	221:3,5 226:2,9	available 24:10,12	198:6 200:4 204:5
285:11	101:18	assist 23:7	26:9 38:21 47:13	204:7 226:2 235:3
appreciates 47:3	arm 281:9	assistance 54:21	103:8 108:14	240:13 275:9
109:16	arrange 74:19	132:6 136:21	115:7 124:19	276:14 282:18
approach 300:9	87:17	298:8	133:13 147:8	302:18 305:22
approached 21:21	arrangement	associated 143:15	157:4,8 296:20,20	309:16 323:14
approaches 231:5	223:21 224:17,21	145:16 156:6	296:21 305:1	329:16 333:16
303:19	230:6 237:7,10,12	166:20 177:7	312:1	334:4 336:18
approaching 23:10	240:14	256:20 264:2	availing 269:17	346:11
appropriate 52:12	arrangements	321:12 322:10	avenue 2:12 3:2,16	background 310:5
71:4 94:5 167:5	133:17 223:6	324:13 332:11	20:22 59:1 148:1	319:21
226:9 346:22	237:3	association 3:9	302:14	backstop 21:7
approval 32:3	array 273:13 274:3	7:18 76:18 79:18	average 15:9,12	48:21 58:10 59:16
approved 159:8	arrival 208:6	79:22 80:4 168:19	62:20 68:15 76:19	bad 69:10,13
303:18	articles 47:16	associations 310:5	111:11,12 113:19	281:12 346:11
approximately	49:13	assumption 21:16	121:1,2 128:16	bag 266:19
12:13,16,17,20	articulate 343:2	assure 18:5 153:6	228:3 250:9	Baker 3:19 7:24
110:8 134:15	artificial 138:17	atmosphere 75:8	297:21	109:21,22 116:1
162:8 274:13	325:22	attached 47:16	aviation 91:9	182:22 183:3
293:5 314:18	artificially 153:15	attempt 117:1	avoid 155:11	Bakken 197:2,3
AR 2:18	Asia 105:4	160:18	213:12 224:7	balance 30:20
arbitrarily 133:18	aside 309:22	attempted 200:1	345:20	66:21 91:14
area 25:14 100:2	331:18	265:7	avoided 27:10	100:12 106:16
100:13 107:9	asked 31:22 32:6	attempts 21:8 94:3	106:6 224:8	107:7 170:6
133:7 175:14	42:20 53:7 61:7	attention 264:6	awarded 49:16	balanced 138:21
197:6	92:19 130:8 174:9	317:19 346:2	awards 199:1	balances 103:12
areas 83:15 107:17	226:22 234:12	attitude 112:10	aware 18:20 31:2	109:4 154:8
124:22 130:9,10	250:2 256:14	attorney 301:9	129:13 181:6	Baltimore 3:3
132:18 196:16	257:9 279:16	attorneys 270:16	234:11 235:13	86:11,18
197:10 330:9	304:19 318:17	attract 40:17 42:8	251:9 263:17	ban 133:2
332:10	320:4 345:12	123:5 187:14	298:9 342:21	band-aid 135:2
Arguably 204:21	asking 39:16 40:4,5	attractive 292:9	awkward 290:3	bangs 202:8
argue 43:7 153:3	44:19 52:5 88:6	attributing 68:7	a.m 1:17 10:2	bankrupt 76:3
arguing 31:16	95:19 117:19	auditing 340:5		bar 22:8,8
argument 31:3	asks 28:19 124:18	August 346:9	<u>B</u>	barge 17:4 150:22
188:20	125:3 132:16	authority 32:21	b 221:4 244:6,7	151:3
arguments 80:21	233:12 265:10	39:10 48:4,8	266:17 343:15	barges 197:9
112:22 218:5	aspect 196:8	107:3 159:4 283:7	baby 300:10	barging 21:6
266:3	aspects 322:15	authorization	back 10:5,16,19	Barley 4:4
Arkansas 2:14 7:8	asserted 199:5	97:11	34:3 40:9,12,15	barrier 130:19,20
34:17,19 35:11,13	assertions 19:14	authorized 44:12	49:16 54:16 55:3	131:10 132:1,7
35:17	197:22	automobile 234:19	62:13,17 65:7	133:8 167:12,18
Arkema 3:14 7:22	assessment 38:13	automobiles	67:21 70:1 90:17	168:2 169:10
98:11,18,19 99:1	asset 78:22 142:5	186:14	91:12 162:17	271:15

	İ		I	I
barriers 31:12,17	181:4,14 182:7,22	154:20,22 157:15	159:22 170:10	blocking 213:2
42:13 94:17 130:6	183:6 194:21	160:20 163:15	202:14,22 220:9	blocks 128:1
131:16 132:11,21	226:21 228:6,8	168:4 171:11	227:15 243:6	210:13 228:17
133:4,12,15	230:12,18 231:6	172:13 173:7	246:11 248:11	229:9
138:17 167:10,13	231:17 233:1,13	189:3 198:5,21	280:14 302:3	blow 335:3
167:14 168:16,20	233:21 234:9,13	205:15 222:16	316:6 328:13	blue 322:18
169:1	235:16 249:20	238:4 257:22	334:10,17 343:2	bluff 65:15
base 285:8	250:11,16 262:5	258:9,22 287:16	beyond 67:7 90:11	bluffing 64:13
based 36:8 53:19	272:18 295:8,13	318:11 319:2,12	bid 16:8,11 199:8	BN 47:21,22 48:18
55:6 95:9 111:21	295:20 297:2	328:8,9 329:2,7,9	bidding 16:1 47:18	48:22 49:1 62:4
112:14 117:16	298:6 309:18	329:18,21 330:6	50:15 62:12	83:9 200:14
120:14 121:15	318:13 338:22	330:16 332:3	bids 14:20 16:5,10	BNSF 5:1 8:11
126:11 147:4	342:6 345:11	believed 159:14	20:2 53:20 54:3	14:21 19:5,7,16
184:5 239:1	beginning 63:21	believes 16:19	big 114:18 201:18	20:19 22:17 47:15
254:13 264:11	behalf 2:2,6,9,19	20:12 38:17 49:9	202:8 227:22	49:16,18 70:1
303:14 323:15	3:1,5,9,14,18 4:1	85:11 115:4	246:9,15 280:19	131:21,22 132:4,9
324:19	4:6,12,17 5:1,8,15	124:10 154:10	295:17 303:2	194:18 195:2
basic 127:20	5:20 6:1,5,10,16	155:4	304:10 305:14	197:17 198:7
164:10	12:7 46:3,16	Belt 135:8	309:4	199:15 201:14
basically 55:4	90:18 98:19 139:8	Beltsville 3:12	bigger 52:2 196:18	205:7
64:22 71:2 90:3	140:17 180:13,15	bend 226:15	biggest 88:17	BNSF's 19:13
92:22 177:9,14	205:19 343:20,21	beneficial 71:15	158:10	BN's 48:9
236:4 280:5 301:9	behave 92:2	298:14 343:16	bill 163:5 252:2	board 1:3,13 12:8
344:2	behaved 54:16	benefit 19:6 35:2	266:20	18:12,19 19:5,9
Basin 12:15 13:2,7	behavior 112:1,3	78:4,11 88:15	billion 74:16 75:7	21:1,7 28:19
13:11 25:20 203:4	120:10 138:16	132:17 136:8	77:1 141:22	29:12 35:1 39:2
250:12	322:14 323:1,7,19	153:17 213:6	150:11 154:18	42:20,22 43:5
basis 52:16 88:21	324:16 325:21,22	242:4 258:15	billions 77:14	44:5,19 47:1 48:3
171:18 249:12,15	326:6 327:8 328:1	277:6 289:19	142:1 165:9 207:4	51:13 52:5,20
250:10 289:10,13	336:6	290:4 308:18	284:1	56:13 58:1 59:4
293:17	behavioral 341:20	341:19	bills 91:8 177:15	60:6,10 70:2
Bay 6:13	342:1	benefits 18:12 81:6	281:2	78:16 79:12 85:12
Beach 240:20	behaviors 120:12	82:2 93:2 120:17	bio-fuels 126:22	88:9 92:10 94:2
bear 202:3,4 227:4	beleaguered 76:9	126:18 127:10	bipartisan 285:9	95:19 98:20 100:3
bears 83:20	belief 144:2 171:20	206:7 319:7 328:3	bit 34:10 43:13	107:5,15 109:6
becoming 48:11	172:4,8 291:21	benefitted 73:15	47:6 49:15 58:17	117:19 118:3,5
158:5	328:4	77:12 108:8	62:16 65:14 67:15	124:14,18 125:3
began 12:22 15:21	believe 10:14 18:11	200:10 254:11	94:21 174:18,20	125:17,20 130:8
20:9	20:21 34:3 38:1	best 38:17 39:14	176:18 182:20,20	137:8 138:13,20
Begeman 1:21 12:4	50:2 52:20 53:19	75:11 85:11,14	231:4 243:1 244:3	149:11 154:20
34:6 57:6 59:20	59:2 72:13 78:3	97:6 135:4 239:1	245:3 306:9 331:6	155:4 156:17,18
60:15,22 61:19	79:9 83:3 106:8	287:22 288:1	341:10 345:12	156:21 158:3,14
79:21 85:22 87:15	107:1 108:22	293:10 295:2	bleach 164:9	159:1,3 170:14
88:2 92:21 98:15	117:8 124:16	333:17	blend 255:22	176:4,13 181:5
116:9 149:19	129:2 142:18	better 37:16 46:9	blending 256:20	182:2,9 183:1,11
176:10 177:11,22	146:3 147:1,20	63:10 77:20 82:4	blessed 304:3	184:18 206:13
178:3,8,12,21	148:8,11,16	94:4 114:9 115:19	block 28:7 212:12	213:14 214:15
, , , , , , , , , , , , , , , , , , ,				
		I	I	I

236:20 252:6	bouncing 175:12	244:19 326:16	139:2 167:22	businessman
259:19 260:16,21	boundaries 85:1	build 19:6 54:12	168:6 169:12	279:12
261:1,8,13 264:16	boundary 182:4	94:19 254:14	180:10 193:2,10	business's 294:3
270:22 271:8,22	box 2:12,17 4:10	328:16	193:20 194:3	busy 23:13,19
270:22 271:8,22 272:6 277:12	· '			
	5:2 80:19	building 2:4,7	business 14:1 15:6	buy 37:8 221:3
278:5 282:20	boxcar 315:21	14:10 16:14 94:18	16:4 19:15 44:8	buying 144:22
283:5 284:20	boxcars 314:19	127:22 203:1	44:13 49:15,18	bypass 265:15
285:10 286:12	Brad 110:1	204:4 273:22	50:2 70:1 75:20	$\overline{\mathbf{c}}$
288:14 292:9	branch 343:17	304:6 343:17	77:17 82:21 87:11	calcium 129:20
297:10,13 305:7	break 134:18	buildouts 54:7	89:17 90:2 95:12	131:17
308:16 311:5	178:20	345:20	99:14 101:5,15	calculate 59:7
316:1 318:17	Breakthrough 6:12	builds 240:14	105:1 111:21	339:11
331:1,2 332:12	brevity 273:4	build-out 18:13,19	120:1 121:16	
333:3,7 334:3,21	bridge 131:2,6,8,21	18:21 19:4,8 48:5	123:19 126:6	calculating 340:4
337:6,11,14,16	brief 30:2 72:16	48:15 54:20 63:15	130:4 131:5	calculation 216:8
347:10	74:5,6	63:17,20 64:1,4	133:19 137:13	calculus 105:19
boardroom 10:20	briefly 24:5 176:12	64:19,21 65:6,8	140:14 143:19	California 255:13
Board's 38:5 39:7	186:9 218:22	65:16 69:15 81:14	149:6 151:15	call 72:9 161:19
60:17 71:16 80:17	331:18 342:9	build-outs 17:1	152:2,8,10,11	219:12 223:6
107:3 109:18	bright 291:4	18:11,16 21:5	160:17 163:22	226:7 228:13,21
124:13 136:20	bring 64:2 109:6,9	53:13,14,22 54:17	164:11 166:21	241:9 275:17
140:9 155:9 156:4	156:20 161:16	55:5,9 63:13	167:4 168:7,9,10	called 287:5
159:17 262:12	171:14 190:22	built 17:4,7,15	168:10 169:9	calling 65:15
285:14 318:3	194:15 204:16	18:20 53:14,17,21	189:2 196:14	275:18
bodies 97:10	226:1 250:20	54:9,12 113:8	198:8,8,10,11,19	Calverton 3:13
body 32:5	287:15 292:20	246:10 289:7	198:19 199:1,6,11	camel's 193:18
Boeing 282:16	330:7 346:1,11	296:9 304:9,9,11	204:1 205:8	cameras 186:14
book 121:16 250:7	bringing 56:6 84:9	304:12	219:10 220:13	camp 346:10
booming 67:17	98:5 109:2 114:13	bulk 197:10 255:12	221:5 225:22	Canada 140:19
born 144:17	156:16 157:18	255:21 265:9	227:16 229:6	274:5
Boston 240:20,22	172:18 297:10	bullet 57:13,17	234:17,20,20,20	Canadian 310:15
241:1	318:22 328:10	bulletproof 142:9	234:22 235:1	312:12
bottleneck 27:11	brings 103:14	bump 245:1	237:20 238:5,16	canal 81:14 83:12
41:6 57:20 86:5	330:9	bundle 137:1	238:17 239:2,3	cancellation 112:13
115:9,12 120:5,6	broad 283:7	bundled 136:10	249:4,11,14 250:8	cap 56:9 155:11
125:3,8,10,13,14	broader 53:8	burden 291:19	254:18 257:1,3,4	161:2,3,17
130:7 155:9	163:22 164:16	311:10	257:8,9,11,18,20	capabilities 89:10
172:12 177:12	broadly 311:7	burdens 147:6	259:18 262:22	208:16 309:1
183:18 184:4,11	broad-based	Burkhardt 312:3	266:1 268:2	capability 216:3
265:8 271:11,15	308:20	312:16 313:15	276:14 281:12	capacity 88:22 89:1
271:17,19,21	brochure 298:5	Burkhardt's 312:8	289:13 291:9	119:14 120:3
288:16	broke 193:18	313:4 317:18	292:18 293:4	123:1,3 135:1
bottlenecks 170:12	broken 276:3	Burlington 48:8	295:1	199:21 211:20
258:4,5	294:12	195:10	businesses 103:18	290:16 291:9
bottles 262:19	brought 157:19	burn 47:9	120:16 121:7	308:17
bottom 44:15 84:19	brownouts 66:12	Burns 4:8 8:4	249:10,17 280:21	capital 40:17 42:8
100:22 291:15	budget 244:12,13	127:14,16,17	282:1 283:18	54:20 64:18,21
		. ,		
	1	•	•	

	I		I	I
73:20 77:1 82:7	307:14	carrying 166:8	102:2 105:7	310:11,14 312:10
87:1 88:19,22	career 279:3	cars 12:16 26:1	108:15 109:9	312:11 314:1,14
94:20 95:4 97:6	careful 89:6 185:21	36:5,6,13 69:10	113:6 114:4,20	333:12,20
106:7 123:6	286:19 296:5	69:11,12 77:7	121:13 125:16	Century 6:20
187:14 202:18	306:4	87:17,17 110:8,9	147:16 153:18	CEO 74:15 80:10
226:13 243:12	carefully 51:14	113:10 116:21	155:12 157:18	80:19 282:16
244:5,10 254:21	cargo-rich 83:15	128:11 134:12	159:5 172:6,14,18	CEOs 174:10
256:9 257:19	carloads 315:4	210:7,10,13,13	173:11 179:3,20	certain 102:17
capitalist 239:12	316:18,22	211:3,20,22 212:8	180:4 181:7,17,18	106:4 170:3
caps 56:15,17	Carolina 162:17	216:18 217:2	183:4 189:7	181:19 344:17
161:12	Carondelet 4:14	221:1 223:22	191:22 203:2	certainly 57:13
captive 22:1 26:21	carpet 262:19	225:21 226:12	216:18,21 219:5	89:21 93:11,17
27:3 28:8 38:21	carried 311:10	228:16,16,19	223:1,2 224:8	97:6 102:15
47:21 71:5 103:21	carrier 14:9,18	253:14,15,16,17	227:18 230:8	195:17 201:9
104:5,9,12,14	15:17 16:1,3 17:2	256:6,18 268:11	233:8,10 259:21	217:10,14 246:7
110:13,17 111:10	17:9 19:8 26:8,11	268:21 269:5,10	260:5 264:3 296:3	249:22 295:17
112:8 119:16	26:13,17 28:14	274:13 314:20	299:10 300:15	300:15
122:20 124:21	39:1,9 43:1,14	carve 169:22	303:6 306:13	cetera 170:13
139:15,17 140:2	48:12 49:4 62:19	car's 216:22	Casey 80:20	239:18
145:3,9 146:1	65:18 80:9 84:17	case 21:20 30:8	case-by-case 52:16	chain 81:4 85:2
147:4,22 148:4,11	87:21 102:4	31:21 42:13,17	334:18	127:18 292:22
149:4 151:6	103:22 108:4,6	43:16 56:1,6 58:9	catalyst 107:6	320:1
152:17,22 155:2	111:1 125:9 131:2	59:18 64:20	catastrophic	Chair 90:5 92:21
159:15 160:21	131:21 155:1	104:14 108:9	162:20 163:6	chaired 282:16
161:10 190:6	166:9 178:9	109:2,6,9,15	catch 244:9 251:4,4	chairman 1:19,21
194:5 235:22	179:10,11,21	114:3,6,11,13,17	categorically 19:17	7:2 10:3 12:3,4
250:4,8 263:15	180:3,13 204:20	114:3,0,11,13,17	categorically 19.17	23:9,18,21 28:19
266:2,5,9 281:8	204:21 234:4	126:3 136:6,18	category 342.19 caught 240:10	30:1 31:7 33:2,9
285:15 297:5	236:9 237:11	137:10 146:2	cause 134:18 135:7	33:10 34:1,6,6,12
307:5 317:12,17	258:16 259:2	147:15 148:12	171:7	45:19,22 46:1,7
338:16	263:19 265:8	153:6,10,14 156:1	caused 51:3 151:17	46:11 53:3 54:1,5
capture 321:6	326:2,11 328:17	156:4,17,21 157:2	200:4	55:10,17 56:19
-	· ·	·		, and the second
322:20 335:17,17	339:7 343:14,15	160:16 161:16	causes 171:12	57:1,4,6 58:4
335:20	344:18 345:4	165:7 168:12	causing 172:6	59:20 60:15,22
captured 187:2	carriers 13:16,18	172:13 173:2,9,14	caustic 127:21	61:2,19,20 72:5,9
capturing 317:15	13:22 15:2 17:12	178:17 179:20	129:19 164:8	74:2,8,9,15 79:15
car 80:19 112:15	20:5 21:16 73:5	181:17,20 182:13	caution 88:17 89:6	79:20,20 80:3
131:13,17 134:15	81:7,8 86:2 87:22	182:17 183:5	cautious 73:18 95:2	85:19,21,22 87:15
146:7,8 195:7	91:9,11 99:11	230:3 238:7	cautiously 314:7	88:2 90:13 92:21
217:9 223:9 229:3	108:16 126:9	242:10,12 259:13	ceiling 148:9	98:3,15,15 110:3
229:7,15 230:8,10	133:11 135:11	260:8,10 261:9	273:16,18	110:3 115:22
239:18 255:11,12	178:1 183:15,16	263:18,21 269:20	center 3:20 4:18	116:6,8,9 127:13
255:18,20 256:2	196:1 230:21	271:1 297:17	219:17	139:1,6,6 149:14
268:15 269:7	231:9 252:22	298:2,22 299:4,13	centers 274:2	149:18,19 156:10
carbon 75:7	257:9 289:2,3	303:1 315:17	290:17	173:20,21 175:5
care 206:13 234:18	295:19,22	346:2	central 6:5 9:9	176:7,9,10 177:11
250:5 259:17	carry 110:10 166:8	cases 37:13 52:9	25:18 128:9 310:8	177:22 178:3,8,12

178:21 179:2	264:15	charge 21:8 45:12	chills 345:6	claims 77:6 134:16
181:4,14 182:7,22	chance 26:14 60:16	49:22 51:10 95:8	China's 61:22	clarified 63:10
183:6 186:6	153:1 279:6	95:17 190:5 299:6	chlor 140:17 141:2	clarify 52:5 218:22
194:11,20,21	316:11	318:21	chloride 127:22	347:5
205:12 214:21	change 13:17 42:15	charged 20:21	129:20 131:17	clarity 176:21
217:16 221:17,21	43:13 51:7,8	charges 21:8	chlorine 106:21	class 74:20 80:14
222:1,13 224:9	65:12,17 118:5	112:16 128:12	127:21 129:12	82:16 84:12 87:18
225:8,20 226:19	123:20 136:4	324:13 328:1	141:4,9,14,19	132:19 135:8
226:20,21,22	154:21 159:16	charging 281:8	141.4,9,14,19	140:21 144:2
228:6,8 230:12,18	170:14 206:4	Charles 28:5 33:13	145:17 150:14,17	160:16,19 162:8
231:6,17 233:1,13	217:1 219:15	151:10 152:16,17	150:18,21,22	213:5 253:18
233:21 234:9,13	275:17 323:13	174:4	150.18,21,22	274:12 276:6
235:16,18 249:20	324:3 330:1 335:4	chart 250:2,6	152:6,7,19 162:1	280:19 283:16
250:11,14,16,18	341:20 342:1	320:13,16 322:12	162:2,6 164:8	310:7 312:17,20
251:17,18,22	changed 15:1 20:5	320:15,10 322:12	choice 115:2	317:9,19 332:15
252:1,5 260:19	29:16 117:17	charts 215:7	118:18 239:8,10	333:17 338:5
262:1,5,5 272:12	138:14 198:14,19	225:12 243:10,11	239:14 268:19	343:2
272:17,17 277:14	201:4 280:10	chase 257:19	285:16	classic 30:8 258:4
277:21 278:3,4	336:18 340:15	chasing 226:7	choices 93:3 138:17	classified 150:15
286:21 287:4,9,14	changes 20:20 31:4	chassis 80:12	choose 122:14	212:1,10
287:20 295:5,7,8	32:22 38:7,8	cheaper 281:4	152:11 295:15	classify 228:15
295:13,20 297:2	73:18 78:16 88:6	checks 103:11	317:14	Clayton 4:15
298:6 304:18	95:3 112:14	109:4 154:8	chooses 36:11	140:16
306:7 307:13,15	116:17 119:10,12	chemical 3:18 4:6	145:13	clean 13:3 284:21
308:6 309:5,18	120:9 122:9	7:24 8:4 24:17	chose 179:19	clear 22:5 44:20
318:8,12,13	124:12 140:12	28:2 110:5 123:9	307:10	53:13,15 59:14
329:16 330:14,19	156:3 159:6	123:22 124:4	chosen 133:6	63:8 129:15
331:14 333:8	182:19 185:10	127:15,18 141:10	Chouteau 2:12	169:15 231:16,18
338:22 342:6	214:16 244:1	141:10 148:21	Christopher 3:2	291:3 308:9 329:9
345:11 346:5	248:21 261:10	149:1 153:3	7:15	346:3,3
chairmanship	262:11 269:15	154:12,18 164:10	circles 289:4	clearly 147:2 196:6
92:17	272:2 276:8	188:4 234:1 253:5	circuitous 36:12	197:18,19 212:16
Chairman's 315:12	283:10 292:19	297:6	circulated 331:13	259:15 275:6
331:11	308:16 323:5	chemicals 4:18	circumstance 73:4	Cleveland 84:6
chairs 10:12	341:11	123:12 127:20	circumstances 45:1	211:10,14,17
challenge 56:4 58:1	changing 160:12	128:2,5 142:16,22	45:3 93:7	212:14 215:8,17
59:1 88:9 125:14	216:14 248:16	143:1,6,8,15	cite 296:6,10	217:6,13 221:11
180:18 285:20	293:18 318:3	150:8 164:2,2,3,9	cited 138:19 191:10	225:11
321:8,15	Channahon 5:18	187:20	Cities 279:14	clients 320:5
challenged 22:7	253:7 255:16	chemistry 106:20	citing 105:18	close 31:19 193:19
264:19	characteristic	151:15	city 25:12 26:2,10	232:18 322:1
challenges 85:6	323:9	Chicago 5:6 6:4	26:13 27:2 47:8	closed 131:14
113:15 136:2	characterize 64:13	135:6,9,12 273:3	47:21 48:6,9,17	314:15
290:18 317:15	characterized	295:14,17	69:20	closely 80:14 183:4
325:20 326:1,4,15	312:20 313:15	Chief 116:12 195:2	claim 118:4,9	203:18
332:1	characterizing	205:21	claimed 137:22	closer 105:13
challenging 261:21	148:19	child 145:8	claiming 112:2	closing 137:11

		_	_	
271:22 286:3	123:17 266:8	35:6 45:9 46:14	241:7,20 242:9	260:6 280:17
314:16	274:11 288:18	47:12,17 50:13	243:2,7,18,21	281:4 293:22
cloud 68:12	combine 277:10	51:19 55:13 72:6	244:4,13,18 245:2	303:10 327:19
CN 311:1 314:5,7	288:12	90:1 100:6 106:19	245:18 246:4,19	company 3:18 4:1
333:21	combined 50:21	107:2 129:15,16	248:8,12 249:6,10	5:1,9 6:1 7:24 8:2
CNJ 6:16 9:16	come 11:10,13 58:1	137:22 143:18	249:18 262:6	8:11,13,22 9:2
coal 12:12,15,21	59:17 60:5 62:13	147:12 148:18	270:5 272:18	72:19 73:7 74:17
13:2,3,7,10,11,14	69:22 165:19	149:12 156:13	298:15 300:8	80:12 86:10 99:7
14:6,17 15:1,5	166:18 171:15	163:16 184:1	302:4 303:15	114:7,12 116:3
19:14,15 25:17,21	173:20 190:20	193:21 194:12	304:8,16 309:10	121:8 140:15
25:22 26:15,21	193:4 204:5 238:9	198:3 199:4	309:19 318:13	141:5 145:9 149:5
27:3 35:10,13,15	238:12 240:13	201:13 204:14	333:10,11 337:2	151:4 155:4 164:3
35:20 36:18 37:5	251:7 280:21	213:15 253:2,2,3	338:2,20	195:16 203:9,10
37:11 47:10 50:22	281:20 307:4,5	253:4 272:13,19	Commissioners	256:14 273:2
51:7 53:9 57:10	338:12 345:4	273:5,9 277:11	23:4 205:19	289:16 297:18
59:4 60:19 61:7	comes 11:12 95:15	288:13 308:8	commitment	company's 73:13
61:15 62:1 66:6	184:22 217:8	309:7 310:18	263:12,14	compare 202:16
66:14,17 67:22	221:8 235:13	314:3 316:13	commodities	211:9
72:19 86:9 157:18	244:22 269:15	331:3 346:17	113:14 116:21	compared 28:9
197:10 198:1,13	326:12	commerce 89:19	142:21 335:7	37:11 104:9
199:5,13 209:8	comfortable	commercial 5:10	commodity 62:2	293:15 297:3
214:10,12 222:8	180:14	5:13 48:22 50:6	80:18 119:21	323:2 326:6
231:13 234:20	coming 10:5 33:18	141:3	129:22 142:20	comparing 166:22
248:16 249:11	48:9 121:22	Commission 97:13	143:21 146:6	225:16
250:1,12	192:15 226:7,17	Commissioner	150:14 162:10	comparison 36:21
coal-fired 24:18	250:19 298:5,13	1:22 12:4 34:7	164:5,10 167:2	212:13
47:7	commenced 14:5	41:9 46:1 61:20	188:4,15 256:21	compelled 132:8
coal-generating	commend 174:6	61:21 63:5,7,12	315:21 338:5	compelling 80:21
198:15	260:21	65:19 66:11,18	commodity-speci	103:20 146:4
coast 13:12 248:21	commends 47:1	67:5 68:12 69:9	143:20	compensate 37:19
263:10 264:5	comment 56:1	70:2 71:11 72:3	common 48:12	compete 14:1 32:1
304:6,10,12,14	71:12 90:12 96:14	74:9 79:21 90:13	49:4 166:9 290:13	32:12 44:12 62:5
coastal 197:9	96:18 138:12	90:14 95:5 96:19	328:11	83:8 92:11 96:10
coasts 84:11	139:8 164:20	97:8,20 98:16	commonly 80:4	101:3 105:3
coating 150:8	165:2 176:14	110:4 116:9 139:7	communicated	117:20 122:13
coin 284:5	179:2 183:7	149:20 156:14,15	151:13	124:5 133:1
coincidentally	188:17 192:8	157:22 158:15,21	community 99:22	137:21 138:10
346:8	193:1 234:14,15	161:12 164:19,21	206:12 277:6	146:20 154:11
collaboration	250:5 254:15	164:22 166:3	292:13 294:8	159:20 160:9,19
319:13 330:11	261:16 308:7	167:9 168:13	324:8 330:5	185:4,5 188:16
339:2	311:20 312:2	169:14 173:8,17	companies 29:9	189:11,15,16,18
collapse 310:7	347:1	186:7,8 189:21	78:7 96:9 101:12	196:11,11 197:5,8
collar 74:18	commentary	191:8 192:14,22	105:4 115:1,18	197:19 205:6,8
collected 22:22	148:12	193:9,22 194:9,22	123:1 132:22	207:15 231:9,15
College 4:19	commented 148:7	200:22 235:19,20	150:5 153:4,14	234:16 263:1
Columbus 212:10	comments 12:8	237:2 238:2,19,21	159:20 186:18	302:16 311:2
combination 20:14	18:9,9,18 20:11	239:6 240:12	195:18 206:21	315:10,11,13
	l			l

21611	107.0 < 100.01	101 10 12 16	1.00.1.1.00.5.0	
316:11	127:2,6 129:21	101:10,13,16	122:14 205:3	94:21 102:16
competed 49:14,17	131:12 132:14	103:1,17 104:1,11	289:15,20 290:4	162:14 306:20
199:6 205:5	138:12 139:10,14	105:2,15 106:5,16	complaint 156:17	308:15,20 338:19
competes 318:1	139:16 140:13	107:7 113:21	complaints 56:17	340:20
competing 14:7,18	145:11,22 152:13	118:20,21 119:11	259:4 297:11	concerning 52:6
17:9 24:14 25:1	154:22 159:10,17	120:8,11 121:9,19	complement	73:22
27:14,21 53:16	159:21,21 160:6	124:9 125:20	245:11	concerns 113:17
65:11 83:14	160:13 161:1	126:8 127:1,2	complementary	129:13 147:11
179:11 183:15,17	171:11,21 172:19	130:3 132:16	246:6	184:5 185:14
246:6 292:4	179:8,8 183:11,12	133:19 153:22	completed 18:22	218:1 246:13
304:22 305:3	183:14 184:13,17	154:2,13,19 166:1	320:7	297:14 308:10,22
competition 1:8	184:20,21 185:13	179:13 180:8	completely 67:2	concessions 266:5
12:10 13:7,15	186:4,9,15,16	184:2 187:11	92:13 239:4	conclude 45:5
21:16 22:6 23:6	187:12 188:8	204:22 207:1	332:16	131:9 339:3
24:3,13 26:19	196:9 197:12	232:22 235:2	complex 83:1 90:8	concluded 43:5
28:20 29:4,8,14	198:4,22 199:12	250:3,9 254:6	209:7 229:6	347:16
30:3,5,13 31:12	249:16 254:6	257:3 258:8,11,20	290:20 303:16	conclusion 115:13
32:10 33:4 34:21	258:1 259:11	261:2 263:1	complexity 125:15	126:16 214:14
35:1 38:2,20	260:20 261:16	265:22 266:4,9,11	156:5	260:19 305:1
39:11 40:1,5,7	262:10,13 265:3,4	268:5 269:14	complicated	condition 290:9
41:1,11,12 42:5	266:14,22 267:3	271:6 276:15	109:11 114:2	conditions 16:7
44:16 45:15 47:15	267:14,15 268:7	278:17,21 282:22	172:9,10	122:3 140:3
47:19 48:3 49:8,9	269:16 271:2,3,9	283:6 284:9 286:8	complicit 282:11	145:12 159:2
50:18 51:17 52:11	271:14,16,18	286:14 293:15	component 105:19	182:4
53:21 54:4 57:16	272:2,3,7,20	295:16 310:11,21	320:21	conference 312:15
57:17 58:7,12,13	278:6,11 282:6	314:12 315:2,3,19	components 106:13	confidence 45:16
58:19,19 59:3,11	284:13 286:2,5	316:8 318:18	345:10	confident 32:15
65:9 69:3 71:10	305:1 306:16,18	319:3,10 328:7	compound 83:5	303:1
80:2 81:4,11	307:9 311:6,13	329:4 332:18,21	138:18 273:12	confidential 19:20
82:15 83:9,22	315:7	337:22 342:3,4	comprehensive	199:7
84:17,20 87:9	competitive 13:9	344:21	261:20	configuration
93:9 94:3,9 95:20	14:15,21 16:14	competitiveness	computer 247:8	232:7
97:19 98:21 100:7	17:5,16 20:3	13:18 55:4 73:14	computerized	confirmation 52:14
100:9 101:7	21:14,17,21 26:14	105:20 106:13	216:3	confirmed 132:6
103:14,14 104:1,7	27:17 28:13,17	120:20 123:19	concentrated 120:3	confused 118:1
106:10 107:5	29:19 30:16 31:10	143:19 163:21	concentrating	133:12 345:13
109:1,4,18 111:2	31:13 32:18 33:5	164:5,6,7,16	313:17	confusion 168:8
111:6,7,17 113:1	39:13,20 41:14,15	248:16 249:8	concept 224:19	congestion 113:16
115:5,7,14,20	43:15,20 44:6,9	310:13 311:9	290:7 319:9	134:20 135:6
116:16 117:11	44:21 49:2 50:15	316:2,14 317:1	concern 24:6 54:6	212:18 Congress 20:17.17
118:5,7,10,14,14	59:10,15 60:12	318:5	94:15 144:8	Congress 30:17,17
118:19 119:2,18	71:1,8 73:12	competitive-based	161:19 162:21	30:22 31:22 49:10
121:4,18,21	74:12 76:5 81:19	103:11	167:13 170:21	50:8 63:15 77:21
122:11,17 124:6	82:16 84:4 88:8	competitor 76:17	185:15 311:15	283:7
124:11,14,15,21	90:22 92:2,3	196:18 265:21	317:16	Congressional 27:1
125:7,22 126:8,11	93:12,14 99:13	competitors 70:8	concerned 51:6	connect 229:13,14
126:13,15,17	100:5,12,15,20	105:7 118:22	78:15,20 89:9	341:22
				l

. 1000 01	1 120.1	5 0.40.0 5 .5.46		101 11 100 11 10
connected 339:21	constitute 138:1	78:18 97:5,16	310:14 312:11	121:11 123:14,18
339:22	constraint 189:12	125:21 136:7	314:5	131:12 134:11
connection 224:15	189:14	141:7 149:7	controlled 311:1	144:16 147:16
connections 228:21	construct 48:5	151:16 162:13	controller 208:1	148:9 151:7 152:3
229:14	263:9 264:4	170:18 185:10	controls 13:12 44:3	156:5,16 157:3
Conrail 332:8	constructed 16:22	277:9 294:7 295:1	conventional 75:5	161:3,15 166:20
conscious 165:13	255:17	295:2 335:8	Conversely 323:22	167:1 177:6 190:1
165:15	constructing 48:15	continued 9:2	conversion 329:6	190:10,13,15
consequence 44:10	construction 17:9	13:14 74:14 92:4	converting 13:1	199:22 204:7
141:22	34:16 48:4 128:4	112:17	conveyed 219:2	217:6,7 225:22
consequences 44:3	256:19 273:14	continues 117:10	cookbook 59:6	232:10 239:19
consequently	consultant 302:1	197:20 222:11	cooperation 319:14	240:8 241:12
119:19 237:20	consultants 270:16	continuing 240:5	cooperative 2:14	254:11,18 260:8
269:13	consulting 252:18	contract 15:6,20	2:17 7:8 34:17,19	261:7 264:2 270:8
consider 36:14	301:18	16:7 65:6 68:1	73:12	270:10,12,13,19
95:3 104:22	consumer 12:12	114:14 120:13	coordinate 208:1	270:20 297:20
107:16 131:16	157:9	121:14 122:2	225:5	300:18 301:4
147:9 149:2 197:6	consumers 35:17	136:10 137:1,4	coordinates 208:3	304:1 305:16
261:10 284:12	77:19 85:16 127:8	139:19 154:4	coordination 225:1	311:16 313:21
285:12 313:8	239:7	158:11 191:5,7	290:22	319:1 320:19,20
333:4	consuming 12:13	192:16 264:13	copies 11:4 346:21	321:4,5,21 322:10
considerable 107:3	consumption	267:8	core 81:10	323:21 324:1
302:8	321:11 328:12	contracting 74:18	corner 275:7	325:7 327:14
consideration	334:8,13 335:17	contracts 14:7 50:4	Corp 6:16 9:16	328:15,21 336:22
106:17 109:7	335:21 336:5	81:22 112:11,13	corporate 139:11	338:18 340:9
201:1 286:19	340:9	122:6 144:15	206:1	costing 71:16
considered 38:8	contacted 136:19	191:16 193:6	corporation 2:9,15	costly 113:12 241:5
253:10,12	container 81:17	contractual 59:8	4:7,12 7:5,8 8:4,5	costs 12:19 20:16
considering 56:8	82:10 83:11 84:5	contradictory	11:22 34:17 46:19	23:3 36:13,17,18
286:1	84:15 97:9	118:2	127:15 139:4	36:20 37:11 38:15
consistency 108:19	containerization	contrary 112:1	195:7 253:5 273:3	41:5 49:20 51:1
consistent 77:5	313:18	286:4	316:19	66:1 77:14 100:10
143:17 168:4	containerized 81:4	contrast 122:18	correct 58:14 64:16	100:16,21 101:2,8
consistently 15:14	83:5	313:13	68:21 70:15 168:6	102:6,9,10 103:6
88:14,16	containers 74:20	contribute 142:1	182:9 306:4	103:12,16 104:18
consists 201:4	232:4,6 320:10	261:19	341:18	104:19 105:8,18
CONSOL 3:1 7:14	contains 25:8	contributed 299:18	correctly 38:6	107:13 112:15
72:13,18	contend 259:10	contributes 311:15	55:15	113:17 114:11
consolidation	contends 268:6	contributing 77:15	corresponding	115:2 121:5
111:1 200:5 276:7	context 84:1 105:1	141:22	148:14	122:10 123:9,13
consolidations	182:8	contribution	cost 12:21 18:13	128:17 131:10
119:9 317:11	continental 140:19	317:16	21:22 22:22 37:10	137:12 138:7
constant 111:14	continually 219:22	control 67:7 125:9	37:13,21,22 38:6	151:20 152:18
243:15,22	continuation	153:1 165:5	38:8 56:1 66:3	153:11 156:19
consternation	132:18	207:20,21,22	70:10 71:21 97:5	157:13,16 171:10
330:10	continue 32:16,20	208:8 227:18	102:12,22 109:9	171:16 187:7
constituents 29:1	51:9 75:11 77:9	234:2 245:14	109:10 115:16	200:9 204:11

220:19 240:15	342:11	created 49:12 65:8	211:19 218:11	298:8 340:20
242:8,16,17 255:7	course 31:15 61:22	82:4 146:16	222:10 263:18	341:4 344:13,14
257:1 260:2 261:7	70:9 85:11,13	167:17 195:9	264:1,12,19 267:7	344:15
264:11 268:5	90:16,20 97:20	197:4 232:21	267:12,16	customers 24:7,8
269:19 297:18	115:11 157:18	291:12	culminating 276:9	24:12 25:2 27:12
301:20 319:22	163:2 166:4	creates 113:14	cumbersome 126:4	27:19 29:21 30:6
		118:18 323:20	cumulative 153:2	
320:3,6,15 321:2	173:10 188:1 216:22 227:16	324:7 326:15	CURE 106:21	30:10 31:17 35:2 36:4 38:4 46:21
321:11 322:4,20 323:10 324:3		324:7 320:13		
	315:20 345:1 court 251:20		curing 36:17	49:22 51:4,10
325:1,5,17 327:10		creating 319:9 332:4	current 27:17,20	78:2,10,22 82:20
327:16 328:2,11	courtesies 33:9	:	28:17 29:14 31:4	93:16 95:10,12,15
330:8 335:17,20	courts 303:18	creation 332:9	32:22 34:21 69:19	113:7,8 114:10
336:4,7	304:3	creative 73:11	79:9,12 80:2 81:2	121:11 123:6,20
cost-effective 79:6	cousin 33:14	94:11 185:5	82:2,10 83:21	144:10 151:3
cost-effectively	cover 184:15	creatively 171:14	85:13 105:1 109:2	160:1 195:14,14
292:16	324:15	creativity 87:9	109:3,15 113:2	202:22 205:11
cottonseed 337:13	covering 272:20	95:22 184:22	116:15 138:20	207:9 209:15
Coughing 329:12	covers 163:5	credible 44:20	147:2 148:1 153:5	212:16 213:4
Council 106:21	co-owner 42:18	Creek 18:19	155:9 172:11,13	220:12 222:3,4,5
282:16,19	CP 130:17,21,21	crew 201:4 210:10	243:14,19,20	226:4 233:9,9,10
counsel 8:12 12:6	131:1,6	211:4 218:12	259:7 260:9 261:8	242:13 253:20,22
counter 240:21	CPC 5:15 8:18	221:12 222:9,10	262:10 285:6	255:8 256:13
counterpoint	251:13 252:4	222:10 223:19	311:7 325:20	258:17,21 259:16
217:17	253:1,6,10,18	224:6	326:5 328:5	266:13 267:21
countries 84:10	254:21 255:2	crews 218:10	currently 21:15	268:11,13,14,16
150:10	256:8,17 257:8	223:18 225:1	22:9 29:3 79:5	268:18 269:4,9
country 74:14	259:3,9 260:1,12	crew's 217:21,22	88:8 99:2 101:17	289:19 294:4
89:19 122:15	260:16 261:12	cringe 345:3	125:16 126:2	343:18,22
123:3 124:2,2	CPC's 252:13,16	crisis 206:19	154:14 188:19	customer's 256:15
126:10 174:2	258:5	336:20	210:7 212:21	313:19
196:20 216:17	crack 307:14	critical 74:13 77:10	current-day 218:21	cycle 36:8 67:19,21
228:3 274:18	Craig 6:12 9:14	83:4 89:5 100:2	223:5	68:6,15 328:10
276:12,17 277:1,7	318:14	101:11 105:19	curve 204:7	C-O-N-T-E-N-T-S
281:13 283:18	crass 161:20	142:6 143:5 144:8	curves 210:15	7:1 8:1 9:1
288:4 294:11	crazy 306:1	196:8 199:22	curve's 226:15	
309:3 316:21	create 48:3 49:7	208:18 254:4	customer 27:13	
333:18	59:14 87:4 88:18	274:22 278:16	80:15 120:19	D 1:21
country's 75:11	91:21 124:20	288:8 292:17	126:17 130:14	dad 279:2,4,5,11,11
77:15 274:20	147:13 159:17	321:13	136:20 141:15	279:13,16
288:6 291:17	160:13 161:1,2,8	critically 89:18	145:18 154:6	daily 322:16,22
couple 45:10 53:6	169:22 170:1,10	cross 48:8 228:2	195:4 205:4	323:5
65:7 66:9 86:12	171:9,21,21 179:9	343:10	209:12 216:12	Dakota 197:1
119:12 165:1	180:7 201:16	crowd 10:5	220:6,11,17	Dallas 4:10
183:4 190:3	207:7 210:22	crude 197:1 322:17	233:12 234:6	damage 77:5
243:10 302:15	211:4,7 242:21	323:6,22 334:15	235:7,14 237:6,13	damages 56:7
310:3 323:3 326:4	258:11 261:1	CSX 73:1 83:9 88:1	242:21 256:17	Dan 90:15
331:12 334:19	329:22 330:3	134:5 137:22	266:14,15,18	dangerous 163:2

Daniel 1:19 7:2	124:12 167:3,3	defer 264:17	148:13 161:6	destinations 115:8
dark 165:14	310:15	defies 290:7	283:1,2 312:14	134:6 266:11
darn 223:14	decades 80:13	definite 69:5	322:19 324:15	268:3 289:2
data 22:22 197:13	135:3 210:20	definitely 152:21	departure 161:14	destroy 106:5
320:13 322:8,11	283:15	305:14 306:6	depend 127:1	detached 326:14
335:19 339:2	decease 66:17	334:21	278:14	detail 41:22 174:20
340:5	decide 70:11 123:2	definition 90:22	dependent 29:2	284:14 292:7
date 280:8	144:3	degree 117:14	151:4	detailed 50:4 171:9
David 2:3 3:6 7:7	decided 264:4	delay 212:19	depending 91:15	172:3 190:19
7:17 23:22 281:17	279:14 281:4	delayed 127:5	93:7 232:7	229:5,5
day 10:4,7 11:21	299:7 332:16	154:19	depends 115:11	detailing 199:8
139:18 144:21	339:17	delaying 213:4	117:6 272:11	details 194:4
147:7 159:20,20	decides 161:15	delays 135:7	Deputy 12:6	deteriorate 242:20
171:22 172:16	deciding 109:8	deliberation	deregulated 90:3	determinants
182:1,11 194:17	decision 43:8,10	137:18	91:8,10 92:22	121:17
222:7,12 240:2	61:7 137:4 166:22	deliver 223:20	97:14	determination
294:16 308:9	194:7,8 239:21	241:3 253:20	deregulation 27:15	271:21
326:22 335:18	261:20 263:21	313:9	76:10,13 93:21	determinations
336:3 339:12	264:17 290:3	delivered 12:21	derivatives 141:20	52:15
days 45:10 76:6	303:13 306:5	51:1 138:2,5	describe 310:19	determine 23:1
91:12 134:19	340:15,18	268:10,13	described 29:3	36:8 92:14 210:11
202:13 220:15	decisions 123:5,11	deliveries 35:20	312:16 314:9	265:14 271:7
224:4 271:12	123:21 137:14,17	254:1 269:4	describes 145:20	determined 168:20
301:20 306:20	159:1 165:13,15	delivering 167:19	describing 227:8	263:11 264:21
310:4 333:16	290:2 321:3	177:3 180:2	description 313:5	determines 208:9
347:2,8	326:21,22 329:1	delivery 49:20	313:22	detour 135:15
day-to 172:15	341:14	66:17 67:22	design 185:22	detour 133.13 detouring 134:22
day-to-day 88:21	decision-making	119:21 198:13	256:5	detriment 25:4
170:15 171:6,18	321:14 328:13	delving 284:16	designed 59:5	127:5
DC 46:3 280:22	decisive 329:9	demand 112:18	201:17 209:12	detrimental 122:12
de 4:1,5 8:2 116:3	decline 290:16	154:9 226:7 275:4	228:15	develop 232:18
125:2 184:10	declined 254:8,17	288:11 290:16	desirable 237:14	256:14 257:18
dead 302:20	declining 133:18	demanders 239:13	desire 151:13,17	developed 41:7
deal 140:20 163:18	199:19	demands 121:15	despite 22:15 105:8	77:11 232:14
300:13 315:18	decrease 40:22	demonstrate 71:9	116:22 262:21	256:16 259:19
337:10,12 340:16	41:2 67:3 68:11	166:19 199:11	264:11 266:3	developer 210:5
dealing 65:22 66:1	69:4	310:20	267:5 283:19	216:5
135:1 167:8	decreased 14:4	demonstrated	314:19	developing 106:2
173:13,13 200:2	128:22 267:4	22:11	destination 110:16	107:16 207:13
214:17	decreasing 68:8	demonstrates 22:5	129:6 131:14	development 83:11
dealings 170:15	deemed 142:5	258:1	179:5,6,7 210:13	127:3 195:5
dealt 73:7	deep 90:9 190:18	denied 108:16	216:7,17 219:4	deviation 203:19
debate 126:12	229:4	146:15,19 241:15	220:4 222:11	DeWitt 6:7
275:16	deeper 81:15	density 232:14	223:4,14 227:7,11	de-bottleneck
debilitation 299:19	deeply 278:22	Denver 296:12	227:21 228:3	125:4,6
decade 102:7	default 315:8	depart 331:5	258:3,6 265:8,11	de-regulate 91:22
117:17 119:9	defense 142:8	Department	296:17	dialogue 135:20
111111111111	40101100 1 12.0	- opar amont	270.17	
	<u> </u>	<u> </u>	<u> </u>	ı

126 1 4 210 14	11 4 222 0	1100.2	D:	1
136:1,4 218:14	digest 322:9	dismayed 199:3	Diversified 5:15	dominant 196:1
330:3 341:12	dilemma 215:12	dismiss 337:17	8:18 251:13 252:4	door-to-door 131:5
Dickman 6:12 9:14	diligent 275:8	dispatch 208:4	252:13,16 253:1,6	232:12
309:14 318:9,12	direct 144:9 266:15	dispatcher 208:5	253:10,11,18	double 84:16 203:3
318:15 329:17	332:12	dispatcher's 208:7	254:21 255:2	283:22
330:15 334:19	direction 259:21	disproportionately	256:8,17 257:7	doubled 76:22
339:1,9	291:3 334:6,21	190:6	258:5 259:3,9	double-digit
dictate 152:6,10	335:14	disregarded 257:6	260:1,12,15	192:21
dictated 154:6	directions 36:1	disregarding 38:11	261:12	doubling 256:4
dictates 134:3	directly 100:22	disrupted 247:4	diverted 135:13	Dow 3:18,20 7:24
diesel 20:13 322:21	104:19 105:13	disrupting 248:6	divest 133:6	110:5,7 111:9,17
323:8	129:3 138:9 142:2	disruption 37:7	divide 83:14	111:21 112:19
difference 62:11	142:2 144:17	disruptions 36:22	dividend 283:22	113:7,8,14,20
70:22 205:7	191:2 259:6	37:3	dividends 150:6	115:4,13,18 183:1
231:20 246:9	265:20 290:1	disruptive 241:4	division 140:17	Downers 3:8
317:4	director 98:18	dissociation 122:2	177:4	downsized 203:22
different 14:14	262:8	distance 111:11	DL 130:15 131:6	downstream
20:6 24:22 28:14	dirt 187:19	113:20 210:11,18	docket 1:8 18:4	120:19 123:20
73:2 94:17 116:21	disadvantage 327:6	distances 152:20	139:9 163:14	144:11
121:7 135:17	disadvantaged	253:22	dockets 18:6	downward 242:19
146:20 156:18	126:20	distilled 274:19	166:14	Dow's 109:22
173:10 195:19	disagree 143:16	288:5	documentation	110:19 111:4,12
198:15 204:16	disappear 92:10	distinct 229:20	157:15 301:2,15	draconian 244:1
209:14,15,15	disasters 144:22	232:10	documented	drag 124:6 299:10
214:1 216:9,21	discharge 84:14	distinctive 345:15	145:15 146:14	dramatic 111:9
225:3,3 228:4,12	discipline 119:6	distinctively	206:18	115:14 118:15
229:21 230:1	disconnection	342:21	DOE 323:4,16,19	147:1
231:2 234:17	327:15	distinctly 229:22	doing 17:19 177:16	dramatically 13:19
245:13 247:13,19	discouraging 56:18	distinguish 41:16	182:17 245:15	14:13 79:4 120:17
280:17 291:7	discovered 168:17	41:17	254:18 270:8	200:13,20 204:11
307:22 323:9	discretion 107:4	distort 322:5	280:13 345:22	325:11
336:13 339:21	discuss 100:10	distorted 325:2	dollar 154:18	drawn 305:2
342:22	106:14 130:1	328:20	160:10 291:22	dredging 81:15
differential 62:6	173:9,15 318:22	distortion 321:18	292:3	drive 3:12 4:19
118:18,19 190:8	341:9	323:20 327:14	dollars 13:1 77:14	123:10 124:4
311:11 317:11	discussed 41:22	336:11	142:2 165:9 172:5	189:17 282:14
differently 188:10	52:18 63:13 100:3	distortions 324:6	172:22 206:22	driven 103:1
243:8 289:22	174:18 218:16	distributed 290:18	207:4 243:14,15	289:16
327:10	219:11 221:15	distributer 252:9	243:17,19,20,22	driver 232:2
difficult 76:6 90:6	303:12 314:12	distributing 253:8	domestic 77:18	drivers 74:19 232:9
136:7 137:17	discussing 332:16	distribution 274:2	84:15 122:18,22	drives 121:4
159:11 187:10,14	discussion 107:2	313:1 317:22	128:7	drop 13:14 70:12
188:7 207:10	139:19 167:5	distributor 273:21	domestically 101:3	220:19
261:21 322:9	197:11 341:11	District 2:20 7:10	105:3	dropped 325:11,14
326:16,21 330:8	discussions 264:1	45:21 46:4 69:14	dominance 52:7,8	dry 320:10
335:16	342:11	districts 210:10	52:15 58:11 70:3	drywall 273:22
difficulties 117:13	disincentive 114:19	disturbing 158:1,8	70:5,11 129:4	du 4:1 8:2
		, g :,o	, , , , , , , , ,	
	I	Į	I	I

d1 207.2	22.20.202.20	40.9 51.17 52.10	102.10 121.5	277.21 279.4
dual 307:2	easily 23:20 203:20	49:8 51:17 52:10	102:10 121:5	277:21 278:4
dual-serve 71:19	335:10	58:12,14 70:8	146:17 168:14	286:21 287:4,9,14
dual-served 52:18	East 6:8 86:9 87:22	71:10 94:6 97:18	179:16 198:18	287:20 295:5
86:19	119:3 228:1	111:16 114:21	219:3 221:3 230:5	304:18 306:7
Duck 18:19	232:16 279:5	180:16 201:19	306:18 327:19	307:13 308:6
due 14:6,8 23:13	eastern 46:22 73:4	216:11 239:13,13	electric 2:14 7:8	309:5 318:8
66:14 67:4,6 68:3	86:9 128:9	317:13 321:2	24:18 25:16,18	329:16 330:14
77:6,20 110:2	easy 10:16 92:16	effectively 40:8	34:17 35:16 46:18	333:8 346:5
114:20 137:15	289:4 306:21	97:19 129:9	278:13	else's 90:7
142:22 314:15	echoed 312:2	136:15 154:11	electricity 25:21	embarrassing
Duncan 6:6 9:10	economic 25:4	161:20 209:13	38:1 50:1 51:11	10:21
DuPont 4:3 116:3,4	38:15 77:15 101:8	222:17 256:3	electrics 42:20	embedded 20:15
116:13,19 117:1,3	101:9 127:5	271:4 311:5	electronically 11:6	191:5 232:20
117:8 119:9	128:14 143:3	effectiveness	340:1	321:18
120:10,15 121:8	162:5 195:4 206:7	311:13	element 67:15	emerging 85:6
121:22 123:1,19	272:10 304:2	effects 29:7 100:8	290:3 316:7	emission 13:12
124:4,10,18 125:3	321:17 324:6	106:8 129:21	elements 107:1	emissions 319:8
125:17 126:1	336:11	209:6	eliminate 132:20	321:12 340:10
127:7 188:2	economical 13:10	efficiencies 87:6	eliminating 134:10	341:8,17
190:16 260:6	105:21	201:2 216:9	136:11 170:11	emitted 75:7
DuPont's 116:14	economically 24:9	225:13 246:11,12	271:14 336:11	emphasis 228:22
121:15 122:12,18	143:11	efficiency 38:19	elimination 201:3	emphasize 20:2
duration 133:16	economics 186:12	78:9 113:18 185:6	Elliot 12:3 34:6	163:20 293:13
Durkee 5:18	232:3,20	200:19 246:10	54:1,5 55:10,17	emphatically 18:14
dust 61:7	economies 29:9	248:9 272:8 313:7	56:19 57:4 61:20	277:9
dying 276:2	economist 281:11	efficient 42:11 43:4	79:20 116:8	employee 200:18
dynamics 275:3	economists 161:19	76:17 79:5 101:20	149:19 226:22	employees 99:4
288:11	322:7	127:1 133:22	262:5 318:12	101:5 150:9
D.C 1:14 2:4,8	economy 24:22	134:2 135:10	Elliott 1:19 7:2	235:10 253:9
	29:10 38:16 67:17	187:7,11 201:19	10:3 23:9 33:10	employing 74:17
	68:17 69:6 74:13	206:22 210:12,17	34:1,12 45:19	128:8
E 1:14 5:5 8:12	124:7 126:10	211:13,21 212:17	46:7,11 53:3 72:5	enable 247:1
earlier 18:17	128:6 135:5	217:2 218:6 237:8	72:9 74:2 79:15	328:13
169:16 199:9	141:21 142:2,11	247:15 293:10	85:19 90:13 98:3	enacted 30:18
238:12 251:5	162:6 275:2	327:5 345:21	115:22 116:6	enactment 254:10
294:7	276:20 281:14	efficiently 208:2	127:13 139:1	254:17
early 48:1 167:2	282:12 283:14,19	209:13 292:15	149:14 156:10	encourage 42:10
199:16,21	286:7,8 288:10	effort 99:19 140:9	173:21 175:5	55:5 59:8 61:1,2
earn 42:7 97:5	290:7 319:8	174:5 209:20	176:7 186:6	257:18 261:1
139:21 256:11	322:18 341:17	210:20	194:11,21 205:12	285:5
257:16	economy's 68:22	efforts 49:7 157:1	214:21 217:16	encourages 83:22
earning 322:3	educate 176:15	289:22 313:17	221:17 222:1,13	ended 76:7 119:9
earnings 185:3	effect 51:9 126:16	eggs 159:12	224:9 225:8	328:2
283:21 322:6	137:12 144:9	eight 128:22	226:19 235:18	endorse 253:3
328:20	152:5 153:2,18	247:21 255:18	250:18 251:18	ends 104:2,5 136:1
easier 92:8	171:8 299:21	either 18:5 40:12	252:1,5 262:1	326:7
easiest 161:11	effective 22:6 38:12	54:11 57:17	272:12,17 277:14	end-to-end 82:5

	1	ı	ı	ı
energy 3:1 7:14	125:11 146:1	established 49:2	evident 260:4	270:7
69:6 72:13,19	179:16 226:6	154:1,9	ex 31:11 272:20	excellent 73:4
319:1,22 320:3,5	289:14	establishing 58:19	exacerbated	Excess 199:21
322:19 324:15	entirely 92:1	establishment	324:11	excessive 127:9
328:10	entity 145:19	142:8	exact 50:15 152:19	140:1
energy-related	entry 94:18	estimate 156:21	152:20	exchange 48:14
321:12	environment 14:15	estimated 147:16	exactly 21:2 38:14	141:6
enforcing 39:19	30:16 31:14 77:12	147:18 153:11	58:5 171:17 181:1	excited 288:20
engage 170:20	77:19 81:2 82:3	estimates 156:16	283:3 294:6	exclude 214:8
engaged 126:12	83:22 90:4 94:17	157:5,16 173:7	exaggerated 325:2	excluding 214:7,8
engineer 34:11	94:22 105:2,22	estimating 172:22	326:6	exclusively 39:10
245:15	106:7 154:2 166:1	estimation 307:22	examine 24:2	150:19 256:1
Engineering 34:16	175:11 232:22	et 170:13 239:18	105:17 109:1	excuse 34:14 49:1
enhance 35:1	258:12	etcetera 91:17 96:1	283:9	240:17 269:8
124:15 262:12	environmental	142:10 186:14	examined 106:11	329:19
269:16 271:2	246:13	187:7 200:7 201:4	examining 100:1	executive 35:9 80:9
272:7 291:13	environmentally	222:8 226:14	example 28:1,11,15	195:1 205:20,22
enhanced 118:14	79:6 292:2	249:15	48:18 65:4 97:22	executives 80:20
124:13	envisioned 49:9	EU 97:13	120:21 131:15	87:1 143:13
enhancements	50:8	Europe 97:13 99:8	132:10 134:3	exemption 80:21
120:18	EP 1:9	105:4	135:12 136:9	90:16 91:2 337:15
enhances 271:13	equally 38:8	evaluate 103:7	145:21 147:15	338:4,5,6
342:3	183:13	210:8	152:15 162:16	exemptions 80:18
enhancing 115:5	equation 84:18	evaluation 85:6	168:7 186:11	315:21 337:3,8
118:10 126:15	equidistant 267:19	evened 200:16	187:16 189:10	exercise 120:5
enjoy 76:12 331:4	equipment 220:22	event 148:21 163:3	190:14 196:22	exhaust 61:16
enjoyed 50:19	315:15	163:4	207:19 211:9,14	Exhibit 145:15
52:10 199:19	equitable 280:20	events 37:21 145:1	222:5 239:16	exist 29:20 164:14
enjoys 105:14	equivalent 39:4	145:16 203:5	255:2 257:22	168:11 175:4
enlightening 57:7	era 81:3	213:3,7,9	265:6 266:12	180:5 189:7
enormous 114:6,12	Eric 6:19 9:17	eventually 48:11	267:18 275:19	198:22 265:4
269:19	escalating 137:15	50:22 238:9	296:10 311:1	271:3,4 325:20
ensure 38:20 39:14	escalation 137:20	299:13	316:18 335:7	existed 132:2
45:3 100:3 120:5	especially 113:19	evergreen 133:8	339:20 340:17	168:14
127:7 145:2	114:3 154:6 174:5	everybody 41:17	examples 25:9	existence 53:15
328:19	187:4 191:5 215:2	60:4 68:21 165:7	37:17 53:10 97:10	existing 43:5,11
ensuring 42:2	245:20 251:3	220:5 340:1	129:17 138:19	63:2 113:22 203:1
101:12 108:19	260:11	everybody's 23:19	192:9 296:7	214:17 240:4
enter 112:11	Esq 2:10 5:13	185:18	310:20 314:3	264:16 271:8
122:15,16 167:4	essence 180:8	everyday 141:11	316:16 317:5	288:21 293:2
236:9	essential 141:10,11	everyone's 250:21	324:5	308:15
Entergy 42:18	142:5,10	286:9 346:13	exceed 139:20	exists 118:20 125:8
entering 248:2	essentially 30:4	evidence 41:19	214:9	132:7 267:16
enterprise 97:4	140:6 279:15	42:14 43:12 51:22	exceeded 270:9	271:18 323:1
enters 266:6	establish 47:14	112:3 248:15	exceeding 150:11	328:9
entertain 337:6,15	58:20 60:2 85:14	266:21	274:9	expand 101:4
entire 26:20 90:2	119:22 261:11	evidenced 189:10	exceeds 22:4 71:8	103:18 123:3

200.0	10.10.05.1.155.10	45.45.40	10442026	
289:9	49:13 86:1 157:12	facilities 17:4,7,18	factors 194:4 202:6	faster 77:4 82:5
expanded 13:13	225:18	21:6 28:3 38:21	316:3	204:5 214:13
expanding 78:4	explainable 203:21	39:15 86:18 99:3	factory 279:5,6,10	220:8 307:9
155:7 264:6	explained 224:12	100:16 101:22	279:12,20 280:1,7	fatal 332:2
expansion 78:14	345:9	102:3 103:21	facts 47:5 90:9	father 75:15
255:19 264:11	explaining 227:15	104:9,10,12,14	112:21 117:16	favorable 17:8
267:7,10 275:11	explanation 346:3	105:18 110:12,13	140:11 182:2	FCB 191:6
expect 290:4	exploit 170:5	111:11 113:9,11	213:22 342:1	Fe 195:11 200:14
expected 82:11	exploration 196:20	122:22 145:5,6	fail 185:20,21	fear 44:1 119:22
238:13	explore 322:11	150:15,16 151:6	280:1	281:18,21 282:7,9
expecting 63:16	exponential 158:12	155:2 165:10	failed 279:13 280:7	February 80:17
expedite 306:2	export 77:17	170:19 215:16,17	315:9	83:19 90:17 314:7
expedited 268:17	213:22 214:6,10	252:14 253:8	failing 315:17	322:7
expend 126:6	214:12 274:7	256:4 274:11	fails 315:15	federal 32:4 97:12
expenditures	282:15	296:1,2 338:9	failure 31:5 62:5	290:22
226:14 243:13	exports 29:10 83:6	facility 33:13 171:1	310:13 311:2	feel 99:16 145:20
244:10,15	214:2,4,12	212:4 215:8,13	315:11	180:13,15 334:3
expense 203:15	express 80:1	255:10 263:9,16	fair 49:22 51:10	feels 312:6
284:6 292:12	expressing 33:19	264:7 277:13	64:5 100:4 277:4	fees 114:4
303:9	extant 168:21	288:15 296:11	280:19 324:4	feet 40:16 193:13
expensive 36:19	extend 125:10	307:18,18,20,21	fairly 68:5	fell 190:6 325:17
77:4 114:2 126:5	165:11	308:2 343:20,21	fallen 76:20	fellow 49:12 252:6
131:7 153:8	extended 43:2	344:16 345:5	falling 276:8	felt 331:9 333:2
155:12 232:3	extensive 118:7	facing 84:4 85:6	false 19:17 118:18	fewer 68:18 103:10
270:6 280:7	269:2,11	160:15	familiar 33:14	103:11,13,15
338:14	extent 51:14 66:10	fact 16:18 22:11	53:12 61:4 246:17	fewest 210:10
experience 19:13	67:12 68:2 150:22	32:19 58:11 65:1	family 75:19	fiberglass 150:9
20:1,7 42:14 45:2	extra 224:13,22	68:7 94:11 95:10	family-run 262:22	fibers 262:20
55:7,7 87:14	241:12,13	105:9 108:14	fan 225:11	field 138:15 269:2
100:7 108:7,13	extreme 16:6 96:12	112:7 117:4 132:7	far 36:2 37:4 54:10	fields 13:7 248:16
111:4 137:19	192:8	142:14 147:13	61:13,22,22 77:20	fierce 93:12,14
140:4 145:17	extremely 93:16	158:7 168:18	82:11,11 96:21	fiercely 235:2
147:20 178:19	114:2 257:17	174:3 186:15	104:17 166:17	fifteen 249:13
179:19 181:9	290:20 309:3,4	187:8 189:14	174:22 175:22	fifth 12:11 126:3
186:11 263:15	E.I 4:1 8:2 116:3	190:12 191:20	201:12 202:13	fight 19:3 281:17
265:2 310:19	$oxed{\mathbf{F}}$	199:3,6 200:22	228:5 233:4 241:5	figure 180:20
316:6 338:10	face 65:22 113:4	201:16 204:10	247:12 268:4	189:19,20 305:16
experienced 38:7,9	147:7 179:4	212:18 214:4	270:7 285:1	figured 64:10
50:19 68:11 73:9	221:14 240:16	234:16 242:5,6	292:17 295:21	175:10
73:10 82:15 111:9		246:2 260:4	301:13 311:19	file 59:18 114:3
111:21 115:13	faced 103:3 139:18 facetious 174:15	264:12 302:9	336:2 339:1	153:6 156:1 259:4
151:7 157:17	facie 22:5 58:9 71:9	314:20 326:13	farm 256:20	259:13
262:11	facilitate 51:17	327:15 331:18	farmers 281:13	filed 20:11 28:21
experiences 116:15	132:21 154:21	332:13 333:16	far-reaching	42:18 253:1 260:5
expert 41:21 218:3	247:1 271:9	335:3,5 340:22	164:17	301:11
experts 114:5	facilitated 49:8	factor 109:8 123:18	fashion 306:3	filing 114:19
explain 47:18	14CIII(49:8	177:7	fast 34:15	136:17 147:14

			I	I
153:14 160:3	176:22 180:20	foggy 218:16	forth 65:7	Franken's 343:11
346:22	187:20 192:17,19	folks 65:15 321:21	forthcoming 169:5	frankly 25:5 55:6
filings 284:15	195:8 206:13	322:17,20 327:7	Fortunately 19:9	137:6 171:5
final 46:15 179:6	221:4 259:5 270:3	follow 89:22 191:6	96:16 235:1	218:19 244:22
183:7 342:6 347:1	273:6 320:13	222:13 333:19	fortune 86:15	308:4 323:6
finally 30:1 122:8	323:4 331:17	followed 76:10	forum 61:10	335:11 340:12
132:8 156:7 193:9	333:14 334:20	following 34:9	forward 33:17,19	Frauenheim 5:17
198:21 204:13	335:13 336:19	82:17 119:8 203:4	45:17 72:10 89:13	8:19 251:14,16,21
213:5 261:8	345:13 346:18	254:9 266:22	94:1 160:8 171:8	252:2,3,8 297:15
303:11	first-hand 82:1	follow-up 224:10	176:5 250:20	298:7 307:15
financial 22:13,18	fit 23:19 185:3	food 262:19	291:7 324:14	Fred 5:21 8:21
91:20 117:13	215:14	foot 84:15	337:16 346:9	262:7 297:18
118:11 299:18	fits 345:17	force 140:6 182:4	forwarded 212:2,9	free 126:11 275:2
318:20 319:5	five 16:9 35:13	forced 152:14	foster 272:3	288:10 289:16
321:7	72:14 104:16	188:16 206:9,9	fostered 81:3	290:6 293:20
financially 30:20	128:12 181:7,7	207:6,6 208:20,20	330:12	294:1
283:13	189:7 192:4 193:3	209:4,4,22,22	found 13:21 14:14	Freeway 4:9
find 29:13 37:4	193:13 233:17,19	210:18,19,22	17:11 39:9 42:22	freight 24:3 26:3,7
73:19 103:9	250:21 251:12	211:6 212:15	43:3 73:11 102:6	28:4 29:5,18 78:3
104:12 138:21	274:12 275:5	215:12,16 219:12	327:21	80:6 82:22 84:21
143:18 148:5	276:10	221:10,10 224:12	founded 75:15	103:16 116:18
162:7 188:6 189:3	five-year 192:11	224:19,19 236:3	150:4	128:12 130:21,22
201:18 237:13	fix 282:10	236:12 258:20	four 17:1 27:5	130:22 134:9
271:1 301:7	fixed 191:21	264:22 344:5	46:13 150:16	135:13,15 137:15
335:20 342:2	flail 305:22	forceful 76:16	187:4 193:13	138:4,4,8 167:1
finding 52:7 105:6	fleet 110:7	forces 39:11 84:2,4	194:17 198:9	177:15 196:7
196:19 221:11	flexibility 283:8	92:13 103:1	255:20 256:6	203:16 205:1
302:6	flexible 232:12	184:22	279:1	213:4 255:1
findings 147:15	flies 179:4 221:14	forcing 236:6,7,9	Fournier 5:21 8:21	266:19,20 276:22
finds 114:14	240:15	forecast 226:5	262:4,7 300:6	292:1 294:10
210:17	flight 251:5	forecasts 226:4	301:5 302:5 304:7	310:22 311:3,9,14
fine 116:4 241:12	flights 251:4	foreclose 266:14	304:14 305:9,13	311:15,19 312:1,5
finger 180:18	floor 23:15 75:17	foreclosure 315:18	306:15	312:7,14 313:10
fingertips 250:15	Florida 177:18	foreign 122:13,13	fourth 128:18	315:3,6,6,8 316:8
finished 99:12	178:5 255:14	267:16 268:3	155:18 255:19	316:10,11 317:12
101:18 274:4	flower 75:17	foremost 100:14	four-year 192:16	317:17 318:6
finishing 92:9	flows 207:5 208:20	forest 24:19	frame 15:17 16:9	320:8,10 327:7
fired 25:18	209:21 211:8	forgo 152:2,12	47:17 97:7 193:2	329:6 340:3
firm 46:2	236:14,19 247:13	299:11 317:14	193:5 199:17	frequency 217:4
firms 92:3 186:15	foam 256:15	form 215:12	200:15 203:20	frequent 180:5
first 3:16 10:11	focus 70:13 81:1	formation 310:10	204:12 323:14,18	232:16
11:21 25:12 30:3	82:20 100:6 111:2	former 11:16	325:13	frequently 137:1
47:13 63:10 75:16	130:10 275:16	117:13	franchise 115:16	169:2 233:14,16
82:4 88:5 93:5	317:19	formerly 48:17	FRANCIS 1:22	252:21 254:20
100:14 106:18	focused 51:22	forms 113:1 130:6	Franken 2:6 8:24	265:10
112:22 141:3	264:5 313:19	196:10	277:15,19 278:2	friendly 79:6 292:2
165:2 175:1	319:21 320:7	Fort 5:3	286:22 287:2,7,11	front 277:22
			, ,	
			ı	ı

308:11	41:22 43:3 56:21	47:7	278:21 282:12,22	226:10,15 229:9,9
fruit 200:21 201:11	90:12 98:4 104:4	generation 34:18	286:8,14	229:10,17 230:10
202:3,4	132:13 146:14	gentleman 278:8	globally 101:3	233:2 236:17
		O	138:10	237:19 238:5,15
fuel 6:12 20:10,12	149:3 178:9	gentlemen 157:19		,
20:13,14,16 22:20	185:13 254:12	geographic 119:18	go 10:15,19 11:10	239:3,8,10 240:2
23:1,3 35:9 49:20	298:12 322:12	267:14,15	11:17 37:4,15	240:4 241:11
51:1 75:9 112:13	329:2 347:12	geographical 83:8	40:12 54:16,19	242:5 247:14,19
112:15 122:8,9	Furthermore	107:17 175:14	60:10,18 62:17	250:22 251:11
134:12,14 190:1,2	118:17 212:11	geography 336:12	68:15 91:3 92:7	266:8 270:20
190:5,12,20 191:1	future 44:21 54:7	George 6:2 8:22	94:11 112:18	277:10 280:8
246:12 316:3	81:12 82:12 89:18	9:2 272:22	158:10 166:13	281:20 288:12
319:1,7 320:15,21	126:21 138:22	getting 54:8 59:3	174:8 177:22	301:17 305:3
321:11,11,21	168:10 196:8	94:19 177:19	181:2 184:16	309:8 311:15
322:4,5,10,13,18	202:9 206:5	182:1 242:11	185:17 191:16	315:22 316:1
322:20 323:19	209:19,21 264:21	245:22 246:15,16	201:11 204:7	317:16 323:13
324:6,12,16,18	274:21 288:7	268:1 302:21	209:20,20 214:1	327:3,3 331:4
325:1,1,5,7,7,11	290:2 291:4,22	306:19	223:10 228:18	334:6 337:5
325:14 326:7,9,12	292:14,15 293:19	give 21:11 34:20	229:17,21 230:10	338:11,12,16
326:13,18,19	294:3,3,19 309:1	35:8 38:12 42:14	231:21,22 232:12	344:18
327:2,3,4,10,16	311:8	168:22 171:7	239:9,10 240:20	Goliath 281:17
327:16 328:11,12		174:19 176:21	241:14 270:19	good 10:3,5,7,8
328:15,18 330:8	G	177:10 178:13	292:7 303:3 339:4	12:3 23:14,17
334:2,7,7,12,13	gain 73:20 199:11	179:5,13,19 181:8	341:3 343:17	34:5 42:11 44:14
334:22 335:17,17	235:1 260:3	183:19 187:16	goal 202:5	44:17 57:2 61:10
335:20 336:7,12	gains 187:1,3 201:8	190:14,21 194:3	God 302:12	68:5,16,17 69:8
336:19,20 338:1,4	gallons 75:8	225:10 226:4	goes 152:19 158:12	69:11 71:22 74:4
339:18 340:9,13	GAO 283:2 284:10	245:21 246:2	177:2,17 191:17	86:15 91:18 98:14
341:7,17	gas 72:19 196:19	247:9 261:12	235:3 268:13	102:12 109:21
fulfilled 294:16	252:9,10,13	287:21 299:22	306:1	116:10 139:5
full 104:4 121:15	gateway 295:17	343:7,8 344:7	going 10:15 17:19	162:3 184:14
133:5 176:20	gateways 135:13	347:8	22:14 23:16 33:15	205:18 208:14
196:22 245:8,20	222:9	given 57:18 97:10	34:3 40:9 43:7	213:13 218:17
251:9	Gears 5:22	108:4 187:7 283:7	45:7 55:8 56:21	219:7 223:3
fully 97:14 318:4	general 12:6 51:20	310:4 339:12,12	59:13 61:12 63:19	242:12,18 243:4
full-blown 56:6	88:12 106:19	342:16,17 344:8	63:20 64:18 65:20	244:22 245:4
function 209:13	128:14 216:15	346:3	66:19 67:14 68:22	247:7,8 251:2
226:16 248:6	227:19 230:20	gives 41:19 323:1	160:22 161:1,8	262:6 284:4 298:6
252:17 311:12	234:18 254:15	giving 28:13 86:5	168:1 169:6	298:11 333:19
functionality 73:13	313:14	97:4 176:19 278:7	171:13 173:17,18	goodness 162:20
fundamental	generally 64:1	330:19	174:8 175:5 176:6	goods 27:12 84:9
117:18 275:1	206:12	GKG 2:22 46:2	176:16 178:9	106:7 114:9
288:9 291:21	generate 25:21	glad 157:9 298:16	184:11,14 185:7,7	144:11 280:6
293:22	40:18 87:5 95:21	glass 150:8	187:9 194:17	282:4 292:16
funded 79:7	122:17 209:5	global 62:2 85:7	204:1 216:10,17	320:21 321:13
funds 27:10 291:8	generated 37:12	100:8 105:2,7,16	217:14,19,20,21	337:1
furloughed 225:21	generates 123:22	106:6 150:7 262:8	217:14,13,20,21	gotten 175:22
further 13:6 17:16	generating 24:18	262:15,21 273:15	223:22 224:2,3	202:14
101010113.017.10	8	202.13,21 213.13	,	202.17
	<u> </u>	I	I	I

government 213:11	267:7	311:20	haul 146:12 151:13	hearing 1:5,17 10:4
gradually 14:4	grow 87:12 101:4	hamstrung 154:12	151:17 232:4	12:9 47:2,2 51:13
graduate 279:2	103:18 120:16	hand 102:5 118:4,9	266:20	53:2 80:18 83:20
grain 209:9 343:14	141:7 195:15	179:22 183:10	hauled 14:18	98:6 132:15
grandfather 279:4	196:6 205:10,11	312:18 337:17	hauling 196:22	149:12 155:6
279:18,19	239:3 289:9 295:2	handicapping	232:6 276:22	167:11 168:15
Graniteville 162:17	growing 101:16	282:11	294:10	183:10,13 184:1,6
granting 316:7	214:13 276:16,21	handle 80:5 81:16	hazard 108:10	190:2,10 204:17
graph 14:11	291:17 294:9,19	89:16 215:21	head 234:6 309:8	231:12 271:11
grateful 138:11	grown 92:22 214:2	230:4 246:21	headache 332:5	274:16 275:18
331:1	320:16,18	247:1 256:6	headaches 332:11	278:5 288:2
Gray 110:1	growth 77:15 82:11	handled 212:21	headquartered	302:12 322:7
great 33:16 209:20	82:22 83:5,12	handling 113:17	46:20 99:8 140:15	333:7 334:5
220:18 252:1	115:6 187:2	217:9 237:15,19	253:6 273:3	345:17 346:15
278:1 279:11,12	199:15,17 203:16	245:16 246:13	headquarters 99:6	347:13
302:17 339:9	291:10 293:1	handlings 210:9	heads 233:2	hearings 90:17
340:16	GTM 204:11	213:7 223:13	head-on 198:2	148:19
greater 105:14	GTMs 200:18	hands 198:14,19	heal 76:9 200:1	heart 25:14
111:14 113:20	guarantee 133:5	handy 298:5	health 42:2 142:11	heavily 82:21 231:9
119:13 127:6	296:16 302:13	happen 10:21	286:6 318:20	234:16
129:17 154:22	guess 34:9 90:17	33:13 37:6 221:13	319:5	heavy 301:19
272:3	92:8,15 176:14	227:13 230:19	healthy 30:20	heck 280:13
greatest 146:10	178:22 181:13	287:12 315:22	74:12 76:11	hedge 327:18,19
greatly 33:20 45:2	227:12 245:19	337:5 344:19	101:15 117:6,9	328:3
72:6 98:6,19	326:17	happened 199:14	283:13 284:3,6,21	hedged 327:22
102:7 109:16	guidance 22:10	225:18 232:13	294:18 326:10	hedging 327:13
172:14 200:10	97:11	325:6 339:16	hear 28:1 45:20	helmets 142:9
202:9 203:6	guideline 59:16	happening 57:19	79:17 116:2	help 59:10 97:11
271:20	guidelines 22:7	333:20	127:14 139:3	101:14 132:5
green 6:13 11:11	59:5 60:9 136:6	happens 38:14	149:16 156:19	138:20 155:2
322:16	Gulf 83:16 263:10	169:3 227:10	157:9 158:5	176:15,20 201:19
grew 279:15 325:8	264:5 304:6,10,12	325:4	205:14 215:4	205:10 215:1
grey 197:17	304:14	happy 157:21	235:21 236:1	218:22 230:11
gross 165:21	guy 316:10	306:18	262:2 272:14	257:10 305:4
200:18 203:15	guys 218:4 297:6	hard 29:19 38:15	316:1 318:9	helped 76:10
group 3:5 6:5,10	305:17	49:14,17 90:11	338:16 344:6	252:19
7:16 9:9,13 46:13	gypsum 6:1 8:22	93:16 189:3 205:8	heard 18:3 22:12	helpful 176:8 194:2
51:21 74:15,16,22	9:2 272:15 273:2	305:16 323:17	56:14 57:9 73:3,8	225:9 298:16,18
75:13 91:7 170:9	273:12	325:12	110:22 111:5,5	309:6 335:10
243:9 262:15	H	harder 207:8	150:2 167:21	347:10,11
284:21 285:9		247:15	170:10 196:13	hesitant 88:20
298:17 310:6	H 4:18 8:8	harm 39:1 78:6,9	202:12 218:14	hidden 341:15
318:10 319:20,21	Hades 243:3 half 35:16 300:11	213:21	269:19 280:16	high 13:1 22:9,14
320:4		harmed 155:16	281:3 304:21	76:4 109:10
groups 52:2 204:20	308:9 Hamberger 95:11	harmful 40:22	305:20 322:6	144:16 145:2
217:18 305:2	Hamberger's	236:13	331:7 342:10	147:17 153:15
Grove 3:8 263:6	mannuci gei 8	Hart 2:4,7	346:19	157:13 279:2
			l	

308:2 311:21	214:5	195:16	141:20 145:8	improve 38:2,3,18
higher 15:9,12 25:3	hit 10:15,18 266:8	hundreds 135:18	162:5 179:14	41:12 43:21 77:1
28:8 50:22 62:21	Hixon 5:13 8:14	165:11 211:20	290:1 308:17,21	100:12 185:6
63:1,3 65:22 66:1	205:22 213:13	hurt 123:19	318:19 326:19	189:11,17 207:14
70:17 100:21	214:22	Hydro 252:18	339:8	246:20 272:8
101:1 103:12,14	hm 242:21	hypothetical 85:11	impacts 38:11 41:4	286:2 306:9
103:16 104:13	hold 277:16	nypointutai 65.11	68:3 137:21	318:18 319:2
114:16 121:6	holding 12:9 47:2	I	336:13	improved 77:9
136:16 151:10,19	53:1 266:19 278:5	IANA 80:4 85:11	impairing 79:1	79:4 181:3 202:9
152:1,4,18 190:7	home 240:19 251:5	90:19 92:19	implementation	203:6 319:7
231:5 245:3 250:4	282:14	IANA's 80:19	199:20	341:17
250:8 266:20	hone 209:16	ICC 91:13 299:4,7	implemented 77:21	improvement 41:3
275:10 285:17	honest 192:13	303:18 310:17	292:11	42:2
highest 120:22	270:9	idea 188:14 194:14	implementing	improvements
Highland 3:6	honestly 160:5	323:1 331:11	207:13	40:19 81:13
highlight 322:13	161:9 218:15	ideas 51:20 55:2	implies 195:13	171:14 254:22
326:3	honesty 164:1	175:13 292:10	import 77:17 214:7	255:4,9 275:13
highlighted 322:22	hope 69:7 107:5	318:17 331:12	214:9 281:5	improving 106:16
highlights 320:16	140:10 197:5	333:5	importance 42:1	107:6 121:12
325:19	284:17 286:12	identified 33:5 85:5	142:13,19 162:1	200:20 203:11
highly 19:19 76:17	321:21	193:16 277:12	313:6,6	305:8 306:12
79:5 82:18 151:4	hopeful 138:18	282:19 288:14	important 12:9	inability 25:1
263:1	261:17	292:8	29:12 35:22 36:3	inadequate 38:22
highway 96:11	hopefully 10:9	identify 336:4	45:11 61:14,16	39:6 43:1 44:22
196:7 290:20	99:20 238:6 246:5	ignore 242:5,6	74:11 89:3,4,18	258:2 260:21
291:2 315:2	298:18	332:16	101:22 104:22	inbound 253:15,19
316:11	hopes 68:21	II 7:13	140:14 162:10,11	274:14
highways 89:17	hoping 69:6 183:19	III 1:19 5:17 7:21	162:12 274:17	incentive 42:10
96:7 143:9 314:2	202:7	8:19	278:10 288:3	43:21 44:14,17
high-cost 136:12	horses 219:15	IL 3:8 5:6,18 6:4	292:17 296:4	45:3 185:18,20
high-paying 124:1	host 210:8	Illinois 13:2,7,11	320:14 332:20	incentives 161:2
high-skilled 124:1	hours 224:3 247:20	75:18 134:7 253:7	importantly 10:11	inclined 231:1
high-volume	247:21	255:16	87:10 208:14	include 16:5 24:17
136:12 312:22	household 27:4	illness 110:2	211:22 291:19	84:13 120:12
317:20	Houston 5:23	illustrate 84:3	imports 83:6	173:3 261:5
hikes 280:22	152:19 175:15	130:3 137:12	122:13,16 214:13	included 48:3
hindered 152:21	177:18 178:7	illustrates 132:10	268:3	128:13 255:9
hindrance 89:21	Hub 3:5 7:16 74:15	illustration 147:21	impose 15:14 51:3	320:8
Hinsdale 75:17	74:16,22 75:13,16	imagine 29:19	145:13 159:2	includes 112:10
hire 101:5	75:20	102:4 188:1	imposed 16:6 38:15	252:16 266:22
hiring 63:20	huge 35:18 106:1	immediately 155:6	112:5 114:22	including 21:3 71:7
226:11	human 82:9	212:1	129:3 148:10	81:6 93:18 127:21
historic 204:7	humanly 288:19	immunity 92:5	imposing 20:9	129:18 130:6
historical 155:13	humbly 33:2	impact 44:2 95:4	impossible 288:19	140:19 142:8
historically 135:21	124:15	102:18 106:10	321:10	170:11 208:15
244:20,21 299:3	hump 228:13	111:1 118:15	impression 342:17	260:6,9 261:3
history 90:2 149:9	hundred 142:16	130:4 138:9	improperly 38:11	277:12 288:14

	1	I	I	1
310:19 345:6	increasingly	industries 4:17 8:7	282:7 283:6,13,16	206:6,16,20
inclusion 285:7	106:12 286:14	28:2 39:21 41:13	284:4,6,13 286:6	208:16 211:2
inconsistent 120:11	incredible 174:7	102:18 118:20	289:14,21 291:8	212:4,7 219:21
incorrect 321:21	incredibly 209:7	119:15 121:9	291:16 294:17	223:18 224:22
increase 15:15,19	incremental 166:19	122:4 126:22	311:6 312:17	237:19,22 238:3
37:22 42:4,6	167:1 201:8	127:4 144:3	318:6,20 319:2,4	238:15 242:16
67:21 81:17	incumbent 14:7,9	149:17 160:14	319:5 327:11	254:14,22 255:4,9
102:11 104:15	15:10,13,13,17	186:17 188:21	329:10 335:5,9,11	256:9 274:21
107:14 111:10	43:1 44:13 62:19	258:10 273:14	341:16	288:7
112:2,9 113:17	62:21 63:1,2,4	278:20 280:18	industry's 33:3	inhalation 108:10
120:17,18,19	64:2 65:3 199:1	282:12,21 286:11	36:6 102:16 117:1	inherent 91:16
134:14 144:9	316:9	286:13	120:20 311:8,13	319:6 321:17
146:9,10 147:1	incur 115:2	industry 1:9 12:10	inefficiencies 216:9	inherently 118:2
151:21 154:22	incurred 128:11	23:7 28:21 29:17	219:16 224:21	inhibit 73:18 265:3
184:13,19 185:12	indemnify 165:20	30:9,10,15,19	225:7 239:17	initial 46:14 47:12
192:1,7 193:17	indemnity 140:4	31:9 34:22 39:22	242:7	146:5 253:1,3
211:3 219:22	independent 42:19	40:8,16 42:3	inefficiency 39:5	310:18 314:3
220:1,18,20	310:21 314:1	57:19 74:13 75:21	inefficient 37:18	316:12
225:14 233:19	343:17	75:22 76:7,9 80:8	44:22 211:14	initially 59:5
235:5 239:19,20	index 323:5,16,20	82:14 89:12 92:1	213:2 224:18	initiating 24:2
240:8 255:1,5	324:15	92:2,4,11 93:1,10	328:6	149:11 260:22
256:9 257:13	indexed 203:13	98:22 99:13 100:8	inefficiently 211:8	initiatives 201:17
259:2 284:12	indexes 323:2	101:15 104:18	inequities 138:18	201:21 202:2,7
300:12 308:1	Indian 225:11	105:20 106:17	inflate 134:12	inject 183:12
increased 14:13	indicate 290:21	109:1 117:5,12,22	inflated 28:4	injuries 213:8,10
38:2 39:16 40:4	indicated 16:2	118:1,16,17,21	152:15	inland 197:9
45:2 56:16 82:19	143:13 193:11	122:6 123:9,22	inflation 76:20	innovate 121:10
102:7,11,22	250:2 297:9	124:5 125:19	152:1 191:12	187:6 188:16
107:11,18 113:16	indicates 259:15	126:14,17,19	202:6	189:17
128:15,19 182:13	320:14 328:5	130:2 138:13	inflationary 104:18	innovation 41:8,12
198:10 204:11	indicating 29:7	139:13,14,16	informal 136:20	41:18 42:1 95:22
213:1 220:15	285:12 337:18	141:2,21 142:3	information 169:5	121:4 171:12,13
221:5,14 254:19	indicator 22:18	145:9 146:19	189:5 208:15,19	171:22 184:21
257:2 264:8 267:2	71:22 323:8	154:12 159:18	234:7 247:9	185:6 186:10,13
275:15 317:2	indices 334:14	160:15 162:1,11	250:15,21 261:18	186:22 201:12,14
328:2	indifferent 25:6	166:12 167:15	265:14 319:17	201:15 206:6,17
increases 15:18	individual 29:8	168:5 172:2	335:18 339:4,5	263:2 276:9
20:8 36:12 51:4	103:1 242:13,20	184:20 186:21	340:11,13 341:13	innovations 97:4
111:14,20 112:4	324:9 342:4	187:8 188:12,13	informative 57:8	207:14
112:15,16 114:20	individuals 78:7	189:9,13 196:6,8	informed 252:20	innovative 341:14
115:16 129:3	232:5	204:21,22 231:22	infrastructure	input 130:9
131:10 149:8	Indonesia 37:4	253:11 257:4	16:18 21:5 31:6	inputs 209:2
173:3 192:21	60:19 61:12,22	258:2 260:20	73:20 76:15 78:14	inquiries 63:21
193:8 194:6 213:9	65:20	261:17 268:6,9	81:13 83:11 84:22	insidious 124:6
increasing 13:20	inducement 344:20	269:12 272:4,7,21	89:11 97:2,22	insight 68:9 320:5
51:1 84:3 103:6	industrial 51:4	275:6 276:2,7,11	104:21 106:3	insisting 112:12
200:13	196:15 249:11	276:13 278:6,17	123:4 142:6 206:5	installation 255:11
		l	l	

installed 19:2	38:10,13 117:4	interpretation	84:1 87:10 88:19	161:7 177:15
instance 14:19	132:20 135:4	29:15 43:11	110:9 123:5,11,21	184:15 193:14
237:12,13 242:15	171:9 174:17	interpretations	182:12 202:11,15	211:5 252:21
instances 64:15,17	258:13 265:19	32:9	202:17 206:5,6,14	259:6 261:21
85:9 144:14 223:2	286:9 313:1	interpreted 71:6	207:7,11 212:3	274:20 277:11
Institute 106:21	317:21 333:21	interpreted 71.0	216:2 237:21	286:19 288:6,13
162:2	interested 13:22	interrupted 278:9	238:8 239:1,5	290:20 292:8
institutions 98:1	14:17 16:3 65:11	interrupted 278.9	246:15,17 257:19	322:10 332:5
instructions 35:6	106:22 117:2	intersect 343.13	264:17 290:2,5,14	items 100:2 138:14
insufficient 311:20	130:12 149:13	intervention 50:10	291:6,14	IV 8:10
insurance 144:22	169:13 186:2	319:14	investments 21:5	ix 127:7
insurer 140:6	253:4 318:14	inter-line 179:19	76:14 83:3 87:2	
intelligent 312:4	333:7 343:6	180:1	175:21 238:3,11	J
intelligently 96:18	interesting 61:6	intimate 171:19	256:12 289:9,11	J 3:19 5:21 8:21
intended 30:22	162:7 236:4 319:9	introduced 84:17	invitation 33:8	Jackson 5:5
275:21 330:21	323:7 341:14	118:13	involve 53:9	James 2:10 5:13
intense 82:15	interestingly	invariably 100:21	involved 41:13	7:5 8:14 12:5
275:16	196:17	invented 187:21	73:6 94:20 141:1	January 320:17
intensify 81:13	interests 57:10,11	inventory 66:1,22	223:18,19 224:14	323:14
intent 30:11 89:9	75:11 78:9	341:1,10	235:10,11 302:2	Japan 186:11
141:6 294:21	intermediaries	invest 17:18 31:5	321:16 333:15	Japanese 186:13
intentions 242:12	321:16	32:16,20 77:9	340:6	Jeff 3:19 7:24
243:4	intermodal 3:9	78:13 88:22	involving 42:13	109:22
interactions 172:3	7:18 67:18 68:8	104:20 170:19	in-kind 118:10	jeopardized 102:1
172:16	68:19 75:3,5,21	171:1 203:7	IRCs 71:16	Jersey 134:5
interchange 130:16	76:16 78:10 79:18	237:18 238:4,14	Ironically 151:14	255:15
131:3 132:4 206:9	79:22 80:6,8,11	294:2	326:22	Jim 205:22 309:16
207:6 208:21	80:11,16,19,22	invested 21:4 58:18	irresponsible	Joanne 80:19 90:18
209:5 210:1,19	81:11 82:14 83:1	76:22 82:8 97:2	257:20	92:17
211:6,13,15,18,20	84:5,20 85:1,7	165:8 202:18	issue 45:7 62:4	job 91:18 170:5
212:6,12,14,15,15	89:12 90:2,21	207:4 254:21	67:13 107:9 110:6	227:15 246:11
212:17,21 213:1	91:2 93:10 94:8	255:3 256:8,18	143:14,14 159:4	334:10
215:8 219:13,14	105:22 195:6	291:22 292:3	163:15,18 164:17	jobs 29:11 101:8
221:10 227:10	196:12 209:8	293:1	164:17 167:6,8,12	103:19 124:1
228:11 230:8	231:8,10,20	investigate 97:16	277:2 278:22	278:19
236:7,8 237:15	232:22 234:20	investigated 318:4	286:1,4 309:2	John 3:15 4:13 5:2
240:1 247:5,11	248:20 249:1,5,12	investigating	320:15 332:18,22	6:6 7:22 8:6,12
248:5	274:6,7 296:21	154:14	issued 14:20 20:2	9:10 98:17 150:12
interchanged 134:6	320:2,6,15,22	investing 36:5 77:7	190:3	195:1 234:18
212:8	321:17 327:5	78:18 82:21	issues 22:11 30:3	248:14 329:20
interchanges	329:3 335:7,11	263:13 275:9	33:5 58:3 60:14	join 52:4
135:10 211:9	340:19,21 341:6	276:13,22 289:14	60:18 85:4 90:8	joined 75:19
229:21	internally 102:10	289:18 292:12	100:11 101:6	joint 46:14 47:17
interchanging	international 5:16	294:10	105:17 106:9,15	50:13 51:19 66:16
228:9	8:18 86:13 106:9	investment 16:17	132:16 135:2,9,20	86:3 87:1 106:19
interest 30:21	251:13 252:4	17:10 19:4 40:18	139:8 140:10	107:2 120:7 180:2
32:11 35:3,12,20	interpret 22:2	41:7 49:11 73:19	143:18 159:11	273:12

Jonathan 2:16 7:9	343:1	303:3,6,7,8	253:13,14 258:5	lovor 225.6
		, , ,	· ·	layer 225:6 LBJ 4:9
Joppa 65:5	kinds 78:3 143:15	305:10,15 307:7	293:9,12,14	
journey 276:5	King 3:17 99:6	307:12 308:8	Lanigan 5:2 8:12	Lea 279:8,17,21
judge 307:11	knew 168:15	321:19 323:4	194:19,20 195:1	280:3 313:9,10
jumps 222:10	know 10:20 11:16	328:10 333:4	205:13 221:21	lead 186:3 202:1
junction 343:15	20:11 28:22 40:2	334:20 335:1	222:2 225:11,19	239:17 261:19
June 1:11 46:15	40:10 45:7 49:13	336:17 338:13	231:4,14,19 233:7	329:5 344:18
323:17	54:21 55:1 56:10	339:7 341:16	233:16 234:5,11	leader 253:10
jurisdiction 52:19	57:9 59:4,8 60:9	342:7,20 344:7,15	238:19,22 243:16	273:15
60:14	60:10 61:1,7,13	345:8	243:20 244:3	leaders 201:22
jurisdictional 22:1	64:11 78:1 83:18	knowing 343:6	249:3,9,21 250:7	leading 98:10
58:9 71:4,14	88:15 90:11 93:9	knowledge 85:4	250:13 312:2	127:19 252:8
Justice 161:6 283:1	114:18 118:1	119:5	large 26:8,12 36:17	273:11
justification 133:8	119:6 137:19	known 25:15 80:4	78:11,12 79:11	lean 263:2
190:22 214:16	147:5 150:18	knows 44:10	97:21 110:7,13	learned 107:21
justified 17:10	157:8 162:14	KOH 129:19 164:9	112:15 114:3	Leary 7:22
117:15 207:12	163:13 164:13		143:7 153:10	lease 112:16 266:15
justify 43:6 55:22	165:14 168:9,9,11	L 4:13 8:6	156:4 157:2,18	274:13
56:7 123:4 207:8	168:11,14,22	La 28:5 152:15,18	181:17 201:21	leases 12:16
254:12 264:10	169:2 171:6,7,17	label 239:7	248:22 260:6	leasing 19:7 80:12
267:10	172:5,6,21 173:1	labor 201:6	291:5 311:12	leave 30:2 112:10
juxtapose 313:3	173:6,10 174:1,22		largely 14:6 325:5	120:13 237:17
K	175:4,13,14,19,20	lack 22:5 28:20	larger 91:7 181:19	leaves 237:16
	176:2,4,19 177:6	29:8,13 41:7,8	largest 12:11,14	leaving 260:13
keep 14:10 72:15	177:16,18,20	58:12 66:6 71:10	51:3 72:22 80:11	311:21
101:14 220:2	178:5,9 179:15	124:6 125:22	81:16 86:9 123:11	led 285:9
229:11 252:20	180:1 181:1,5,18	129:9 132:13	132:12 150:13	left 52:1 211:17
278:19,20 347:2,7	182:3,11,15	145:10,21 151:17	204:19 273:21	266:19 287:19
keeping 216:15 286:7 313:20	183:17,21 184:9	154:12 197:12	332:9	leg 281:9
	184:17 185:9,17	198:3 214:15	Lastly 108:21	legal 301:18 332:1
keeps 143:7	185:20 187:17	lacking 266:22	late 196:18 197:14	332:5
Keith 4:2 8:2	188:3,7,10,14	Lafayette 25:12	257:14	legislation 163:9
116:11	190:19 192:2,18	27:5,6,9	latest 255:19	legitimate 37:9
Kemp 309:14	194:1 215:3	laid 45:12 60:17	late-1990s 82:19	length 267:10
key 100:11 101:21	216:17 218:17,22	284:10,14	Laughter 74:7	lengthy 153:7
106:12,15 107:1	225:19 227:22	Lake 28:5 33:13	116:5 174:13	263:22 305:20
109:3 148:17	230:19 231:2	151:10 152:16,17	175:16 178:15	lessons 107:21
209:1 274:19	233:17,22 234:3	174:4 253:5	280:4 284:19,22	letter 199:8 282:18
288:6 305:14	235:3,21 237:18	Lancaster 4:4	285:2 287:6,10,13	285:10
killed 162:18	241:4 242:11	land 94:19	301:16	let's 60:11 64:4
Kimberly 314:13	244:14 246:19	landscape 119:11	law 2:22 29:15	84:5 175:13 177:2
kind 23:18,19 36:1	247:16 249:21	lane 6:20 258:3	32:22 46:2,2	301:12 343:10
59:6 63:19 90:22	254:18 265:10	302:11 308:4	206:1	344:17
96:12 163:9	283:1 284:13	lanes 104:3,5,6	laws 154:9	level 24:3 38:3
200:16,20 219:13	285:1 295:13	121:1 136:12,17	lawyer 301:22	50:18 54:4 55:4
227:22 235:6	296:8 300:11,12	137:9 160:10	lawyers 114:4	59:3 69:7 71:4
245:8 247:4 306:8	302:1,2,19,20	172:17 173:12	lay 50:13	86:21 208:13

277:3 290:7 336:6	201:4 236:17	256:3,4	66:15,16 97:12,13	225:21,22 226:2
levels 50:3 124:20	249:11 274:12	loads 135:19	97:17 163:21	228:22 235:12,21
291:1	310:8 312:19	local 29:9 86:21	164:4 165:3	241:17 246:10
lever 10:14,15,19	313:2,16 314:14	212:21 291:1	175:17 176:5	280:14 284:15
leverage 155:21	317:22 324:14	locate 344:16	182:2 188:6,10	297:4,19 303:10
266:4	343:13,17	located 25:18 34:19	199:14 202:15	304:21 334:11
levied 190:16	lining 68:13	105:4 124:21	205:8 239:22	338:17 347:3
liability 162:15	linked 122:9	263:5 314:13	275:22 285:3	lots 314:2
163:4,6,18 164:12	liquids 252:10	locating 258:17	288:18 296:18,19	Louis 2:13
166:6,15,20	liquified 252:9,13	344:20	296:19 298:12	Louisiana 2:2 7:6
lie 165:19	list 169:13	location 145:18,20	305:8 306:13	24:1,16 25:11,13
lieu 48:14	listed 141:5	228:18 263:10	322:12 323:4,13	25:19 26:1 28:3,5
life 81:11 141:11	listened 93:5 308:8	locations 128:8	323:16,22 324:1,9	131:19 134:5
328:10	listening 307:1	130:14 131:6	324:21 325:10,12	Louisianan 28:9
light 11:9,11,12,13	342:14	145:13 194:5	335:1 338:7,8	low 13:2 56:8 68:6
45:6 111:4	listing 133:15	217:10 258:8	346:9	188:7
lightly 263:22	litigate 173:2	264:21	looked 120:21	lower 14:8 18:13
lights 11:8	297:17	locomotives 211:3	322:8	56:3 66:13 70:15
light-density 313:2	litigating 260:8	221:1 226:13	looking 33:17	70:16 71:14 103:4
317:22	litigation 153:8,11	logic 190:21 290:8	41:15 69:1 109:19	105:8 121:5 157:3
Likewise 269:9	182:12 260:2	logical 241:18,19	148:22 163:15	159:22 211:17
limit 130:3 132:14	300:19 301:4	241:21	186:12 188:11	242:14,22 268:1
133:20 138:17	little 2:18 10:18	logistics 4:3 81:5,8	211:13 221:19	319:8
175:19	23:12 29:3 34:10	98:18 116:13	269:21 270:13	lowered 199:10
limited 92:4 102:3	34:15,19 35:14	long 48:16 78:8	300:20 331:19	lowering 121:11
102:5 150:22	43:13 46:8 47:6	113:19 117:4	looks 70:3,6 247:18	low-density 200:6
163:4 209:10	49:15 50:9 58:17	147:14 159:8	247:22 248:1	201:3
252:19	62:16 63:10 65:14	171:11 172:9	looming 206:20	low-hanging
limits 55:14 95:8,9	67:14 86:8 90:6	186:18 189:1	lose 179:10 234:21	200:21 201:11
95:16	94:21 153:1	191:21 201:6	235:8,15 238:13	lucky 238:6 297:3
line 17:3,4 44:15	169:16 174:18,20	259:11 276:5	265:22	ludicrous 119:1
48:4,12,16,16	176:18 203:19	292:17 300:17	loser 326:8	126:12
49:4 66:16 69:10	212:7 231:4	303:12	losing 120:1 328:3	Ludington 131:18
69:11,12,16,17,21	238:12 243:1	longer 14:16 50:20	loss 77:5 187:12,13	lumping 342:18
69:22 84:8,19	244:1,3 245:1	117:14 133:9	198:18 204:2	lunch 251:1
100:22 120:7	260:13 267:14	190:4 210:18	losses 249:14	L&W 273:20
146:12 157:17	298:5 305:11	239:17 240:3,7	lost 198:8,11 257:9	7.5
167:16 168:19	306:9 323:17	242:6 299:10	266:1 268:2	M
172:17 197:16,17	325:12 331:6	longer-term 193:4	299:15 306:8	Macko 6:2 8:22 9:2
200:6 212:12	341:10 343:1	long-distance	lot 32:10 36:4 52:2	272:16,22 277:14
213:3 266:20	live 215:10	143:10	57:9 58:18 60:13	287:16,18 288:1
276:7 291:15	lived 93:20	long-haul 254:2	60:17 153:17	295:12,18 296:1
313:11 317:20	living 234:21	long-run 42:2	158:2 168:8 171:6	308:7
322:16,18	LLC 5:20 8:20	long-term 112:11	172:17 179:3	Madam 74:8 139:6
liner 97:14	load 265:7,15,19	127:5 150:5	180:18 183:2	179:1
lines 86:5 87:19	loaded 128:10	look 36:14 40:13	186:21,22 197:11	Madison 6:9
133:18 200:5,6	loading 255:18,21	45:16 51:15 55:1	216:20 218:15	madness 300:4

magic 321:22	227:14 228:7,10	52:15 58:11 65:2	materially 16:8	347:6
magnitude 173:7	230:17,22 234:15	70:3,5,11 73:22	155:16	meaning 131:2
mail 11:7	237:2 240:12	84:1 85:14 89:5	materials 99:12,18	meaningful 22:10
main 60:14 212:12	241:16 242:9	92:13 126:18	100:17,18 102:21	means 11:14 25:2
213:3 310:2	243:5 244:12,17	129:4 154:2	103:4 105:10	61:16,17 69:12
maintain 14:2	244:20 245:12	155:20 197:16,17	128:4 129:14,16	103:11,13 145:1
93:14 235:4	246:1,8 247:3	197:19 199:13	142:7 163:1,7	184:16 276:3
254:14 255:5	248:11 313:5	239:12 271:6	166:5 253:20	285:18 314:22
282:1 321:7	Manion's 313:8	275:2 288:10	274:4,14	315:13 343:7
maintained 26:2	manner 160:4	289:16 290:6	matter 1:7,16	345:4
maintaining 94:13	165:16 346:22	292:16 293:20	62:18 64:9 134:19	meant 338:3,4
maintenance 36:12	mantra 195:15	294:1 296:12	149:9 191:12	measure 70:4,14,15
208:3 291:9	manufacture 128:2	322:13,21 323:19	218:10 223:7	70:21 200:17
major 24:14 26:3,7	273:15	324:1,16 325:17	347:16	334:16 336:10
35:12 66:3,4	manufactured	327:10,16 328:18	matters 10:6 215:3	measured 41:4
67:13 73:20 80:9	100:19 128:7	336:13	215:3 347:9	142:14 191:13
81:16 119:8 159:6	manufacturer 99:1	marketing 195:2,4	mature 186:21	measures 16:17,21
206:2 228:13,13	127:20 144:18	261:2 262:8	187:8 188:22	39:3 115:10
248:17 282:10	150:7 252:9	265:17	189:9,13	125:21
majority 119:20	273:17	marketplace 32:2	matured 117:12	mechanism 155:10
141:14 179:17	manufacturers	32:18 73:14 86:14	maximizes 179:21	mechanisms
193:5 196:14	105:17 127:8	120:12 164:15	maximum 59:7	324:20 336:17
267:12	144:13,15,19	207:18 278:21	MC 2:12	mediation 60:17
making 26:20 31:3	150:14 278:14	282:22 286:15	McGarry 4:18 8:8	61:6 181:21 182:8
34:2 102:16 115:7	manufacturing	308:14 318:18	149:16,18,21	medical 128:3
159:6 194:7	24:19 99:3 101:10	319:3 321:9 326:7	156:11 158:9,18	medium 153:18
228:21 238:22	104:21 115:6	328:5,7 336:15	164:21 165:1	meet 82:9 185:2
251:1 262:18	138:7 253:8	341:20 345:16	186:1 191:4	208:10 209:12,14
340:16,18	274:10	markets 28:17 78:2	McIntosh 4:13 8:6	209:14 220:16
manage 208:1	map 211:12	102:19 126:11	139:3,5 149:15	285:19 294:19
252:19 322:17	Marcellus 154:16	226:5 286:2	157:21 159:13	meeting 273:10
330:9	March 214:4	326:14 332:20	163:13 166:13	meetings 252:22
management 188:2	282:19 285:10	market's 327:22	176:11 179:1	339:19
195:7 313:17	325:13	market-based	188:17	mega-mergers
manager 27:2	margins 188:7	121:16 293:18	MD 3:3,13	40:21 41:5
manages 262:22	marine 320:3	339:18	mean 58:13 68:21	member 93:20
managing 274:20	Marion 211:11,15	market-driven	86:3 91:5 158:2	members 23:21
288:6 319:22	212:5,6,14,16,22	81:19	161:14 169:17,18	30:1 33:2,9 38:1
327:13	215:8,13	Marsh 3:2 7:15	174:22 176:4	80:5 168:20 252:6
mandatory 20:10	Marion's 212:17	72:13,15 85:22	184:1 187:13,18	278:4 330:4
manger 273:1	Maritime 97:12	86:7 88:4,11 89:8	188:13 192:17	memories 346:11
manifest 274:7	Mark 5:10 8:14	94:15 96:16	220:12 222:21	mention 25:10
Manion 5:10 8:14	205:20	massive 209:6	235:9,21 244:17	342:7
205:16,18,20	marked 13:17	match 287:21	244:21 295:16,20	mentioned 21:20
214:22 215:6,20	market 37:8,10	material 19:20	302:1,22 303:11	39:18 65:20 88:4
218:13 222:18	39:9,13,20 41:14	51:14 101:1 138:9	305:21 311:14	141:12 186:10
224:16 226:22	41:16 51:8 52:6,8	323:8	315:11 338:3	189:22 192:11
L	<u> </u>		<u> </u>	1

	1		1	
230:14 234:1	287:17	Minnesota 2:6 8:23	modify 51:16 58:16	291:6 292:1,1,2
238:18 295:9,14	Midtec 314:10	278:12 279:1,9,9	155:6 271:8	292:16 312:1,7
300:18 307:16	315:18 338:8	280:11,15,18	moment 73:8	319:8 321:3 324:1
322:8 337:4	Midwest 83:15	281:7	319:19 323:12	324:12 329:10
merchandise	279:7,20	minor 134:16	momentum 276:10	334:22 335:6,9
216:16 227:19	mid-level 86:22	minute 11:10 17:21	mom's 279:4	336:14 338:15
234:19 313:10,12	mid-route 219:14	22:15	money 36:4 37:19	339:17 341:6,19
Mercury 6:10 9:13	219:15	minutes 11:18 12:1	58:18 95:15 175:9	moved 80:6 165:16
318:10 319:20	mid-way 220:4	72:14 98:13 130:1	188:9 217:7	182:16 191:1
merely 125:6	Mifflin 6:8	194:19 205:17	219:20 231:12	279:1,8 315:3
merge 133:5 159:1	mike 251:19,19	251:15 262:3	237:18 246:14,16	334:21 335:11
merger 38:6 82:18	mile 48:16 343:11	272:15 309:17	290:22 297:19	340:4
159:5 195:10,17	miles 26:9 27:3	318:11 330:17	monitoring 332:12	movement 26:11
199:15,16 200:14	105:10 113:21	mirror 203:17	monopolistic 112:3	26:16,20 27:4
201:2 332:8	134:10,11 135:18	328:1	185:1	120:6,7 123:12
mergers 82:4	165:11 200:18	misalignment	monopoly 30:6	125:11 146:5,8
119:13 159:2,7	203:15 268:4	322:5	95:6 111:22	203:14 208:12
197:14 200:3,4	296:14,15 307:19	misallocation 27:9	125:10 129:10	210:6 245:14
276:6	320:9 332:19	misinterpret 296:6	145:12 169:20	247:17 321:20
merits 126:13	343:12,15	misquoted 174:16	170:4,5	326:8 330:3 336:6
message 148:17	mill 4:4 314:10,17	missed 43:19	Monroeville 4:18	339:12 340:4
messages 118:3	316:20 317:1	misses 323:6	4:19	movements 28:9,10
met 294:15	338:8 343:14	missing 31:1	month 303:4 325:5	50:5 208:2,3,22
method 99:17	million 12:13,17	Mississippi 255:10	months 92:17	209:1 248:4 249:1
150:20 300:4	27:7 35:14,16	255:14	morning 10:3 12:3	264:20 320:6,8,9
methodology	47:10 51:2 56:9	Missouri 140:16	23:14,18 34:5,9	324:10,13,17,19
325:21 328:6	72:20 75:1,8	mitigate 135:9	35:8 98:14 109:21	325:3 328:13,15
methods 112:9	128:11 147:18	300:16	116:10 139:5	329:4,8 335:13
326:5	153:13 156:20,20	mix 86:20 247:14	199:4 205:18	336:3 340:19,20
metric 69:10,11	157:5,6 162:6	mixed 243:9	213:13 298:5	moves 83:2 129:18
metrics 87:5	172:22 255:3	MO 2:13 4:15	mother 75:15	196:14 254:3
metropolitan	270:3,12,14,21	mode 91:17 143:11	240:20	344:17
290:17	293:6 297:17	164:6 292:4	motor 81:8 84:17	moving 31:8 84:6
Mexico 263:6	300:19,19,21	293:11,15 326:21	91:9,11 196:1	145:17 163:7,10
267:20,21 268:1	301:18,21 336:3	327:4	204:19,21	196:7 234:8
274:5	millions 12:22	model 76:1 149:6	motorists 77:19	293:11 316:10
Mexico/Central	36:18 165:8 172:5	310:22	move 22:2 23:11	320:20 321:13
304:11	286:10	modern 87:11	27:12 31:12 72:20	335:13 336:9
MI 3:21	mill's 315:1	modes 32:14 70:7	73:22 89:2,4	337:1
Miami 255:14	mind 174:20	91:3,3,14 112:19	99:11 121:20	multiple 91:3 93:3
Michael 4:18 8:8	188:14 216:15	118:7 207:16	131:17 138:21	110:11 130:17
41:21 149:21	227:4 318:21	234:17 267:4	160:6 162:13,22	199:9 209:7 289:2
Michigan 131:18	319:16	290:19 293:4	176:5 179:15	289:3 295:21
310:9	mine 67:20 149:5	295:18,19 297:1	180:21 185:3	multi-carrier 296:8
mid 82:18	mines 86:16,17	modest 42:4,6 212:20	192:12 195:8	multi-million 160:9 multi-modal 85:8
Midland 3:21 midst 263:18	minimal 153:19 minimum 318:19	modified 44:9	228:19 241:11 257:1 279:14	multi-modal 85:8 multi-served 296:2
must 203.18	mmmum 318:19	1110u111eu 44.9	231.1 217.14	muiu-served 290:2
	l		l	

296:3	271:5 272:5	necessarily 68:17	negotiated 48:22	225:6 255:15,22
Mulvey 1:22 12:5	298:20	157:14 193:15	107:19 154:5	256:14,16,21
34:7 41:9 46:1	M&G's 265:2	222:21 326:18	315:14 345:18	259:19 263:9
61:21 63:5,7,12	266:13 267:19	330:2	negotiating 81:21	264:5 279:6,19
65:19 66:11,18	268:9 272:1	necessary 125:12	120:14 180:14	289:12 304:5
67:5 68:12 69:9	200.7 272.1	148:20 185:12	181:2	331:13
70:2 71:11 72:3	N	216:1,20 229:11	negotiations	Newgate 3:2
79:21 90:14 92:21	nails 234:5	261:11 283:9	121:14 122:4	nice 159:13 215:4
95:5 96:19 97:20	name 12:5 80:3	291:6 331:21	126:8 172:16	nirvana 289:4
98:16 116:9	98:17 109:21	necessity 223:7	266:7	NJ 6:21
149:20 156:15	116:11 127:16	need 36:9 42:9,15	neither 102:12	nominal 243:12
157:22 158:15,21	252:2 262:7	43:12 50:9 58:22	121:6,13	non 14:6 104:13
161:12 164:19,21	272:22 314:10	59:3 69:5 78:13	Nelson 41:22	164:5,6 271:18
164:22 166:3	318:14	91:21 95:2,10,19	Nemours 4:1 8:2	315:1 317:16
167:9 168:13	narrow 320:10	113:10 115:19	116:3	non-ability 109:5
169:14 173:8,17	nation 294:20	118:4 133:4,22	nerve-wracking	non-captive 310:22
186:8 189:21	national 24:3 29:4	157:14 169:19	34:10	311:2,9,14,18
191:8 192:14,22	29:10,18 32:11	170:6,7 181:1,2	network 29:17,22	315:2 316:8 318:6
193:9,22 194:9,22	79:3 127:10	183:11,11 251:18	76:11 79:2,3 82:8	338:15
200:22 235:20	204:19 282:21	254:13,20 256:11	96:8 101:21 106:3	non-incumbent
238:2,21 239:6	310:15 312:12	257:15 259:11	200:9 202:11,15	15:7,11 62:19
240:12 241:7,20	nationalize 96:22	265:13 275:22	202:17 203:8	non-in-kind 118:7
243:2,7,18,21	nationalized 96:8	281:11 282:1	204:4 206:10	non-physical 16:12
244:4,13,18 245:2	nationally 138:10	283:13 290:21	209:6,6 210:21	17:13 54:18
245:18 246:4,19	nations 106:2	291:6 294:13,14	214:18 274:1,8	non-responsive
248:8,12 249:6,18	nation's 75:12	300:2 321:1	276:20 288:22	16:1,10,11 267:17
262:6 270:5	77:13 80:11 81:15	331:10	290:10 291:8,18	non-TIH 108:14
272:18 298:15	142:10,11,12	needed 20:20 40:18	293:2 295:3	129:18 151:19
300:8 302:4	143:8 206:16	42:9 127:7 210:3	308:15 309:3	164:2
303:15 304:8,16	272:10 273:21	211:4 306:6	networks 77:2	Norfolk 5:8,11,14
309:10,19 318:13	281:14 290:9	needs 50:6 91:14	78:19 200:2	8:13 72:22 83:10
333:11 337:2	292:13	124:2 209:12,14	232:15 274:6	88:1 125:17
338:2,20	Natrium 151:8	209:15 223:9	289:7 309:1 313:2	205:14,19 206:2
municipal 25:16	152:3 154:15	230:10 235:7	313:18 317:22	206:15 207:3,12
muster 303:21	174:3	266:12 271:1	network's 290:15	208:11 209:11,17
mutes 323:5	natural 72:19	276:16,21 291:17	never 237:17	210:20 211:19
mutual 344:3	144:22 344:18	294:9,19 303:8	287:11	213:13 214:6,14
345:20	nature 82:16	309:1 339:7	new 14:2 17:18	222:9 227:18
mutually 343:16	142:22 274:17	negative 102:18	33:16 49:12 52:13	236:11 240:5
myriad 105:17	288:3	318:19	63:3 76:15 84:22	244:5,10
mystery 191:3	near 81:12 215:10	negatively 78:21	105:18 134:5,9,17	norm 204:8
M&G 5:20 8:20	nearest 268:4	155:22 308:21	135:16 159:2	normal 104:17
260:7 262:2,9,11	nearly 76:21 131:7	negligence 140:7	167:17 168:1,7,10	154:8 165:22
262:14,15,21	201:9 223:16 Nahwaska 46:10 22	165:21	169:9 178:5,7	222:11 281:2
263:12,17 265:6	Nebraska 46:19,22	negotiate 61:11	181:5 184:5	normally 173:12
266:15,16,18,19	47:8,21 48:6,9,17	111:17 180:13	186:19 198:7,9	177:1
268:2 269:1,14	69:20	305:17	203:1,1 211:4	North 3:10 7:18

47.0 22 70.19	112:9 207:13	166:16 167:6	24.45 14 60.16	288:21
47:9,22 79:18 80:1 84:11 110:11	298:17	233:5,8 259:22	34:4,5,14 60:16 60:20 61:4 65:19	
	N.W 2:22	267:8 272:19		openly 151:12
127:19 197:1 252:11 253:9	1N. VV 2:22		66:8,13,19	open-access 284:11
	0	273:9 offered 76:2	Omaha 2:19 7:10 45:20 46:4,21	operate 86:4 175:11 210:10
262:14 263:5	$\overline{\mathbf{O}}$ 7:22		·	
268:10 273:9,11	objection 48:10	offering 14:8	47:9,20,22 69:14	308:18
274:5 312:16	objective 275:21	offers 21:13 293:9	Omahan 49:12	operated 50:2,4
northeast 76:3	293:22 294:22	308:2	once 20:1 54:14	operates 47:7 99:2
Northern 48:8	objectives 134:1	office 2:4,7 11:2	57:3 58:8 198:14	110:7
195:11	208:17 294:15	75:16 132:6 157:8	286:16	operating 30:16
Northwest 267:19	obligation 43:14	200:4 280:15,22	onerous 140:2	49:6 69:16,17
268:1	140:4 166:9	346:21	224:18	135:2 203:15
note 33:12 106:18		officer 116:12	ones 25:10 55:8	205:21 208:17,17
174:1 311:21	observations 310:3	139:11 195:2	65:5 175:8 237:4	209:2,19 210:4
346:7	observers 275:12	205:21	237:4	211:2 216:5 221:8
noted 68:13 103:15	obtain 26:10 32:3	off-set 202:5	one's 294:2,3	229:2 258:15
notes 20:18 346:16	125:12 264:13	Ogborn 313:14	one-off 242:13	275:13 294:1
notice 1:17 161:22	obtained 48:7	Oh 191:8 244:13,14	one-sided 16:7	operation 165:6
296:5	obtaining 17:8	329:15 342:10	one-year 192:18	211:1 222:12
noticed 55:12	obtains 25:17	Ohio 83:15 84:7	269:21	225:4 235:5 254:5
148:12 225:13	obvious 75:10	211:10,11 212:6	ongoing 40:19	262:15 313:7
notion 289:17	obviously 19:18	oil 191:1 196:19	311:1	329:19
novel 31:20	54:15 62:20 67:12	197:1 337:13	OPD 210:4	operational 50:6
November 312:15	71:13 88:14	okay 34:1 46:12	Opelousas 131:18	211:7 215:2 292:8
NS 130:17 131:3,8	144:19 156:8	55:17 63:5 64:3,3	open 100:4 131:6	308:20 332:11
210:7 218:12,12	171:6 192:6	98:9 127:16	135:19 136:3	operationally
NS-served 134:5	195:22 196:10	158:21 173:21	155:5 156:8 158:4	215:19 222:17
nuance 343:1	215:13 239:9	185:2 190:22	158:6,7 171:19	operations 34:16
nuclear 163:1,7	300:14 308:3,11	191:1,8 192:14	222:19,20,22	37:1,3,7 80:8 99:8
nullify 210:19	occasion 265:18	194:9,16 224:9	230:15 236:5,12	99:15 101:21
number 22:8 25:8	occasions 121:17	228:7 244:14	236:22 237:6,9,11	104:19 133:7
31:11 71:17 72:10	298:18 340:12	246:4 249:18	239:16 240:2,6,13	134:1 195:6
98:10 175:4 181:6	Occidental 4:6 8:4	251:11 287:9,14	242:3 246:21	206:11 209:11,16
194:17 202:4	127:15,18 193:10	301:12 302:10	247:2,5,5,10,10	218:3 219:18
206:3 211:3	193:11	304:16 309:15	248:4,5 258:10	222:14 252:3,12
220:15 227:1	occur 45:4 93:2	329:15 338:20	279:20 289:22	252:16 256:15
250:20 251:12	95:3 323:11	old 91:12 135:3	296:6,7,16 297:19	263:3 273:8
264:8 275:17	occurred 65:13	187:18 279:2	302:11 305:7	274:15 275:11
277:11 285:19	occurring 15:22	280:9	306:14,15,22	312:22 313:11
288:13 291:12	occurs 332:18	older 187:19	328:7 329:11	317:21
308:10 316:16	ocean 80:9 81:7	oldest 93:20	330:7 331:16,20	opinion 30:7 277:2
336:8	97:8,14,21	Olin 4:12 8:5 139:4	332:9 342:12,13	290:6 291:2
numbers 132:9	OD 155:19	139:8,12 142:13	343:14,19 344:12	OPPD 46:12,17,18
146:3 158:6	offer 98:21 106:17	144:20 147:5	344:21 345:3	47:1,3,5,6,13 48:2
198:16 246:20	121:19 136:10	157:20 158:21,22	347:2,7	48:7,11,14 49:1,3
325:16	137:4 153:17	159:16	openers 231:14	49:9,21 50:3,7,12
numerous 17:4	155:17 156:2	Oliver 2:16 7:9	opening 7:2 213:15	50:17 51:3,6,12
		JA 2.10 1.7	5pcg / .2 213.13	00.17.01.0,0,12
	I	<u> </u>	l	l

S5:7.21 69:17	
50:5,13 51:1,9 orange 197:16 outweigh 260:2 262:18,9 316:19 142:7 143:2 50:5,13 51:1,9 64:1 113:5 122:16 182:15 age 7:1 8:1 9:1 164:13 167:3, paid 28:4 35:21 164:13 167:3, paid 28:4 35:21 160:20,21 194 154:17 186:22 123:5 124:20 verall 38:13 99:14 190:7 216:13 222:12 187:1 189:6,8 160:21 173:6 106:13 151:20 190:17 55:20 254:4 282:20 336:14 210:11 229:15 185:12 191:12 pair 155:20 254:4 282:20 4 54:5 47:3 49:12 344:15 225:16 232:19 242:16,19 250:9 83:13 332:10 336:1 53:1 72:17 74:10 orders 159:4 organically 329:8 orders 159:4 overland 150:20 83:13 332:10 336:1 332:10 336:1 152:1 54:15,17 organization 202:1 330:5 336:1 0verland 150:20 23:15 53.2 participate 32:3 participate 32:3 160:9,18 196:6 106:22 200:6 oversight 88:11 176:17 190:11 participate 32:3 participate 32:3 participating 50 270:19 272:1,19 178:9 216:7,16 270:16 288: 250:20 346:1	
opportunities order 37:19 61:17 outweighed 182:14 Page 7:1 8:1 9:1 164:13 167:3, paid 28:4 35:21 180:20,21 194 190:7 216:13 222:12 180:20,21 194 190:7 216:13 222:12 180:20,21 194 190:7 216:13 222:12 180:20,21 194 190:7 216:13 222:12 225:4:4 282:20 225:4:4 282:20 225:4:4 282:20 225:4:4 282:20 225:4:4 282:20 225:4:4 282:20 225:16 232:19 225:	
Si:16 152:10	
154:17 186:22	
187:1 189:6,8 336:14 210:11 229:15 185:12 191:12 225:16 232:19 242:16,19 250:9 242:16,19 250:9 23:11 33:13 332:10 336:1 245:16 150:1 330:5 336:1 281:5 245:2 154:15,17 160:9,18 196:6 197:4 199:8 205:9 205:9,10 261:15 270:19 272:1,19 278:7 286:17 219:4 220:3 329:18 230:20 330:11 30:13 338:16 328:9 329:18,22 330:20 331:1 338:17 331:15 341:5 347:8 opposed 65:11 106:23 200:6 opposed 65:11 106:23 201:1 100:15 306:10 334:17 344:5 opposites 40:2 originates 130:22 47:7 49:4 originates 130:22 47:7 49:4 originates 130:22 overlagation 130:15 25:14 25:15 oversight 24:15 oversight 25:14 oversight 25:15 oversight 25:16 oversight 25:17 oversight 25:16 oversight 25:17 oversight 25:1	
336:14	2
opportunity 23:5 321:6 336:5 337:9 225:16 232:19 Panama 81:14 311:12 319:20 24:5 47:3 49:12 344:15 344:15 344:15 344:15 332:16 336:1 332:10 336:1 53:1 72:17 74:10 ordered 314:19 overcome 117:13 overdue 285:4 8:10,17 9:7 11:21 339:14 340:14 85:18 98:20 organically 329:8 overlue 285:4 8:10,17 9:7 11:21 participate 32:1 130:13 138:12 organization 202:1 330:5 336:1 281:5 93:20 98:10 252:22 330:4, participate 32:1 150:9,18 196:6 160:22 200:6 origin 115:8 129:5 overse 97:15 156:12 169:16 participated 310:16 197:4 199:8 205:9 152:14 177:2 overwhelming 270:16 204:15 215:1 participating 50 270:19 272:1,19 178:9 216:7,16 270:16 238:8 250:20 346:13,14 278:7 286:17 219:4 220:3 over-recovery 251:6,12 287:15 participation 331:1 338:17 223:14 227:7,11 20:16 295:6 309:9 87:18 175:18 341:5 347:8 110:15 146:9 owned 26:1 48:18 297:7 301:7 <t< td=""><td></td></t<>	
24:5 47:3 49:12 344:15 242:16,19 250:9 83:13 332:10 336:1 53:1 72:17 74:10 ordered 314:19 overcome 117:13 panel 7:4,13,21 339:14 340:14 85:18 98:20 orders 159:4 overdue 285:4 s:10,17 9:7 11:21 parte 31:11 272 109:17 110:4 organization 202:1 330:5 336:1 281:5 23:11 53:5,8 participate 32:1 146:16 150:1 330:5 336:1 281:5 93:20 98:10 252:22 330:4, 152:2 154:15,17 organizations 106:22 200:6 oversee 97:15 156:12 169:16 participate 32:1 197:4 199:8 205:9 origin 115:8 129:5 overstated 142:21 194:15,16 201:13 participated 205:9,10 261:15 152:14 177:2 overwhelming 204:15 215:1 participating 50 270:19 272:1,19 178:9 216:7,16 270:16 238:8 250:20 participating 50 278:7 286:17 219:4 220:3 over-recovery 25:6,309:9 87:18 175:18 331:1 338:17 original 30:11 96:11 279:4 289:7 panels 273:18 particularly 60 341:5 347:8 110:15 146:9	4
53:1 72:17 74:10 ordered 314:19 overcome 117:13 panel 7:4,13,21 339:14 340:14 85:18 98:20 orders 159:4 overdue 285:4 s:10,17 9:7 11:21 parte 31:11 272 109:17 110:4 organically 329:8 overland 150:20 23:11 53:5,8 partial 332:3 130:13 138:12 organization 202:1 330:5 336:1 281:5 93:20 98:10 252:22 330:4, 152:2 154:15,17 organizations 106:22 200:6 oversee 97:15 156:12 169:16 participate 32:1 197:4 199:8 205:9 152:14 177:2 overstated 142:21 overstated 142:21 participated 310:16 270:19 272:1,19 178:9 216:7,16 270:16 238:8 250:20 participating 50 270:72 286:17 223:14 227:7,11 20:16 255:6 309:9 87:18 175:18 318:16 328:9 227:21 258:3,6 over-the-road 75:5 owned 26:1 48:18 309:12 207:11 258:3 329:18,22 330:20 289:1 owner 48:11 297:7 301:7 108:9 130:10 341:5 347:8 110:15 146:9 owner 48:11 297:7 301:7 290:17 297:5 334:17 344:5 <td>)</td>)
85:18 98:20 orders 159:4 overdue 285:4 8:10,17 9:7 11:21 parte 31:11 272 109:17 110:4 organically 329:8 overland 150:20 23:11 53:5,8 partial 332:3 130:13 138:12 330:5 336:1 281:5 93:20 98:10 252:22 330:4, 152:2 154:15,17 organizations 106:22 200:6 oversee 97:15 156:12 169:16 participate 32:1 197:4 199:8 205:9 106:22 200:6 origin 115:8 129:5 oversight 88:11 176:17 190:11 participated 270:19 272:1,19 178:9 216:7,16 270:16 238:8 250:20 participation 278:7 286:17 219:4 220:3 20:16 295:6 309:9 87:18 175:18 318:16 328:9 227:21 258:3,6 over-the-road 75:5 panelists 202:12 207:11 258:3 329:18,22 330:20 289:1 owned 26:1 48:18 309:12 333:21 344:14 341:5 347:8 110:15 146:9 owner 48:11 297:7 301:7 108:9 130:10 102:15 306:10 160:3 294:21 owners 203:8 owning 236:7 panic 10:17 290:17 297:5 334:17 344:5 270:7 330:21<	
109:17 110:4 organically 329:8 overland 150:20 23:11 53:5,8 partial 332:3 130:13 138:12 330:5 336:1 281:5 93:20 98:10 252:22 330:4, 152:2 154:15,17 organizations oversee 97:15 156:12 169:16 participate 32:3 160:9,18 196:6 106:22 200:6 origin 115:8 129:5 oversight 88:11 176:17 190:11 participated 310:16 197:4 199:8 205:9 origin 115:8 129:5 overstated 142:21 194:15,16 201:13 participated 310:16 270:19 272:1,19 178:9 216:7,16 270:16 238:8 250:20 participating 50 278:7 286:17 219:4 220:3 over-recovery 251:6,12 287:15 participating 50 302:19 309:21 223:14 227:7,11 20:16 295:6 309:9 87:18 175:18 318:16 328:9 227:21 258:3,6 over-the-road 75:5 owned 26:1 48:18 309:12 207:11 258:3 331:1 338:17 original 30:11 96:11 279:4 289:7 panelists 202:12 333:21 344:14 opposed 65:11 160:3 294:21 owner 203:8 owning 236:7 panic 10:17 290:17 297:5	1
130:13 138:12	2:20
146:16 150:1 330:5 336:1 281:5 93:20 98:10 252:22 330:4, participated 152:2 154:15,17 160:9,18 196:6 106:22 200:6 oversee 97:15 156:12 169:16 participated 197:4 199:8 205:9 origin 115:8 129:5 oversight 88:11 176:17 190:11 310:16 205:9,10 261:15 152:14 177:2 overwhelming 204:15 215:1 participating 50 270:19 272:1,19 178:9 216:7,16 270:16 238:8 250:20 346:13,14 278:7 286:17 219:4 220:3 20:16 295:6 309:9 87:18 175:18 318:16 328:9 227:21 258:3,6 over-the-road 75:5 panelists 202:12 207:11 258:3 331:1 338:17 original 30:11 96:11 279:4 289:7 panels 273:18 particularly 60 341:5 347:8 110:15 146:9 owner 48:11 297:7 301:7 108:9 130:10 102:15 306:10 originally 255:17 owning 236:7 panic 10:17 290:17 297:5 334:17 344:5 originates 130:22 47:7 49:4 130:6,19,20 participation 102:15 306:10 panic 10:17 panic 10:17 290:17 297:5 102:15 306:10 panic 10:17 290:17 297	
152:2 154:15,17 160:9,18 196:6 106:22 200:6 origin 115:8 129:5 205:9,10 261:15 178:9 216:7,16 270:19 272:1,19 278:7 286:17 302:19 309:21 223:14 227:7,11 318:16 328:9 329:18,22 330:20 289:1 original 30:11 310:15 146:9 opposed 65:11 102:15 306:10 opposites 40:2 originates 130:22 originates 130:22 originates 130:22 overskee 97:15 oversight 88:11 176:17 190:11 176:17 190:11 310:16 participating 50 participating 50	17
160:9,18 196:6 106:22 200:6 oversight 88:11 176:17 190:11 310:16 197:4 199:8 205:9 origin 115:8 129:5 overstated 142:21 194:15,16 201:13 participating 50 205:9,10 261:15 152:14 177:2 overwhelming 204:15 215:1 participation 270:19 272:1,19 178:9 216:7,16 270:16 238:8 250:20 346:13,14 278:7 286:17 219:4 220:3 over-recovery 251:6,12 287:15 particular 42:1 302:19 309:21 223:14 227:7,11 20:16 295:6 309:9 87:18 175:18 318:16 328:9 227:21 258:3,6 over-the-road 75:5 panelists 202:12 207:11 258:3 329:18,22 330:20 289:1 96:11 279:4 289:7 panels 273:18 particularly 60 341:5 347:8 110:15 146:9 owner 48:11 297:7 301:7 108:9 130:10 0pposed 65:11 160:3 294:21 owning 236:7 panic 10:17 290:17 297:5 334:17 344:5 270:7 330:21 owns 12:15 35:12 paper 24:20 42:13 323:16 0pposites 40:2 originates 130:22 47:7 49:4 130:6,19,20 <	6,22
197:4 199:8 205:9 origin 115:8 129:5 overstated 142:21 194:15,16 201:13 participating 50 205:9,10 261:15 152:14 177:2 overwhelming 204:15 215:1 participation 270:19 272:1,19 178:9 216:7,16 270:16 238:8 250:20 346:13,14 278:7 286:17 219:4 220:3 over-recovery 251:6,12 287:15 participation 302:19 309:21 223:14 227:7,11 20:16 295:6 309:9 87:18 175:18 318:16 328:9 227:21 258:3,6 over-the-road 75:5 panelists 202:12 207:11 258:3 329:18,22 330:20 289:1 over-the-road 75:5 panels 273:18 particular 42:1' 341:5 347:8 110:15 146:9 owner 48:11 297:7 301:7 108:9 130:10 102:15 306:10 160:3 294:21 owners 203:8 304:20 143:7 202:16 334:17 344:5 270:7 330:21 owns 12:15 35:12 paper 24:20 42:13 323:16 opposites 40:2 originates 130:22 47:7 49:4 130:6,19,20 participation	
197:4 199:8 205:9	
205:9,10 261:15 152:14 177:2 overwhelming 204:15 215:1 participation 270:19 272:1,19 178:9 216:7,16 270:16 238:8 250:20 346:13,14 278:7 286:17 219:4 220:3 over-recovery 251:6,12 287:15 participation 302:19 309:21 223:14 227:7,11 20:16 295:6 309:9 87:18 175:18 318:16 328:9 227:21 258:3,6 over-the-road 75:5 panelists 202:12 207:11 258:3 329:18,22 330:20 289:1 96:11 279:4 289:7 panels 273:18 particularly 60 341:5 347:8 110:15 146:9 owner 48:11 297:7 301:7 108:9 130:10 opposed 65:11 160:3 294:21 owners 203:8 304:20 143:7 202:16 102:15 306:10 originally 255:17 owns 12:15 35:12 paper 24:20 42:13 323:16 opposites 40:2 originates 130:22 47:7 49:4 130:6,19,20 participation	0:14
278:7 286:17 219:4 220:3 over-recovery 251:6,12 287:15 particular 42:17 302:19 309:21 223:14 227:7,11 20:16 295:6 309:9 87:18 175:18 318:16 328:9 227:21 258:3,6 over-the-road 75:5 panelists 202:12 207:11 258:3 329:18,22 330:20 289:1 owned 26:1 48:18 309:12 333:21 344:14 331:1 338:17 original 30:11 96:11 279:4 289:7 panels 273:18 particularly 60 0pposed 65:11 160:3 294:21 owner 48:11 297:7 301:7 108:9 130:10 102:15 306:10 originally 255:17 owning 236:7 panic 10:17 290:17 297:5 334:17 344:5 270:7 330:21 owns 12:15 35:12 paper 24:20 42:13 323:16 opposites 40:2 originates 130:22 47:7 49:4 130:6,19,20 particular 42:17	
302:19 309:21 223:14 227:7,11 20:16 295:6 309:9 87:18 175:18 318:16 328:9 227:21 258:3,6 over-the-road 75:5 panelists 202:12 207:11 258:3 329:18,22 330:20 289:1 owned 26:1 48:18 309:12 333:21 344:14 331:1 338:17 original 30:11 96:11 279:4 289:7 panels 273:18 particularly 60 341:5 347:8 110:15 146:9 owner 48:11 297:7 301:7 108:9 130:10 opposed 65:11 160:3 294:21 owners 203:8 304:20 143:7 202:16 102:15 306:10 originally 255:17 owning 236:7 panic 10:17 290:17 297:5 334:17 344:5 270:7 330:21 ovns 12:15 35:12 paper 24:20 42:13 323:16 opposites 40:2 originates 130:22 47:7 49:4 130:6,19,20 parties 38:12 59	
318:16 328:9 227:21 258:3,6 over-the-road 75:5 panelists 202:12 207:11 258:3 329:18,22 330:20 289:1 owned 26:1 48:18 309:12 333:21 344:14 331:1 338:17 original 30:11 96:11 279:4 289:7 panels 273:18 particularly 60 341:5 347:8 110:15 146:9 owner 48:11 297:7 301:7 108:9 130:10 opposed 65:11 160:3 294:21 owners 203:8 304:20 143:7 202:16 102:15 306:10 originally 255:17 owning 236:7 panic 10:17 290:17 297:5 334:17 344:5 270:7 330:21 originates 130:22 47:7 49:4 130:6,19,20 parties 38:12 59	7
329:18,22 330:20 289:1 owned 26:1 48:18 309:12 333:21 344:14 331:1 338:17 original 30:11 96:11 279:4 289:7 panels 273:18 particularly 60 341:5 347:8 110:15 146:9 owner 48:11 297:7 301:7 108:9 130:10 opposed 65:11 160:3 294:21 owners 203:8 304:20 143:7 202:16 102:15 306:10 originally 255:17 owning 236:7 panic 10:17 290:17 297:5 334:17 344:5 270:7 330:21 owns 12:15 35:12 paper 24:20 42:13 323:16 opposites 40:2 originates 130:22 47:7 49:4 130:6,19,20 parties 38:12 59	
331:1 338:17 original 30:11 96:11 279:4 289:7 panels 273:18 particularly 60 341:5 347:8 110:15 146:9 owner 48:11 297:7 301:7 108:9 130:10 opposed 65:11 160:3 294:21 owners 203:8 304:20 143:7 202:16 102:15 306:10 originally 255:17 owning 236:7 panic 10:17 290:17 297:5 334:17 344:5 270:7 330:21 owns 12:15 35:12 paper 24:20 42:13 323:16 opposites 40:2 originates 130:22 47:7 49:4 130:6,19,20 parties 38:12 59	
341:5 347:8 110:15 146:9 owner 48:11 297:7 301:7 108:9 130:10 opposed 65:11 160:3 294:21 owners 203:8 304:20 143:7 202:16 102:15 306:10 originally 255:17 owning 236:7 panic 10:17 290:17 297:5 334:17 344:5 270:7 330:21 owns 12:15 35:12 paper 24:20 42:13 323:16 opposites 40:2 originates 130:22 47:7 49:4 130:6,19,20 parties 38:12 59	1
opposed 65:11 160:3 294:21 owners 203:8 304:20 143:7 202:16 102:15 306:10 originally 255:17 owning 236:7 panic 10:17 290:17 297:5 334:17 344:5 270:7 330:21 owns 12:15 35:12 paper 24:20 42:13 323:16 opposites 40:2 originates 130:22 47:7 49:4 130:6,19,20 parties 38:12 59	:18
102:15 306:10 originally 255:17 owning 236:7 panic 10:17 290:17 297:5 334:17 344:5 270:7 330:21 owns 12:15 35:12 paper 24:20 42:13 323:16 opposites 40:2 47:7 49:4 130:6,19,20 parties 38:12 59	
334:17 344:5 270:7 330:21 owns 12:15 35:12 paper 24:20 42:13 323:16 paper 34:20 42:13 paper 24:20 42:13 paper 24:20 42:13 paper 38:12 59	
opposites 40:2 originates 130:22 47:7 49:4 130:6,19,20 parties 38:12 59	
11	
1 == 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1	9:17
opt 212:16 131:1 OxyChem 127:19 131:10,15 132:1,7 60:5,8 107:14	,20
optimal 93:3 208:9 originating 179:9 128:15 129:3 132:11,21 133:3 117:2 140:8	
optimistic 314:7 179:21 180:12 130:11,12 136:19 133:12 167:10,12 149:13 171:15	5
optimize 248:9 origins 258:21 137:14 138:8,19 167:13,14,18 185:19 225:3	
option 28:14 63:15 Orleans 33:16 OxyChem's 138:3 168:2,16,20 169:1 253:5 318:14	
84:13 102:12	
131:22 136:11,13 178:5,7 98:12,14,17 175:1 papers 213:19 partly 137:14	
163:16 258:10 ought 96:6,8 175:7 176:11,22 parachutes 142:9 partnering 120	:15
265:20 297:7 outbound 212:2 177:13 178:2,6,10 parameters 16:8 partners 232:17	7
318:22 253:16 258:18 178:14 192:10,15 paraphrasing 295:2	
options 21:18 297:15 312:4 partnership 77:	:10
27:17 29:19 84:10 outcome 181:10 P parent 99:7 167:20 77:11	
88:8 102:5 103:8 264:19 P 1:22 3:6 5:2 7:17 Park 4:19 partnerships 73	3:16
103:10,13,15 outpace 104:17 8:12 Parkway 3:6 291:13	
104:11 107:14 output 66:14 67:4 PA 3:17 4:19 part 11:3 20:19 parts 107:22	
129:9 130:3 133:3 outright 133:2 Pacific 83:9 267:19 24:15,21 29:15 126:19 292:22	2
133:21 137:19 outside 60:6 182:8 package 136:11 46:12 49:3 91:7 party's 50:5	

magg 100-21 172-10	104.15 110.14 16	247:12	174.11 01 175.17	259.17 10 250.1
pass 102:21 173:19	104:15 110:14,16 110:19 111:15		174:11,21 175:17	258:17,19 259:1
208:10 255:7		person 238:7	176:6 185:16,17	263:20 264:5,9
303:20	121:2,3 122:20,21	338:15	185:22 331:12,21	267:20,20,22
passage 76:7 124:9	123:13,14 128:16	personal 137:19	333:6	281:7 304:5 308:1
passed 49:10 91:6,6	128:16,19,20,22	278:22	pilots 185:17	343:11 344:16,20
285:17	129:1,5,18 131:7	personally 175:14	pinata 148:21	plants 12:21 13:1,6
passionate 313:4	131:11 138:1,5,6	personnel 265:17	pipeline 197:3	14:22,22 17:1,6
patterns 209:20	145:6 146:9,13	persons 29:9	pipelines 165:10	20:4,4 21:4 24:17
pause 72:11 98:8	151:1,2,9,9,21	perspective 57:22	196:17 197:6	24:19 35:10,13,15
289:6 329:14	152:18 155:14,15	89:14 96:17 98:5	piping 256:21	36:10 37:5,12
paved 243:3	165:4 192:1,7,11	110:5 117:3	Pittman 161:5	38:19,20 47:9,16
pay 25:3 102:11	202:5 222:19	161:10 186:2	Pittsburgh 72:20	50:19 66:6,14
114:16 137:9	230:14 231:5	196:2 204:17	place 5:10,13 44:4	67:4 123:2 137:14
144:10 152:14,18	249:14 257:2	233:4 234:14	106:3 121:21	140:18 174:2
153:12 158:13	258:4 268:9,12	272:1 315:12	133:13,16 155:10	193:12 198:8,9,10
241:8,13 270:17	270:4 276:14	316:5,14	161:11 176:3	198:11,13,15,17
285:16 298:22	285:20 293:7	persuaded 32:8	208:10 210:2	248:17 255:4,15
paycheck 235:13	295:9 297:22	PET 262:17,17	212:8 217:13	263:4 269:3
paying 150:6	298:1 305:15	263:4 267:13,18	219:1,6 221:4	307:16
177:15 234:3	308:3 314:18,19	269:1 Part 1255 10 12	222:16,21 304:10	plastic 129:19
300:16 301:3	314:22 315:4,4	Petal 255:10,13	322:14 325:22	262:17,19
305:15 328:2	316:21,21 336:22	petition 42:19	327:9 329:8	plastics 268:9
payments 284:1	percentage 123:16	315:20 338:12	341:21	play 69:22 73:20
pays 114:12 266:19	233:18	Petrochemicals 2007	places 175:4	280:19
PC 46:2	percentages 230:20	260:7	227:13	playing 138:15
peak 66:20	percentage-based	pharmaceuticals	plain 312:21	Plaza 2:11 4:4,14
pedestrian 240:18	334:22 335:2,8,12	128:4	317:20	please 73:17 88:18
pellets 129:20	perception 82:17	phenomenon 15:21	plan 100:6 208:17	89:6
penalizes 146:1	168:12	phosphates 138:2	209:2,21 210:2,4	pleased 139:7
penalty 114:12	perfect 145:21	physical 17:15 19:1	210:6 216:5 237:7	plenty 28:3
pending 181:15	perfectly 56:20	physically 26:8	237:8 258:15,16	plow 250:22
Pennsylvania 99:7	performance 22:13	pick 175:13,18	307:17 333:14	plus 123:18 296:13
130:13	38:22 39:8	241:11 287:18	plane 208:1	point 16:13 26:12
people 25:13 27:8	period 49:20 66:20	298:4 317:13	planner 216:8	26:19 27:13 36:1
55:5 59:19 60:2	82:18 111:15	picked 224:5	247:17	43:17 54:19 62:13
128:8 162:18	128:14 146:12	picture 176:20	planning 208:13	65:10 68:16 70:19
218:20 225:21	147:14 173:1	202:10 276:1	216:3 248:6	81:10 83:18 94:7
226:12 251:3	191:15 192:3,6,12	pie 195:21	plans 263:9	134:20 162:4
286:11 302:16	198:12 200:11	piece 69:21 164:12	plant 16:15 25:18	168:8 181:19
307:2 331:3 340:6	201:6 224:1 254:9	pieces 208:18	25:20,22 26:5,13	197:3 202:8
345:17 347:4,8	300:17 302:15	piggybacking	26:18,19,21 37:1	211:18 212:17
percent 12:20 15:9	320:17 325:5,8,15	159:7	37:3 48:17 65:5	216:6 219:4,4
15:12,19 21:22	327:1	PIHs 163:10	67:2,21 69:22	220:4 221:18
28:8 62:6,8,10,20	periods 43:2	Pike 4:4	145:17 151:9	227:21 229:13
63:1,3 70:10 71:2	permanent 113:11	pile 61:15	152:3 154:16,18	235:3 237:15,17
76:21 80:5 83:4	permit 52:7 125:6	piles 66:21	174:4,4 255:16	282:13,15 293:13
101:17 104:3,4,6	permutations	pilot 107:16,22	256:2,5,5 258:14	298:20 303:17

			İ	
311:4 331:13,17	portfolio 141:15	13:1 16:15 25:17	predictions 209:19	presumption 72:1
331:20 337:3	143:2 188:2	25:22 26:5,21	predominant	presumptively 72:1
pointed 90:20	portion 26:4	30:6 37:8,10,14	269:12	pretty 40:22
114:1 147:21	119:14 198:17	39:9 45:20 46:4	predominantly	175:22 251:1
215:7	247:17 344:6	69:14 95:6 126:19	140:21 293:8	301:19 304:19
pointing 180:19	portray 117:1	129:11 155:20	prefer 233:9 259:6	333:17,22
points 17:13 111:3	portrayed 286:4	170:4	271:5 306:9	prevails 120:7
119:21,21 206:2	ports 81:7 97:22	powerful 25:9 26:6	preference 180:11	prevent 31:17
213:16 217:2	pose 215:18	81:3	305:6	133:18 136:17
239:21 248:5,5	poses 11:6	PowerPoint 10:22	preferred 58:20	153:1
310:2 331:8 339:2	position 35:9 66:9	346:20	59:18	preventing 125:8
344:1	73:2,17 90:7	PPG 4:17 8:7 28:2	prelude 245:9	147:4
point-to-point	143:22 254:8	28:13 33:12	premier 273:17	prevents 130:20
119:15	275:20 297:3	149:17,22 150:4	premiums 153:12	153:13
poised 291:16	342:4	151:6 152:2,13	285:8,15	previous 90:1
poker 64:11	positions 170:5	153:20 154:10	preparation 114:5	168:15 297:6
polices 285:6	positive 93:1	157:20	182:13	314:6
policies 32:22	126:16 335:4	PPG's 186:1	prepare 173:1	previously 309:22
78:16 118:6	positively 312:9	practical 223:8	prepared 272:5	332:6 342:16
154:21 155:7	possibilities 188:15	224:13 254:2	prepped 270:11	pre-2004 20:6
159:17 160:12	possibility 63:18	259:8,22 261:3	prescribe 344:9	price 22:14 103:5
172:11 182:19	146:21 242:14	practically 88:21	prescribed 43:16	112:4 119:6,22
262:12 271:9	possible 51:17 56:4	practice 269:13	135:17	120:21 122:5
283:9,15 284:11	56:4 130:18 132:1	practices 102:17	prescribing 43:6	138:2,5 151:18
318:4	157:12 258:9	106:5 111:22	presence 166:5	152:4 173:3
policy 17:13 28:18	259:7 272:9	254:13 257:21	262:21	199:10 265:12
51:20 77:21	284:11 328:14	260:18 261:14	present 10:13	313:20 322:21
116:17 124:13	332:4 335:22	283:6 321:18	50:20 85:18	323:5 324:20
185:10 196:4	postal 241:2,9	practitioner 11:16	103:22 310:6,10	327:14 328:15
206:4 272:2	poster 145:8	PRB 13:2,5,10,13	310:13	339:11
285:13 329:10,22	Post-2004 54:3	14:5 15:1,5 35:20	presented 117:22	priced 257:7
political 46:20	potential 56:7,17	47:10 67:20	118:2 346:19	prices 49:22 50:22
poll 168:19	84:16 107:13	pre 54:2	preserved 80:22	51:10 81:20
polyethylene	140:7 148:14	precedent 314:11	President 12:6	102:11 103:2
262:16	160:5,10 162:14	preceding 202:20	34:15 72:18 80:10	144:10,16 159:22
Polymers 5:20 8:20	169:20 170:3	precisely 111:7	116:12 127:17	185:3 316:3
260:7 262:2,9,14	260:2 261:5 267:6	193:16	149:22 195:2	325:11 326:18
polyvinyl 127:22	271:20 292:12	precluded 168:2	205:21 206:1	327:2
Pont 4:1 8:2	308:17 333:6	169:10	252:3,15 282:18	Price-Anderson
poor 25:5 36:15	potentially 65:2	precludes 266:16	President's 282:15	163:5,9
44:1,6,11 67:4	163:2,17,17	predecessors 32:8	pressure 10:18	pricing 15:8,11
68:4 76:2	179:14 298:1	predicated 105:21	81:17 158:2	106:4 108:15
poorly 132:11	pounds 75:7	predict 207:10	313:20	112:1 118:19,19
port 83:11 84:14	Powder 12:15	209:21 226:3	presumably 236:18	120:5 129:10
105:13,14 268:4	25:20 203:4	predictability	presume 43:9	130:8 172:12
Porte 28:5 152:15	250:12	208:21	237:12	181:3 190:8
152:18	power 2:19 7:10	predictable 220:9	presuming 242:2	254:13 257:20

	I	I	I	I
288:17 311:11	67:9 184:12 211:1	321:14 332:10	155:11,14 178:19	76:11,15 97:19
317:12 322:16	211:7 298:21	345:2	186:19 187:17	134:2 176:14
328:12	299:2 314:9,17	processed 336:2	196:15 253:20	prompted 310:3
pride 235:12	324:7,10 327:12	processes 157:4,7	273:13,22 274:4	promptly 220:7
prima 22:4 58:9	338:9	158:4 183:1	278:13 281:5	proof 234:21
71:9	procedural 10:6	297:10 300:14	293:11 321:3	propellant 253:11
primarily 15:1	346:16 347:1	processing 252:13	product's 152:4	257:4
39:10 66:15 68:7	procedure 109:19	procurement 35:10	Professor 161:4	propellants 252:10
79:7 291:18	261:11	116:12	profit 102:16	proper 92:7 97:10
345:20	procedures 39:5	produce 40:16	139:22	153:9 215:17
primary 43:18	108:8,18 109:11	141:10,17 144:12	profitability 275:7	306:3
principal 311:4	114:1 156:4 157:2	263:4	275:15 294:5	properly 85:5
principally 310:9	158:3 181:12	producer 28:2	profitable 50:3	proposal 52:13
principles 329:5	259:8 260:9,10	86:10 141:9	119:7 276:21	56:12 88:7
prior 13:21 15:15	261:10	142:18 152:7	283:16,17 294:2,9	proposals 31:11
16:13 17:8 32:3	proceeded 183:5	262:16 273:12	profits 102:14	52:3 78:21 94:12
40:10 50:18 54:17	proceeding 18:2	producers 85:16	275:9,13 277:3,5	120:13 137:2
202:17 255:19	20:11 24:2 25:8	269:1	289:12 292:21	170:11,13 206:8
257:13 276:1	28:22 33:6 40:3	produces 39:1	profoundly 199:3	210:19 285:4
287:15,21 332:22	46:14 47:4 52:6	producing 145:20	program 29:21	propose 15:18
prioritized 275:9	107:6 118:3 123:8	281:6	30:4,7 107:16	31:11
prioritizes 208:9	149:12 198:1	product 41:17	136:21 174:11,21	proposed 19:11
private 96:9 97:3	199:7 206:3	73:22 89:2,5	176:6 245:6 298:8	63:3 158:22
203:9 206:21,21	214:19 253:3	101:1,18 103:2	298:9 339:18	174:11 258:19
289:7 291:8	260:22 309:20	141:16 165:12,15	programs 326:12	proposing 214:16
private/public	330:22	175:18 187:22	335:8 336:19	299:6
291:12	proceedings 11:3	188:15 253:16	progress 118:11	proposition 31:8
Privatization 22:17	19:5 48:10 117:19	255:22 256:14,16	251:2 276:19	prosecute 147:19
privileged 333:13	155:5 259:20	production 110:11	294:22	202:2
pro 33:4	310:17 346:21	113:9 119:14,20	prohibited 19:10	prosecution 114:5
probable 92:4	process 47:18 49:3	120:2 122:19	prohibitive 303:9	prospect 56:5
probably 55:22	50:15,17,21 60:17	259:1 267:13,16	316:4	prospects 288:21
59:14 68:8 74:5	61:6 87:8 100:18	268:10 269:3	prohibitively	311:8
88:6 90:21 91:1	106:12 108:9,13	productivity 40:19	109:10 338:14	prosperous 75:14
96:21 97:1 133:9	109:2,11,15 126:4	41:3 42:1 187:1,3	prohibits 260:11	protect 19:4 21:17
224:10 227:2	146:1 165:9	189:11 200:12,17	project 265:1 290:9	28:16 144:20
303:5 347:11	181:19 182:5	201:9 202:9	331:12,22 332:4	170:7 283:5,10
problem 11:6	184:18 185:12	275:11 289:12	333:6	protected 21:15
29:16 36:22 66:4	201:15 229:17	290:15	projection 244:7	30:15 31:9 153:4
67:6 135:3 155:3	235:11 261:19	products 24:20	projections 239:1	169:19
166:10 215:18	270:6,20 271:1	82:5 99:2,12,18	projects 255:8	protecting 30:9
282:10 316:2,14	274:22 288:8	100:17,19 102:20	prolong 251:3	163:9
337:7,10,13 338:1	291:14 292:6	103:4 105:10	promise 91:22	protection 30:11
problematic	293:16 303:4,16	108:11 128:1,5	235:15	117:10,15 260:17
130:11 207:7	303:22 304:1	129:7 138:6	promised 30:14	protectionism
problems 39:8 41:6	305:9,10,19 306:5	140:17 141:19	220:10	115:17
65:21 66:16 67:8	306:10,12 308:11	144:7,11,12	promote 75:12	protections 33:4

protective 150:8	provision 112:13	putting 161:12	quick 308:7	38:19 39:8,9
protects 30:4 163:5	Prussia 3:17 99:7	197:6	quicker 172:20	48:12 49:4,20
protests 125:19	PTC 245:7,8,10,11	PVC 129:19	182:21 303:20	50:7,10 65:18
protocol 134:1,3,8	245:18,19,20	P-R-O-C-E-E-D	quickly 17:22	74:12 75:2,4,12
135:22	246:16	10:1	203:22 220:21	75:22 76:6,8,11
protocols 130:2,7	public 1:5 2:19	P.C 2:22	226:1 300:15	76:16,20,21 77:3
133:20 146:21	7:10 35:3 38:10	P.E 2:16	quilting 279:5,10	77:7 78:2,4,21
prove 43:14	38:13 45:20 46:4	p.m 347:16	quilts 313:9	79:1,3,7 80:2,20
provide 18:12	46:19 78:10,12	P.O 2:12,17 4:10	quite 25:5 35:18	81:11 82:14 93:4
19:12 22:10 23:5	79:11 132:6,20	5:2	67:12 74:5 137:6	94:4 96:22 98:21
26:18 27:11 35:15	136:20 141:7		160:4 161:9 201:5	99:11,13,16,20
36:9 42:9,11,19	196:4 203:9	Q	215:4 225:17	100:3,8,12,15
42:21 43:13,20	258:12 298:8	quadruple 203:3	244:9 245:3,3	101:7,7,13,19,20
44:1,14,16,17	329:10,22 339:6	qualification 211:5	247:4 270:6	102:2,4,6,8 103:7
48:20 59:5,16	publicly 96:11	qualify 322:3	quote 15:8 16:12	103:13,16,22
61:17 69:2 81:18	133:13 141:5	327:18	17:14 19:1 31:19	104:2 105:15
87:16 109:17	281:16,21	qualifying 273:7	31:19 54:8,18	106:2,16 107:4,7
110:5 114:9 132:3	published 153:16	qualitative 52:7	125:4 133:19	109:1,4 110:1,8,9
132:8 137:2	290:8	70:4,13,21	136:21 155:19	110:10,15,16,20
155:21 157:14	pull 218:7 324:14	qualitative-based	158:19 160:17,18	111:12,20 112:15
159:22 194:1	pulled 218:11	70:6	233:11 265:12	113:9,10,18 115:5
202:21 232:16	pumps 256:21	quantitative 70:4,9	280:20 312:6,21	115:7,14,16,19
234:10,12 235:6,8	purchase 268:15	70:14,21	quoted 15:8 156:19	116:15,21,22
235:14 242:18	purchased 17:3	quantities 268:15	192:1 193:3	117:5,7,9,22
267:9 268:7 273:6	36:7 48:15	quarter 128:18	quotes 14:20 20:3	118:1,12,14,15,17
310:2 315:15	purchaser 12:14	320:19,20	108:4	119:8,11 122:11
316:16 319:4	purchases 110:1	quasi-public 98:1	quote-unquote	122:16,17,19
320:5 339:13	purely 77:18	quest 330:2	71:1,7 83:14	124:8,11,13,15
346:20	purification 128:3	question 55:11	quoting 17:13	125:7,19 126:7,9
provided 13:8 35:6	purpose 43:18	62:4 91:4 117:18	108:6	126:13,15 127:1,2
37:16 43:1 49:5	pursuant 1:17	173:22 174:10	Q&A 7:12,19 8:9	127:9 128:11,12
52:11 80:20 81:5	pursue 152:12	175:6 183:8	8:15 9:5,19	128:15,17 129:2,8
86:2 208:15,19	263:21 305:7	217:12 224:10		129:21 130:1
314:3 328:18	pursued 292:11	236:11 245:5,19	R	131:13,17 132:5
331:2	299:1	249:21 283:12	R 1:19	132:18,22 134:12
provider 69:19	pursuing 18:11,15	301:6 304:4,19,19	radically 231:1	136:20 137:15,20
85:4 196:1 339:14	126:2 130:12	305:5 306:8 307:8	rail 6:16 9:16 12:16	138:1,4,8,13
340:11,13	208:12	315:13 317:8	12:18,19 13:9,14	139:14,16 142:13
providers 81:9	push 11:19 84:22	339:1,10 345:12	13:16,18 14:4,12	142:17 143:4,5,12
321:16,19 322:3	put 90:6 95:12	questioned 41:10	14:20,21 16:14,18	143:13,18 144:7,8
328:19 339:19,22	155:10 171:8	123:8	17:2,3 20:2,3,12	144:9,17 145:3,9
provides 113:3	174:5 177:4 202:1	questions 10:9 53:7	22:10 24:4,6 25:2	146:18 150:17,19
129:10 147:21	210:20 228:16,22	53:8 56:22 57:3	26:11,14,17 27:21	151:5 152:9,15,22
180:22 278:17	247:16 285:15	98:4 156:9 173:18	28:8,21 29:1,5,18	153:2,22 154:13
providing 24:4	298:1 299:21	227:1 243:11	29:21 30:6,14,15	154:19 155:1
44:11 51:22 86:3	300:11 337:16	342:14 346:6	30:19 31:17 35:2	160:14,22 161:14
114:9 340:5 341:2	338:12	347:3,5,6	36:3,5,6,13 38:15	164:4,6 167:1

, ,, ,,_ ,,		l	l ,	l
177:10 187:19	28:7 30:6 31:18	railroading 318:1	165:19 166:4,17	29:4,13 30:5,13
193:12,17 195:7	33:3 34:21 36:6	railroads 13:8	166:18 170:4,15	118:10 278:11
196:7 204:15	36:11 39:6,13,22	14:16,16 15:7	170:18,22 175:10	raise 299:13,14
206:5,7,10,10,16	41:5 42:3 44:10	17:3,14 20:9,17	175:20 177:19	raised 17:22 62:7
207:1 208:21	44:12,13 48:16	23:1 25:1 26:4	178:17,18 186:20	301:6 332:6
209:11 210:7	50:1 64:2,4,10	27:10,18,20 28:16	187:5 188:18	raising 55:13 153:2
214:18 226:12	65:3 69:16 78:1,9	29:22 30:5,21	189:1 190:4 196:2	163:19
232:20 252:19	83:3 92:1,11 96:8	31:3,13,15,22	196:11 200:1	ran 200:21 301:5,6
253:13,22 254:4,8	96:9 102:14	32:6,12,16 35:3	206:15,20 207:16	342:8
254:16 255:3,5,9	104:18 110:14,18	36:16 37:17,20	211:1 213:21	range 128:1 253:14
255:11,12 256:1,9	110:21 119:4,13	38:9 40:2,14 42:7	225:3 228:12	rapidly 137:15
257:1 258:5,18,18	119:17,19 120:1	42:10 43:19,21,22	229:22 236:14	rare 121:17
258:22 262:10,12	120:10 121:18	44:7,17 45:2 50:3	248:18 253:19	rarely 122:7 154:4
263:15,19 264:8	122:21 126:18	51:18 52:10 53:16	254:7,16,19,20	269:13
264:11,16 265:7	129:7 130:5,15,16	54:16 61:8 64:16	255:1 256:10	rate 15:9,10,11,13
265:20 267:1	133:5 145:7,12	65:1,10 68:14	257:6,8,16,17	15:15,18 16:2
268:6,8,11,14,15	151:18 167:15,17	72:21 74:21 75:13	259:7,10,16 265:2	17:8,18 19:1 20:8
268:19,20,21	167:19,20,20	76:2,3,14,19,22	265:22 266:12	22:3,4,7,10 26:10
269:4,5,7,10,14	168:5 170:2,6	77:6,8,16,18	272:6 274:12	26:18 27:12 35:21
269:16 271:6,7,16	174:10 177:2,3,8	78:11,13,18 79:8	276:21 277:4	41:3 51:4 54:8,18
272:2,3,7,8 273:8	179:4 180:7 199:2	80:15 81:3,18,22	280:13,19 283:17	56:5 59:1,4,7,18
274:6,8,13 275:14	208:12 213:6	82:16,19 83:7,13	283:20 286:10	60:8 62:14,20,21
276:8 278:6,15,17	219:3,6,18 221:8	84:4,12,20 86:17	289:8 292:12	62:22 63:1,2,3
282:7 283:6,13,16	221:12 223:3,8	87:17 89:9,16	294:6,9 296:9,12	64:5,22 71:7,22
284:3,6,13 286:2	225:5 229:1,8	91:19 92:2 93:11	299:21 302:17	83:5 85:4,7,13
286:5,6 288:22	230:4,7,9 236:6,8	93:13 94:10,18	304:21 307:22	86:4,6 88:10
289:7 291:5,22	238:7 239:18	95:6,16 96:6,9	308:18 311:22	108:5,6 109:2,6
293:2,6,9,10,14	240:4 246:12	97:2 99:21 111:3	317:11 321:4	109:15 111:20
293:18 295:10,15	248:1,22 258:2	111:19 112:8,17	333:18 343:10,19	114:3,3,6,11,13
295:19 296:12,20	260:20 261:16	112:22 114:18,22	345:19	114:17,19,20
297:8,15,16 298:7	265:9,13,16,17	116:18 117:20	railroad's 23:3	115:3,15 121:1
312:15 316:18	266:3,6,16,17	119:2,3,4 120:4	67:7 120:6 137:5	124:20 125:14,16
317:8 319:2,3,4,7	272:21 275:6,10	120:15 123:4,7	285:8 296:13,14	126:3 136:6,18
319:10 320:1	276:2,12 277:3	124:4 125:1,4	299:18 315:1	137:1,3,9,16
321:15 324:8,18	278:11 279:21	127:11 129:5,10	345:6	144:16 146:5,7,10
325:1 327:1,5,5	280:5 281:8 282:2	130:17 132:12,19	rails 77:11	146:10,12 147:6
327:11 329:3,3,6	285:18 289:11,14	133:22 135:8	railway 5:1,8 8:11	147:15,17 148:8
332:21 333:14,16	289:21 290:1	136:7,9,15,22	8:13 195:3 205:20	148:10 149:7
336:4,4 339:14	291:8,16 292:21	139:20,21 140:7	railways 312:18	153:6,10,14,18
341:16 342:2	294:12 295:2	140:22 143:22	rail's 274:22 288:8	155:12 156:1,4
343:13	299:5,11,12,16	144:2 151:11,12	rail-dependent	157:2,18 158:11
railroad 1:9 12:10	307:19 308:22	152:5,12,17 153:3	24:7,11,16 29:20	158:11,11,13,16
14:7 15:4,10,13	311:6,8 312:4,6	153:16 154:5,10	30:12	158:20 161:15,20
18:4 19:11 21:8	312:17 314:17,20	155:16,18,20	rail-served 268:16	169:4 172:18
22:13,18,20 23:6	315:5,8,14 316:2	160:7,16,19 162:9	274:11	177:1,4,5,7,8,10
24:14 25:3 26:7	316:9 318:6 344:4	162:12,13,22	rail-specific 295:21	177:12,20 178:4
26:22 27:14 28:6	344:14,20 345:2	163:6,10,19 165:5	rail-to-rail 28:20	178:13 179:4,5,13

			I	I
179:20 180:1,2,18	161:13 176:12,15	324:22 325:7,17	184:17 267:9	261:6 271:10,13
181:17,19 183:4	177:14,20,21	327:8,16 329:18	271:21 280:20	288:16 302:10
187:2 190:5 191:3	180:5 183:2 190:7	330:10,11 336:14	324:4	331:15,21 342:12
191:17,18,20	191:10,11,12	341:4	reasonableness	343:5,7
192:7 203:16	192:1 193:12,17	reality 102:13	85:7 115:11	reciprocate 343:7
240:10 242:14,22	199:18,19 200:10	242:15 266:6	145:22 182:5	reciprocating
250:4 257:12	233:3,7,19 254:8	realize 281:16	261:9 271:7	343:19
259:13,20 260:5,8	254:16 258:18	282:14	reasons 24:8 42:15	reciprocation
260:10 261:8,9	259:5,13 260:17	realized 64:17	79:11 169:21	344:3
263:18 264:3	261:14 264:13,16	187:20	170:1 172:10	reclassify 228:15
266:4 270:17	264:20 266:9	really 10:7 16:3	299:20	recognition 114:21
271:1 280:22	267:1,4,8,9,22	24:12 57:4 64:18	rebound 68:22	recognize 136:2
297:10,17 298:2	269:18 270:5	65:16 67:17 90:8	rebounds 69:7	170:3 214:15
298:21,22 299:5,6	271:7,11,17,21	93:2 95:19,20	rebuilding 204:6	recognized 273:17
300:16 305:8	276:8 278:18	97:3 144:3 146:11	313:17	recommendations
306:12 308:2,10	280:20 283:11	148:1,17,22	rebuttable 72:1	34:22 58:5 100:11
308:11 312:6	285:17,21 288:17	161:17 173:15	recall 63:14 90:16	106:15 297:13
315:14,14 339:8	296:15 315:1	177:6 180:20	193:15 337:11	reconsider 285:6
rates 13:9,14,19	316:15 317:7,8,10	183:7 195:13	recap 181:9	record 11:4 25:7
14:4,8,9,12 15:3	344:10	199:17 200:19	receive 18:21 25:5	29:6 47:4 169:8
20:15,22 21:9,21	rate-making 87:8	201:10 218:16	150:17 151:3	174:14 226:13
25:3 28:4,8 39:4	ratio 70:10 71:21	219:12 226:16	269:4	283:21 311:19
52:20 58:2,21	71:21 155:11	227:9 230:22	received 16:9 45:9	347:2,7
62:7 65:22 69:2	ratios 297:21	242:10 266:6	116:20 174:12	recourse 259:22
76:4,20 89:3	311:16	274:19 282:13	193:13 211:22	260:14
92:14 97:15	raw 99:11 100:18	288:5 298:3 302:6	receiving 130:21	recover 321:6
103:15 104:8,10	253:19 274:3,14	304:22 320:14	314:18	recovering 328:21
104:12,15,17	323:8	323:10 325:19,22	recession 22:16	recovery 22:21
104:12,13,17	RBMN 130:16,20	330:7 335:2,9	128:15 203:21	23:2 226:3 257:10
111:7,8,10 112:3	RCAFA 128:22	336:17,21 337:7	204:2,3 214:4	red 11:13 322:22
112:9,17,20 113:4	RCAFU 128:21	340:15 341:14	225:20 226:17,18	reduce 73:21 78:8
114:14,16,22	RCAF's 128:18	real-life 129:16	267:3 314:16	107:13 113:10
115:9,12 118:15	reach 61:2 86:8	160:16	reciprocal 28:12	125:15 156:5
120:17 122:3	123:1 297:11	real-time 335:19	57:11,21 60:3	157:3 170:22
120.17 122.3	react 121:19	335:21	107:10,18 115:8	171:16,16 187:6
124.8 123.3,3,0	read 176:18,19	reason 18:15,16	124:17,19 155:8	reduced 49:21
128:15 127:3,10	195:12 204:13	32:19 43:14 44:1	170:12,16,20	77:12 112:19
130:7 131:5,20	readily 38:21	65:12 137:6	170.12,10,20	119:17 200:10
130.7 131.3,20	ready 23:7 314:8	138:21 158:10	171.2 172.12	213:7
136:16 137:1,4,9	ready 23:7 314:8 reaffirm 79:12	247:6 300:3 332:7	184:3,10 185:16	reducing 14:9
137:20 138:1,4,8	reaffirming 275:1	332:15	217:18 218:6,9,15	78:22 118:12
139:20 140:2	288:9	reasonable 81:19	217:18 218:0,9,13	reduction 115:14
			, , , , , , , , , , , , , , , , , , , ,	121:20 122:11
142:20 144:8,9,17	real 28:11 36:20	88:13,14 124:20	222:3,15 223:5	
145:3,11 147:2	37:17 90:8 161:13	125:12 131:9	224:17 227:9	124:11 149:1
149:1 151:7 152:9	243:13 254:8	133:4 139:21,22	229:20 230:2,6,15	213:8
152:15 153:2,16	298:21 322:13,21	141:16 142:19	236:15,21 237:3	reductions 64:22
154:1,4 155:19,22	323:19 324:2,16	143:3 144:6	239:16 258:10	199:22

	1	•		
redundancies	40:1 78:4 85:13	111:13 186:19	removes 208:21	319:14
200:3	91:13 93:21	317:12 322:1	removing 31:16	required 27:11,18
redundant 200:5	125:22 161:20	relevant 108:22	renaissance 275:14	27:21 32:3 109:12
refer 273:4	170:2 294:14	reliability 38:18	275:21	137:2 155:19
reference 97:8	319:15 330:2	61:14 69:5	render 119:3	190:21 255:5
296:5	331:19	reliable 36:10	renewal 15:6,20	257:18 285:20
referenced 53:11	regulations 27:18	42:11 82:5 101:19	139:19	requirement
290:11	27:20 29:15 30:8	209:18 276:15	renewing 202:22	167:18 247:2
referred 216:4	214:17 259:12	278:18	reparations 158:16	requirements
228:11 275:12	regulation-based	relief 20:22 21:7	299:22	313:19
referring 337:21	31:9	48:20 57:20 69:3	repeat 182:18	requires 117:14
refers 15:22 167:18	regulatory 18:12	137:8 148:2	213:16	321:19
refining 188:12	20:20 28:18 29:21	153:18 259:5	replace 245:10	requiring 170:12
reflect 191:2	30:4 31:4,16 32:4	260:13 261:13	249:13	190:4 236:22
reflected 128:18	32:9 33:1 39:3	relies 70:9 253:18	replaced 110:1	research 99:3
reflecting 192:4,4	48:20,21 78:16	reluctance 178:16	replacement 37:5	reserves 196:20,21
334:13	79:9,12 81:2 82:2	reluctant 179:12	replete 29:6	residential 51:3
reflection 328:15	83:21 93:13 97:10	226:4	reply 18:9,18 20:19	resins 127:21
reflects 191:20	97:18 113:3 114:1	rely 92:12 119:15	213:15 253:2,4	resolve 167:6 259:6
reform 282:20	117:10,15 126:2	125:21 126:7	285:11	resoundedly
refusal 16:12	147:3 153:5,21	269:9	reported 47:19	154:21
112:11	269:17 306:12	relying 180:12	191:18 214:5	resource 208:16
refused 18:22	reimbursement	remain 119:7 284:8	reporter 251:20	resources 18:6 82:9
refuses 26:18	324:4 328:18	remained 22:14	reports 252:17	114:7,8 126:7
refusing 124:5	reinvented 187:22	remaining 266:2	represent 23:22	209:10,17,22
160:17	reinvesting 89:10	268:12	188:21 323:10	210:2
regard 62:3 85:13	276:4 277:5	remains 109:10	representations	respect 53:14 54:6
102:14 244:4	294:18	122:1 207:1 250:8	331:14	108:10 174:21
245:6 334:2 338:5	reiterate 92:20	remarks 7:2 81:1	representative	215:6 217:18
regarding 18:1	reiterates 51:12	remedies 44:6,22	231:8	222:14 225:13
100:7 106:15	reject 125:20	48:2 126:2 269:17	represents 173:11	347:9
130:9 135:20	related 129:4,13	remedy 38:14	293:6	respectfully 164:15
231:7	273:13,22 277:11	113:3 114:21	repurchasing	respective 50:6
regardless 129:22	288:13 310:17	148:15 160:21	284:2	120:16 343:18
189:9	328:12	remember 76:1	request 51:21	respectively 128:20
regards 331:15,20	relates 71:15 100:9	175:2 289:6	52:14 108:15	129:1
332:21	167:15	remembered 301:8	137:3 148:10	respond 18:8 88:3
regime 79:13 93:13	relating 139:9	remembering	179:3 253:22	183:8 231:7
regional 26:8,12	relation 19:13	55:15	258:8 344:13	response 13:3
256:5 312:18	62:15	remembers 96:5	requested 271:10	51:21 112:21
313:16	Relations 206:1	remind 151:16	requesting 132:15	204:1
regionally 86:22	relationship 282:2	254:20	136:13	responses 16:2,6,6
Regions 83:17	324:22 326:11,20	reminder 11:1	requests 15:2 16:2	53:20 194:12
regulated 30:9	relative 203:14	remiss 180:9	20:6 337:8	responsibility
236:21	290:16 308:22	remodeling 273:14	require 90:8	201:22 283:4
regulating 39:19	337:22	remove 31:12 33:3	117:10 125:4	responsible 35:9
regulation 39:17	relatively 81:12	214:10 341:7	164:14 268:17,20	84:8 109:22 195:3
	<u> </u>		<u> </u>	<u> </u>

105 5 252 12	70 10 71 21	212 5 221 14	11 12 5	P 146 10
195:5 252:12	70:10 71:21	212:5 221:14	roughly 13:5	rulings 146:18
270:15	121:15,20,22	223:15 227:14	rounds 199:9	run 23:15 78:8
responsibly 277:5	123:14,15 155:15	229:14,15,15	route 24:15 36:12	86:10 121:7
rest 179:10 185:1	160:10 161:2,3,14	230:17 240:15	42:21 43:3,5,7	running 209:6
189:19	187:13 195:20	241:7,14,15	108:4 131:6,8,22	313:1 317:21
restore 28:13	196:2 203:16	250:16 259:21	132:9 133:2 134:2	RVC 155:11 308:3
restrict 265:3	217:8 266:1,7	269:20 270:2	134:9 146:6,13	<u> </u>
restricted 132:2	292:19 297:20	277:21,22 281:10	177:17 179:10,16	
restriction 131:4	299:15	284:16 301:10,19	179:17,22 210:12	\$ 6:13 9:14 \$ 6:55:14 10.56:2
131:11 134:8	revenues 42:8	302:4,13,22	210:15,17 216:7	SAC 55:14,19 56:2
restrictions 130:5	162:5,8 170:6	303:14 306:5,19	216:10 219:7,8	56:6,10,15 260:10
210:16	299:12,14	307:8 334:6,21	223:3 229:9	303:22
restrictive 133:3	revenue-variable	335:14	237:14 296:13,14	sadly 280:9
restructured	311:16	rights 49:5,6	296:17	safe 101:20 143:6
312:21	reversal 155:9	118:12	routes 130:18	206:22
result 13:15 15:2	reverse 118:11	rights-of-way	131:16 132:2	safely 208:2
20:5 27:16 30:19	reversed 226:11	63:22	143:10 152:20	safer 292:1
31:5 48:21 49:19	review 45:15 71:16	ring 201:2	288:15 296:19	safest 99:17 150:20
65:17 75:4 113:16	108:18,22 136:14	risen 102:9	routine 85:10	210:12 213:5
126:18 140:11,20	261:8 295:18,19	risers 255:12	routinely 99:11	293:11
146:17 147:2	311:5	rising 193:12 276:8	265:3 296:11	safety 111:8 113:17
212:18 317:10	reviewing 83:20	317:7,8,10 325:6	routing 84:10	113:18 165:9
329:2 332:8	revised 43:19 136:6	risk 83:22 182:15	85:15 130:6	174:6 235:11
resulted 13:9,19	revisit 80:18	213:9 238:14	133:20 134:16	sale 133:10 200:5
28:7 48:11 50:22	138:14 159:1	285:16 327:14	135:22 146:20	Salem 134:6
115:15 119:13	revocation 337:3,8	risks 115:2 144:21	237:10	135:18
275:16 306:16,17	337:12,15,22	317:15	routings 84:16	sales 104:20 150:10
325:18	338:4	River 12:15 25:20	RPBM 131:3	195:3 262:8
resulting 275:10	revocations 337:9	203:4 250:12	RTC 71:21	276:14
results 45:17 101:1	revoke 315:21	road 5:18,22 221:6	Rubin 3:11 7:18	same-destination
121:5	rewarded 14:2	243:3 246:22	79:17,19 80:3	228:16
resumes 59:11	re-established	343:12,12	85:20 89:22 92:15	Santa 195:11
retail 318:1	257:12	roads 77:13	97:7	200:14
retained 15:6 293:1	re-handled 224:6	Robin 4:8 8:4	rule 41:6 60:4	satisfaction 275:8
retaliation 281:18	re-regulation 31:19	127:17 141:11	108:3,8,13,18	save 175:9
281:22 282:9	40:5 60:1	Robin's 143:17	146:21 155:10	saved 75:9 77:13
retroactively	Rhinelander	Rock 2:18 34:19	176:12,15 177:9	saving 246:13
299:15	346:10	Rockefeller 45:13	179:4,13 180:4,11	savings 254:12
return 237:21	Richard 5:5 8:12	150:3	233:3,7,11,19	saw 19:9 91:16
246:15,17 256:11	ride 216:18 227:20	Rockport 211:16	236:21 276:8	182:11 192:20
257:16 289:11	228:4 229:10	role 252:15 274:22	rules 33:5 38:6	saying 40:4 57:12
returned 140:13	right 10:15 21:6	288:8	42:16 43:11,12,20	64:15 70:22
317:4	43:22 53:16 54:1	rolling 78:15	44:9 51:16 52:6	242:21 283:3
returning 92:18	55:16 92:5 172:21	room 96:5 227:2	59:15 60:2,5,8	300:20 322:4
294:5	173:9,14 178:6	rope-a-dope	130:2 182:3 318:3	334:11
returns 203:11	181:16 182:10,10	305:21	334:5 340:2	says 185:2 188:3
revenue 22:9 40:14	182:10 183:21	Ross 6:7	ruling 190:3	218:5
	-	-	-	-

scant 313:1 317:21	195:22 197:18,19	sell 103:4 152:6	143:11 255:4	ganvias tyma 199,12
scared 282:8	200:12,16 201:7	selling 152:4	258:16 259:2	service-type 188:12
scareu 282.8 scenario 247:5	200.12,10 201.7	Senate 2:4,7 24:1	289:3 293:16	serving 26:4,17 39:1,6 82:20
		senator 2:3,6 7:7		86:13 95:15 265:9
schedule 23:13,20	204:7,10 205:7	·	307:3,21 308:12	
220:10 229:2,4,7	208:5 212:2,17,22	8:24 23:10,11,14	serves 26:5 28:15	274:1 310:7
229:8 286:18	214:2 215:11	23:17 33:11,21	46:21 48:17	set 22:1,9 59:14
scheduled 235:5	226:10 242:4,13	34:2,10 39:17	119:20 267:12	67:20 144:15
246:12	244:9 252:5 270:13 276:19	45:13 277:15,19	282:3 service 25:6 35:16	209:9 225:4
scheme 147:3		278:2 286:22		315:14 326:10
Schneider 204:18	281:11 293:17	287:2,7,11 343:11	36:2,2,10,16	sets 36:7,9 225:6
205:6	298:14 301:12	senators 150:3	37:16,20 38:3,19	setting 309:22
school 27:6,9 279:3	309:11,12 320:18	285:10	39:6,8,14 41:16	settled 270:1
scope 273:8	322:2 323:3,4,15	send 199:7 241:10	42:11,19 43:2,22	settlement 181:21
Scranton 130:13	323:17,18 324:2	sends 345:5	44:2,6,11,15,18	setup 308:15
130:14	324:21 325:6,12	senior 80:8 149:21	44:22 58:2,21	seven 76:2 84:11
scream 11:17	325:13 326:4	201:22	61:14,18 65:17	202:19 275:5
scrupulous 45:14	327:12 330:1	sense 86:8 148:14	67:4 68:3,4 69:4,7	276:10
scrutiny 213:20	341:19	165:22 228:5	76:2 77:4,9 78:21	severe 267:2 332:1
seamless 219:21	seeing 169:13	233:22 241:3	80:6 81:18,21	shale 154:16
seaports 81:16	seek 50:10 137:7	242:1,11 264:14	86:1 87:10,16	196:19,19 197:2,3
search 265:1	259:4 260:16	separate 86:4	89:14 100:15,20	Shanghai 84:6
second 10:4,22	261:13	108:5 163:14	103:15 104:1	shape 307:3
17:1 26:7 27:14	seeking 48:4	177:10,21 201:20	105:15 107:14	share 116:14
31:2 75:17 92:9	260:12	229:19 246:5,8	111:8 119:22	166:11,12 197:17
113:2 180:21	seen 37:2 40:21	separately 178:1	120:18 121:12	197:18,20 198:10
192:17,20 209:4	41:2 45:8 68:3,4	separation 323:18	127:3 132:2,18	272:1 319:17
258:16 259:7	76:13 87:7,11	324:2 325:7	141:7 153:22	320:12 340:17
263:6 267:5	88:20 89:13 93:1	327:20	154:13 185:7	shareholders 93:18
secondly 120:2	104:14 120:16	September 324:2	195:4 202:13,22	sharing 264:12
121:14 125:2	146:11 149:8	series 145:16	203:7 207:14	287:1
206:8	151:20 167:2	201:17	232:16,18 235:6,8	shield 32:9
seconds 11:18	174:4 194:6	serious 91:20	235:14 241:2,10	shift 62:12 78:6
second-largest	195:19 201:10	162:16 209:5	242:18,19 248:17	197:21 207:9
196:3	215:9 276:6 327:7	285:3	271:6,16 278:18	239:18 285:12
Section 52:8	341:13	seriously 101:22	281:1 313:19	292:19 294:14
sector 100:4	sees 70:7	seriousness 40:3	314:17 315:16	323:12 327:7
sectors 24:22	segment 84:5 94:9	serve 93:16,17	316:15 333:19	shifted 19:16
secure 99:17	108:5 125:10,13	141:15 160:1	345:5	197:20 249:9
211:21	segments 271:15	195:14 196:16	services 49:5 58:2	292:22
securing 14:1	271:19	198:14,18 205:3	75:6 76:15 80:16	shifting 115:16
security 142:4,12	select 293:14	258:12,17,20	93:4 95:22 101:14	249:4
see 10:5 40:7,7,11	selected 107:17	293:4 315:9	106:7 114:10	ship 35:14 78:2
45:5 54:4 55:8	self-help 16:17,20	343:17	159:22 345:15	105:13 131:13
69:3 94:8 115:1	21:4	served 32:12 47:22	service-level	142:17,21 143:1
121:6,12 122:6,7	self-interested	86:16 110:20	111:18	143:21 150:21,22
135:19 184:10	117:2	124:22 129:6,8	service-sensitive	151:21 152:3,16
185:3 188:9	self-interests 78:5	130:15 131:1	82:6	164:1 240:19,22

252.16.21.265.20	200.12.210.21	-l-!	.:3.3056.11	14 1 40.0
253:16,21 265:20	308:13 319:21	shipper's 338:11	sided 256:11	simplest 148:9
266:15 269:6,8	321:10 324:8	shipping 15:5	siding 223:20	simplification
273:8 280:6 282:4	326:1,11,16	77:14 97:14,21	255:20	156:3
shipment 84:6 85:8	328:17 330:5	99:21 102:9,12,22	sidings 255:17	simplified 55:14,19
104:2,6 129:14	338:8 339:6,13,21	103:6,12 104:3,10	256:7	56:2,10,15 172:14
143:6 150:20	340:8,18 341:18	104:11 105:9	sight 291:3	260:10
155:15 179:7,15	shippers 16:20	106:9,10 119:16	sighted 77:21	simplify 109:14
215:21 216:7,11	18:10 19:15,19	136:11 137:12	sign 220:13 301:15	157:2 271:20
219:8 220:7,14	20:20 21:3,14,17	143:3 144:7 164:8	335:9	simply 31:7,20
228:2 229:4 234:7	22:2 24:7,17 29:2	206:11 278:15	significant 17:10	88:17 114:13
297:21 336:3	29:20 30:12,21	281:6 289:1	24:21 25:4 26:6	121:20 166:7
shipments 28:4	38:7,16 52:19	292:13 294:8	35:19 37:22 51:7	187:12 198:5
104:8 108:14,20	53:9 59:10,15	296:2 308:4	66:17 67:18 81:5	228:20 247:16
110:10,15,17,20	60:12 63:17 71:1	ships 81:17 113:14	87:11 102:17	258:9 259:17
129:19 134:4	71:6,8,20 72:22	113:20 274:3	110:9 115:15	268:8 271:17
146:22 163:19	76:4 77:18 78:12	296:11	119:10 123:10	310:1 311:19
164:1 166:21	79:10 81:7 82:6	shook 280:5	131:4 142:7	317:14 345:19
220:2 227:19	90:10 93:3 95:7	shop 75:17	154:15 192:21	simultaneously
253:19 255:6	113:4 117:2	short 17:2 49:15	194:6 198:17	103:5
256:10 264:8	124:21 125:7	50:7 69:16,17	225:14,17 233:18	single 14:22 20:4
265:12 267:18	132:17 133:11,14	72:16 87:18 125:9	264:2 267:6	26:21 110:14,17
268:17 274:9	135:5,8,11 136:5	133:18 168:19	290:14 292:7	119:19 122:21
297:16	136:8 137:7,8	182:14 200:6	309:4 321:4	129:22 134:20
shipped 74:22	140:2 147:4,22	226:8 271:14	326:15	145:7 212:6 229:3
101:18 116:20	148:11,21 156:1	274:12 276:7	significantly 49:21	232:2,2 281:8
128:10 151:8	158:4 169:19	292:18 312:18	67:22 73:15	single-car 222:4
255:22	170:7 183:14	313:16	100:16 103:9	313:18
shipper 16:17	184:2 190:7 198:1	shorter 253:21	104:13 114:16	single-line 120:6
17:17 50:8 52:9	199:5,19 200:10	shorter-term 193:6	117:16 123:18	single-served 86:17
52:12 57:10,11	208:22 218:5	shortest 210:11,15	125:15 135:15	95:7
58:17 63:4 82:13	235:22 236:1	shortly 195:10	202:18 264:7	singly-served 236:1
109:5 112:8	239:6 254:11	277:17	267:1 291:7	sir 67:11 68:20
114:14 125:13	259:9,10 260:1,11	short-lines 130:16	signs 282:6	295:8 297:9
129:12,22 137:3	260:12,15 261:3,4	short-term 117:3	silicates 129:20	sit 159:14,19 175:7
139:15,18 145:3	261:12 266:3	shot 287:22	silos 269:2,11	188:9,19 223:22
146:2 148:3 149:5	275:17 278:12,19	shouldering 127:9	silver 57:13,17	224:3,4 302:18
152:10,22 159:15	280:11,17 281:15	show 138:4	68:13	305:22
160:22 161:10	282:8 283:5,10	showing 52:12	similar 18:3 28:10	site 140:19
180:10 199:1	284:7,8 285:15,19	248:4	47:6 48:12 135:7	sites 122:20,21
217:17 234:1	286:5,10 297:4	shown 14:11	135:20 148:5	265:1
239:22 241:22	298:11 300:2	111:22	291:5 314:20	sitting 10:13 165:7
242:3,4 253:12	308:10,13 310:6	shows 214:11	338:9,9	situation 33:15
263:15 274:8	311:22 319:3,11	shut 66:5,6 67:1	similarly 211:6	40:12 41:11 86:7
276:18 277:6	321:1 326:22	137:13 193:11	simple 139:15	93:8 105:1 135:16
281:20 288:20	327:13 328:22	side 10:14 87:11	261:6,11	148:15,18 160:4
293:9 300:1,16	334:11 339:10,17	97:9 235:22 236:2	simpler 172:20	160:15 167:22
304:20 307:5	342:5	248:20 284:5	182:20 303:20	179:9,14 180:2,7
	·		·	·

			1	
180:8 185:2 201:6	181:4,13,16	sounded 337:4	297:12 310:20	118:12 124:10
224:12 225:2	182:10 184:9	sounds 298:10	320:7 336:6 337:9	169:22 199:20
240:14 242:22	187:16 189:22	source 267:21	337:10 344:13	254:10,17 275:22
327:17	190:17	sourcing 4:3	specifically 155:7	276:1,6 293:17
situations 37:15	Sobule 2:10 7:5	116:13	250:13	294:15
54:11 148:5	12:1,2,5 52:18	South 162:17	specifics 52:1	stakeholders 81:6
six 67:8 84:11	53:19 54:2,14	Southeast 83:16	speed 210:16	93:17
92:17 150:5	58:4 62:15 63:6,9	southeastern 46:22	302:21 303:2,8	stand 23:7 55:22
151:21 202:19	64:14 67:11 68:20	southern 5:8 8:13	speeding 305:10,13	244:7
253:7 303:4	70:19 71:20	72:22 83:10 88:1	speeds 57:5 68:15	standard 52:14
307:19	Sobule's 62:3	125:18 134:4	spend 37:18 54:20	314:11 316:6,7
six-year 111:15	society 239:12	205:15,19 206:2	64:18 82:8 219:19	standards 259:20
size 35:19 161:22	soda 127:22 129:19	206:15 207:3	246:14,16 284:1	261:9 315:19
297:18 345:17	softball 225:10	208:11 209:18	284:15 293:7	standpoint 69:2
skeptical 318:2	sold 315:5	210:20 211:19	297:16 306:1	196:5,5 205:1
skew 312:16	sole 85:4 263:19	213:14 214:6,15	spending 12:22	223:8 226:8
skewed 145:22	solely 46:16	222:10 236:11	77:1 206:21	232:19 335:16
skyrocketing 151:7	solution 48:22 97:6	240:5 244:5,11	spends 12:17	stands 272:5
slick 224:1	135:17 148:9	279:9	spent 36:4 45:9	stand-alone 304:1
slide 195:8,20	153:9 183:19	Southern's 207:12	52:2 64:21 80:7	start 11:20 34:3
197:13 203:12	184:7 291:3 296:8	209:11 227:18	114:8,9 162:22	161:11 181:1
211:18 214:11	solutions 54:11	southwest 25:14	163:7 204:18	194:18 251:12
slides 204:13	59:9 96:13 132:17	Sow 44:19	216:1 226:6	279:6,10 302:16
319:18	135:6 164:14	so-called 27:11	231:21 270:2	336:9,10
slightly 73:2 152:1	171:15 184:22	108:3	293:5 301:8,13	started 10:6 336:19
slip 287:8	261:4 293:18	span 84:10	spiderweb 227:22	339:10
slow 199:15 226:1	308:21	Sparta 255:14	spill 162:15	starting 14:13 48:1
slowed 187:3	solve 163:17	speak 19:18,22	spine 345:6	51:2 114:13
slows 221:16	184:11	34:15 46:7 61:8	spinning-off	204:12 205:15
sluggish 283:19	somebody 173:19	66:10 67:14 74:10	167:20	start-up 132:22
small 36:21 69:20	somebody's 64:12	85:3 188:18 191:3	spiral 242:19	state 2:2,6 7:6 8:23
75:19 132:22	somewhat 43:4	193:18 251:19	spirit 93:12,14	18:14 23:22 25:14
136:18 146:16	57:7 240:17 332:4	269:18 282:9	319:13	33:16 34:21 35:11
153:17 253:12	soon 286:12	309:21 330:20	splitting 300:10	80:2 116:15
259:9,20 260:1,9	sophistication	speaker 46:5,10	spun 167:17	138:20,22 262:10
260:11,15 261:4	208:13	251:7	spur 223:20	290:22 311:5,7
261:12 279:9	sorely 263:14	speakers 154:3	spurred 186:13	318:5 333:13,14
281:12 298:11	sorry 63:11 214:10	speaking 222:17	spurring 186:10	stated 18:10,16
301:17	284:17 287:7,8	251:10 312:13	201:14	59:12 294:7
smaller 47:6	329:13	speaks 83:21	St 2:13 6:13	statement 19:14,21
123:17 181:12,17	sort 47:18 59:20	specialty 99:2	staff 303:4 318:14	166:2 195:9
181:18 285:19	64:9 92:20 93:8	252:10 273:18	stage 263:1	254:16 312:8
small-volume	97:7 177:12 181:8	specific 25:9,10	staggering 290:21	313:4 337:19
136:17 Smith 4:2 8:2 116:2	233:1 297:11	45:1 52:3 53:6	Staggers 30:14,22	statements 29:7 273:7 322:4
	300:3 342:16,18	55:11 78:2,3 90:9	40:11,13,20 47:14 48:19 49:10 76:8	
116:4,8,11 127:14 171:4,5 173:16	sought 19:6 131:20 sound 292:10	138:19 146:13 192:12 273:10	91:5,5,6,22 93:22	states 1:1 6:1 8:22 9:2 12:12 99:4,5
1/1.4,3 1/3:10	SUUHU 494.10	174.14 4/3.10	71.3,3,0,44 93.44	7.4 14.14 77.4,3
		<u> </u>	<u> </u>	<u> </u>

99:10 123:12	stifled 17:16	strictly 87:21 297:7	subsequently	suggests 249:7
127:4 128:6,9	stock 22:14 78:15	stride 94:1	257:19 333:2	suitable 37:4
141:4 144:4	141:6 284:2	strides 89:13	subsidiary 273:2	Suite 1:13 2:23 3:7
150:10 195:22	stockholders 284:1	strive 213:11	273:20	3:12 4:9,14 5:6,22
204:20 207:2	stockholders 264.1 stockpile 36:17	STROHMAIER	substantial 15:14	6:8
263:13 267:13	stockpile 30.17 stop 23:16 215:20	6:19	36:21 37:11 40:18	sulfur 13:2
272:14 273:1	217:13 220:3	Strohmeyer 9:17	76:14 141:20	sulfuric 187:18
304:13,15 332:20	228:12 245:15	309:12 330:16,18	206:14 212:3	
station 42:20 47:8	280:3 313:8	342:10 345:14	213:15	sulphur 13:2
47:9 344:12,21			substantially 41:4	sulphuric 189:10 summarize 35:7
stations 47:8	stopped 18:10,15 64:8,8 276:19	strong 39:13 44:14 44:16 99:13 117:4	77:6 119:17	310:2
	,	263:12 283:14	191:11	summarized 47:12
255:12,18,21	stopping 213:2			
256:3 342:12	217:9 221:11,16	strongly 124:10	substitutes 141:16	summarizes 148:17
statistics 155:14 198:6	storage 112:16	143:16 235:10 284:12 285:22	sub-optimal 248:13	summary 141:13 293:20
	113:11 255:10,12		succeed 144:4	
stats 246:18	255:22 256:19	structure 79:10	success 22:19 74:14	summer 66:20 67:1
statute 22:3 71:6	266:13 268:22	240:11	99:14 115:10	Sunbelt 145:19
stay 85:12 220:10 240:4 286:13	269:2,5,10,11 314:21	structured 344:10	117:5,6 292:18 successes 310:12	146:2 147:17,21 160:4
		structures 97:18		
stays 69:7	stored 225:20	struggle 289:17	successful 69:15	superior 81:18
STB 20:11 21:15	stories 280:16,22	struggling 183:20	121:10 157:11	supplement 55:2
22:2,7,22 50:10	story 203:13 214:1	280:18	172:1,2 175:9	150:2 347:9
54:22 85:5 94:14	280:9	stubbornly 124:5	176:4 181:12	supplemental
113:2 132:16	STP 113:22	studies 290:8	187:17 298:17	159:4
136:13 146:17	straightforward	study 161:6 320:7	313:16 315:20	supplier 62:12
153:6 163:14	159:10	320:11	346:14	80:15 82:13
166:14 259:4,14	strategic 274:17	stuff 53:10 303:5	successfully 314:1	suppliers 141:3
260:13 283:14	288:3	331:19	sudden 247:11	239:13
284:7,11,17 285:5	strategically	stymie 292:6	suddenly 248:2	supplies 66:7 67:9
285:21 308:11	122:14	subdivision 46:20	Suez 83:13	128:3 313:9
310:17	strategies 87:4	subject 74:11 118:6	suffer 331:22	supply 14:21 20:3
STB's 132:5 283:9	strategy 282:21	120:4 140:2,5	sufficient 40:15	60:8 66:14 69:5
STD 284:17	straw 193:17	145:3,11 147:5	42:7 55:21 64:2	81:4 85:2 127:17
steadily 214:3	streamline 109:14	273:10 274:16	96:17 119:5 267:9	144:15 154:9
267:1	270:22	288:2 311:11	suggest 70:12,18	169:6 273:20
steam 42:20	streamlined 185:11	subjects 288:19	94:12 96:20 119:1	275:3 288:11
steamship 84:8	streamlining	290:13	157:7 159:5	292:22 319:22
stemming 39:8	210:21	submission 46:15	167:22 169:17,18	supply-chain 85:15
step 160:7 259:21	Street 1:14 2:22 6:3	145:14	suggested 55:13	supply/demand
steps 144:20	6:8	submissions 148:8	91:20 96:3,3,6,13	323:9
184:21	strengthen 99:20	submit 11:2 164:16	311:22	support 19:21 32:7
steroids 207:21	strengthening	submitted 19:20	suggesting 64:6	87:3 106:19 107:4
Steve 3:11 80:3	108:2	46:13,15 51:15,20	176:12 243:3	107:11 108:2,17
Steven 7:18	stress 11:15	106:20 213:14	suggestion 96:22	115:5 132:19
Stevens 6:7	stressful 11:16	253:4 261:18	107:15 161:21	133:22 262:11
Steve's 94:7	stretch 61:13	310:1	suggestions 21:10	274:14 328:7
stick 53:9	stretched 140:18	subsequent 265:11	21:14 54:10	supported 77:16

	1	l		
203:10	swept 289:5	32:17 208:8	325:21	tell 23:16 64:12
supporting 83:4	switch 215:21	219:20 246:7	talk 39:22 42:12	158:9 159:14
supportive 16:16	224:14 343:20,21	273:16,19	64:4 65:21 150:5	174:16 175:8
163:8	switches 227:6	system-wide	181:22 196:9,10	194:5 213:22
supports 153:20	switching 26:12	230:21	317:7 331:6	220:12 247:6
suppose 169:7	28:12 57:11,21	S.C 6:7	345:17	278:10 281:19
supposed 27:16,16	60:4 107:10,19	S.W 1:14	talked 40:10 160:3	telling 203:13
58:7 166:22	115:9,12 124:18		172:4 175:20	282:6
supposedly 267:3	124:19 155:8	T	183:2 192:2	tells 203:12
surcharge 22:21	170:12,16,20	T 3:2 6:2 7:15 8:22	200:22 222:3	ten 12:1 13:5 98:12
320:21 322:20	171:2 172:12	9:2	279:18 304:5	128:22 192:5
323:15 325:16	175:3 183:18	table 59:17 64:3	332:7	194:19 205:17
326:19	184:3,10 185:16	150:13 159:19	talking 29:1 39:18	207:4 249:13
surcharges 20:10	217:19 218:6,9,10	165:8 182:2	39:19 42:5 149:4	251:14 262:3
20:12,13 23:1	218:15,19,21	188:21	164:8 217:5	272:15 314:5
112:14 122:8	219:1,9 222:4,15	tacked 281:2	218:20 221:9	318:11 332:13
134:13 190:1,2,5	222:19,20,22	tactically 86:21	236:4 241:6	tend 97:22
190:12,20 322:5	223:6 227:9	tailored 50:5	248:15 278:12	tended 344:17
324:7,18 325:1,8	229:20 230:3,6,16	take 10:18 17:21	talks 341:16	Tennessee 83:16
326:13 327:3,17	236:21 237:6	22:15 44:8 55:1	tangible 39:1	tension 313:11
334:3,7,12 335:1	239:16 258:11	59:13,14 65:2	tank 253:14,15,16	terephthalate
335:2	261:6,7 271:10,13	84:5 89:17 93:15	253:17 255:18,20	262:16
sure 54:5 55:8	288:16 302:10	107:4 112:10	256:2,6,18,20	term 92:9 117:5
60:20 61:5 66:21	331:16,21 342:12	120:12 121:20	tanks 255:13	125:10 171:11
71:3 92:19 95:2	342:13 343:5	130:1,5 144:20	tap 125:7	182:14 236:5
170:18 206:22	344:12	160:22 165:12	target 266:7	264:13 267:8
222:1 231:16	system 24:4 27:3,6	171:3,7 178:4	targets 220:16	292:18,19
244:3 263:17	29:5,18 31:4,10	200:8 204:9	tariff 15:8,12	terminal 86:11,18
284:8 286:13	31:10,18 71:16	206:13 214:12	114:16 136:12,16	124:22 229:13,16
287:20 337:18	75:12 79:7 83:1	221:12 222:7	137:3,9 140:5	265:9 277:13
surely 292:7	96:11,22 99:21	223:17 232:8	146:7 153:11,16	288:15
surface 1:3,12	108:1 109:3 113:3	235:12 239:17	155:19 158:11,13	terminals 78:14
207:17 282:19	117:7,9 122:16	240:2,6,7 242:6	158:16,19 270:5	81:7 82:8 203:2
284:20 292:10	127:2 134:18,21	245:14 283:8	270:17 298:21,22	217:5 228:13,14
surpassed 21:22	143:9 151:5 153:5	285:3 302:18,19	299:21 300:11	terminate 214:19
surprised 343:1	153:21 187:19	307:14 323:13	301:3,21	terms 54:21 56:14
surrounding 101:6	207:20,21,22	329:8,9 340:22	tariffs 173:3	58:21 71:17 87:3
218:14	208:4 210:7	341:7,20 344:8	182:14 281:2	94:18 100:17
surveyors 63:21	228:14,20 233:5	346:17	tax 27:4,8 336:12	119:22 122:3,5
survival 149:5,10	245:8,20 247:8	taken 129:17 136:5	taxpayer 291:20	140:3 144:21
survive 149:7	248:2 256:20	157:10 201:1	teams 202:1	145:12 154:4
185:8	272:9 290:1 291:2	315:6	tear 134:12	193:18 242:16,17
suspend 299:5	293:21 294:12	takers 166:17	technological 210:5	242:18 243:12,12
suspension 273:16	344:9	167:7,8	263:2	243:13 254:9
sustainable 319:6	systematically	takes 67:19 114:6	technology 82:9	289:12 323:13
sustained 128:14	146:15,19 276:3	156:22 172:8	189:4 276:9	333:12 342:12
swapped 65:7	systems 27:22	210:16 216:8	335:16 336:21	terrible 280:16

				ĺ
281:14	189:21 191:9,9	245:13,21 246:3,9	347:10	thriving 308:14
territory 208:7	194:9,11,14,20	251:3 280:10	thinking 302:9	throttled 276:19
tested 263:14	205:12 214:20,21	284:7 299:17	third 22:20 140:8	through-route
testified 148:4	215:1 221:17	302:2 323:3 336:9	192:20 345:1	220:8
250:1 297:4	225:8 226:19,21	think 11:5 18:7	Thirdly 122:2	through-routes
testify 92:19 150:1	230:13 235:18,20	39:12,17 41:9	third-party 81:8	277:13
262:9 278:7	244:14 249:19,19	43:12,18 44:15	Thomas 2:21 7:10	throw 247:14 303:5
286:17	250:17,18 251:16	45:8,12 53:7,16	thoroughly 100:1	throwing 247:11
testifying 88:5	251:21 261:22	55:19 56:13 57:15	thought 10:7	thrown 89:20
90:18 140:16	262:1,4 271:22	59:4,9 61:13	145:15 167:21	Thursday 1:10
testimonies 290:12	272:11,12,16,18	64:14 68:20 70:16	225:14 227:5,8	tie 190:4 334:7,17
testimony 10:8	278:2,5,8 286:16	70:20 71:15,19	270:8,9 277:16	tied 190:1,10,13,15
14:12 18:1 22:12	286:20,21 287:3	83:20 89:8,18,20	289:5 300:20	tight 91:12
23:6 27:2 28:21	295:4,5 304:17	92:6 93:22 94:2,5	327:21 346:1	TIH 129:14,16
41:19 53:11 55:12	307:13 308:6	95:1 97:3,11,18	thoughts 30:3	143:14 150:15
57:7 150:2 158:22	309:5,7,10,19	151:22 157:13	33:19 88:7 215:5	154:7 155:11,14
161:4 162:3	318:7,8,15 330:13	161:18 162:12	334:20	162:15 163:19,22
166:14 168:17	330:14,18,19	163:12 168:7	thousand 200:17	164:3,18 166:20
174:19 184:6	333:8 337:2	169:4,15 181:6,10	203:15	178:19 192:12
193:14 231:7,18	338:21 346:5	183:7 186:1,3,4	thousands 105:10	TIHs 163:10
278:9 287:17,21	347:12	187:5,9 189:12,13	205:2,2	time 10:13,20
304:21 310:1,3,19	thankful 346:12	189:18 194:17	threat 59:21 63:19	11:14 13:8,15,17
312:1 313:14	thanks 33:8 283:14	203:12 204:16	63:19 88:12	14:5 15:1,5,8,16
314:6,12 316:13	329:19	205:5 215:9	136:16	15:19 16:9 17:19
316:17 317:6	theirs 179:22	217:17 218:13,17	threaten 44:7	18:7 20:9 23:12
331:5,10	theme 17:22 18:3	218:20 219:10	three 5:10,13 17:2	34:2,8 36:8 43:2
Texas 28:5,9,10	theoretical 169:18	221:18,19 222:2	17:5 21:12,13	45:9 47:17 48:7
131:1 145:18	theory 304:2	224:2,9 230:18	35:12 37:13 57:15	49:19 52:2 53:22
152:16 296:11	they'd 189:18	231:1,15,19	58:5 87:13 88:3	58:18 59:13,14
334:15 337:13	234:2	232:13 234:5	98:10 151:10	63:10 67:19 76:8
thank 12:2,8 23:4,9	thing 11:17 36:13	241:16,18 242:2	152:17 155:10	80:1 90:21 92:18
24:1 33:7,10,18	46:6 49:11 57:5	242:10,12,21	181:16,18 187:4	97:1 114:7 115:21
33:21 34:1 45:18	69:13 95:13	250:22 251:2	216:21 227:6,13	116:14 121:3,12
46:8 52:22 53:1,3	183:21 184:14	270:7,12,21	228:4 255:17	124:16 127:12
53:5 55:10 56:19	202:11 204:9	280:10 295:9	256:22 264:18	128:17 133:16
57:6 61:19,21	220:18 238:1	296:4 297:3	283:15 296:22	138:13 146:12
72:3,4,5,8,16 74:1	248:14 283:3	299:19 300:2	302:16 316:20	147:14 156:8,22
74:2,9 79:14,15	284:4 290:14	302:21 303:13,18	322:15 342:11,21	157:4 158:13
79:19,21 85:17,19	296:4 302:22	306:2,6,21 308:12	345:15	167:16 172:9
90:14 98:2,4,7	303:2,8 342:7	309:8 317:9	threefold 87:13	173:1 178:10
109:20 110:4	things 63:13 67:6	329:15,17 331:19	three-benchmark	183:5 186:18
115:21,22 116:14	73:8 142:8 161:1	331:22 332:1	56:14	191:21 192:3
127:12,13 139:1,6	161:8 165:2 175:2	334:9,20 335:3,5	threshold 22:4 71:5	193:2,5 197:20
149:11,14,18	177:16 201:18	335:10,13,15	71:8,14 285:20	198:12 199:17
156:10,12,15	219:11 220:2	336:8,16 337:14	thresholds 22:1	200:11,14,15,20
157:22 162:20	221:9,15 230:1	338:7 342:2	261:7	201:5,6 202:14
167:9 176:7 186:6	239:11 240:10	345:11 346:14	thrill 289:5	203:11,20 204:12
	-	-	•	•

	Ī	Ī	Ī	I
216:2 219:15	140:10,16 145:4	227:17 288:21	265:19 266:2,4,5	16:18 24:9,13,15
224:1 229:2,12	146:7 159:11	300:6	267:6	26:14 32:2,14,18
232:14 233:8	164:15 176:3	touch 259:16	tragic 165:3	35:22 51:8 74:17
239:20 247:15	180:12 182:18	319:18 342:9	trailer 82:10	74:19 83:2 91:8
249:1,16 251:10	188:19 190:11	touched 83:19	trailers 74:20	91:13 99:16 100:4
264:2 267:10	194:13 197:21	176:11	232:4,7	100:10,13,21
283:8 284:16,16	205:7,22 212:22	tough 45:7 303:13	train 36:7,9 67:20	101:14 102:5,6
287:1 300:17	215:2 237:1,3	307:7	207:20 208:3,19	103:8 105:8,18,21
302:15 303:12	250:19 251:1	town 25:13 279:9	215:22 216:14,18	107:8 111:13
318:19 320:16	272:20 278:7	toxic 108:10	217:1,1,20 218:7	112:19 113:10,19
323:14,18 325:9	282:7,14 283:16	to-rail 262:13	218:8,11,12 222:5	117:7 118:8
325:10,13 328:8	283:18 300:7	TRAC 80:10	227:20 228:17	119:11 123:9,13
331:20 333:4	307:1 309:21	track 17:15 19:7	229:15,15 232:3,6	123:17 133:21
337:10 338:18,19	312:2 313:5	48:9 54:8 112:16	232:8 245:16	142:14,15,19
340:3,22 342:8,15	318:16 319:17	133:10 165:14	274:14 313:8	143:5 151:5 154:1
345:13	326:3 328:9	203:2,3 212:7	trains 26:1 68:19	195:21 205:1,2
timeliness 38:18	330:20 342:11	214:9 223:20	197:1 208:5,9	206:19 207:1,17
timely 47:2 51:13	today's 124:8 189:4	266:16 332:19	209:8 210:14	207:17 252:17,20
320:15	321:9,18	tracker's 49:5	212:2,11,22 213:2	252:21 254:1
times 13:5 37:13	told 30:17 69:10	tracks 77:7 133:6	222:8 228:4,20	268:5,22 272:9
65:7 67:16,19,21	132:1 135:21	225:5 266:13	229:2,10,12	273:1 274:21
68:6,10,15 82:6	136:21 168:14	trade 274:1	247:20 248:1	276:16,20 281:9
96:21 101:9	190:9 265:18	traded 141:5	trans 265:7,15,19	282:20 283:2
120:22 138:14	270:11 280:22	tradeoff 341:8	transaction 19:11	284:20 288:7
151:18 171:17	Tom 46:1	trade-offs 122:5	326:9 340:6,14	290:10,15,19
188:1,7 214:3	Tomahawk 316:19	traditional 85:1	transactions 50:11	291:17 293:3,5
216:21 227:13	346:8	traffic 14:3,17	321:17	294:8 295:10
234:10 325:14	ton 200:18 203:15	18:21 67:18 68:9	transfer 241:1	309:2 312:14
327:2 336:18	tonnages 55:21	68:14 69:12 76:21	transit 82:6 120:22	319:7 321:19
time-consuming	tons 12:13 35:14	77:13 83:12 91:1	121:3 134:11	322:3 328:19
126:5 155:12	36:18 47:10 72:21	91:15 92:12,14	171:17 340:22	339:22 340:11
timing 156:5	111:12	96:10 113:16	transmission 34:18	transported 25:22
226:17 232:19	tool 125:2 210:5	119:6 120:4	transparency	75:2 150:19
322:10 336:12	tools 47:13 48:19	134:17,22 151:18	132:13 319:1	transporting 99:18
Timmons 313:14	124:14,17 147:8,9	151:19 154:7	328:11 330:7	100:18 143:16
today 10:10 11:7	147:10,13	167:16,19 168:1	340:7 341:3	trans-loaded 269:7
23:6 24:5,6 28:1	top 114:11	173:12 204:2,5	transparent 22:21	trans-loading
30:4 32:11 33:19	topic 285:11	207:5,10,21,22	133:17 136:4	84:14
36:2 44:16 69:17	topography 247:22	208:8 209:8,21	234:7 329:11	traveled 280:15
69:18 72:6 74:10	total 12:20 49:20	211:8 214:7,7,9	336:15 339:6	treat 135:3
75:14,22 76:12	94:22 95:20	215:14 216:16	341:13	treated 96:7 147:22
77:4,20 81:1 83:7	110:20 121:22	219:2,14 221:16	transport 24:10	treatment 285:14
85:18 94:6 98:6	198:17 250:7	222:19 227:17,19	32:13 87:16	tremendous 89:13
98:20 100:6 103:9	260:6 274:8 293:4	230:15 231:10,13	141:17 165:11	94:1,9 197:4
110:2 126:20	293:7 320:3,19,20	231:15 236:13,18	239:19,20	219:19
129:15 135:9	totally 88:13 94:16	237:10 247:13	transportation 1:3	trials 332:17
138:15 139:7	145:8 152:8	250:3,4,8,9	1:12 12:18,19	tribulations 332:17

		1	 	
tried 91:13,15	313:11 317:20	310:4 324:14	323:7,21 326:14	46:5,10
137:10 157:3	trust 328:16	330:10,17 331:8	327:22 336:17	unified 207:19
334:4	truth 149:3	332:9 339:15	undermine 19:6	uniformly 268:20
trip 134:15 216:22	try 35:7 37:8 59:1	343:4,10,12,13,15	42:6 206:4,14	Union 83:9
triple 203:3	62:17 74:6 176:6	346:16,20	210:1	unique 86:8 113:14
tripling 86:12	201:17 224:7	two-fold 180:11	undermined 209:3	204:16 291:12
troubling 60:18	227:14 235:4	TX 4:10 5:3,23	underperforming	320:8
truck 24:9 74:18	254:12	type 16:11 56:18	307:17	unit 26:1 68:18
76:5,17 94:4	trying 40:6 152:6	86:1 124:1 220:1	understand 25:7	197:1 222:5,7
113:2 150:21	235:4 240:16	222:4 247:5 306:5	38:5 54:6 60:2	274:14
196:14 214:8	297:17 334:7	316:1 346:20	133:21 138:20	United 1:1 6:1 8:22
231:20,22 232:2,8	turn 101:2 212:5	types 16:5,10	147:9 160:11	9:2 12:12 99:5,10
232:11,13,18	220:20	107:12 108:20	191:14 257:15	123:12 127:4
241:10 253:21	turned 275:6	209:7 342:22	272:11 300:3	128:6,9 141:4
254:1 258:18	turnout 19:1	345:15	321:2,10 326:19	144:4 150:10
265:7,12 268:13	turns 220:21,22	typical 27:4 111:22	understanding	195:22 204:20
268:19 269:6,7,8	221:2	122:3	67:16 90:9 96:17	207:2 241:2
296:20 315:7	tweaking 294:13	typically 37:6	167:14 168:3	263:13 267:13
317:4 320:2 327:1	twice 199:10	158:19 180:6	169:11 171:10	272:14 273:1
327:8,9 338:13	297:22	227:6	190:18,19 218:18	304:12,15 332:20
trucking 118:8	Twin 279:14		275:3 277:18	units 35:13 257:5
196:12 231:22	two 6:8 11:4 22:8		288:10 307:2	unit-trained 274:7
232:17 315:7	25:10 26:3 29:2	UCTS 245:6	340:8	unknown 17:20
316:4 338:13	30:2 47:7,15	ultimate 194:8	understands 60:4	248:3
340:19	48:10 52:9 57:3	265:11	318:5	unleash 39:11
truckload 204:19	72:10 80:13 84:10	ultimately 38:16	understood 132:11	unloading 255:11
204:21 293:8	86:2 87:13 90:1	91:19 92:8 169:7	227:3	255:18,21 256:3,4
truckloads 75:1,2,6	112:22 118:2	228:17 257:7	undertaking 16:20	unlock 271:17
trucks 32:13 113:6	119:2,3 120:8	285:18 300:1	309:20	unmatched 276:11
113:15,15,21	124:22 125:20	328:16 339:3	undertook 50:14	293:21
118:13 268:7	128:21 130:14	unable 102:21	underway 206:17	unnecessarily
269:13 314:2	150:16 155:8	111:17 132:3	under-recovery	133:3
318:1	165:3 177:14,19	unacceptable 152:8	325:18	unnecessary
truck-competitive	177:20,21 192:4	unadjusted 128:19	undue 33:3	134:10
89:15 312:5	193:7 195:17	unbalanced 138:15 uncertain 101:8	unexpected 281:1	unplanned 248:3
true 104:1 118:13	202:13 206:2	153:8 264:18	unfair 112:5	unprecedented
126:7 130:19	211:1,9 224:4		257:17 260:17	82:7 199:18
154:7 183:16	225:2,3 227:13	uncertainly 237:16 uncertainty 52:17	261:14 281:20	unpredictable
188:3 195:15	228:11 229:21,22	52:18 60:13 88:19	300:6	236:14 238:1,4
198:5,22 240:9	232:5 240:3	89:20 207:5	unfairly 127:9	239:4
268:8 294:21	245:12 246:5,8	o9.20 207.3 unclear 62:16	unfortunate 165:3	unprofitable 119:4
312:9 345:3	263:4 264:17	334:14	unfortunately	unrealistic 147:6
truly 85:10 123:10	269:22 271:12	uncover 140:11	102:8 105:6	unreasonable
145:7 157:6 158:8	274:19 275:1	underbid 49:17	136:22 257:14	20:22 21:9 39:4
171:11 297:5	279:13 280:14	underbia 49.17 underlie 324:6	299:2,8 300:9	52:21 56:5 59:2
trumpets 28:22 trunk 312:22	288:6 296:9 306:20 307:21	underlying 135:1	307:11 UNIDENTIFIED	72:2 88:13 112:6 113:4 114:15
u unk 312.22	300.20 307.21	underlying 155.1		113.4 114.13
	l		l	I

115.1 140.10	200.17 200.22		226.20.21.229.6.9	92.10 11 96.12
115:1 148:10	289:17 308:22	variables 210:9	226:20,21 228:6,8	82:10,11 86:12
152:9 259:5	USG's 275:20	247:19	230:12,18 231:6	143:8 253:13
260:17 261:14	291:21 292:9	varied 16:7	231:17 233:1,13	255:1 259:1 308:1
269:18 283:10	usually 156:19,19	variety 24:8 247:12	233:21 234:9,13	voluntarily 276:13
unreasonably	236:5 344:12	280:17 293:3	235:16 249:20	voluntary 222:15
144:16 145:2	345:18	various 74:20	250:11,14,16	343:9 344:4
unreliable 281:1	UTCS 208:2,7,14	91:14 108:20	252:3,15 262:5	$\overline{\mathbf{w}}$
unremitting 313:20	209:1 245:10,11	305:2 343:3 344:8	272:17 295:7,8,13	$\frac{\mathbf{W}}{2:21} = \frac{\mathbf{W}}{5:18} = \frac{\mathbf{W}}{7:10}$
unrestrained	245:13,22 246:9	345:10	295:20 297:2	
137:20	246:14,20,22	vast 273:13	298:6 309:18	waiting 264:18 waivers 169:1
unscramble 159:12	247:3,7,14,17,17	velocity 219:18,19	318:13 331:13	walk 180:8
unsupported	248:7,9	219:22 220:1,15	338:22 342:6	
213:18	utilities 46:13	220:18,20 221:7	345:11	walked 306:20
unwilling 267:7	55:20 56:2 65:22	221:14,16 235:5	view 18:5 19:19	wallboard 273:12
upcoming 173:2	157:19 278:14	313:6	35:8 70:20 139:14	want 10:12 18:8
updated 77:7	utility 25:17 26:2	verified 168:18	256:11 260:21	25:10 30:2 35:22
322:21	27:2 46:18 173:11	version 195:21	282:5 292:9	40:7,7,11 41:16
upgrade 123:2	173:13	versions 195:19	328:11	42:12 43:17 58:19
upper 310:9	utilization 79:1	343:3	viewed 289:3,22	64:3 67:1 71:12
UPS 240:18,21	utilize 60:16 87:22	versus 75:5 83:9,10	views 34:20 80:1	91:4 95:12,20
241:8	293:14 295:15,22	170:7 185:1,4	98:21 109:17	98:4 137:11
upwards 153:13	utilized 47:13	205:6 227:10	287:1	163:20 164:20
UP's 18:18 19:19	183:1 233:14	231:12 286:5	vigorous 315:7	165:20 166:11,11
UP-served 134:4	utilizing 181:11	307:17	vigorously 14:2	166:18 169:15
urge 285:22	U.S 2:3,6 24:1	vessels 268:22	196:12	171:3 173:20,22
urges 214:15	199:13	269:1	vinyl 127:21	174:15 193:1
USA 5:20 8:20	T 7	vests 142:9	Virginia 151:9	195:13,14 215:20
262:9	V	VI 9:7	154:16 240:19	221:13 228:18
USDA 283:2	V 8:17	viable 113:6 237:21	263:7,16,20 264:6	231:15 234:14
284:14	VA 5:11,14	vibrant 40:16	267:11,20	239:7 240:3,18
use 13:10,13 18:7	valid 133:9	76:11 117:7,9	virtually 321:9,20	241:13 251:4
22:22 24:9 60:5	Valleys 83:16	Vice 1:21 12:4,5	326:8	278:8 281:15
69:20 75:12 99:11	valuable 18:7	34:6,15 45:22	visibility 180:19,22	282:13 303:5
107:5,12,18 108:3	value 18:2 120:19	57:1,6 58:4 59:20	vision 195:9	305:17 309:16
113:6 136:15	121:6 275:1 288:9	60:15,22 61:19	visit 24:5 33:12	333:3 341:22
155:20 240:18	293:10 311:16	72:18 74:8 79:20	vital 99:13 116:19	347:5
265:7 266:12	317:16	85:21,22 87:15	128:6 142:4	wanted 21:10 30:17
269:4 293:3,9	valued 295:1	88:2 90:5 92:21	Vitter 2:3 7:7 23:11	131:16 198:2
303:22 304:2	vanilla 312:22	98:15 110:3 116:8	23:14,17,22 33:21	227:1 241:8 251:8
315:19 322:17	317:20	116:12 127:17	150:3	279:19 319:16
335:8	Varda 6:6 9:10	139:6 149:19,21	volatile 321:5	326:3 331:10
useful 10:8 305:11	309:13,15,18	176:9,10 177:11	328:21	333:22 342:7
user 105:14	337:20,21 338:7	177:22 178:3,8,12	volume 76:21	346:7
uses 25:20 141:12	variable 21:22	178:21 179:1	101:18 113:13	wanting 179:5
210:8 344:8	70:10 148:8 161:3	181:4,14 182:7,22	121:1 143:1 151:1	265:10
USG 273:2,5,11	161:15 261:7	183:6 194:21	164:2 175:19	wants 234:6
274:3,18 288:4	297:20 305:16	195:1 205:20,22	volumes 56:3,8	warmly 174:12
			•	

	1		l	1
warn 10:12	welcome 10:4	152:20 156:8	310:16 327:7	119:10 120:10
warning 11:13	72:12 98:9 99:19	158:5 164:7 172:7	339:16,18 341:4	123:7
warnings 257:7	109:13	172:18,21 173:12	341:13	won 49:18 198:7,9
warranting 91:2	well-being 321:7	173:13 176:6	whack 148:20	198:18 299:12
warrants 124:12	well-defined 39:2	180:12 182:17	whatsoever 241:4	wonderful 302:11
Washington 1:14	well-versed 126:1	183:3,10,13	whichever 50:1	wondering 157:11
2:4,8 6:13 46:3	went 47:19 62:17	188:11 190:10	307:9	225:17 250:5
wasn't 53:15 62:10	94:16,21 112:18	194:17 196:22	whim 209:1	301:1
192:16 225:15	181:20 182:15	201:21 202:7	white 74:17	word 236:3
279:12 298:9	199:9 279:21	203:9 205:15	wholeheartedly	words 15:4 17:14
waste 18:6 338:18	280:2 301:13	217:5,14 221:9	99:19	39:12 95:18
watch 312:10	306:10 344:17	226:11,12,13	WI 6:9,13	243:14 259:12
watching 183:3	346:10	227:22 228:20	wide 247:12	317:18 338:14
Watchung 6:21	weren't 346:2	231:12 232:11	widely 124:19	work 27:16 40:8
water 24:10 32:13	347:4	234:21 236:4	206:18	55:3 60:11 86:21
128:3	West 5:5 6:3 87:21	240:16 241:6	wide-open 94:16	87:4 93:15 160:13
waterways 197:9	94:22 119:3 151:8	242:2 246:16	Wilcox 2:21 7:10	160:14 161:5
way 2:17 23:7	154:15 198:4	250:22 251:1	45:20,22 46:1,9	185:18,19 208:4
27:15 32:7 37:9	232:15 248:20	257:2 261:17	46:12 53:4 55:12	213:3,7,9 214:8
37:18 38:17 39:14	249:5 253:5 263:6	269:21 270:13,14	55:16,18 56:20	223:11,12,12,16
41:18 54:16 58:20	263:16,19 264:6	277:10 282:11	57:2 58:16 59:22	224:11 232:9,17
59:6,9,18 64:13	267:11,20 296:11	288:12 301:10	69:14,18 71:13	239:12 271:3
81:11 92:7 112:4	334:15	302:20,22 308:3	72:8	272:5 276:7
135:14 147:22	Western 13:16,18	309:8 319:21	wild 37:14 94:22	286:11 296:22
159:10 165:14	13:22 14:15 17:12	334:6 336:1	wildly 37:14	306:11 311:22
167:5 185:22	26:4 199:13 250:1	338:19 339:22	William 5:17 8:19	320:1,2,2 333:13
188:9 189:19	we'll 10:9 11:20,21	340:4	willing 167:4 171:1	worked 63:15 64:7
200:14 216:11,19	23:12 45:19 61:16	we've 21:11 35:6	178:18,20	75:20 80:14 135:9
223:9 227:20	79:17 98:9 116:2	37:2,3 40:21 41:2	willingness 54:18	200:8 218:3
230:5 239:2	127:14 139:3	61:7 66:10 68:13	Wilmington 4:5	workers 74:18
245:16 282:3	149:16 194:15,16	73:3,10,11,15	windfall 148:22	115:19 124:3
300:10 306:11	199:7 205:14	87:7,11 88:20	windows 75:16	working 64:8,9
314:4 315:12	213:16 227:17	121:10 141:1	146:16	79:10 136:3 154:2
319:6 327:20	233:11 235:15	142:15 146:19	winner 326:8	201:21 212:11
334:9 345:21	250:20 251:12	151:20 153:10	wins 152:7 220:5,6	222:17 225:4
ways 100:11 118:16	262:2 272:14	157:17 172:6	220:17 300:1	339:10
188:6,13 271:1	273:4 277:16	175:22 181:16	Wisconsin 6:5 9:9	works 159:18,21
286:1	298:14 303:16	187:22 188:5	310:8,9,11,14	160:21 233:4
WC 310:21 333:17	318:9	198:9,18 201:5,8	312:10,11,13	321:22
WC's 317:1	we're 34:3,18 35:18	203:7 204:5	314:1,13,14	world 28:11 73:14
wear 134:11	39:16,18 40:6	213:16 216:1	333:12,13,14,15	76:1 99:9 142:18
weather 203:4	42:5 44:19 69:1,9	232:14 234:12	333:20,20 346:9	189:4 196:13
week 33:15 197:14	70:22 72:19,21	249:9 258:20	withers 89:1,1	208:12 263:1
Weicher 5:5 8:12	86:9 112:2 118:1	270:2 276:6	withstand 213:19	276:12 293:21
weigh 94:4	139:7 141:4	282:10 283:15	witness 19:13	295:3
weighing 137:18	143:16 148:3,18	287:4 301:13	41:21	world's 81:16
weight 51:14	149:4 150:5,7,13	304:20 308:2	witnessed 82:1	worse 76:4 186:5

		Ì	l	
236:22 287:5	years 63:14 66:9	yesterday's 290:12	280:19 283:17	148 8:8
307:3	67:8 73:5,7 75:21	York 279:19	317:9	15 73:5 138:5 146:4
worst 134:20	79:4 80:7 82:1,17	Young 95:13	1s 87:18 310:7	189:7 192:5
worth 5:3 193:14	83:6 86:13 87:13	ф.	312:17,20 317:19	268:12 280:11
341:9	96:3 102:13	\$	332:15 343:2	293:6 295:9
wouldn't 62:9,11	103:10 104:16	\$1,500 146:7	1's 135:8	150 104:15 192:11
166:5 224:11	121:8 126:3	\$1,800 131:12	1,000 113:21	232:6,8
240:9,9 241:14,21	128:12,21 133:9	\$1.2 27:6	253:17 303:6	1500 27:3
248:9 280:3 337:6	135:6 139:12,13	\$10 270:12	317:2 320:9	1500-mile 26:15,20
written 14:12 35:6	141:2,8 142:16	\$100 51:2	1/10th 151:2	1509 5:6
41:19 145:14	146:5 150:7	\$11 270:12 300:21	1:58 347:16	151 192:1,7
193:21 310:1,18	151:22 181:7	\$12 147:18 157:5	10 7:2 20:3 133:9	15146 4:19
316:17 317:5	187:4 188:5 189:7	\$12,000 146:8	138:5 191:16	1530 4:14
331:3,5,9	189:7 190:3	\$13 150:11	10th 46:16 323:18	155 8:9
wrong 38:12	191:17 192:5	\$15 270:14,20	100 3:7 116:21	16 204:18 218:4
wrote 331:9	193:3,7 195:16	300:19	121:2 141:2,8	231:21 256:2
Wyoming 25:21	199:16 200:8	\$2.2 255:3	145:6 150:7 151:2	160 128:16 274:2
	202:19,20 204:18	\$2.5 74:16	151:21 165:4	1600 74:17
X	207:5 218:4	\$2.6 297:16 301:18	258:4 311:17	17 121:3
x 1:6,9 220:15	231:21 233:17,20	302:6	1054 2:22	170,000 210:7
237:6	236:16,16,16,17	\$20 153:13 157:6	10707 52:8	18 325:4
Y	249:2 252:18	241:12,13 270:14	1076 308:3	180 21:22 70:9,14
	256:22 264:18,20	300:19	109 7:24	71:2 161:14
yard 211:16,16,19	269:22 275:5	\$200 27:5 134:15	11 108:3,8,13,18	285:19 297:22
212:1 215:18	276:10 279:2,13	\$220 128:11	128:20 176:12,15	311:17
228:14 229:13	279:16 280:9,12	\$3 156:20	177:9 179:4,13	1800 74:18
248:10	280:14 283:20	\$4 156:20	180:4 198:13	181 253:14
Yeager 3:6 7:17	290:11 291:11	\$4.7 301:21 302:7	233:3,7,11,19	184,000 324:17
74:3,4 79:16	299:19 302:16	\$400 293:5	274:12	184,674 320:7
87:16,20 89:7	314:5 332:13	\$43 162:6	11s 180:11	1858 116:19
93:19 96:4,19,20	year-to-date 244:8	\$46 141:22	11-type 146:21	1883 150:4
yeah 61:12 171:5	year-to-year	\$480 76:22	110,000 110:10	19 128:19 131:7,11
178:21	249:12	\$5 56:9	1100 3:12	312:15
year 27:5,7 47:10	yellow 11:9,12 45:6	\$500,000 256:19	115 8:2	190 4:14
51:2 110:10	Yep 329:17	\$650 12:17	11785 3:12	1901 2:12
116:19 131:17	yesterday 10:8	\$7.3 270:2	12 7:5 139:12 224:3	1917 141:6
142:1,17 162:6	18:1 22:12 41:10		120 1:13	194 8:12
188:2 191:19,19	45:13 53:8 57:9	0	120,000 25:13	19406-1308 3:17
192:6,17,19,20,20	59:13 60:1 95:11	07069 6:21	126 8:4	194208 2:17
193:7,7 199:9	111:3 112:2 162:2	1	13 198:8 222:18	1970s 40:9 75:22
201:16,20 202:4	168:18 174:9	1 2:17 74:20,22	230:14 252:18	1971 75:15
204:6 213:6 226:6	186:10 196:13	80:14 82:16 84:12	130 73:6	1973 51:5
226:10,12,14	204:15 215:4	132:19 140:21	1310 2:12	1978 47:22
243:17 244:1,2,16	249:22 301:8	144:2 151:1	138 8:6	1980 30:18 32:1
244:22 253:17	302:14 311:21		14 35:14 99:3 336:2	76:8,19 77:22
270:3,4 274:9	313:15 314:13	160:16,19 162:8 213:5 253:14,18	14,000 150:9	91:7,9,12
301:10 316:22	317:7,8 320:17	274:12 276:6	1400 296:14	1980s 310:7
317:2,3		2/4.12 2/0.0		
	-	-	-	-

1984 48:1 1990 16:22 2010 14:20 15:16 278 8:24 424-2000 5:19 43 15:9,12 62:6,10 63.000 128:10 2010 14:20 15:16 225:13 226:1	4000 7 4 7	0000/0040 000 00		14004	(00.0.10
1990 16:22 1990 13:3 14:6 1290 13:3 14:6 1292 14:3 1992 14:3 1998 49:14 50:16 225:13 226:1 288 9:2 436-4176 6:4 63.00 128:10 637:3 631-6326 34 631-6326	19805 4:5	2009/2010 203:20	272 8:22	410 3:4	609 3:13
1990 13:3 14:6					
48:1 310:12				· · · · · · · · · · · · · · · · · · ·	1
1992 214:3 1998 49:14 50:16 23:14 325:13 2		,		· · · · · · · · · · · · · · · · · · ·	,
1998 49:14 50:16					
2 2011 1:11 198:9,13 214:4244:6,10 3 3 138:1 450 5:22 450 5:22 63435:32:2 63166-6149 2:13 63453:32:2 63166-6149 2:13 63453:32:2 66149 2:13 63453:32:2 66149 2:13 63453:32:2 66149 2:13 63453:32:2 66149 2:13 638-3345:32:2 66149 2:13 63453:32:2 66149 2:13 63453:32:2 66149 2:13 63453:32:2 66149 2:13 63453:32:2 66149 2:13 66149 2:13 63453:32:2 66149 2:13 63453:32:2 66149 2:13 66149 2:13 66149 2:13 66149 2:13 63453:32:2 66149 2:13 66149 2:13 66149 2:13 66149 2:13 66149 2:13 66149 2:13 66149 2:12 2:12 66149 2:12 66149 2:12 2:12 66149 2:13 6049 12:12 2:13 6443 2:13 6049 12:12 2:13 6443 2:13 6049 12:12 2:13 6443 2:13 6042 2:13 6042 2:13 6042 2:13 6042 2:14 8:15 305 3:14 8:14 8:15 300 2:25 9:11 97:15 500 2:25 9:13 8:14 2:22 15:14 8:15 2:22 15:14 8:15 2:14 8:14 8:15 2:14 8:15 2:14 8:15 2:14 8:15 2:14 8:14 8:15		245:3 320:17	295 9:5		
2 214:4244:6,10 3 138:1 450 5:22 638-5345 3:22 638-5345 3:22 638-5345 3:22 66149 2:12 638-5345 3:22 66149 2:12 638-5345 3:22 66149 2:12 638-5345 3:22 66149 2:12	1998 49:14 50:16			4417 4:4	63105-7406 4:15
2,000 320:9		2011 1:11 198:9,13		45 111:15	63166-6149 2:13
2,000 320:9 2020 3:20 3.1 75:6 48 255:9 48 255:9 68 75:8 2,400 316:22 205 :14 205 :14 30 79:4 128:16 48 255:9 480-1407 4:15 7 <td></td> <td>214:4 244:6,10</td> <td></td> <td></td> <td>638-5345 3:22</td>		214:4 244:6,10			638-5345 3:22
2,400 316:22 20 269;15 80:7 205 8:14 205-7677 3:17 20510 2:4,8 20705-4048 3:13 20705-4048 3:13 21 128:7 198:11 201:20 300 232:6,8 305:15 317:3 21224-6404 3:3 30-year 254:9 5 155:15 70 129:5 316:21 700,000 75:1,6 22 99:4 31 121:8 50 28:8 101:17 71 104:4 72 1200 202 146:11 22 99:4 31 121:8 50 28:8 101:17 71 104:4 75 120 203 49:17 50:16 121:1 317:3 2200 4:9 31 4:13 4:15 2003/2004 199:17 2004 13:16,21 131:3 2200 4:9 31 4:13 14;19 15:16 15:22 16:13 17:11 19:15 20:1 21:19 54:3 62:5 64:8 65:13 111:4,13 198:20 201:7 202:16 204:12 256:13 198:20 201:7 202:16 204:12 256:13 198:20 201:7 202:16 204:12 256:13 198:20 201:7 2007 19:3 2008 50:14 64:8 128:13 19:3 2008 50:14 64:8 128:13 19:3 2008 50:14 64:8 128:13 19:3 2008 50:14 64:8 128:11 15:15 201:15 332:14 2007 19:3 2018 312:15 332:14 2008 533:14 2008 613 268:4 2008 613 268:4 2008 515 332:14 2008 515 332:14 2008 515 332:14 2008 515 332:19 2008 50:14 64:8 2008 232:14 2008 515 332:14 2008 515 332:19 2008 50:14 64:8 2008 232:14 2008 515 332:14 2008 50:14 64:8 2008 232:14 2008 515 332:19 2008 50:14 64:8 2008 232:14 2008 515 332:14 2008 515 332:19 2008 50:14 64:8 2008 232:14 2008 515 332:19 2008 50:14 64:8 2008 232:14 20		202 2:5,8,23	′	46 7:10	66149 2:12
20 26:9,15 80:7 205-7677 3:17 347:28 347:28 348:134:10 7 47:10 7 4	,	2020 3:20		48 253:9	68 75:8
81:22 83:6 133:9 191:16 192:6 231:5 276:14 290:10 315:4 200:203 317:3 200 2:23 213 8:14 2000 203:14 214 8:15 2000 2199:21 2000 2199:21 2000 2146:11 2000 249:17 50:16 121:1 317:3 2002 24-5641 2:8 2000 4:9 2000 4:9:17 2001 2:19 2004 13:16,21 14:13,14,19 15:16 15:22 16:13 17:11 19:15 20:1 21:19 54:3 62:5 64:8 65:13 111:4,13 199:20 201:7 2002:16 204:12 24 256:6 65:13 111:4,13 199:20 201:7 2002:16 204:12 24 336:18 25 103:10 110:19 256:13 2005 18:20 66:16 67:5 68:2,4,5,10 128:13 193:3 198:9 203:5 3000 274:9 316:22 339:11 2007 19:3 2008 233:14 2006 21:19 2007 19:3 2008 23:14 2008 21:19 2008 312:15 2008 330:19 2008 22:3 2008 22:6,8 305:15 30-year 254:9 300 23:6,8 305:15 5,000 226:11 700,000 75:1,6 70 12:15 700,000 75:1,6 70 12:25 700 21:11 700:10 57,783:4 705 1:9 31:11 272:20 28:8 10:17 71 104:4 750 12:18 700 226:11 700,000 75:1,6 70 12:25 31:11 770 110:25 31:11 770 110:25 31:11 770 110:25 31:11 770 110:25 31:11 770 110:25 31:11 770 110:25 31:21 300 24:5 300 23:6,8 305:15 5,000 226:11 700,000 75:1,6 70 10:26 71 10:44 705 1:9 31:11 771 104:4 755:125 70 12:18 70 12:18 70 10:25 70 12:18 70 10:25 70 110:44 70 10:44 70 10:44 70 10:44 70 10:44 70 10:45 70 10:25 70 11:45 70 10:25 70 10:25 70 10:25 70 10:25 70 10:25 70 10:25 70 10:25 70 10:25 70 10:25 70 10:25 70 10:24 70 10:44 70 10	,	205 8:14		480-1407 4:15	
191:16 192:6 23765-4048 3:13 21 128:7 198:11 200:20 30-year 254:9 5 5155:15 700 129:5 316:21 700 129:5 316:22 700 129:5 316:21 700 129:1 700 129:5 316:21 700	,	205-7677 3:17		484 134:10	
231:5 276:14 290:10 315:4 201:20 300 232:6,8 305:15 300 23:6 300 232:6,8 305:15 300 23:6 3		20510 2:4,8	· · · · · · · · · · · · · · · · · · ·	48674 3:21	
290:10 315:4 201:20 300 232:6,8 305:15 5155:15 5,000 226:11 700,000 75:1,6 705 1:9 31:11 2000 203:14 214 8:15 309 2:7 9:10 5.7 83:4 705 1:9 31:11 2000 203:14 2290 4:4 31 121:8 50 28:8 101:17 71 104:4 2200 2146:11 220d 213:6 31st 2:22 152:18 202:5 727:15 722:20 727:15		20705-4048 3:13			,
317:3		21 128:7 198:11			1
200 2:23 213 8:14 3050 3:6 5.7 83:4 705 1:9 31:11 2000 203:14 214 8:15 309 2:7 9:10 5/29/2011 197:15 272:20 2002 146:11 22nd 213:6 31st 2:22 15:18 202:8 101:17 71 104:4 2003 49:17 50:16 22/1320 4:4 31 21:8 5028:8 101:17 71 104:4 2003/2004 199:17 22004:9 314 2:13 4:15 5005 4:9 724 4:21 2004 13:16,21 224-4623 2:5 318 9:14 501 2:18 74 7:17 2004 13:16,21 23,111 7:7 99:2 325-5982 4:21 53703 2865 6:9 757-629 198:15 21:1 3 17:11 24,256:6 23,000 110:8 33 27+10 53703 2865 6:9 757-629-2680 5:1 25:13 111:4,13 19:15 20:1 21:19 24 256:6 24th 80:17 83:19 330 9:17 54 197:13 5:14 398:20 201:7 24,000 116:20 342-5248 2:23 35 7:20 212:8 55 12:20 76:20 79 7:18 205 18:20 66:16 67:56 8:2,4,5,10 15:14 200:8 36 7:21 274:10 36 7:21 274:10 36 7:22 27488 2:18 8:30 1:17 10:2 25-year 200:11		201:20	*		1
2000 203:14 2000s 199:21 2002 146:11 2003 49:17 50:16 121:1 317:3 2003/2004 199:17 200:15 2004 49:17 50:16 121:1 317:3 2003/2004 199:17 200:15 204-4623 2:5 21:11 7:7 99:2 224-4623 2:5 231:11 7:7 99:2 235-5982 4:21 231:11 7:7 99:2 235-5982 4:21 231:11 7:7 99:2 235-5982 4:21 231:11 7:7 99:2 235-5982 4:21 231:11 7:7 99:2 230-5982 4:21 230-10:8 330 9:17 244:11 256:6 24th 80:17 83:19 347:9 245:66 24th 80:17 83:19 347:9 244-5248 2:23 357:22 21:23 357:22 21:23 357:22 21:23 357:22 21:23 357:22 21:23 357:23 357:23 357:23 21:23 357:23 357:23 357:23 357:23 357:23 357:23 357:23 357:23 357:23 357:23 357:23 357:23 377:2	317:3	21224-6404 3:3	302 4:5	5,000 226:11	700,000 75:1,6
2000s 199:21 22 99:4 31 121:8 50 28:8 101:17 71 104:4 727:15 2002 146:11 22 nd 213:6 31 st 2:22 152:18 202:5 727:15 727:15 2003/2004 199:17 2200 4:9 31 21:8 31 21:8 50 28:8 101:17 721 104:4 727:15 727:15 2003/2004 199:17 2200 4:9 31 21:8 31 21:8 50 28:8 101:17 727:15 727:15 727:15 727:15 727:15 727:15 727:15 727:15 72219-4208 2:18 72219-4208 2:18 721 104:4 727:15 72219-4208 2:18 72219-4208 2:18 724:421 724:21 724:21 724:21 724:21 724:21 724:21 727:17 727:17 727:15 72219-4208 2:18 724:21 727:17 72219-4208 2:18 724:21 727:17 727:17 727:17 72219-4208 2:18 73:17 747:17 724:21 724:21 725:20 198:15 725:42-611 725:42-611 725:42-6119 725:15 725:42-6119 725:15 725:42-6119 725:15 725:44-6119 724:10 725:12 727	200 2:23	213 8:14	3050 3:6	5.7 83:4	705 1:9 31:11
2002 146:11 22nd 213:6 31st 2:22 152:18 202:5 72.7:15 2003 49:17 50:16 22/1320 4:4 312 5:7 6:4 280:9 316:21 72219-4208 2:18 2003/2004 199:17 2200 4:9 314 2:13 4:15 5005 4:9 724 4:21 2004 13:16,21 224-4623 2:5 318 9:14 501 2:18 747:17 2004 13:16,21 23 1:11 7:7 99:2 325-5982 4:21 516 2:4 75 75:20 198:15 19:15 20:1 21:19 23,000 110:8 33 274:10 53703-2865 6:9 757-629-2680 5:1 24 256:6 24th 80:17 83:19 347:9 54301 6:13 76161-2830 5:3 3198:20 201:7 24,000 116:20 342-5248 2:23 3572:20 212:8 550 6:3 2005 18:20 66:16 25 103:10 110:19 361-2435 6:22 3572:20 212:8 554-2276 2:13 8 66:13 19:9 203:5 316:22 339:11 25 year 200:11 361-2435 6:22 56.748:16 8010:15 122:20 2005 18:20 66:16 12:13:13,14 138:6 155:14 200:8 39 12:13 395 1:14 800 131:17 10:2 2007 19:3 25 0339:21 25 year 200:11 <td< td=""><td>2000 203:14</td><td>214 8:15</td><td>309 2:7 9:10</td><td>5/29/2011 197:15</td><td>272:20</td></td<>	2000 203:14	214 8:15	309 2:7 9:10	5/29/2011 197:15	272:20
2003 49:17 50:16 22/1320 4:4 312 5:7 6:4 280:9 316:21 72219-4208 2:18 2003/2004 199:17 220-4623 2:5 318 9:14 500 4:9 724 4:21 2004 13:16,21 224-5641 2:8 32 122:20 516 2:4 75 75:20 198:15 2004 13:16,21 23 1:11 7:7 99:2 33 274:10 53 7:12 84:15 75 75:20 198:15 21:13 17:11 23510-2191 5:11,14 23510-2191 5:11,14 23510-2191 5:11,14 24 256:6 33 274:10 53 703-2865 6:9 757-629-2680 5:1 54:3 62:5 64:8 24th 80:17 83:19 34 7:9 54301 6:13 76161-2830 5:3 77067 5:23 65:13 111:4,13 322:7 340,000 46:21 55 12:20 76:20 79 7:18 199:20 201:7 240 5:22 35 72:20 212:8 554-2276 2:13 8 200:16 204:12 2438 5:18 367:21 274:10 560-748:16 80 110:15 122:20 205:13 25 103:10 110:19 361-2435 6:22 570-2488 2:18 8:30 1:17 10:2 2005 18:20 66:16 123:13,14 138:6 155:14 200:8 39 12:13 570-2488 2:18 800 131:17 14e:9 2007 19:3	2000s 199:21	22 99:4	31 121:8	50 28:8 101:17	71 104:4
121:1 317:3	2002 146:11	22nd 213:6	31st 2:22	152:18 202:5	72 7:15
2003/2004 199:17 224-4623 2:5 318 9:14 501 2:18 74 7:17 200:15 224-5641 2:8 32 122:20 516 2:4 75 75:20 198:15 2004 13:16,21 23 1:11 7:7 99:2 325-5982 4:21 53 7:12 84:15 75 75:20 198:15 14:13,14,19 15:16 23,000 110:8 33 274:10 53703-2865 6:9 757-629-2680 5:1 19:15 20:1 21:19 24 256:6 33 9:17 54 197:13 5:14 56:13 111:4,13 32:7 340,000 46:21 55 12:20 76:20 79 7:18 197:12 198:4,7,13 24,000 116:20 342-5248 2:23 35 72:20 212:8 554-2276 2:13 79 7:18 200:16 204:12 24338 5:18 36 75:21 274:10 56-mile 69:21,22 8 8:30 1:17 10:2 256:13 25 103:10 110:19 361-2435 6:22 56.7 48:16 800 131:17 10:2 2005 18:20 66:16 123:13,14 138:6 155:14 200:8 3800 3:2 58 110:14 800 131:17 146:9 2198:9 203:5 25,000 274:9 39 12:13 39 12:13 800 5:2 800:13:17 146:9 2008 50:14 64:8 251 8:19 252-9311 6:9 <td>2003 49:17 50:16</td> <td>22/1320 4:4</td> <td>312 5:7 6:4</td> <td>280:9 316:21</td> <td>72219-4208 2:18</td>	2003 49:17 50:16	22/1320 4:4	312 5:7 6:4	280:9 316:21	72219-4208 2:18
2003/2004 199:17 224-4623 2:5 318 9:14 501 2:18 74 7:17 200:15 224-5641 2:8 32 122:20 35 5:62:4 75 75:20 198:15 2004 13:16,21 23 1:11 7:7 99:2 32 5:5982 4:21 53 7:12 84:15 75 75:20 198:15 14:13,14,19 15:16 15:22 16:13 17:11 23510-2191 5:11,14 330 9:17 54 197:13 54197:13 5514 19:15 20:1 21:19 24 256:6 24th 80:17 83:19 347:9 547 5:5 77067 5:23 55:13 111:4,13 32:7 340,000 46:21 35 72:20 212:8 554-2276 2:13 797:18 198:20 201:7 240 5:22 35 72:20 212:8 554-2276 2:13 797:18 2005 18:20 66:16 123:13,14 138:6 37 253:13 56-mile 69:21,22 80 110:15 122:20 128:13 193:3 336:22 39 12:13 39 12:13 58 110:14 296:13 2007 19:3 25,000 274:9 39 12:13 60 150:10 270:4 800 131:17 16:9 296:13 2008 50:14 64:8 251 8:19 40 122:19 315:4 600 6:8 146:13 60 150:10 270:4 816:20 815:19	121:1 317:3	2200 4:9	314 2:13 4:15	5005 4:9	724 4:21
2004 13:16,21 23 1:11 7:7 99:2 325-5982 4:21 53 7:12 84:15 75244-6119 4:10 14:13,14,19 15:16 23,000 110:8 33 274:10 53703-2865 6:9 757-629-2680 5:1 15:22 16:13 17:11 24 256:6 33 0 9:17 54 197:13 5:14 54:3 62:5 64:8 24th 80:17 83:19 34 7:9 547 5:5 77067 5:23 65:13 111:4,13 322:7 340,000 46:21 55 12:20 76:20 79 7:18 197:12 198:4,7,13 24,000 116:20 240 5:22 35 72:20 212:8 554-2276 2:13 202:16 204:12 24338 5:18 36 75:21 274:10 56-mile 69:21,22 80 110:15 122:20 256:13 123:13,14 138:6 155:14 200:8 37 253:13 570-2488 2:18 80 110:15 122:20 2005 18:20 66:16 155:14 200:8 336:22 39 12:13 580 3:2 58 110:14 198:9 203:5 25,000 274:9 25,000 274:9 395 1:14 60 150:10 270:4 81 6:20 2008 50:14 64:8 251 8:19 252-9311 6:9 274:13 297:21 60061 6:4 85 151:9,9 268:9 201:8 312:15 332:14	2003/2004 199:17		318 9:14	501 2:18	74 7:17
2004 13:16,21 23 1:11 7:7 99:2 325-5982 4:21 537:12 84:15 75244-6119 4:10 15:22 16:13 17:11 23 1:11 7:7 99:2 23,000 110:8 33 274:10 33 274:10 53703-2865 6:9 757-629-2680 5:1 54:3 62:5 64:8 24th 80:17 83:19 33 9:17 54301 6:13 76161-2830 5:3 65:13 111:4,13 322:7 340,000 46:21 5512:20 76:20 77067 5:23 198:20 201:7 24,000 116:20 342-5248 2:23 35 72:20 212:8 554-2276 2:13 2005 18:20 66:16 25 103:10 110:19 361-2435 6:22 56.7 48:16 8:30 1:17 10:2 2005 18:20 66:16 155:14 200:8 336:22 39 12:13 58 110:14 800 131:17 146:9 128:13 193:3 36:22 339:11 25,000 274:9 395 1:14 560 150:10 270:4 314:18,22 809050 4:10 2007 19:3 25,000 274:9 252-9311 6:9 274:13 297:21 60061 6:4 85 151:9,9 268:9 201:8 312:15 332:14 27th 18:9 274:13 297:21 60061 6:4 867:19	200:15		32 122:20	516 2:4	75 75:20 198:15
14:13,14,19 15:16 23,000 110:8 33 274:10 53703-2865 6:9 757-629-2680 5:1 15:22 16:13 17:11 23510-2191 5:11,14 330 9:17 333 9:19 54 197:13 5:14 54:3 62:5 64:8 24th 80:17 83:19 347:9 547 5:5 77067 5:23 77067 5:23 65:13 111:4,13 32:7 24,000 116:20 342-5248 2:23 55 12:20 76:20 79 7:18 197:12 198:4,7,13 24,000 116:20 342-5248 2:23 35 72:20 212:8 550 6:3 79 7:18 202:16 204:12 24338 5:18 36 75:21 274:10 361-2435 6:22 56.7 48:16 8:30 1:17 10:2 256:13 123:13,14 138:6 155:14 200:8 3800 3:2 56.7 48:16 122:21 314:18; 67:5 68:2,4,5,10 128:13 193:3 36:22 39 12:13 39 12:13 800 13:17 146:9 21007 19:3 25-year 200:11 25-year 200:11 4 40 122:19 315:4 600 6:8 146:13 81 6:20 201:8 312:15 262 8:21 274:13 297:21 305:15 332:19 60661 6:4 85 7:19 332:14 27th 18:9 305:15 332:19 60661 6:4 867:19	2004 13:16,21		325-5982 4:21	53 7:12 84:15	75244-6119 4:10
15:22 16:13 17:11 23510-2191 5:11,14 330 9:17 333 9:19 54 197:13 5514 76161-2830 5:3 77067 5:23 79 7:18 88 8:30 1:17 10:2 86 8:30 1:17 10:2 86 8:30 1:17 10:2 80 110:15 122:20 80 110:15 122:20 12:21 314:18,22 12	14:13,14,19 15:16	23.000 110:8	33 274:10	53703-2865 6:9	757-629-2680 5:12
19:15 20:1 21:19 54:3 62:5 64:8 65:13 111:4,13 322:7 340,000 46:21 550 6:3 57067 5:23 77067 5	15:22 16:13 17:11		330 9:17	54 197:13	5:14
54:3 62:5 64:8 24th 80:17 83:19 34 7:9 340,000 46:21 55 12:20 76:20 77067 5:23 197:12 198:4,7,13 24,000 116:20 342-5248 2:23 55 0 6:3 79 7:18 198:20 201:7 240 5:22 35 72:20 212:8 554-2276 2:13 8 256:13 240 5:22 35 72:20 212:8 56-mile 69:21,22 80 110:15 122:20 256:13 25 103:10 110:19 361-2435 6:22 56.7 48:16 80 110:15 122:20 2005 18:20 66:16 155:14 200:8 3800 3:2 570-2488 2:18 122:21 314:18,2 67:5 68:2,4,5,10 128:13 193:3 336:22 39 12:13 58 110:14 800 131:17 146:9 296:13 25,000 274:9 395 1:14 56 (60 150:10 270:4) 816:20 815 5:19 2008 50:14 64:8 251 8:19 40 122:19 315:4 600 6:8 146:13 815 5:19 817 5:4 201:8 312:15 262 8:21 274:13 297:21 305:15 332:19 6061 6:4 850-5679 5:7 867:19 332:14 27th 18:9 305:15 332:19 6061 6:4 6061 6:4 867:19	19:15 20:1 21:19		333 9:19	54301 6:13	76161-2830 5:3
65:13 111:4,13 322:7 24,000 116:20 340,000 46:21 55 12:20 76:20 79 7:18 198:20 201:7 240 5:22 35 72:20 212:8 550 6:3 8 202:16 204:12 24338 5:18 36 75:21 274:10 56-mile 69:21,22 80 110:15 122:20 2005 18:20 66:16 123:13,14 138:6 37 253:13 570-2488 2:18 122:21 314:18,3 67:5 68:2,4,5,10 155:14 200:8 336:22 39 12:13 800 131:17 10:2 128:13 193:3 336:22 39 12:13 395 1:14 56 mile 69:21,22 80 110:15 122:20 128:13 193:3 336:22 39 12:13 39 12:13 58 110:14 800 131:17 146:9 25-year 200:11 25-year 200:11 25-year 200:11 395 1:14 60150:10 270:4 816:20 128:21 136:19 252-9311 6:9 252-9311 6:9 274:13 297:21 60410 5:18 85 151:9,9 268:9 274:13 297:21 305:15 332:19 60661 6:4 867:19 867:19 27th 18:9 340,000 46:21 342-5248 2:23 554-2276 2:13 80 110:15 122:20 56.7 48:16 58 110:14 58 110:14 800 131:17 146:9 296:13 250 339:21 </td <td>54:3 62:5 64:8</td> <td></td> <td>34 7:9</td> <td>547 5:5</td> <td>77067 5:23</td>	54:3 62:5 64:8		34 7:9	547 5:5	77067 5:23
197:12 198:4,7,13	65:13 111:4,13		340,000 46:21	55 12:20 76:20	79 7:18
198:20 201:7 240 5:22 24338 5:18 36 75:21 274:10 361-2435 6:22 56.7 48:16 570-2488 2:18 122:21 314:18,2 2908 50:14 64:8 128:21 136:19 201:8 312:15 332:14 27th 18:9 27th 1	197:12 198:4,7,13		342-5248 2:23	550 6:3	
202:16 204:12 24338 5:18 36 75:21 274:10 56-mile 69:21,22 8:30 1:17 10:2 2005 18:20 66:16 123:13,14 138:6 37 253:13 570-2488 2:18 122:21 314:18,3 67:5 68:2,4,5,10 155:14 200:8 3800 3:2 58 110:14 800 131:17 10:2 128:13 193:3 336:22 39 12:13 296:13 316:22 339:11 25-year 200:11 395 1:14 60 150:10 270:4 81 6:20 2008 50:14 64:8 251 8:19 40 122:19 315:4 60410 5:18 85 151:9,9 268:9 201:8 312:15 262 8:21 305:15 332:19 60661 6:4 86 7:19 332:14 27th 18:9 305:15 332:19 60661 6:4 86 7:19			35 72:20 212:8	554-2276 2:13	8
256:13 25 103:10 110:19 361-2435 6:22 56.7 48:16 80 110:15 122:20 2005 18:20 66:16 123:13,14 138:6 37 253:13 570-2488 2:18 122:21 314:18,3 67:5 68:2,4,5,10 155:14 200:8 3800 3:2 58 110:14 800 131:17 146:9 128:13 193:3 336:22 39 12:13 395 1:14 296:13 809050 4:10 2007 19:3 25,000 274:9 25,000 274:9 314:18,22 815 5:19 2008 50:14 64:8 251 8:19 40122:19 315:4 600 6:8 146:13 815 5:19 128:21 136:19 252-9311 6:9 274:13 297:21 60515 3:8 850-5679 5:7 332:14 27th 18:9 305:15 332:19 60661 6:4 867:19	202:16 204:12		36 75:21 274:10	56-mile 69:21,22	8:30 1:17 10:2
2005 18:20 66:16 123:13,14 138:6 37 253:13 570-2488 2:18 800 131:17 146:9 67:5 68:2,4,5,10 155:14 200:8 3800 3:2 39 12:13 296:13 198:9 203:5 25,000 274:9 395 1:14 25-year 200:11 25-year 200:11 4 314:18,22 809050 4:10 2007 19:3 250 339:21 251 8:19 400 6:13 268:4 314:18,22 600 6:8 146:13 815 5:19 128:21 136:19 252-9311 6:9 274:13 297:21 60515 3:8 850-5679 5:7 332:14 27th 18:9 305:15 332:19 60661 6:4 867:19	256:13		361-2435 6:22	56.7 48:16	80 110:15 122:20
67:5 68:2,4,5,10 155:14 200:8 3800 3:2 800 131:17 146:9 128:13 193:3 336:22 39 12:13 296:13 198:9 203:5 25,000 274:9 395 1:14 60 150:10 270:4 809050 4:10 2007 19:3 25-year 200:11 4 314:18,22 815 5:19 2008 50:14 64:8 251 8:19 400 6:13 268:4 60410 5:18 817 5:4 128:21 136:19 252-9311 6:9 274:13 297:21 60515 3:8 850-5679 5:7 332:14 27th 18:9 305:15 332:19 60661 6:4 60661 6:4	2005 18:20 66:16		37 253:13	570-2488 2:18	122:21 314:18,22
128:13 193:3 336:22 39 12:13 296:13 198:9 203:5 25,000 274:9 395 1:14 6 809050 4:10 2007 19:3 25-year 200:11 4 314:18,22 816:20 2008 50:14 64:8 251 8:19 400 6:13 268:4 600 6:8 146:13 817 5:4 128:21 136:19 252-9311 6:9 274:13 297:21 60061 6:4 85 151:9,9 268:9 332:14 27th 18:9 305:15 332:19 60661 6:4 86 7:19	67:5 68:2,4,5,10	'	3800 3:2	58 110:14	800 131:17 146:9
198:9 203:5 316:22 339:11 25,000 274:9 395 1:14 60 150:10 270:4 81 6:20 2007 19:3 250 339:21 4 40 122:19 315:4 314:18,22 815 5:19 2008 50:14 64:8 251 8:19 400 6:13 268:4 60410 5:18 85 151:9,9 268:9 201:8 312:15 262 8:21 305:15 332:19 60661 6:4 86 7:19	128:13 193:3		39 12:13		296:13
316:22 339:11 25-year 200:11 4 81 6:20 2007 19:3 250 339:21 4 314:18,22 815 5:19 2008 50:14 64:8 251 8:19 40 122:19 315:4 600 6:8 146:13 817 5:4 128:21 136:19 252-9311 6:9 274:13 297:21 60410 5:18 85 151:9,9 268:9 201:8 312:15 262 8:21 305:15 332:19 60661 6:4 867:19	198:9 203:5		395 1:14	6	809050 4:10
2007 19:3 250 339:21 314:18,22 815 5:19 2008 50:14 64:8 251 8:19 40 122:19 315:4 600 6:8 146:13 817 5:4 128:21 136:19 252-9311 6:9 400 6:13 268:4 60410 5:18 85 151:9,9 268:9 201:8 312:15 262 8:21 305:15 332:19 60661 6:4 867:19 332:14 27th 18:9 400 6:13 268:4 60661 6:4 867:19	316:22 339:11	,		60 150:10 270:4	81 6:20
2008 50:14 64:8 251 8:19 40 122:19 315:4 600 6:8 146:13 817 5:4 128:21 136:19 252-9311 6:9 400 6:13 268:4 60410 5:18 85 151:9,9 268:9 201:8 312:15 262 8:21 274:13 297:21 60515 3:8 850-5679 5:7 332:14 305:15 332:19 60661 6:4 86 7:19		· ·	4	314:18,22	815 5:19
128:21 136:19 201:8 312:15 332:14 252-9311 6:9 262 8:21 27th 18:9 400 6:13 268:4 274:13 297:21 305:15 332:19 400 6:13 268:4 60410 5:18 60515 3:8 60661 6:4 867:19			40 122:19 315:4	600 6:8 146:13	817 5:4
201:8 312:15 332:14 27th 18:9 274:13 297:21 305:15 332:19 60515 3:8 60661 6:4 867:19			400 6:13 268:4	60410 5:18	85 151:9,9 268:9
332:14			274:13 297:21	60515 3:8	*
27th 10.7			305:15 332:19	60661 6:4	86 7:19
41 257:2 608 6:9 87 15:19 62:8		411-3000 J.O			
				<u> </u>	<u> </u>

			rage 377
874-8076 5:23			ı l
9			
90 80:5 129:17			
90s 197:14			
900 3:16			
908 6:22 920 6:14			
961051 5:2			
972 4:11			
98 7:22 986-0214 3:13			
989 3:22			
992-4221 4:5			
	I	l	ı

<u>C E R T I F I C A T E</u>

This is to certify that the foregoing transcript

In the matter of: Competition in the RR Industry

Before: STB

Date: 06-23-11

Place: Washington, DC

was duly recorded and accurately transcribed under my direction; further, that said transcript is a true and accurate record of the proceedings.

Court Reporter

Mac Nous &

230158 399

BEFORE THE SURFACE TRANSPORTATION BOARD

STB Ex Parte No. 705

COMPETITION IN THE RAILROAD INDUSTRY

TESTIMONY OF AMEREN CORPORATION

ENTERED Office of Proceedings JUN 2 0 2011 Part of Public Record

James A. Sobule **Ameren Corporation** 1901 Chouteau Avenue St. Louis, MO 63103 314.554.2276 314.554.4014 (fax)

Sandra L. Brown Thompson Hine LLP 1920 N Street, N.W., Suite 800 Washington, DC 20036 202.263.4101 202.331.8330 (fax)

Attorneys for Ameren Corporation

BEFORE THE SURFACE TRANSPORTATION BOARD

)	
AMEREN CORPORATION)	
)	Ex Parte 705
Competition in the Railroad Industry)	
)	
)	

TESTIMONY OF AMEREN CORPORATION

Good morning, Chairman Elliott, Vice Chairman Begeman and Commissioner Mulvey.

My name is James A. Sobule, and I am Vice President and Deputy General Counsel for Ameren

Services Company, a subsidiary of Ameren Corporation which I will refer to as "Ameren."

Ameren Services Company provides legal and other services to all of Ameren's affiliates

including its generating affiliates, and therefore represents all such affiliates with this Testimony.

In response to the Board's January 11, 20011 decision, Ameren filed comments in this docket on April 12, 2011. Ameren is testifying today in response to the Board's decision to conduct a public hearing on competition in the railroad industry. On behalf of Ameren, I would like to thank the Board for taking comments and holding a hearing on competition in the railroad industry.

Ameren Corporation is a public utility holding company headquartered in St. Louis, Missouri and provides energy service to 2.4 million electric customers and 1.0 million natural gas customers. Ameren's subsidiaries have an electric generating capacity of 16,400 MW and generate 85% of its electricity from coal. Ameren's operating subsidiaries collectively own eleven coal fired generating stations.

Ameren is the 5th largest consumer of coal in the United States, consuming approximately 39 million tons annually, and is the largest purchaser of Powder River Basin Coal. As a result, Ameren is a very large shipper of coal by rail, operating approximately 55 trainsets in continuous service, and spends approximately \$650 million annually on rail transportation.

Ameren began spending millions of dollars converting its power plants from high sulfur Illinois Basin coal to low sulfur Powder River Basin coal in the early 1990's in response to the Clean Air Act. While the Powder River Basin is roughly ten times further from Ameren plants than the Illinois Basin coal fields, the competition among railroads at that time provided competitive rail rates that resulted in the use of Powder River Basin coal being more economical than using Illinois Basin coal with the required emission controls.

As Ameren expanded its use of Powder River Basin coal, the rail rates continued to drop as a result of competition between the western rail carriers until about 2004. At that time, there was a marked change in the competitiveness of the western rail carriers which resulted in rates dramatically increasing.

Prior to 2004, Ameren found that the western carriers were interested in securing additional business and would compete vigorously to maintain or be awarded new traffic. Rail rates gradually decreased from the time that Ameren commenced using Powder River Basin coal in 1990 largely due to the non-incumbent competing railroad taking contracts as they came due by offering lower rates, or the incumbent carrier reducing its rates to keep the business. As shown on the graph in our written testimony, Ameren's rail rates increased dramatically after 2004.

Starting in 2004, Ameren found a very different competitive environment among the western railroads. Railroads appeared to be no longer interested in acquiring coal traffic that was already being hauled by a competing carrier. In every instance from 2004 to 2010 when Ameren issued bids for rail rate quotes for their UP and BNSF competitive rail-supplied plants, not a single one of the plants primarily using Powder River Basin coal at the time changed carriers as a result of these requests for new rates. In other words, the railroad that was shipping the Powder River Basin coal at the time of contract renewal retained the business. The non-incumbent railroad, at the time of the quote or pricing tariff, quoted a rate, on average, that was 43% higher than the rate of the incumbent railroad.

Because the non-incumbent rate or pricing tariff, on average, was 43% higher than the incumbent rate, the incumbent railroad rate was able to consistently impose a substantial increase from the prior rate. Through the period 2004-2010, the incumbent carrier was able to propose rate increases to Ameren that were up to an 87% increase at contract renewal.

Another phenomenon which began occurring after 2004 was what Ameren terms "non-responsive bidding." These are carrier responses to rate requests which clearly indicate that the carrier is not interested in the business. This type of bid includes no responses, responses which impose extreme one-sided contract conditions which make the quote unacceptable, or varying from Ameren's material bid parameters. During the 2004 to 2010 timeframe, Ameren received five non-responsive bids of these types.

Another type of non-responsive bid is the refusal to quote to a non-physical point. Prior to 2004, Ameren was very active in building and acquiring competitive rail access to its power plants. Ameren has fully supported self-help measures and shipper investment in the rail

transportation infrastructure to assist in fostering alternative opportunities for fuel transportation. In fact, Ameren believes it has been one of the most active shippers in undertaking such self-help measures. Since 1990, Ameren constructed four build-outs at plants to allow second rail carrier access, and also formed three short line railroads. Ameren also purchased a rail line and built barge facilities to allow competitive access to three additional plants. These facilities were often built by obtaining a favorable rate prior to construction from the competing carrier which justified investment in physical facilities. However, after 2004, Ameren found that both western carriers had adopted the policy of not quoting to "non-physical" points. In other words, railroads would not quote a rate if the physical track had not already been constructed. This further stifled competitive alternatives as a shipper is unlikely to invest in new facilities if the rate at the connection is unknown. During the 2004 to 2010 timeframe, Ameren received three non-responsive bids of this type.

I also want to respond to a few comments made in the May 27 reply comments. The UP stated that shippers have stopped pursuing build-outs because they believe the Board will provide regulatory benefits at a lower cost than a build-out. I can state emphatically that is not the reason that Ameren stopped pursing build-outs. UP's reply comments also addressed the Duck Creek build-out, which as the Board is aware, Ameren built in 2005. While the UP did receive some traffic after the build-out was completed, the UP refused to quote a rate until the physical turnout was installed. Then in 2007, Ameren had to fight to protect its build-out investment at Duck Creek in a proceeding before the Board when the BNSF sought to undermine Ameren's benefits of this build-out by leasing the BNSF track to the same carrier to which the

¹ "In other words, if coal shippers are not pursuing viable build-outs, it is because they believe the Board will provide benefits through regulation at a lower cost than if they follow a marketbased approach and construct a new line." UP Reply Comments at page 11.

build-out was made. Fortunately the Board agreed with Ameren and prohibited the proposed railroad transaction.²

Ameren would also like to provide its experience in relation to BNSF's witness statement that "assertions of some coal shippers ... that after 2004 no coal business has shifted between BNSF and UP are categorically false." Obviously, Ameren cannot speak for all shippers and I cannot view UP's highly confidential material submitted in this case. However, Ameren's experience is that from 2004 to 2010, Ameren issued bids for rail rate quotes for ten of its competitive rail-supplied plants and not a <u>single</u> one of these plants changed carriers as a result of these requests for new rates.

In addition to the increases in rates, the railroads began imposing fuel surcharges.

Ameren has since filed comments in the STB proceeding on Rail Fuel Surcharges in Ex Parte

661. And, Ameren still believes that diesel fuel surcharges, in combination with the fuel amount imbedded in rates, are allowing for over recovery of fuel costs for the railroads.

Ameren also notes that both UP and BNSF addressed as part of their reply comments that no regulatory changes are needed because shippers who believe that they are being charged unreasonable rates have an avenue of relief at the Board.⁴ This is exactly what Ameren would

² STB Finance Docket No. 34974, Keokuk Junction Railway Company D/B/A Peoria and Western Railway – Lease and Operation Exemption – BNSF Railway Company; STB Finance Docket No. 34918, Keokuk Junction Railway Company D/B/A Peoria & Western Railway – Lease and Operation Exemption – BNSF Railway Company Between Vermont And Farmington, IL, STB served December 6, 2007.

³ BNSF Reply Comments, Verified Statement of John Lanigan at 13.

⁴ "[S]hippers can seek relief if they believe that their rates exceed a reasonable maximum." UP Reply Comments at 5. "If a shipper believes that it is being charged an unreasonably high rate

like for all shippers, including Ameren at its plants where it has invested in self-help infrastructure investments such as build-outs or barging facilities- the right to have a backstop of relief at the Board to challenge unreasonable rates.

Ameren respectfully offers the following suggestions for alternative policy at the STB:

- Competitive shippers are currently not protected by STB statute under the assumption that competition among carriers will protect shippers with competitive options.
 However, since 2004, this has not been the case, as competitive shippers rates have often approached or surpassed the 180% of variable cost jurisdictional threshold set for captive shippers. The STB should move to interpret the statute so that if any rate exceeds this threshold, that rate prima facia demonstrates that there is a clear lack of effective competition and can be challenged under the STB rate guidelines.
- 2. The bar for revenue adequacy is currently set too high to provide meaningful guidance to rail rate issues. This is demonstrated by the fact that railroad financial performance, and stock price have remained high despite the recession. Privatization of BNSF is another indicator of railroad financial success.
- Railroad fuel surcharge recovery should be transparent. The STB should use the cost
 data collected from the railroads to determine if fuel surcharges are allowing accurate
 recovery of the railroads fuel costs.

Thank you again, Chairman Elliott, Vice Chairman Begeman and Commissioner Mulvey, for the opportunity for Ameren to provide testimony today on competition in the railroad industry.

for the through service it receives, then its remedy lies in the Board's rate reasonableness standards." BNSF Reply Comments at 7.

BEFORE THE SURFACE TRANSPORTATION BOARD

Ex Parte No. 705

COMPETITION IN THE RAILROAD INDUSTRY

ENTERED Office of Proceedings

JUN 2 1 2011

Part of Public Record

TESTIMONY OF CURT H. WARFEL AKZO NOBEL INC.

On Behalf Of

230175

THE NATIONAL INDUSTRIAL TRANSPORTATION LEAGUE

I. INTRODUCTION

Chairman Elliott, Vice Chairman Begeman, and Commissioner Mulvey, I am Curt Warfel, Sourcing Manager for bulk transportation for Akzo Nobel Inc.'s North American operations. I am here today on behalf of The National Industrial Transportation League, the nation's oldest and largest organization of shippers. Accompanying me is Ms. Karyn Booth, the League's General Counsel.

The League represents approximately 600 member companies that range from some of the largest to the smallest users of the nation's transportation systems. Rail transportation is vitally important for many League Members and especially for those who ship chemicals, petroleum, agricultural, cement, and paper and forest products. Some of our Members are "captive shippers" operating facilities or shipping to customers that have access to only a single rail carrier. I am very familiar with the rail competition issues that are most important to the League's members, as I have been a member of the League and its Rail Committee for 25 years. I also served as Chairman of the Rail Committee from 1998-2001; served on the League's Board

of Directors from 1998 to the present; and acted as the Chairman of the League's Board of Directors from November 2006 to November 2008.

The League applauds the Board for its willingness to evaluate the effects of dramatic reductions in rail competition over the past decades, and for considering whether changes to its current policies are needed to increase competitive rail service to sole-served shippers.

II. SUBSTANTIAL CHANGES IN THE RAIL INDUSTRY

A. Loss of Rail Competition

It is beyond dispute that the railroad industry looks and operates very differently today than it did 25 years ago when the Board adopted its competitive access policies. Bankruptcies and mergers have left just 7 Class I railroads operating today, with four dominating the industry. This major structural change has provided the railroads with substantial market power over their captive customers, and resulted in steadily rising freight rates and mediocre service for many such companies.

A survey of NITL rail shippers showed our members faced rates up to 50% higher at captive facilities than at dual-served facilities. For a number of reasons, these captive companies cannot readily shift their traffic to other modes of transport. Thus, even during our recent recession, captive shippers were forced to endure rising rail rates, despite depressed freight volumes. Year-after-year rate increases prevent rail-dependent companies from competing effectively against their domestic competitors and thwart efforts to increase exports, negatively impacting job creation in the U.S. Although a shipper may file a rate case at the Board in the hopes of achieving reduced rates, for most, this is not the preferred solution. Rather, the League believes that rail rates should be established by a competitive marketplace and not the government. This view mirrors the policies in the Staggers Act to "minimize the need for Federal

regulatory control" and "to allow, to the maximum extent possible, competition and the demand for services to establish reasonable rates for transportation by rail."

The lack of sufficient competition allows railroads to raise rates unchecked, for the most part, and to dictate contract terms to their customers. Although many League members use rail contracts, the railroads often are unwilling to engage in meaningful negotiations. Illustrative of their dominant market position, many railroads simply present shippers with "take it or leave it" terms.

B. Changes in the Railroads' Financial Health

Over the past 30 years, the freight rail industry has also transformed itself into one of the most prosperous industries in America, as noted in both the 2010 Senate Commerce Committee's Report on the railroad industry, and the 2009 *Fortune* magazine article ranking railroads fifth on their list of the "most profitable industries." In fact, nothing demonstrates the financial success of the railroads better than the purchase of the BNSF Railway by Berkshire Hathaway.

This Board has asked whether the competition policies created in the mid-1980s are able to effectively address the dramatic losses in rail competition that have occurred in our nation; and whether those policies have swung the pendulum too far in favor of the railroads' need to earn adequate revenues. For the League, the answer is clear: The Board's policies have not and cannot function to fulfill the pro-competitive mandates of the Staggers Act. The simple fact is that <u>no</u> shipper has ever obtained competitive access under the Board's rules.

III. CHANGES IN THE STB'S COMPETITION POLICIES

So what policy changes should the Board make? Despite the railroads' attempts to mischaracterize the League's and other shippers' positions, we do <u>not</u> desire radical open access remedies nor do we desire change that would return the railroads to a state of financial weakness.

As rail customers, we understand that the carriers need to remain vibrant and healthy and to earn revenues that will permit them to reinvest in their networks. The railroads, on the other hand, have distorted the shippers' positions as extreme, and presented doomsday scenarios if there is any-policy-change.

The Board has asked parties to put aside their rhetoric and to present specific recommendations that will help guide the Board in solving today's problems. The League is ready to assist you and here is how.

We recently surveyed our diverse Rail Committee members to determine what competition policies are most important to their company, and what policies should be changed by the Board. They responded that greater access to reciprocal switching and changes to the Board's bottleneck rule would help their companies achieve more efficient, reliable and cost-competitive rail transportation and improve their ability to compete. Changes to reciprocal switching policies were rated as most important.

The League's captive rail shippers want to increase their access to a second rail carrier, while still respecting the railroad revenue policies of the Staggers Act. However, given that the Board's present competitive access rules have failed to provide <u>any</u> captive shipper with <u>any</u> access to competition, we believe the Board should open a proceeding promptly after this hearing for the purpose of developing new, administratively simple reciprocal switching rules that would provide for competitive access, where appropriate.

The League also supports the other recommendations set forth in its opening comments and the Joint Comments of Interested Shipper Parties, including that the Board should open one or more future proceedings regarding bottleneck rates and merger conditions, among other potential policy changes.

IV. CONCLUSION

The time has come for this Board to modify its policies to make them more current, relevant and responsive to the competitive challenges affecting today's railroad marketplace.

The League stands ready to assist you. Thank you for allowing me to provide this testimony on behalf of the League, and I would be happy to answer any questions you may have.

230272

BEFORE THE UNITED STATES SURFACE TRANSPORTATION BOARD

STB DOCKET # EP 705

COMPETITION IN THE RAILROAD INDUSTRY

ENTERED Office of Proceedings

JUN 22 2011

Part of Public Record

PUBLIC HEARING SCHEDULED

FOR JUNE 22nd and 23rd, 2011

WRITTEN TESTIMONY OF

Mr. ERIC S. STROHMEYER

VICE PRESIDENT, COO

CNJ RAIL CORPORATION

WRITTEN TESTIMONY OF

ERIC S. STROHMEYER

Good Afternoon, My name is Eric S. Strohmeyer. I am the Vice President, and COO of CNJ Rail Corporation, a small NJ based transportation firm. I have been blessed to have been able to have appeared previously before the Board on numerous occasions, and I am grateful to have the opportunity to appear before you again today.

It was my original intent to not participate in this proceeding today. Why? I felt strongly that the positions stated in the American Short-line and Regional Railroad Association's comments where more than adequate to express my principle concerns with the Board's inquiry into the status of competition in the railroad industry. In short, I certainly wish to adopt all the positions they, and the other ASLRRA presenters, took in this proceeding. While I might have gone a tad bit further in talking about the principles they brought to the Board's attention, I felt their stated positions were certainly adequate enough to address all of my concerns.

In addition, I have been heavily involved in some litigation¹ in the US Bankruptcy Court for the District of Maryland in Baltimore, which has taken up a large amount of my time. I have also been preparing our organization for CNJ Rail's return to active railroading, as we are finishing the agreements which will soon lead to a filing of a Petition for Exemption² with this Board for permission to acquire and operate a line of railroad in our home state of New Jersey. In short, I just didn't feel I'd have had the time to really address the issues the Board was seeking comment on.

¹ See James Riffin, Debtor, Case No. 10-11248-DER (Chapter 7)

While not yet filed with the Board, a petition for exemption is expected to be filed in July of 2010.

The following docket number was reserved and the petition is currently being prepared:

STB Docket # FD 35527- Central Railroad Company of New Jersey, LLC - Notice of Exemption - Acquisition and Operation Exemption - Valstir, LLC - In Middlesex and Union Counties, New Jersey.

So what changed so much that I felt a desire to talk to you directly? As I spent the better portion of this past weekend reading the many pleadings of the various interested parties, I began to notice the arguments breaking into two categories, neither of which seemed to address the concern that I felt the Board really wanted to get to. It wasn't until I read the oral argument exhibit of High-Roads Consulting that my old "shipper's agent" hat started to look really good to wear to this proceeding. In short, I found the point in which I wanted to address with you today.

The two positions

In short, there appears to be two simple positions. The first group appears to advocate for no changes at all in the current regulatory scheme. In various ways, and for various reasons, the first group appears to argue the system is not flawed, and all should be left alone. The second group, appearing to be lead primarily by captive shippers fed up with paying higher rates, who seem to be advocating that the Board undo years of regulatory policies and decisions in order to provide them some relief from what they feel to be excessive / oppressive rates.

For a number of years now, a significant amount of time and effort was put into a concerted push by certain shipper organizations to effect change to the way railroads are regulated by seeking new Congressional legislation. Many of the those same shipper groups are participating in today's hearing. In the later part of the last decade, these groups vigorously lobbied Congress for change. The American Association of Railroads (AAR) and others vigorously lobbied against the proposed changes. Legislation actually got introduced that might have led to changes. However, that legislation never got passed.

When Congress failed to act

In 2010, the voters in the country appeared to have signaled they wanted change in Washington. The election that year produced the current Congress, with both houses split, Republicans controlling the House, and Democrats controlling the Senate.

What is the correlation between the election and this proceeding?

It appears to CNJ that any hope of railroad regulatory reform (or re-regulation, as the AAR would have all believe) would appear to be incapable of getting approved in one house, or the other. The result? A stalemate, for lack of a better word, between those that want re-regulation, and those that don't. This Board, appearing to react to the potential impasse, appears to be investigating ways that the Board itself, if possible, might be able to address certain matters that the previous Congress was thinking about, but failed to act upon, before the 2010 elections.

Prior to 2010, legislation which was previously contemplated, appeared to possibly alter the regulatory framework for dealing with railroad rate and other competitive access issues. Advocates for railroad regulatory reform were lead primarily by former House member - the Honorable James Oberstar (D-MN), and the Honorable Sen. John Rockefeller (D-WVa), in the Senate. The Board appears to be analyzing whether or not it can effect some of those changes previously contemplated by Congress. In certain circumstances it may very well be able to do so. However, I do feel the executive branch should not legislate, just as I feel the legislative branch should not administer the day to day operations of the country. I would simply ask that the Board clarify its motives and refrain from attempting to legislate.

I would simply like to point out to the Board that I do believe this agency can, in fact, do a lot more than it does within the current regulatory scheme. While I applaud the current policy of reviewing Board policies, I want to make sure the Board does not react to the wrong problem. In short, any change, especially those made in a vacuum, can produce unintended results which can be disastrous. At this point, the changes being proffered, if acted upon, would be disastrous to the rail industry.

In looking at the specific questions that the Board posed in its request for comments in this proceeding, it appears that the Board is also contemplating implementing a few of the changes suggested in the Board's recent study produced by the Christensen Associates, Inc. While those changes appear small, they can be truly devastating to small railroads if implemented haphazardly and without regard to real market power abuses. There is also doubt that those same changes would produce better results for shippers when the two carriers involved are both Class 1 carriers.

What CNJ Rail believes to be the real issue that the Board should be addressing at this time is not competition in the rail industry, but rather performing an adequate study and analysis of the market power of Class 1 rail carriers. In short, as stated by the ASLRRA, the small carriers have no market power what so ever. There are many ways to reduce and curtail any market power a small carrier may have. However, the same can not be said for today's Class 1 railroads. Class 1 railroad's today, may in fact, have no real competition effectively able to curtail the railroad's market power. In addition, very few competing modes have the ability to compete with the railroads in many areas and for certain commodities there is no road, but the railroad.

What is the "true" market power of today's Class 1 railroads?

The stated purpose of this proceeding is to analyze competition in the railroad industry. This concept is a noble goal, but it may not be possible to ever achieve true "competition" in the rail industry. Consolidation in the rail industry has reduced the number of Class 1 carriers to just 7 carriers in total. Two carriers, Union Pacific, and BNSF Railway, cover two thirds of the nation with their respective rail properties. It would be virtually absurd to believe a third Class 1 carrier could ever be constructed from scratch to compete effectively with either of the western carriers. Trying to thread a new carrier through the east would also be extraordinarily difficult as well. With fuel costs rising, and numerous recent changes to Federal regulations regarding the trucking industry, there can be no doubt that the ability to curtail and restrain the market power

of Class 1 railroads by competition alone grows dimmer by the minute.

One person, who ironically was in a position to do something about the state of competition in the rail industry, produced one of the most blistering public commentaries on the idea of "competition" in the rail industry this presenter can recall hearing. Stating his belief that the idea of competition in the rail industry was the equivalent of "indulging in legal fiction", then STB commissioner W. Douglas Buttrey's commentary at the public hearing marking the completion of the Christensen study was actually quite surprising. Since the opening remarks from that hearing encompass 5 pages, I have included a copy of the transcript of his remarks, in its entirety, because I feel they do reflect the current state of competition, or lack there of, in the rail industry. (See Exhibit #1)

While the Christensen study was truly comprehensive, its purported focus was on the state of competition in the rail industry. I felt the study lacked enough statistical data however to lead this Board toward reaching a complete understanding of the strength of the Class 1 railroads market power that exists today. While the Board seems to be toying with the idea of implementing some of the minor changes suggested in the report, I would like to direct the Board's attention to the following areas of the study I feel need to be addressed first, before trying to levy disastrous new regulations on the railroad industry.

The Christensen Study

This Board is certainly well aware of the findings and conclusions the study makes. I just wanted to point out a couple of critical points it made that seemed to have gotten lost in this proceeding. While I do admit I was not the best student of mathematics in school, I certainly was able to understand the implications of this one finding. The study found:

The ratio of revenue to URCS variable cost (R/VC) is weakly correlated with market structure factors that affect shipper

"captivity," and is not a reliable indicator of market dominance. (Emphasis added)

I am not going to profess here today I understand completely just how URCS works. I will admit I have publicly referred to URCS as "voo-doo mathematics" for the Class 1 railroads. However, I'm not so ignorant that I do understand that this agency, as well as the ICC before it, relies very heavily on URCS in analyzing a wide variety of critical commercial transactions which are necessary to protect the shipping public from abuse, as well as other critical computations needed to administer proper oversight of the nation's rail network. In short, its very important. Having said that, when a study, commissioned by this Board, finds that a portion of the URCS formula "is not a reliable indicator of market dominance", it catches my attention.

In addition, one Board member, ever since he was appointed to this Board, has repeatedly, for well over five plus years, stated his belief that URCS needed to be updated. Commissioner Mulvey has long appeared to have been the only champion of that cause on this Board. There can be no doubt of the importance of URCS to this Board. It is a critical component to many functions the Board undertakes in order to determine critical market power issues. All of this leads into my next question:

How can the Board start making changes to the competitive landscape without fully addressing completely the issue of market power first?

In short, I can't help but feel that we may in fact be putting the cart before the horse if we start making changes to the competitive landscape without addressing the market power questions first. The Christensen study, recalling an earlier GAO report made the following statement in its executive summary I thought was interesting. It said:

While the GAO posed the question of whether recent

performance of the U.S. freight railroad industry is indicative of "a possible abuse of market power," our analysis provides evidence on whether there has been a change in the exercise of market power by U.S. railroads. By definition, the setting of price above marginal cost is what economists consider to be an exercise of market power, but exercise does not imply abuse. To address the question of whether there has been an "abuse of market power" would require judgments as to the fairness of the distribution of value between the railroads and the shippers, and on the distribution of the overhead cost collection among the shippers. These judgments are policy questions and not resolvable through economic analysis alone. Instead, we have answered the economic questions of the extent to which recent railroad pricing behavior reflects changing cost conditions, and the extent to which it represents an increase in the overall exercise of market power. Furthermore, our analysis sheds light on how recent railroad pricing behavior has shifted the burden of overhead cost collection among the different sets of shippers. (Emphasis added)

It would appear to this mathematically challenged individual that market power determinations may in fact be subjective, more than analytical, and would therefore require a lot more input into determining what appropriate balance might need to be struck between the competing sides. In addition, where issues become more subjective, it might be appropriate to consider such issues on a case by case basis. However, there is a significant downside to that approach. Without developing first a clearly stated policy for dealing with market power issues, future decisions of this Board could become quite arbitrary and capricious. In short, relief could be granted in one place, and not in another, yet the facts may be virtually identical. Add in the whims and politics of Washington DC and there can be no doubt that any changes, without a clear policy, will be fodder for legal challenges for years to come.

Without addressing the policy questions of how to address market power issues first, any changes made today to enhance competition, however minor, just are not appropriate at this time. In addition, if a critical tool (URCS) this Board uses is found not to be adequate enough to determine market dominance, how can the Board determine if a competitive remedy is even necessary with any degree of assurance?

It's not a lack of competition, it's the early signs of abuse of market power

As I mentioned earlier in my testimony, I was not planning on participating in today's hearing. However, as I read the various pleadings of both High Roads Consulting and the Wisconsin Central Group, I couldn't help but notice the issues they were raising. They refer to it as a lack of interest in "competing" for business. Their issues are not competition issues. They are market access and market power issues. It is those very issues that this Board must be vigilant in recognizing and remedying. I am seeing a lot more of these issues being raised in a larger number of pleadings before this Board.

I have seen for myself Class 1 railroads intentionally raising prices to push certain traffic out of the marketplace. For short-lines, the single carload shipper is their bread and butter. They have long enjoyed this traffic. It is essential for them to maintain this traffic. Yet, they watch the traffic they fought so hard to capture return back to trucks because the Class 1 carriers have made a number of strategic decisions to pursue other opportunities and forgo this traffic. This is beginning to lead to shipper resentment. Even the larger shippers are feeling these issues with the Class 1's.

I want to re-emphasis this point. These issues are not competition related issues. Its **MARKET POWER** driven. For many shippers, they appear to be misinterpreting the Class 1's refusal to handle their traffic as a competition issue. IT IS NOT. It is an abuse of market power and on this issue, the Board needs to be quite clear.

I absolutely urge the Board to make the following statement to all the Class 1 carrier's. Instruct them to HANDLE ALL THE TRAFFIC reasonably presented to them and stop playing games. It is my opinion that 99.9% of all the issues related to railroad re-regulation will disappear the minute the Class I carrier's either fully recommit themselves to handling loose car freight or this Board swiftly moves to punish those carriers that do not fulfill their common carrier obligations to move such freight.

In addition, I do want to urge the ASLRRA to wake up and take a stronger stand against the Class 1's when it comes to allowing the Class 1's to continually run off their members bread and butter traffic. We, the small railroad industry are small ourselves. We do a great job serving the small market shipper. The more small shippers start complaining to Congress about the Class 1's refusal to handle their traffic, the more likely disastrous re-regulation will occur. I can appreciate my fellow short line companies desire to work with their Class 1 partners, but there comes a point in time when you have to put your foot down and question the wisdom of certain decisions of the Class 1's, especially when they turn you into a one or two customer railroad because they, the Class 1's, only want to deal with your largest customers and the rest be dammed.

Course of action the Board should take

It is the opinion of this presenter today that before the Board considers any changes to enhance competition, it should first adequately study, and determine the extent and form of the Class 1 carriers market power. Reiterating the question asked earlier, how can the Board say that changes to competition need to be made, without first determining the scope and extent of the Class 1 carrier's market power?

It should be fairly obvious that today's Class 1 railroad's indeed have tremendous market power. It is also fairly obvious today that motor carrier transportation is experiencing considerable upward pressure on their costs. Waterway transportation service options are only

421

available in certain parts of the country. Air transportation is not a viable option for many

shippers. As a result, there can be no doubt that today's Class 1 railroads' market power is

considerable. Interestingly, it was recently brought to the Board's attention in a couple of high

profile abandonment cases that a couple of Class 2 rail carrier's may in fact have some limited

market power as well. However the vast majority of small railroads have no market power what

so ever.

While some of the shippers today have made a number of compelling cases that there are

issues in the rail industry, a fairly large number of them are really complaining about abuses of

market power, not necessarily a lack of adequate competition. Many of the shipper respondents

scem to be directly pointing a finger at the Class 1 railroads. It is my hope, that this Board

decides not to implement those minor little changes proposed in the Christensen study, but rather

decides to tackle the tough job of determining the extent and scope of the Class 1 carrier's true

market power. Only then can a true dialogue about competition and rate relief be had with all the

stake holders.

I thank the Board for the opportunity to speak with you today.

On Behalf of CNJ Rail Corporation

<u>Eric S. Strohmeyer</u>

Respectfully Submitted by

Eric S. Strohmeyer

Vice President, COO

CNJ Rail Corporation

Dated: June 21st, 2011

Page 11

Written Testimony of

Eric S. Strohmeyer

STB Docket # EP 705

Competition in the Railroad Industry

EXHIBIT #1

U.S. DEPARTMENT OF TRANSPORTATION

+ + + +

SURFACE TRANSPORTATION BOARD

+ + + + +

STUDY OF COMPETITION IN THE FREIGHT RAILROAD INDUSTRY

PUBLIC MEETING

+ + + + +

+ + + + +

THURSDAY,
NOVEMBER 6, 2008

The meeting was convened in the first floor hearing room at 395 E Street, SW, Washington, D.C. at 10:00 a.m., Charles Nottingham, Chair, presiding.

+ + + + +

SURFACE TRANSPORTATION MEMBERS PRESENT:

CHARLES NOTTINGHAM, Chairman FRANCIS MULVEY, Vice Chairman W. DOUGLAS BUTTREY, Commissioner

PANELISTS:

MARK MEITZEN, Christensen Associates, Inc. KELLY EAKIN, Christensen Associates, Inc.

TABLE OF CONTENTS

Speaker	Page
Opening Remarks	
Chairman Nottingham	3 8 9
Overview of Report	
Dr. Meitzen Dr. Eakin	16 20
Questions	58
Closing Statement	
Chairman Nottingham	150
Adjourn	

to replicate what you've done and check it can do so. Everything is laid out, including all the econometric methodologies of how things were done, and the results. It's just a first class piece of work, so I want to thank you.

And with that, I'll turn it back over to you, Mr. Chairman.

CHAIRMAN NOTTINGHAM: Commissioner Buttrey.

COMMISSIONER BUTTREY: Thank you, Mr. Chairman. Good morning, everyone. The long awaited Christensen Association study competition of the freight rail industry is on the street and I might add that it's so popular it's also available in DVD already, so you can it get it either way.

Those working on the study should be commended for documenting an impressive number of interview responses and producing some very interesting graphic presentations. While I had no input into the study, I have read the Executive Summary and appreciate the effort that

went into its completion. In fact, I think it is quite remarkable.

with this in mind and while I have a somewhat captive audience, I thought I might share some purely personal thoughts about the presumed subject of the study. In my humble opinion, the thought of a study conducted to look into the state of competition in the freight rail industry strikes me as almost humorous.

Now, why is that you say? Because in my view to say that there is or is likely to be competition, real classical competition in the freight rail industry, is to indulge in a legal fiction. The fact is that freight rail has become so efficient that it has virtually no effective competition.

So we're presuming to study something that essentially in my view doesn't exist. Only in Washington would we be studying something that does not exist. This is one of the reasons why the Christensen study is so remarkable to me.

We actually have before us a document

whose unstudied conclusion is that the subject of the study does not exist. Are we in New Mexico?

The basic conclusions I have drawn from the study are three.

That competition in the classical sense does not exist in the current freight rail industry and when there is market dominance there is the potential for misbehavior in the marketplace. And when there is misbehavior there should be an accessible process to address that misbehavior.

That process resides here at the Surface Transportation Board. In a perfect world, there would be no need for the STB, but we do not live in a perfect world. And as the Austrian economists, often quoted economist, Joseph Schumpeter, warned, "There is always the temptation for monopolies to act like monopolies."

So what is monopolistic behavior?

Mr. Justice Potter Stewart was once asked,

"What's hard core pornography?" He responded by

saying, "Well, it's hard to define, but I know it when I see it."

So when is monopolistic behavior in the rail industry? Well, there are a lot of folks running around town who say they know what it is and they've seen it and someone needs to stomp it out before it spreads, like Smokey Bear stomping out a forest fire.

But they have another name for it and that name is "profit," but profit is not a bad word. How much profit is enough? How much capital investment is enough? How much in dividends is enough? How many dedicated railcars is enough? How much liability limitation is enough? How many customers on the line is enough? How much coal or grain or intermodal traffic is enough?

Do we really want the Congress answering these questions? I don't think so. I think a lot of folks are asking the wrong question. The question is not how do we get more competition, it's how do we get more

NEAL R. GROSS COURT REPORTERS AND TRANSCRIBERS 1323 RHODE ISLAND AVE., N.W. WASHINGTON, D.C. 20005-3701

infrastructure and more efficiency where we need it and thereby get better results for everyone?

So how do we get better results?

Well, one answer is this. We have a process at
the Surface Transportation Board where applicants
can come in and get authority to build a new rail
line to compete with existing rail line.

And I can assure you that any entity that avails itself of that process will get a fair hearing. That is not pie in the sky. It is reality evidenced by recent Board actions.

The regulatory barriers to entry are minimal and there are not regulated rates of return like those in other regulated industries.

Is that a feasible answer to the lack of competition in the freight rail industry?

Perhaps, although the cost is high.

Short of that, I would suggest that the parties who feel they are aggrieved by monopolistic behavior, that is market dominate behavior, would be much better off working together with their rail partners for the common

good rather than conducting guerilla warfare, which is just dilutes everyone's financial resources and energy.

But, of course, the problem is that the rail competition issue has been very good business for lobbyists. The patient never dies and it never gets well. On the other hand, I'm beginning to sound like an economist, there is a process in place at the STB.

It is being used and it is working.

If you are a shipper that has problems with your rail provider that cannot be worked out through private negotiations, come see us. Of course, if you are happier spending your hard earned money to hire lobbyists to run around pursuing remedies which have virtually no hope of being implemented, go for it.

But if you have the courage of your convictions, which means to me that you actually have an evidentiary case, then file it. In the meantime, we have yet another study. Thank you, Mr. Chairman.

2.



Surface Transportation Board Ex Parte No. 705

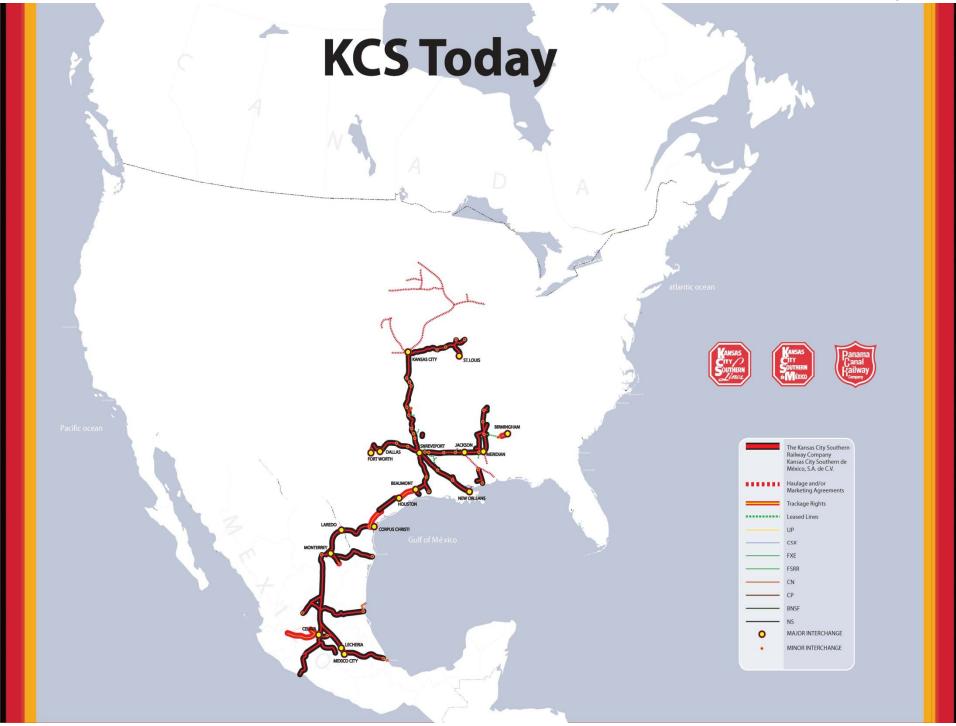
Kansas City Southern
Testimony of Michael Haverty
Executive Chairman

June 22-23, 2011

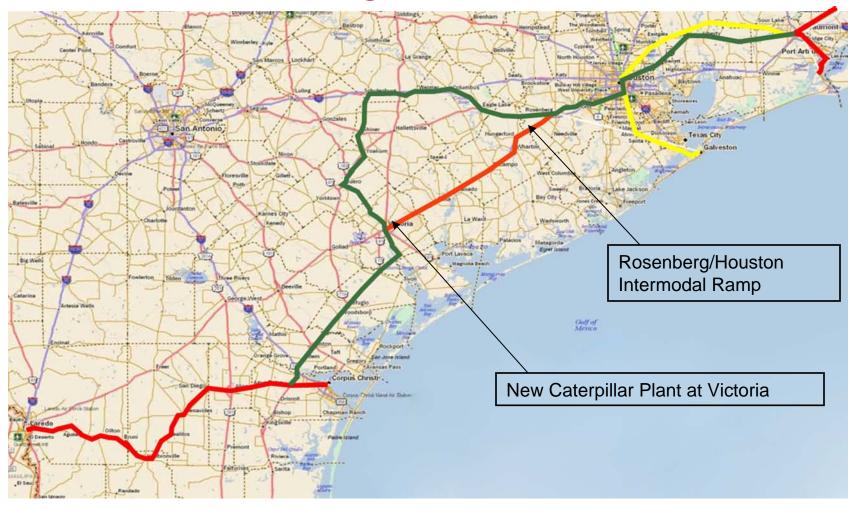








Victoria-Rosenberg Line



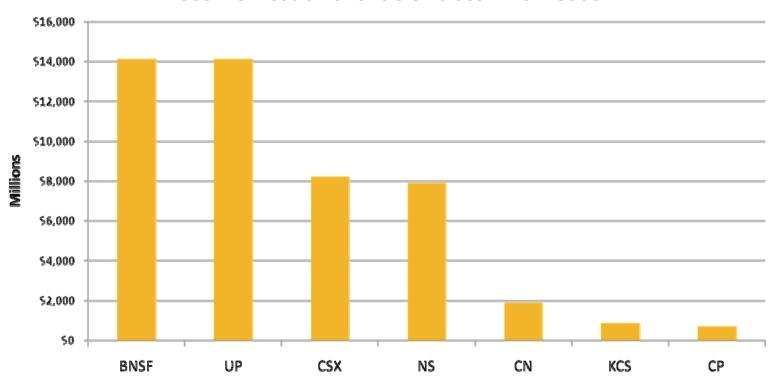






2009 Domestic Revenue

2009 Domestic Revenue of Class 1 Railroads



SOURCE: Railroad Facts, 2010 Edition (Association Of American Railroads)(2009 revenues).

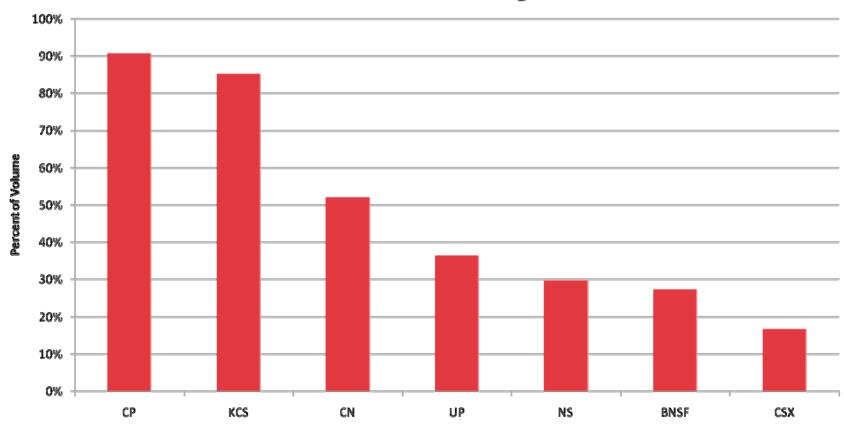






2009 US Domestic Interchange Traffic

2009 US Domestic Interchange Traffic

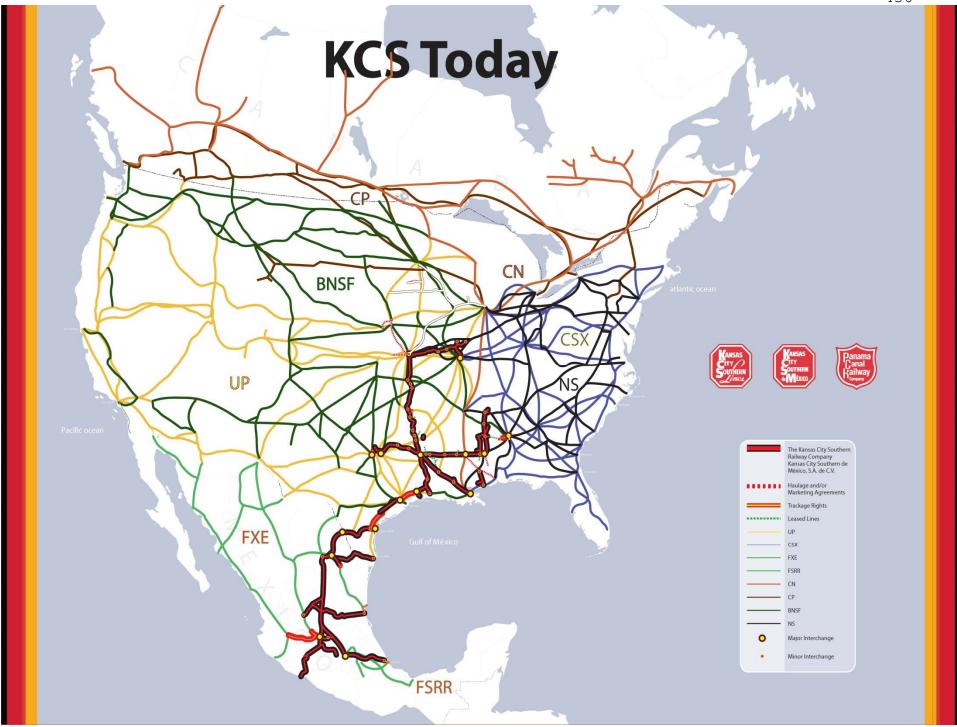


SOURCE: 2009 Freight Commodity Statistics (FCS)











Surface Transportation Board Ex Parte No. 705

David Konschnik
Former Director
Office of Proceedings
Surface Transportation Board

June 22-23, 2011







Railroad Competition Hearing

Testimony for the Hearing on Ex Parte 705 at the Surface Transportation Board

Airfreight and Surface Transportation

Tom Wadewitz AC

212.622.6461

thomas.r.wadewitz@jpmorgan.com

Bloomberg: JPMA WADEWITZ<GO>

J.P. Morgan Securities LLC

J.P. Morgan does and seeks to do business with companies covered in its research reports. As a result, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their See the end pages of this presentation for analyst certification and important disclosures, including non-US analyst disclosures. investment decision.

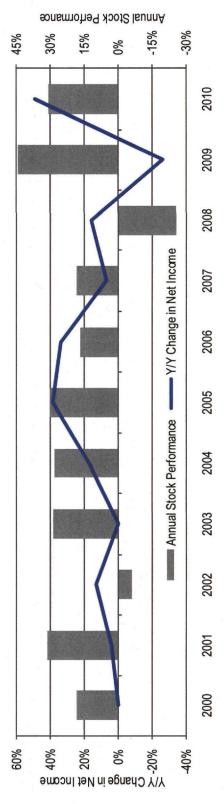
Introduction and Disclosures

- Chairman Elliott, Vice Chairman Begeman and Commissioner Mulvey, thank you for providing the Department. I have been a senior analyst covering railroad stocks for nine-and-a-half years. opportunity to testify today. My name is Tom Wadewitz and I am an equity research analyst covering the Airfreight and Surface Transportation industry in the J.P. Morgan Research
- The views and opinions I share on the industry today are my own personal views as a research analyst and do not necessarily reflect the views or opinions of J.P. Morgan, my department, or others at my firm.
- regarding any conflicts or conflicts with specific companies in the industry, please contact me at In addition, the Firm may have real or perceived conflicts in matters related to the topic or any companies I may mention during the course of my testimony. If you would like more details 212-622-6461 or email research.disclosure.inquiries@jpmorgan.com

Investor Perspective on the Railroads

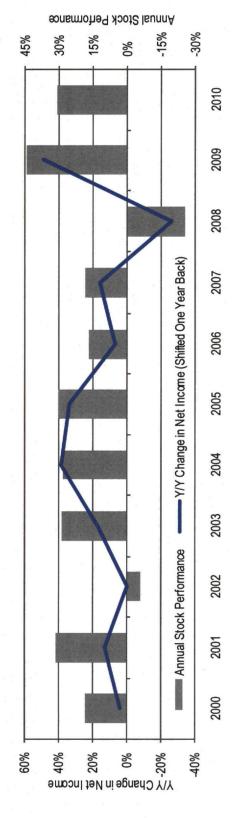
stocks versus EPS performance pulled forward one year. As seen in the third chart, the rail stocks investors value in transportation stocks. (1) Investors value growth in net income and earnings per performance of the railroad stocks versus earnings growth and versus return on invested capital. The equity market is forward looking and so in the second chart we show performance of the rail speaking with institutional investors over the years leads me to believe the following about what share. (2) Investors value both strong absolute financial returns, such as return on capital, and My experience as a sell side analyst in formulating recommendations on transport stocks and investors to the railroad stocks over the past seven years. The following charts show annual broader trend of improving financial returns have been key factors that have attracted equity also a trend of improvement in financial returns. Favorable EPS growth performance and a have generally performed well during trends of improving financial returns.



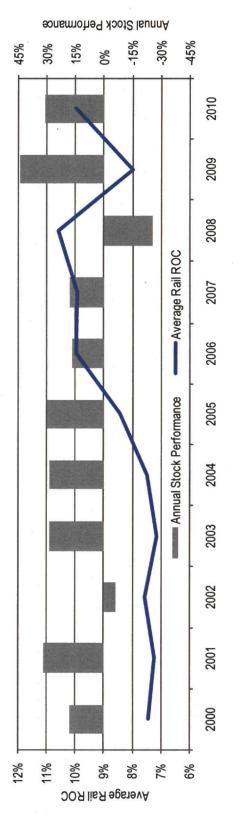


Source: Bloomberg, company reports and J.P. Morgan estimates. Note: Past performance is not indicative of future returns.

Y/Y Change in Rail Industry Earnings (Shifted One Year Back) vs. Annual Stock Performance 2000-2010



Y/Y Change in Class I Rail Stock Performance vs. Average Rail ROC 2000-2010



Source: Bloomberg, company reports and J.P. Morgan estimates. Note: Past performance is not indicative of future returns.

J.P.Morgan

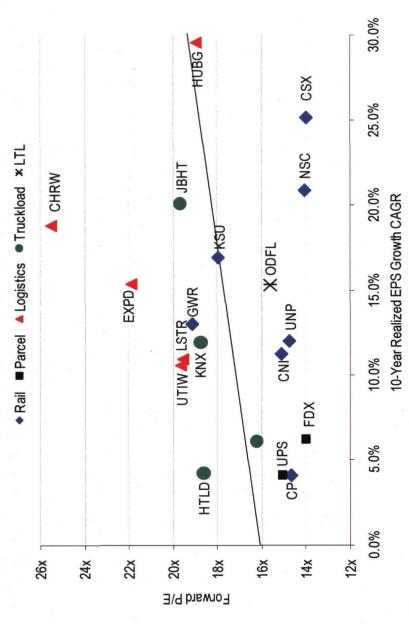
Investor Perspective on the Railroads

- believe that the railroads can benefit from secular growth opportunities to convert truckload freight Volume growth, pricing improvement, and productivity gains are underlying drivers of earnings growth and financial returns. In addition to cyclical factors such as growth in the economy, we to rail intermodal freight. In the medium term, intermodal volume growth typically requires rail capital expenditures and capacity expansion in terms of new terminals as well as sidings and double track. Even though it requires meaningful capital investment, we believe the secular volume growth potential of the intermodal segment is attractive to investors in the railroads.
- Historically, productivity improvement was a significant factor supporting rail financial performance 1980. Since 2004 we believe that a favorable pricing trend has been an important factor that has pricing trend would negatively affect the attractiveness of the railroad industry to equity investors. attracted investors to the railroads. In our opinion, significant changes to the railroad's favorable slower over the past five years relative to the significant gains realized after the Staggers Act in but the pace of improvement in some productivity metrics such as RTMs / employee has been

Drivers of Transport Stock Valuation

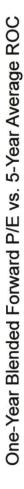
highest valuation are those with a combination of both strong earnings growth and strong financial versus 10-year earnings CAGR and versus Return on Capital. The transports which realize the The following two charts show scatter plots of railroad one year forward price-to-earnings ratio returns such as CH Robinson, Expeditors International, and JB Hunt.

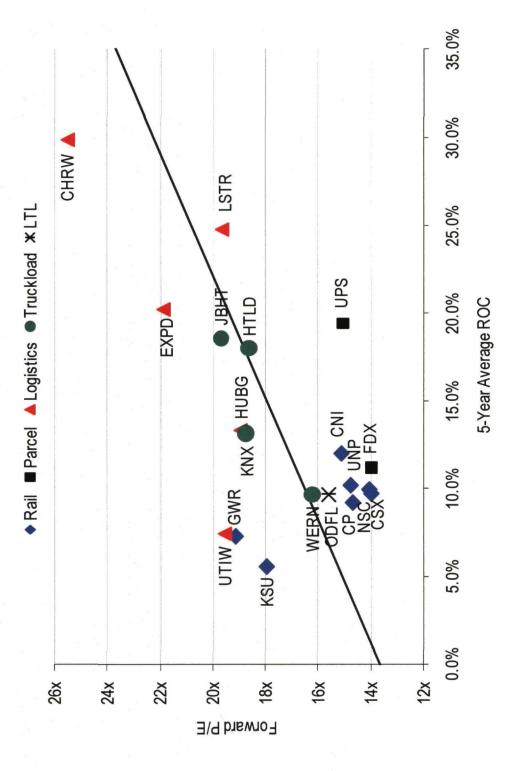
One-Year Blended Forward P/E vs. 10-Year Realized EPS Growth CAGR



Source: Company reports and J.P. Morgan estimates. Note: Forward P/E as of June 21, 2011. Note: Past performance is not indicative of future returns.

Drivers of Transport Stock Valuation





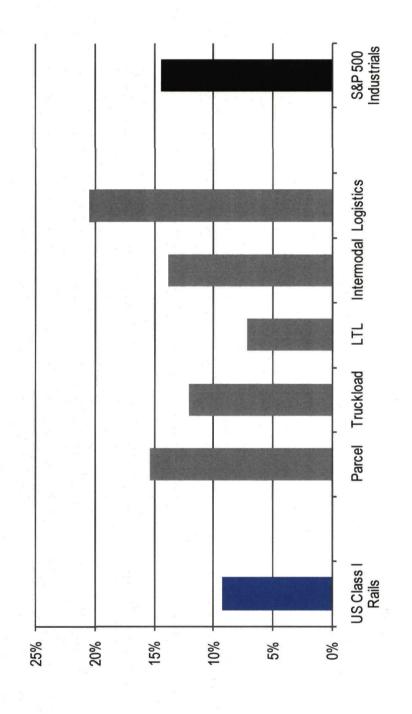
Source: Company reports and J.P. Morgan estimates. Note: Forward P/E as of June 21, 2011. Note: Past performance is not indicative of future returns.

Railroad ROC Relative to Other Transports and Industrials

the US Class I railroads in 2010 was about 9%, which was only higher than financial returns for the in the S&P 500. Average ROC for this group of large cap industrials was slightly below 15% which depressed LTL group. On the following bar chart we also show ROC for the industrial companies returns are calculated on current book value, which is significantly lower than replacement cost of we cover including small package, truckload, logistics, and intermodal names. Average ROC for years but its financial returns are still lower than four of five other groups of transport stocks that was well above the 9% average ROC for the Class I US railroads. Based on our comparison of The railroad industry has realized improvement in its financial performance over the past seven other large industrial companies or relative to other transport groups. We also note that these financial return performance, railroad returns do not appear to be particularly strong relative to the rail systems. In our view, a trend of improving financial return performance provides a key consideration for many investors in the railroad stocks.

Railroad ROC Relative to Other Transports and Industrials

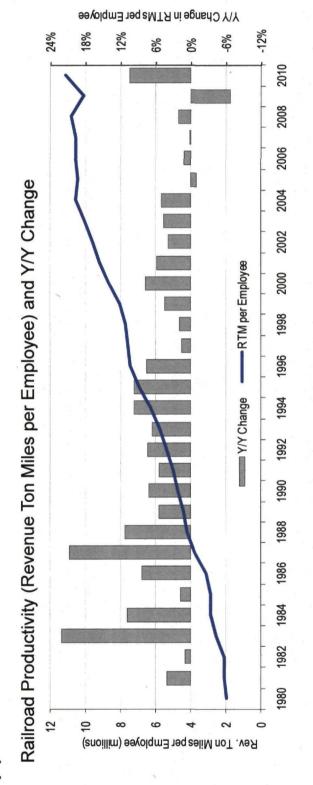
5-Year Average ROC of the US Class I Rails Compared to Other Industrials



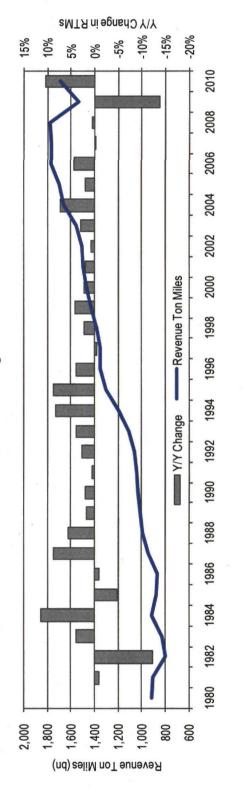
Source: Bloomberg, company reports and J.P. Morgan estimates. Note: Past performance is not indicative of future returns.

Conclusions

- In conclusion, following are some of the key considerations I would like to mention with respect to the analyst and investor perspective on potential changes to the STB's approach to regulation and rail access.
- provides an environment where investors tend to support management decisions to invest in capacity in financial performance, which in turn encourages investors to own railroad stocks. This stability also network. In our view, regulatory stability provides greater visibility to expected growth in railroad Regulatory Stability Provides Support for Rail Investor Interest and Investment in the Rail order to grow volume.
- extended process of considering significant change in regulation could also act as a headwind to railroad Uncertainty is a Source of Risk to Rail Investment. While the outcome could be favorable, an equity investors and to railroad management investment decisions. 'n
- invested capital performance lags most of the other transport groups and rail returns are also significantly Railroad Financial Returns are Not Particularly Strong vs Other Transport Segments and the S&P 500 Industrial companies. Railroad financial performance has improved significantly over the past seven years, which has been driven in part by favorable pricing trends. However, railroad return on below the average returns of large cap industrial companies. က
- environment that enables improving financial performance will also be one that facilitates strong railroad major railroads either include or are primarily based on improving financial returns. A stable regulatory Investors Value EPS Growth but Also Financial Return Performance. Transport stock valuations show that investors value both EPS growth and financial returns. Long -term incentive plans for the investment in infrastructure and capacity expansion. 4.



Railroad Annual Revenue Ton Miles and Y/Y Change



Source: Association of American Railroads. Note: 2010 data is preliminary. Note: Past performance is not indicative of future returns.

J.P.Morgan

Tom Wadewitz covers the following companies in J.P. Morgan equity research (all prices as of market close on 20 June 2011): Arkansas Best (ABFS/\$21.97/Underweight), C.H. Robinson Worldwide (CHRW/\$77.30/Neutral), CSX (GWR/\$55.55/Neutral), Heartland Express (HTLD/\$15.88/Neutral), J.B. Hunt Transport Services, Inc. JBHT/\$45.04/Overweight), Kansas City Southern (KSU/\$54.00/Overweight), Knight Transportation, (CSX/\$25.11/Overweight), Canadian National Railway (CNI/\$75.66/Neutral), Canadian Pacific (UPS/\$69.30/Overweight), Werner Enterprises (WERN/\$24.32/Overweight), YRC Worldwide (RA/\$14.01/Overweight), Swift Transportation (SWFT/\$13.39/Overweight), UTi Worldwide (UTIW/\$19.28/Neutral), Union Pacific (UNP/\$101.80/Overweight), United Parcel Service EXPD/\$47.55/Neutral), FedEx Corp (FDX/\$87.50/Overweight), Genesee & Wyoming inc. (KNX/\$16.37/Neutral), Landstar (LSTR/\$45.17/Overweight), Norfolk Southern Railway (CP/\$60.82/Neutral), Con-way (CNW/\$36.99/Underweight), Expeditors (NSC/\$71.61/Overweight), Old Dominion (ODFL/\$35.38/Neutral), RailAmerica (YRCW/\$0.60/Neutral)

Important Disclosures

- Market Maker: JPMS makes a market in the stock of Arkansas Bast. C.H. Robinson Worldwide, Expeditors, Hearland Express, J.B. Hunt Transport Services, Inc., Landstar, Old Dominion, UTi Worldwide, Werner Enterprises, YRC Worldwide.
- Lead or Co-manager: J.P., Morgan acted as lead or co-manager in a public offering of equity and/or debt securities for Canadian National Railway. CSX. FedEx Corp.
 Genesse & Wyoming, J.B. Hunt Transport Services, Inc., Kansas City Southern. RailAmerica. Union Pacific. United Parcel Service within the past 12 months.
- Beneficial Ownership (1% or more): J.P. Morgan beneficially owns 1% or more of a class of common equity securities of YRC Worldwide.
- Cleart: J.P. Morgan currently has, or had within the past 12 months, the following company(ies) as clients: Arkansas Best, Canadian National Railway, Canadian Pacific Landstar, Norfolt Southern, Old Dominion, RailAmerica, Swift Transportation, Union Pacific, United Parcel Service, UTI Worldwide, Werner Enterprises, YRC Worldwide. Railway. Con-way. CSX, FedEx Corp. Genesee & Wyoming, Heartland Express, J. B. Hunt Transport Services. Inc., Kansas City Southern, Kright Transportation, Inc.,
- Clientinvestment Banking: J.P. Morgan currenty has, or had within the past 12 months, the following company(ias) as investment banking clients: Canadian National Railway, Canadian Pacific Railway, CSX, FedEx Corp. Genesee & Wyoming, J.B. Hunt Transport Services, Inc., Kansas City Southern, Landstar, Norfolk Southern, RailAmerica, Union Pacific, United Parcel Sarvice, YRC Worldwide.
- provided were non-investment-banking, securities-related: Canadian National Raikway, Canadian Pacific Raitway, Con-way, CSX, FedEx Corp. Genesee & Wyoming, Landstar ClentiNon-Investment Banking. Securities-Related: J.P. Morgan currently has, or had within the past 12 months, the following company(ies) as clients, and the services Norfolk Southern, United Parcel Service, UTi Worldwide, YRC Worldwide.
- securities-related: Canadian Pacific Railway. Con-way, CSX, FedEx Corp. Genesee & Wyoming, J.B. Hunt Transport Services, Inc., Kansas City Southern. Landstar, Norfolk Client/Non-Securities-Related: J.P. Margan currently has, or had within the past 12 months, the following company(ies) as clients, and the services provided were non-Southern, RailAmenca, Swift Transportation, Union Pacific, United Parcel Service, YRC Worldwide.
- Railway. CSX. FedEx Corp. Genesee & Wyoming, J.B. Hunt Transport Services, Inc., Kansas City Southern. Landstar, Norfolk Southern. RailAmerica. Union Pacific, United Investment Banking (past 12 months): J.P. Mongan received in the past 12 months compansation for investment banking Canadian National Railway. Canadian Pacific Parcel Service, YRC Worldwide,
- Canadian National Railway, Canadian Pacific Railway, CSX, FedEx Corp. Genesee & Wyoming. J.B. Hunt Transport Services, Inc., Kansas City Southern, Landstar, Norfolk Investment Banking (next 3 months); J.P., Morgan expect to receive, or intend to seek, compensation for investment banking services in the next three months from Southern, RailAmerica, Union Pacific, United Parcel Service, UTI Worldwide, YRC Worldwide.
- Canadian National Railway. Canadian Pacific Railway, Con-way, CSX, FedEx Corp. Genesee & Wyoming, Landslar, Norfolk Southern, United Parcel Service. UTi Worldwide. · Non-Investment Banking Compansation: J.P. Morgan has received compansation in the past 12 months for products or services other than investment banking from

Analyst Certification:

The research analyst(s) denoted by an "AC" on the cover of this report certifies (or, where multiple research analysts are primarily responsible for this report, analyst covers in this research) that (1) all of the views expressed in this report accurately reflect his or her personal views about any and all of the subject the research analyst denoted by an "AC" on the cover or within the document individually certifies, with respect to each security or issuer that the research securities or issuers; and (2) no part of any of the research analyst's compensation was, is, or will be directly or indirectly related to the specific recommendations or views expressed by the research analyst(s) in this report.

recommended herein. Research is available at http://www.morganmarkets.com, or you can contact the analyst named on the front of this note or your J P. Valuation and Risks: Please see the most recent company-specific research report for an analysis of valuation methodology and risks on any securities Morgan representative. Important Disclosures for Equity Research Compendium Reports: Important disclosures, including price charts for all companies under coverage for at least one year, are available through the search function on J.P. Morgan's website https://mm.jpmorgan.com/disclosures/company or by calling this U.S. tollfree number (1-800-477-0406)

including the quality and accuracy of research, client feedback, competitive factors, and overall firm revenues, which include revenues from, among other Analysts' Compensation: The equity research analysts responsible for the preparation of this report receive compensation based upon various factors, business units, Institutional Equities and Investment Banking. Registration of non-US Analysts: Unless otherwise noted, the non-US analysts listed on the front of this report are employees of non-US affiliates of JPMS, are not registered/qualified as research analysts under FINRA/NYSE rules, may not be associated persons of JPMS, and may not be subject to FINRA Rule 2711 and NYSE Rule 472 restrictions on communications with covered companies, public appearances, and trading securities held by a research analyst

received the proper option risk disclosure documents. For a copy of the Option Clearing Corporation's Characteristics and Risks of Standardized Options, Options related research: If the information contained herein regards options related research, such information is available only to persons who have please contact your J.P. Morgan Representative or visit the OCC's website at http://www.optionsclearing.com/publications/risks/riskstoc.pdf

its affiliates and/or subsidiaries (collectively J.P. Morgan) do not warrant its completeness or accuracy except with respect to any disclosures relative to JPMS General: Additional information is available upon request. Information has been obtained from sources believed to be reliable but JPMorgan Chase & Co. or Past performance is not indicative of future results. This material is not intended as an offer or solicitation for the purchase or sale of any financial instrument discussed, unless otherwise stated Opinions and estimates constitute our judgment as of the date of this material and are subject to change without notice. recommendations of particular securities, financial instruments or strategies to particular clients. The recipient of this report must make its own independent and/or its affiliates and the analyst's involvement with the issuer that is the subject of the research. All pricing is as of the close of market for the securities decisions regarding any securities or financial instruments mentioned herein JPMS distributes in the U.S. research published by non-U.S. affiliates and announcements, market conditions or any other publicly available information. Clients should contact analysts and execute transactions through a J.P. The opinions and recommendations herein do not take into account individual client circumstances, objectives, or needs and are not intended as accepts responsibility for its contents. Periodic updates may be provided on companies/industries based on company specific developments or Morgan subsidiary or affiliate in their home jurisdiction unless governing law permits otherwise

Explanation of Equity Research Ratings and Analyst(s) Coverage Universe:

to those analysts' coverage universe. A list of these analysts is available on request. The analyst or analyst's team's coverage universe is the same rating categories; however, each stock's expected total return is compared to the expected total return of the FTSE All Share Index, not sector and/or country shown on the cover of each publication. If it does not appear in this report, the certifying analyst(s)' coverage universe universe.] Underweight [Over the next six to twelve months, we expect this stock will underperform the average total return of the stocks in the analyst's (or the analyst's team's) coverage universe.] J.P. Morgan Cazenove's UK Small/Mid-Cap dedicated research analysts use the average total return of the stocks in the analyst's (or the analyst's team's) coverage universe.] Neutral [Over the next six to twelve months, J.P. Morgan uses the following rating system: Overweight [Over the next six to twelve months, we expect this stock will outperform the we expect this stock will perform in line with the average total return of the stocks in the analyst's (or the analyst's team's) coverage can be found on J.P. Morgan's research website, www.morganmarkets.com.

J.P. Morgan Equity Research Ratings Distribution, as of March 31, 2011

	Overweight	Neutral	Underweight
	(knq)	(hold)	(sell)
J P Morgan Global Equity Research Coverage	47%	42%	%11
IB clients*	20%	45%	33%
JPMS Lquity Research Coverage	43%	49%	8%
IB clients*	20%	62%	26%

*Percentage of investment banking clients in each rating category.

For purposes only of FINRA/NYSE ratings distribution rules, our Overweight rating falls into a buy rating category, our Neutral rating falls into a hold rating category, and our Underweight rating falls into a sell rating category

Other Disclosures

J.P. Morgan ("JPM") is the global brand name for J.P. Morgan Securities LLC ("JPMS") and its affiliates worldwide. J.P. Morgan Cazenove is a marketing name for the U.K. investment banking businesses and EMEA cash equities and equity research businesses of JPMorgan Chase & Co. and its subsidiaries.

Legal Entities Disclosures

by the Financial Services Authority. Registered in England & Wales No. 2711006. Registered Office 125 London Wall, London EC2Y 5A.J South Africa: J.P. J.P. Morgan Securities (Far East) Ltd, Seoul Branch, is regulated by the Korea Financial Supervisory Service. Australia: J P. Morgan Australia Limited (ABN material is issued and distributed in Malaysia by JPMorgan Securities (Malaysia) Sdn Bhd (18146-X) which is a Participating Organization of Bursa Malaysia U.S.: JPMS is a member of NYSE, FINRA, SIPC and the NFA. JPMorgan Chase Bank, N A. is a member of FDIC and is authorized and regulated in the UK Exchange (company-type) and regulated by the Taiwan Securities and Futures Bureau. India: J.P. Morgan India Private Limited, having its registered office 010675237/INF 010675237) and is regulated by Securities and Exchange Board of India. Thailand: JPMorgan Securities (Thailand) Limited is a member of regulated by the Comissao de Valores Mobiliarios (CVM) and by the Central Bank of Brazil. Mexico: J.P. Morgan Casa de Bolsa, S.A. de C.V., J.P. Morgan by the Financial Services Authority. U.K.: J.P. Morgan Securities Ltd. (JPMSL) is a member of the London Stock Exchange and is authorized and regulated Securities Indonesia is a member of the Indonesia Stock Exchange and is regulated by the BAPEPAM LK. Philippines: J.P. Morgan Securities Philippines Berhad and a holder of Capital Markets Services License issued by the Securities Commission in Malaysia. Pakistan: J. P. Morgan Pakistan Broking (Pvt.) Pacific) Limited (CE number AAJ321) is regulated by the Hong Kong Monetary Authority and the Securities and Futures Commission in Hong Kong. Korea: Ltd is a member of the Karachi Stock Exchange and regulated by the Securities and Exchange Commission of Pakistan Saudi Arabia: J.P. Morgan Saudi 238066) is a Market Participant with the ASX and regulated by ASIC. Taiwan: J.P.Morgan Securities (Taiwan) Limited is a participant of the Taiwan Stock Grupo Financiero is a member of the Mexican Stock Exchange and authorized to act as a broker dealer by the National Banking and Securities Exchange 025/01/2011 and Co. Reg. No.. 199405335R] which is a member of the Singapore Exchange Securities Trading Limited and is regulated by the Monetary Authority of Singapore (MAS) and/or JPMorgan Chase Bank, N.A., Singapore branch (JPMCB Singapore) which is regulated by the MAS. Malaysia: This Road, P.O Box 51907, Riyadh 11553, Kingdom of Saudi Arabia. Dubai: JPMorgan Chase Bank, N.A., Dubai Branch is regulated by the Dubai Financial Arabia Ltd is authorized by the Capital Market Authority of the Kingdom of Saudi Arabia (CMA) to carry out dealing as an agent, arranging, advising and Morgan Equities Limited is a member of the Johannesburg Securities Exchange and is regulated by the FSB. Hong Kong: J.P. Morgan Securities (Asia the Stock Exchange of Thailand and is regulated by the Ministry of Finance and the Securities and Exchange Commission. Indonesia: PT J.P. Morgan custody, with respect to securities business under licence number 35-07079 and its registered address is at 8th Floor, Al-Faisaliyah Tower, King Fahad at J.P. Morgan Tower, Off. C.S.T. Road, Kalina, Santacruz East, Mumbai - 400098, is a member of the National Stock Exchange of India Limited (SEBI Commission. Singapore: This material is issued and distributed in Singapore by J.P. Morgan Securities Singapore Private Limited (JPMSS) [MICA (P) 52 002 888 011/AFS Licence No: 238188) is regulated by ASIC and J.P. Morgan Securities Australia Limited (ABN 61 003 245 234/AFS Licence No: nc. is a member of the Philippine Stock Exchange and is regulated by the Securities and Exchange Commission. Brazil: Banco J.P. Morgan S.A. is Registration Number - INB 230675231/INF 230675231/INE 230675231) and Bombay Stock Exchange Limited (SEBI Registration Number - INB Services Authority (DFSA) and its registered address is Dubai International Financial Centre - Building 3, Level 7, PO Box 506551, Dubai, UAE

Country and Region Specific Disclosures

Branch which are regulated by the Bundesanstalt für Finanzdienstleistungsaufsicht Hong Kong: The 1% ownership disclosure as of the previous month end satisfies the requirements under Paragraph 16.5(a) of the Hong Kong Code of Conduct for Persons Licensed by or Registered with the Securities and Futures due to a change in the price of the shares in the case of share trading, and that a loss may occur due to the exchange rate in the case of foreign share trading. In the case of share trading, JPMorgan Securities Japan Co, Ltd., will be receiving a brokerage fee and consumption tax (shouhizei) calculated by multiplying or in any way passed judgment upon these materials, the information contained herein or the merits of the securities described herein, and any representation n such securities must be conducted through a dealer registered in Canada. No securities commission or similar regulatory authority in Canada has reviewed Stock Exchange of Hong Kong Limited. An updated list can be found on HKEx website http://www hkex.com.hk Japan: There is a risk that a loss may occur Dealers Association, The Financial Futures Association of Japan. Korea: This report may have been edited or contributed to from time to time by affiliates of Zealand only to persons whose principal business is the investment of money or who, in the course of and for the purposes of their business, habitually invest requirement in the relevant province or territory of Canada in which such offer or sale is made. The information contained herein is under no circumstances to Morgan Broking (Hong Kong) Limited is the liquidity provider/market maker for derivative warrants, callable bull bear contracts and stock options listed on the securities described herein, or solicitation of an offer to buy securities described herein, in Canada or any province or territory thereof. Any offer or sale of the contained herein references securities of an issuer incorporated, formed or created under the laws of Canada or a province or territory of Canada, any trades Commission. (For research published within the first ten days of the month, the disclosure may be based on the month end data from two months' prior.) J.P. securities described herein in Canada will be made only under an exemption from the requirements to file a prospectus with the relevant Canadian securities retail clients." The recipient of this material must not distribute it to any third party or outside Australia without the prior written consent of JPMSAL. For the Financial Instruments Firms: JPMorgan Securities Japan Co., Ltd., Kanto Local Finance Bureau (kinsho) No 82 Participating Association / Japan Securities publication and distribution of investment research. Many European regulators require a firm to establish, implement and maintain such a policy. This report relevant persons. In other EEA countries, the report has been issued to persons regarded as professional investors (or equivalent) in their home jurisdiction relevant persons Any investment or investment activity to which this document relates is only available to relevant persons and will be engaged in only with money. JPMSAL does not issue or distribute this material to members of "the public" as determined in accordance with section 3 of the Securities Act 1978. Promotion) Order 2005 (all such persons being referred to as "relevant persons"). This document must not be acted on or relied on by persons who are not circulation only, not for sale. Pakistan: For private circulation only, not for sale New Zealand: This material is issued and distributed by JPMSAL in New be construed as investment advice in any province or territory of Canada and is not tailored to the needs of the recipient. To the extent that the information Australia: This material is issued and distributed by JPMSAL in Australia to "wholesale clients" only JPMSAL does not issue or distribute this material to J.P. Morgan Securities (Far East) Ltd, Seoul Branch Singapore: JPMSS and/or its affiliates may have a holding in any of the securities discussed in this regulators and only by a dealer properly registered under applicable securities laws or, alternatively, pursuant to an exemption from the dealer registration has been issued in the U.K. only to persons of a kind described in Article 19 (5), 38, 47 and 49 of the Financial Services and Markets Act 2000 (Financial 2001. Germany: This material is distributed in Germany by J P. Morgan Securities Ltd., Frankfurt Branch and J.P.Morgan Chase Bank, N.A., Frankfurt The recipient of this material must not distribute it to any third party or outside New Zealand without the prior written consent of JPMSAL. Canada: The report; for securities where the holding is 1% or greater, the specific holding is disclosed in the Important Disclosures section above. India: For private information contained herein is not, and under no circumstances is to be construed as, a prospectus, an advertisement, a public offering, an offer to sell U.K. and European Economic Area (EEA): Unless specified to the contrary, issued and approved for distribution in the U K. and the EEA by JPMSL the executed price by the commission rate which was individually agreed between JPMorgan Securities Japan Co , Ltd , and the customer in advance. nvestment research issued by JPMSL has been prepared in accordance with JPMSL's policies for managing conflicts of interest arising as a result of purposes of this paragraph the terms "wholesale client" and "retail client" have the meanings given to them in section 761G of the Corporations Act to the contrary is an offence. Dubai: This report has been issued to persons regarded as professional clients as defined under the DFSA rules.

'Other Disclosures" last revised June 13, 2011.

Copyright 2011 JPMorgan Chase & Co. All rights reserved. This report or any portion hereof may not be reprinted, sold or redistributed without the written consent of J.P. Morgan.

STEPTOE & JOHNSON LLP ATTORNEYS AT LAW

Samuel M. Sipe Jr. 202.429.6486 ssipe@steptoe.com I330 Connecticut Avenue, NW Washington, DC 20036-I795 Tel 202.429.3000 Fax 202.429.3902 steptoe.com

June 23, 2011

Cynthia T. Brown Chief, Section of Administration Office of Proceedings Surface Transportation Board 395 E Street, S.W. Washington DC 20423

Re: STB Ex Parte 705 - Competition in the Railroad Industry

Dear Ms. Brown:

Please find included with this letter a copy of the PowerPoint presentation that accompanied the testimony of Association of American Railroads witness William J. Rennicke at the hearing in the above-referenced proceeding on June 22, 2011.

Sincerely,

Samuel M. Sipe, Jr.

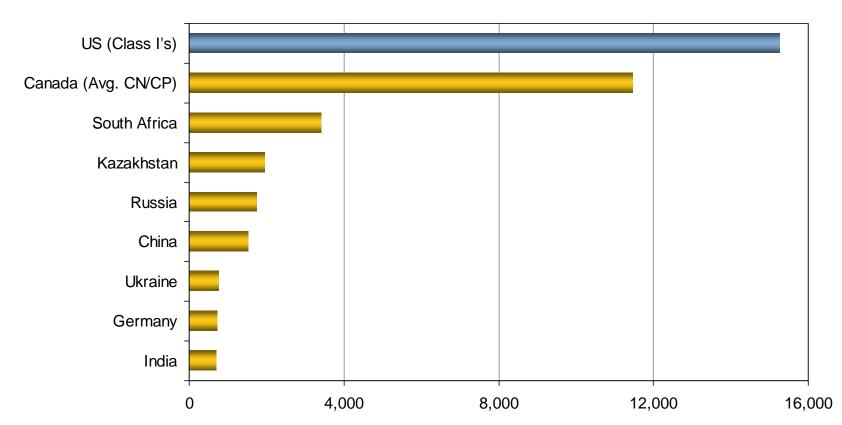
Counsel for Association of American Railroads

June 22, 2011

STB Ex Parte No. 705 Competition in the Railroad Industry

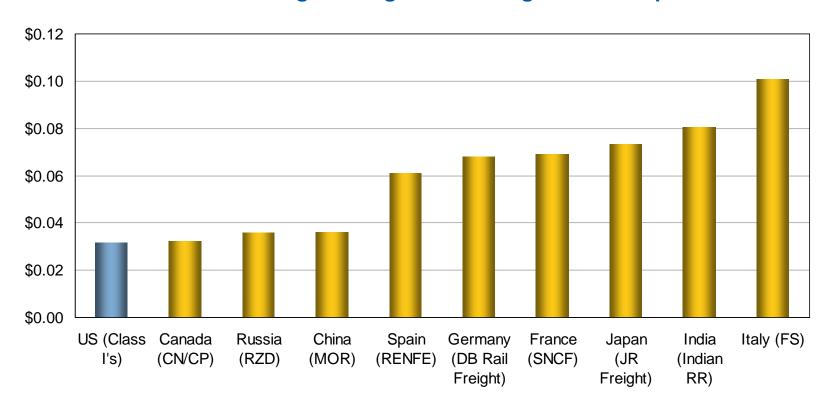
Exhibits in Support of Statement by William J. Rennicke

Major World Rail Systems (by tkm): Employee Productivity



Source: World Bank Railways Database, May 2007. Employee productivity = tkm+pkm per employee.

International Rail Freight Charges: PPP Freight Revenue per TKM

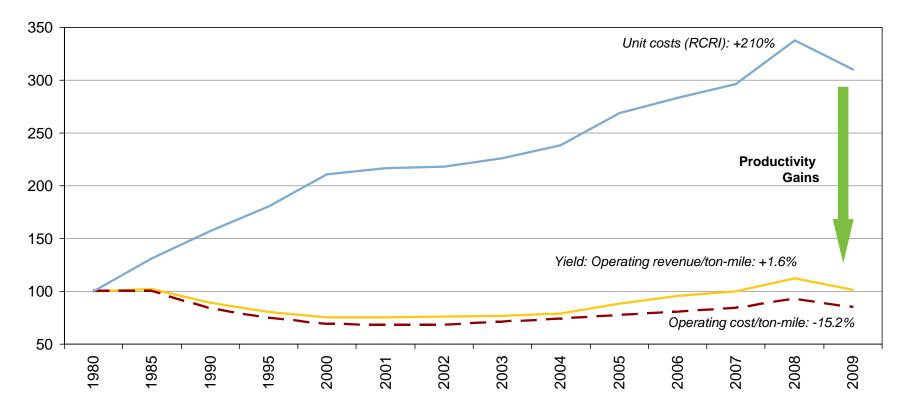


Data for named rail systems only, adjusted for purchasing power parity and based on 2006-2008 averages. Source: Various international railroads and rail associations, World Bank.

© Oliver Wyman • www.oliverwyman.com

Indexed Average Revenues and Unit Costs, 1980-2009

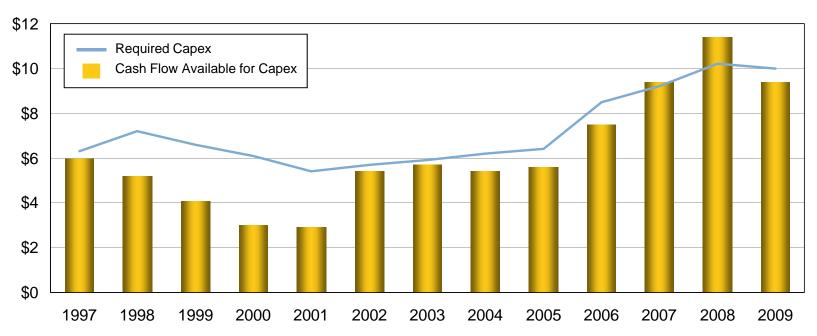
1980=100



Note: RCRI= rail cost recovery index.

Source: AAR Analysis of Class I Railroads, AAR Railroad Fact Book 2010, Oliver Wyman analysis.

Funding for Rail Capital Expenditures from Cash Flow vs. Required Capex \$ billions

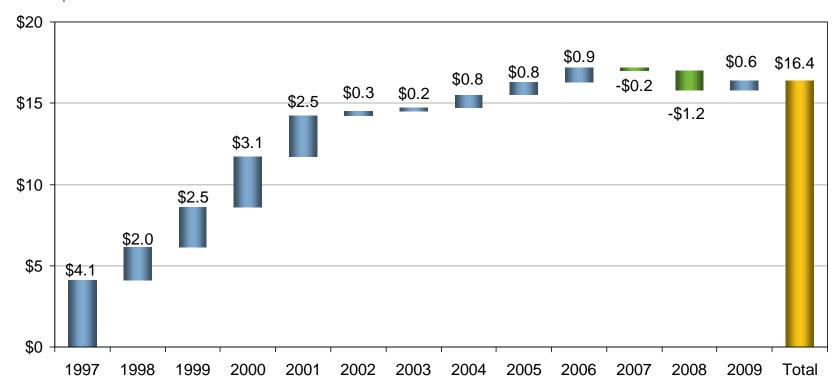


Note: Cash Flow = Net Income + Depreciation + Deferred Taxes +/- Subsidiary Adjustment – Dividends – Debt Repayment. Capex = Equipment and roadway and structures only. Source: AAR Ten Year Trends, Oliver Wyman analysis.

© Oliver Wyman
www.oliverwyman.com

Cumulative Operating Cash Flow Shortfall to Fund Class I Railroad Capital Spending, 1996-2009

\$ billions



Source: AAR Railroad Ten-Year Trends, AAR Analysis of Class I Railroads, and Oliver Wyman analysis.

MAYER · BROWN

JUN 23 2011
RECEIVED

Mayer Brown LLP 1999 K Street, N.W. Washington, D.C. 20006-1101

> Main Tel +1 202 263 3000 Main Fax +1 202 263 3300 www.mayerbrown.com

Robert M. Jenkins III
Direct Tel +1 202 263 3261
Direct Fax +1 202 263 5261
mjenkins@mayerbrown.com

June 23, 2011

VIA HAND DELIVERY

Cynthia Brown Chief, Section of Administration Office of Proceedings Surface Transportation Board 395 E Street, SW Washington, DC 20423

Re:

Competition in the Railroad Industry

Ex Parte No. 705

Dear Ms. Brown:

Enclosed for filing are an original and two copies of the color PowerPoint slides accompanying the presentation of John P. Lanigan of BNSF Railway Company on June 23, 2011, in the above-captioned proceeding. Please date-stamp the extra copy and return it to our representative.

Sincerely yours,

Robert M. Jakin, Robert M. Jenkins III

RMJ/bs

Enclosure

cc:

Richard E. Weicher

Jill K. Mulligan

BNSF Railway

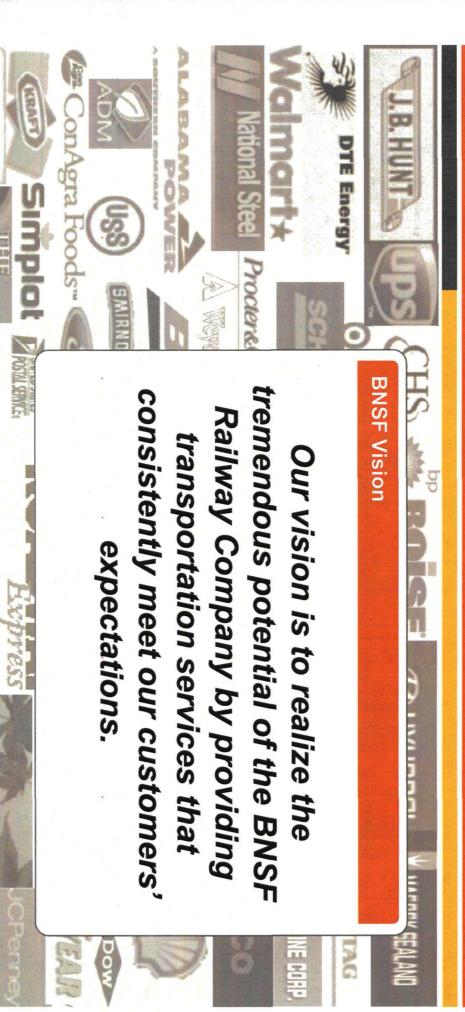
Ex Parte No. 705: Competition in the Rail Industry

7687 **Executive Vice President and Chief Marketing Officer** John Lanigan

June 23, 2011



Major Customers and Our Vision



Xcel Energy

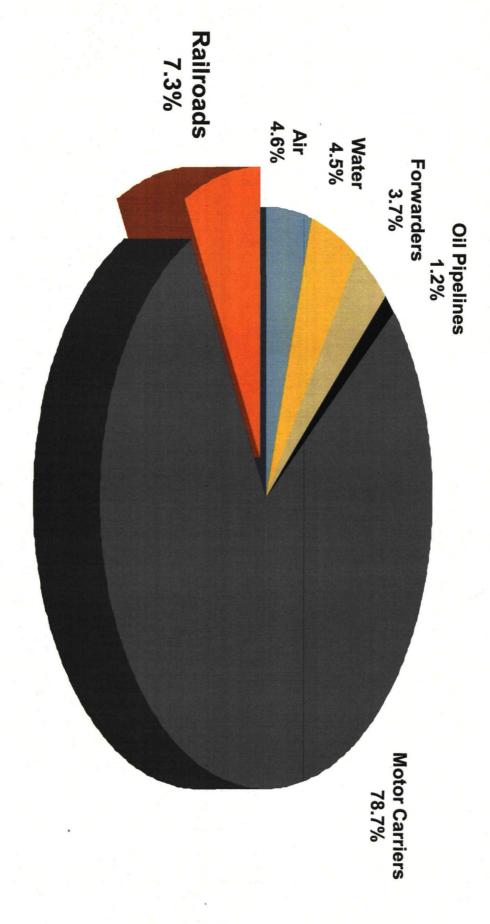
YELLOW

INTERNATIONAL PAPER

U.S. Transportation Modal Share

Based on Revenue

Mode and % of Total Share





Our Competition





Freight Railroads



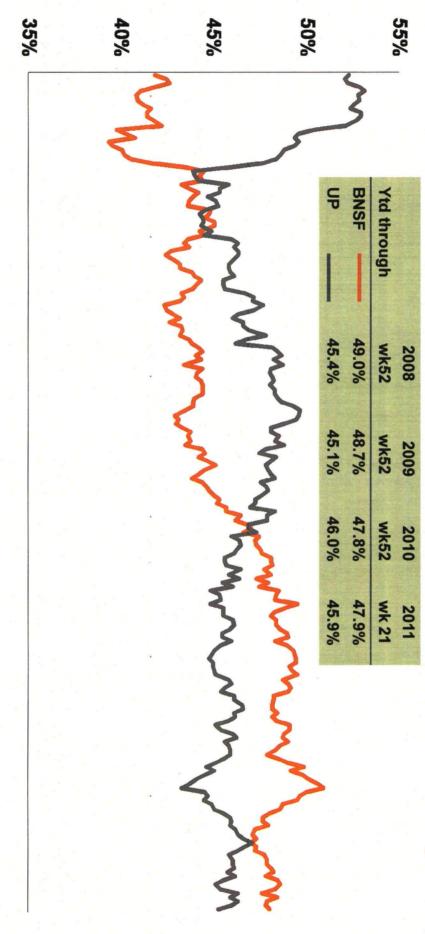




Western U.S. Rail Market Share

BNSF-UP Share Trend

Percent of Western Rail Units Four Week Rolling Average



Value of a share point in the West = \$350M (2008 \$)



Western Coal Markets Are Competitive

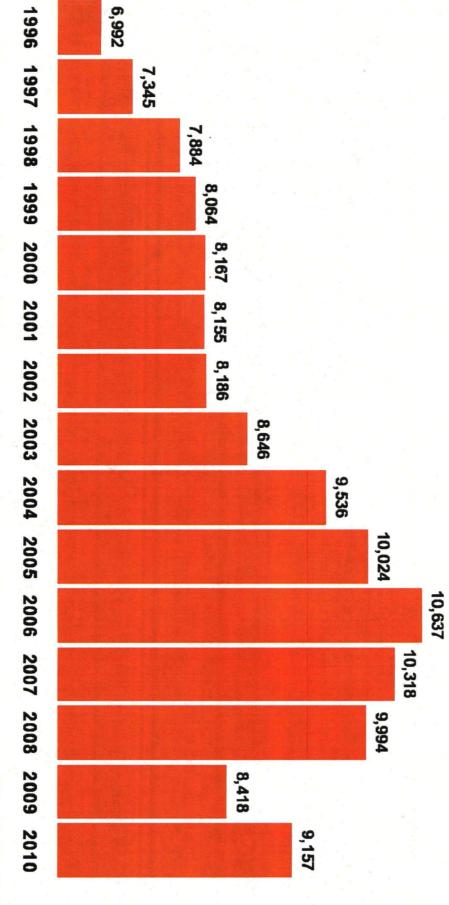
- WCTL claim: Competitive coal accounts no longer change hands...
- 2004: BNSF won new business or increased share to 13 plants and lost business to 4 plants
- 2005-2011: BNSF won new business or increased share to 30 plants; BNSF lost business to 21 plants
- 2004-2011: coal delivery to 11 plants changes hands more than once
- It is not true that competition does not exist where a shipper awards the business to the incumbent railroad



Historical Volume

BNSF Units

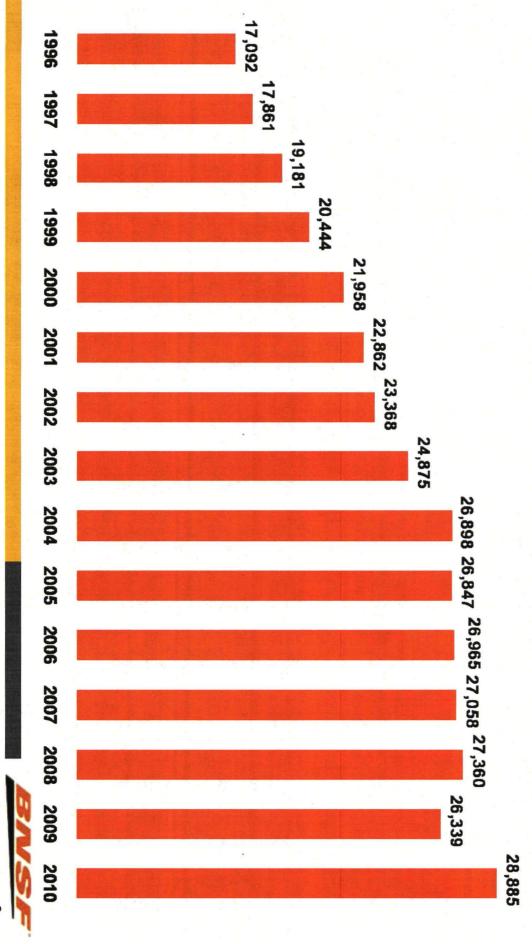
Thousands





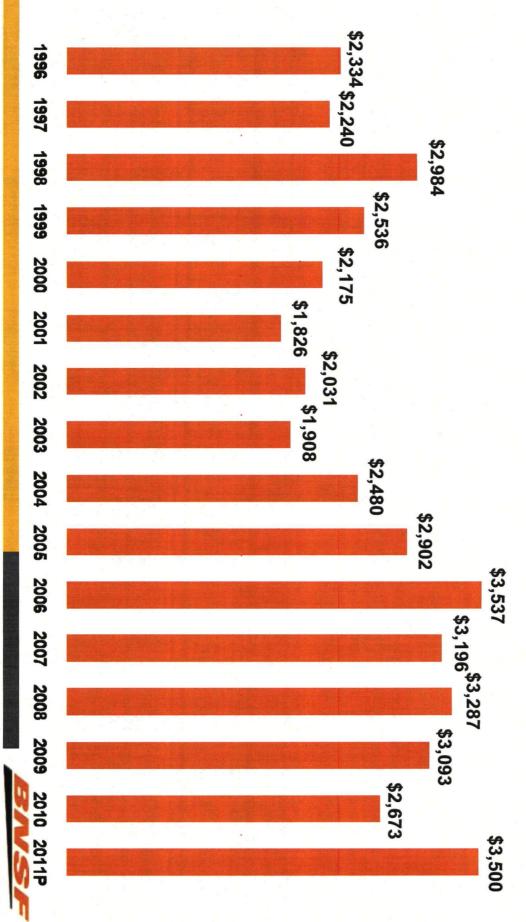
Improving Efficiency of Operations

Thousand GTMs per Employee



BNSF Total: \$39 Billion Invested From 1996-2010

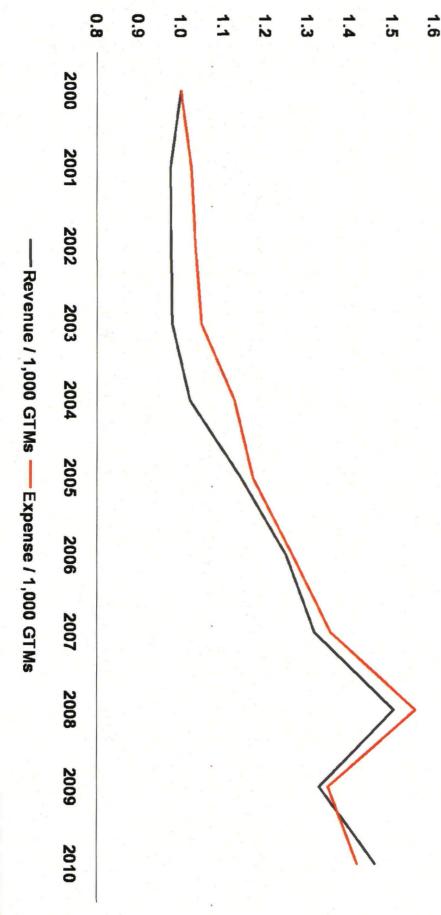
\$ Millions



Revenue & Cost Curves Closely Aligned

and Operating Expense per 1,000 GTMs Cumulative Growth Rate of BNSF Freight Revenue

(Indexed to Year 2000)





Conclusion

- Our continuing investment to maintain and expand our network has enabled us to provide better service at lower prices.
- The rail marketplace is highly competitive across modes. BNSF competes every day with other railroads, trucking companies and barge companies for business.
- Railroad assets are long lived and the railroad industry needs to invest now to meet unprecedented future demand for our services.
- Rational regulation provides certainty and stability and allows railroads to earn a return that can sustain investment to replace and expand our networks.
- The Board should not adopt the proposals for new "access" regulation that jeopardize the ability and incentive of railroads to make future investments in the Nation's freight rail system.



2303,46

NEVADA CENTRAL RAILROAD

BASE OF OPERATIONS: 2741 - Pinewood Avenue, Henderson, Nevada 89074

(702) 914- 7796

ROBERT ALAN KEMP, D/B/A:

NEVADA CENTRAL RAILROAD

VIA-IMMEDIATE FAX FILING

Cynthia T. Brown

Chief, Section of Administration Surface Transportation Board 395 - E. Street, S. W., Room: 100 Washington, D.C. 20423-0001 - CERTIFIED -

[IITLS: PROTOCOL - 2000 -TM.]

BY EMERGENCY FAX FILING: 202-245-0461-0464

RE: Docket No.

EX PARTE - 705

(Wednesday), June 22, 2011

PETITIONERS PRELIMINARY ORAL EXHIBIT: 1-A.

COMPETITION IN THE RAILROAD INDUSTRY

Ms. Brown:

Despite the unlawful failure by the Board on June 21st., 2011 to Grant Petitioner sufficient time with which to Testify June 23rd., 2011, I have e-filed an original copy of: ROBERT ALAN KEMP, D/B/A; NEVADA CENTRAL RAILROAD's (PETITIONERS PRELIMINARY ORAL EXHIBIT: 1-A.), along with this cover sheet specifically relating to the provision of testimony within the hearing on June 22rd., thru June 23rd., 2011, noticed within STB Docket: EX-705.

If You or Your Staff have any questions or comments, please feel free to contact me personally.

Very truly yours,

ENTERED Office of Proceedings

JUN 2 3 2011

Robert Alan Kemp

(702) 914- 7796

Part of Public Record

Sole Proprietor D/B/A: NEVADA CENTRAL RAILROAD, Henderson, NV 89074

Enclosures: Petitioners Preliminary Oral Exhibit: 1-A., Certification of Service

CERTIFICATE OF SERVICE

I, <u>Robert Alan Kemp</u>, hereby certify that (3-EA.) copies of the instant (47-Page): PETITIONERS PRELIMINARY ORAL EXHIBIT: 1-A., along with the enclosed Proof of Service Sheet filed by Robert Alan Kemp to the SURFACE TRANSPORTATION BOARD, was personally mailed by the undersigned this 22nd., day of June, 2011, via First Class US-Mail.

Robert Alan Kemp, ("NCR")

(702) 914- 7796

COPY

Robert Alan Kemp 9084 - East Arbab Court Tucson, AZ 85747 (520) 574 - 2262

In the United States Court of Appeals for the Ninth Circuit

ROBERT ALAN KEMP - D/B/A:

No. 09 - 70576

NEVADA CENTRAL RAILROAD

Appellant/Petitioner -

STB No. AB-33 (Sub-No.230X)

SURFACE TRANSPORTATION BOARD

VS.

Respondent

APPELLANT'S (INFORMAL)

OPENING BRIEF

COMES NOW Petitioner [Robert Alan Kemp, D/B/A: NEVADA CENTRAL RAILROAD, hereinafter ("APPELLANT" or "Appellant," and or "PETITIONER" or "Petitioner") as a non learned ignorant individual person Pro-Per, the undersigned, as and against the United States Surface Transportation Board, and therefore hereby respectfully files his INFORMAL OPENING BRIEF in the instant proceeding as follows.

1. JURISDICTION

a. The instant appeal was timely filed within 30-Calender Days of the rendering and service of a Final Decision by the Surface Transportation Board, hereafter ("STB").

(I) Entry of Judgment by the STB denying both of Petitioners appeals was executed January 27th., 2009. [SEE ATTACHED EXHIBIT - M]

(ii) No Motions were filed by any Party subsequent to Entry of Judgment identified as Docket Entry: # 53., by the STB. [SEE ATTACHED EXHIBIT - N]

(iii) Notice of Appeal along with the applicable Fee in the amount of: \$ 450.00 was filed by this Petitioner on February 26th., 2009, and was subsequently docketed by the Clerk of the Court, one working day later on February 27th., 2009.

(iv) Petitioner obtained an Extension of time to file the instant Opening Brief from the Court by <u>Telephone</u> following oral notification to opposing Counsel at the STB, resulting in a mutual stipulation to extend time, thereby extending the Due Date for filing to: April 22nd., 2009.

.21

2. BACKGROUND AND FACTS LEADING UP TO THIS CASE

Petitioner doing business as: NEVADA CENTRAL RAILROAD hereafter ("NCR"), has engaged continuously for the last 34-Years to develop the necessary combined elements in terms of Financing, Configuration, and Technology, to construct a Heavy High Speed

2

3 Mainline Freight/PAX (North-South) Railroad System within the state of Nevada, extending 4 into California and Arizona south to the Mexican border, then further north through the states 5 of Oregon, Washington, finally terminating in Vancouver, Canada. Most important is the fact that the entire NCR - Rail Track and Rail Car Configuration will be technologically superior to any Railroad System ever constructed in any country of the world. Critically important is the fact that the New COMPLETELY PROVEN and COMPLETELY SCALABLE High Technology Rail System, now publically identified as the: NCR-By-Pass-im. construction project, is virtually Pollution-less and will initially utilize 68% Less Fossil Fuel, and within 5-Years 100% Less Fossil Fuel to operate, while traveling 300% faster then a any conventional 11 Diesel Locomotive powered Freight train currently in operation. As a byproduct of its own 12 power production technology and configuration, it will render the Majority of (all) Coal 13 Powered Generating Systems within the United States as virtually Obsolete essentially 14 climinating over 30% of all US emissions, as well as an additional 20% of total overall National 15 ensissions now created resulting from the operation of the National Railroad/Truck System, 16 itself. Bottom Line is that it will effectively eliminate at least 85% of the requirement for the 17 Transportation of Heavy High Polluting Coal by the entire National Railroad System once the 18 NCR Railroad and its Power Generating Technology is integrated into all Class-I and Class-II 19 Railroad operations, and will convert all remaining distributed Coal based Electrical Power Generation Systems solely to Local Power Production as facilities located adjacent to specific Coal Production Sites. The PROVEN NCR Proprietary Electrical Power Production and 21 Transmission Technologies will effectively eliminate the current critical construction 22 requirement for the majority of all New ecologically devastating High Voltage AC-Electrical 23 Power Generating Power Line Transmission Systems within the entire United States.

24

25

26

27

28

Petitioner. For over 29-Years Petitioner has been planning and analyzing the most

this Honorable Circuit Court involves one of the most Essential Initial Key Elements of the

initial overall development of the NCR-By-Pass-rm. Railroad Construction Project by this

This current case of National Security and Critical National Public Interest now before

09 - 70576 Case No.

2

ABSOLUTELY CRITICAL ROUTING REQUIREMENTS for the construction of the NCR-By-Pass-TM (North-West Fork), and by 1989 had identified a historic abandoned Western Pacific Railroad route running in a Northwest direction from the Town of Tonopah, NV, through Wadsworth, and then continuing further Northwest to an intersection with the Union Pacific Railroad National Main Linc System in Northwest Nevada, to a location Point identified as: ("FLANIGAN").

25

26

27

28

Unfortunately, as part of an unlawful criminal covert plan by Union Pacific Railroad Company, acting in conjunction with the BNSF as a means to completely eliminate ALL Alternative Clean Burning Power Production Facilities in the US that don't require the Heavy Transportation of massive amounts of Heavy-High Polluting Coal, based on a Strategic Theory violating long standing Anti Trust precedents identified within the NORTHERN SECURITIES CO. Vs. U.S. Case, decided March 14th., 1904, UP decided to Defraud Petitioner and thus execute unlawful actions within the scope of the UP Abandonment Petition identified as: AB-33 (Sub No. 230X) filed by UP October 10th., 2006, for which to abandon an Appx: 21.77-Mile Rail Line from Flanigan, Nevada, to Wendell, California, so that the New High Technology Railroad owned by this Petitioner, "NEVADA CENTRAL RAILROAD," could Never Successfully Acquire this ABSOLUTELY CRITICAL existing Essential Rail Route Connection to the historic ("MODOC") Line, extending due North from Wendell, CA, through Oregon and Washington State, to Vancouver, Canada, as well as to block the NCR from connecting its New Heavy High Speed, High Technology Mainline (Electrified) Railroad System, to the existing clean Alternative Fuel/Geothermal ("HL-ELECTRIC POWER-PRODUCTION PLANT") facility, also located in Wendell, CA. As part of multiple Predicate Criminal Acts in Racketeering, Union Pacific proceeded to criminally engage in a number of unlawful acts including but not limited to, the Interference of Interstate Commerce by Rail, as well as violations of the "Supremacy Clause" within the United States Constitution by failing to operatively comply with all of the provisions of STB Regulations under section: 1152.27-(a)(2), and -(a)(3), as a direct means to effectively terminate Petitioners ability to obtain necessary

2

3

4

5

11

12

13

14

15

16

17

18

19

21

22

23

24

25

1

financing to support his OFA for the acquisition of the Entire (21.77-Mile) Rail Line, as well as the further execution of multiple acts of FRAUD, by virtue of the provision of Knowingly False Information and False Assertions, documented by UP within the subject: AB-33 (Sub No. 230X) abandonment docket, as and about Petitioner, D/B/A: NEVADA CENTRAL RAILROAD, and further as necessary to operatively destroy Petitioners Offer of Financial Assistance, ("OFA"). The bottom line, is that in order to successfully destroy (NCR) and all of its New Transportation and Non-Polluting Electrical Generating Technology, that is Not based on the Mining, Transportation, and Utilization of Heavy-High Polluting Coal, UP very well knew that it had to secretly take any and all action necessary to ultimately include the execution of multiple criminal acts within the scope of a Federal Railroad Abandonment Proceeding, in order to Target and Destroy any and all NON: Heavy-High Polluting Coal Fired Power Plants, specifically in the instant case in the form of the RELATIVELY CLEAN BURNING and or VIRTUALLY POLLUTION-LESS Alternative Electrical Power Generating Facilities within the Unites States, such as but not limited to, the HL-Power Plant in Wendell, CA., that this Petitioner is presently in the process of Lawfully Condemning, that require Rail Access to the National Railroad Transportation Network, thus UP proceeded to systematically abandon strategic Rail Lines, and thus Salvage these Critical Tracks to the Alternative Power Plants, and in this case effectively through their unlawful acts, to Terminate the only connection to the MODOC Route by NCR, as a means to Permanently Terminate and thus Destroy the entire NCR-By-Pass-TM., Railroad Construction Project. However in the instant case, None of the Criminal Objectives by the Union Pacific Railroad Company could ever have been accomplished, without first obtaining the expressed cooperation of individuals employed within the STB: Office of Proceedings, and Office of General Counsel, as well as specific Members of the Board. UP, ultimately requires Significant Exclusive Insider Assistance at the highest levels within the STB, in order to operatively and financially destroy this Petitioner, and as such All Future Competition in the form of the: NEVADA CENTRAL RAILROAD.

2627

2

1

3

4

5

6 7

8

9

11 12

13

14

16

15

17

18

19

22

23

24

25 26

27

28

<u>ORIGINAL REQUESTS BY PETITIONER WITHIN PREVIOUS APPEALS TO STB</u> AND

PREVIOUS MOTION PRACTICE

Petitioner on behalf of the NEVADA CENTRAL RAILROAD corporation, "a Railroad Corporation of Nevada," initially engaged in the (Offer of Financial Assistance) Process, hereafter the ("OFA") Process, concerning the Union Pacific Railroad Abandonment Case Filing publically conducted by the STB within AB-33 (Sub. No. 230X); on (Friday), October 30th., 2006 by first filing by Certified US-Mail, NCR's PUBLIC NOTICE OF INTENT TO ACQUIRE AND PROVIDE FOR THE MAINTENANCE OF INTERSTATE COMMERCE <u>AND OPERATION OF RAIL TRANSPORTATION SERVICES IN WASHOE COUNTY,</u> NEVADA, AND LASSEN COUNTY, CALIFORNIA, thereby lawfully Noticing the STB of the Intent by NCR, and I quote as further described in the same Notice; "to initially institute and maintain Class - III Railroad Operations on the subject lines for which the Union Pacific Railroad Company wishes to dispose, publically described by the Union Pacific Railroad Company as identified for ABANDONMENT in Washoe County, Nevada, and Lassen County, California, within the Union Pacific Railroad Company's, hereinafter (UP or UP's) Petition for Exemption Docket: AB-33 (Sub-No. 230X)." Please see Petitioners EXHIBIT: [A], attached hereto which is a copy of the: NCR Public Comment Letter of: October 13, 2006. This same Public Comment Letter was subsequently lawfully ENTERED by the STB: Office of Proceedings, on October 30, 2006, as part of the: "Public Record."

Petitioner on behalf of NCR, timely filed NOTICE OF INTENT TO FILE OFA on (Wednesday), November 8th., 2006. As quoted within NCR's Notice,: "NCR, pursuant to 49 C.F.R. 1152.27(a), asks the Union Pacific Railroad Company to provide it with copies of the most recent report on the physical condition of the line, the carriers estimate of the net liquidation value of the line, with supporting data including, but not limited to identification of the parcels of land underlying the rights-of-way which are owned in fee and those which are

2

3

4

1

easement grants including [US-Government Granted Rights of Way], the lengths, weight, age and condition of the relay, reroll and scrap rails, the reusable and scrap ties, the speed limits on the line, and any other restrictions which pertain to use of the line by Milepost, and any other information including Engineering Diagrams and Drawings, or Maps, deemed relevant to enable NCR to calculate the net liquidation value of the line and the minimum purchase price which the Union Pacific Railroad seeks for the property." Please see Petitioners EXHIBIT: [B], attached hereto which is a copy of the: NCR NOTICE OF INTENT TO FILE OFA of: November 8th., 2006

10

11

12

13

14

15

16

17

18

19

20

22

23

25

26

Petitioner on behalf of NCR, timely filed MOTION TO STRIKE on (Tuesday), April 29th., 2008. Within the Motion, NCR provided incontrovertible evidence that UP had been deliberately engaging in the Unlawful Salvaging and Alteration of the subject 21.77-Mile rail line, following UP's action to file for Abandonment of same. In a Nut Shell, UP was using a Subcontractor to come in on the line and pick up all of the most valuable rail and switch material on the system, then systematically replace same with "TRASH, in terms of what would be needed in the case of an Operating Railroad, factually defrauding NCR. This Age Old Rail Scheme is based on most cases in within the Mainline Railroads ability to (first); knowingly lure in an Interested Party that they already know are going to file an OFA for a specific line of rail, and (second); to then covertly come in for purposes of deny-ability with a "SPECIAL" Sub-Contractor Hit Team like: Kern Schumacher/Fritz Kahn at A&K - Railroad Materials, or RTI/John Heffner; (in an attempt to generate and thus be capable of then claiming an omission), and direct the Sub-Contractor to criminally Rob the Interested Party under Hobbs, (18 - U.S.C. 1951), and Civil-RICO (18 - U.S.C. 1962c & 62d), by unloading all of the Mainline Railroad's TRASH RAIL in the form of Worn Out Rail Sections by first picking up all of the Useful Rail from a specific targeted rail line, and then replacing same with the TRASH after the OFA is filed. The result is that STB staff within the Office of Proceedings, will knowingly RUN COVER, and authorize the sale of the line based on the Price of Salvage

27

28

by virtue of Weight, as opposed to Useful Rail in terms of useful sections of rail for which a

2

3

5

9

10

11

12

13

14

15

16

17

18

1

Railroad may factually operate, thus defrauding the entity executing the OFA as the Interested Party must then automatically complete the salvage operation previously initiated, and rehabilitate the entire line thus experiencing a Massive Financial and Operational Loss, (All within long established STB rules for Abandonments), unless of course in the case of NCR where NCR uncovers the Criminal Cartel and catches UP in the Criminal Act of Racketeering. This is precisely why UP could never have provided a **Condition Report** to NCR in accordance with the mandatory STB Rules under 1152.27, and instead filed, and as such Pawned Off, an Operational Exception Report used as the basis with which to generate a Speed Chart, that would of course: NOT IDENTIFY (ANY) of the necessary details of the Actual Condition of the TRACK, TIE'S, TIE PLATES, SPIKES, ROADBED, BRIDGES, and any and all other remaining Railroad Materials related thereto. UP already knows that NCR can utilize the information contained within the Condition Report as sufficient incontrovertible evidence in the NCR Federal Court Action, as and against UP, thus "No Condition Report" can ever be provided to NCR in direct contravention of Board Regulations, by UP. This is precisely why the Director of Proceedings documented the Key Words within his Original Decision to Reject the NCR OFA, when he states: "It Appears" that UP has provided NCR with the Condition Report. No matter what, the Director just as in the case of UP, also needs to generate the basis of an omission on behalf of himself and the Board, thus the inclusion of the words; "It!" Appears" as opposed to a simple statement of confirmation of Fact. Please see Petitioners EXHIBIT: [C], attached hereto which is a copy of the: NCR MOTION TO STRIKE of: April 29, 2008.

22

23

24

25

21

Petitioner on behalf of NCR, timely filed <u>MOTION TO STRIKE</u> on (Tuesday), May 13th., 2008. Within the Motion, Petitioner confirmed to the Board, trough the provision of incontrovertible evidence, that UP on May 5th., 2008, had filed a Procedurally Impermissible SUPPLEMENT to their previous Reply filed 25-Days Prior, on April 11th., 2008. Even UP in their own filing on May 5th., 2008 documented that the information contained within the same

26

27

28

filing, was a (SUPPLEMENT) to their own previous Reply of: April 11th., 2009. NCR clearly

and precisely pointed out to the Board the incontrovertible <u>fact</u> that virtually NONE of the Information provided in the May 5th., filing by UP, addressed nor in any way even remotely related as a Reply, to the NCR - MOTION TO STRIKE previously filed on April 29th., 2008. The most important Point of the inclusion by Petitioner of this element of evidence, is the ABSOLUTE FACT that the Board knowingly and deliberately extended time to UP, and as such the opportunity by UP, to file a SUPPLEMENT unlawfully disguised as a Reply even beyond the Statutory and Administrative Practice of the 21-Day Time Limit for filing of any such motion. UP effectively filed: <u>ABSOLUTELY - NO SUBSTANTIVE RESPONSE</u> to the NCR - MOTION TO STRIKE on April 29th., 2008, and yet, All of the Totally Unsubstantiated and Unrelated Information contained within the UP filing of May 5th., 2008 was accepted by the Board. Please see Petitioners EXHIBIT: [D], attached hereto which is a copy of the: NCR - MOTION TO STRIKE of: May 13th., 2008.

Petitioner on behalf of NCR, timely filed NOTICE OF SUBSTITUTION on (Wednesday), August 27th., 2008. Petitioner notified the STB that the NEVADA CENTRAL RAILROAD Corporation of Nevada, had transferred Assets in the form of: Title, Name, and All Rights of the NCR as a "Railroad" to Petitioner, thus Petitioner assumed legal possession and ownership to all STB; filings, applications, petitions, motions, and business development activities presently and active on file by the STB specifically but only relating to the Railroad operated under the name of NEVADA CENTRAL RAILROAD, as previously owned by the Nevada Corporation. The ownership of the Original Corporate Entity as an independent distinct qualified legal entity within the state of Nevada as a wholly owned subsidiary division of AVIATION TECHNOLOGIES LTD., hereafter ("ATL") was Not Conveyed as a result of the Substitution by Petitioner to the STB. Petitioner lawfully conveyed a license to the distinct Corporate Entity in Nevada, owned by ATL, to continue to contemporaneously utilize Petitioners intellectual property in the form of the Trade Mark/Name: NEVADA CENTRAL RAILROAD. Following receipt of the NOTICE OF SUBSTITUTION by the STB, the STB

Granted the Substitution by Petitioner, and therefore

2

3

5

1

Petitioner lawfully proceeded within the scope of AB-33 (Sub. No. 230X), in Person D/B/A: NEVADA CENTRAL RAILROAD, as the lawful owner of the NCR. All equipment presently in possession through contractual agreement by the Independent Nevada Corporation, operating through License Agreement under the name and style of: NEVADA CENTRAL RAILROAD, is owned by: AVIATION TECHNOLOGIES LTD. Please see Petitioners EXHIBIT: [E], attached hereto which is a copy of the: NCR - NOTICE OF SUBSTITUTION of: August 27th., 2008.

Petitioner, D/B/A: NCR, timely filed OFFER OF FINANCIAL ASSISTANCE 10 (PURCHASE) on (Monday), September 15th., 2008. Petitioner also contemporaneously by and . 11 through contractual agreement with the Banks Family Trust, filed his NOTICE OF 12 FINANCIAL GUARANTEE on September 15th., 2008. The Financial Guarantee provided by 13 the Banks Family Trust was a legally qualified Verified Financial Guarantee that met All 14 Requirements of the STB., and was issued by the "TRUSTEE" of the Banks Family Trust: by 15 Kevin M. Banks, as further verified by his lawfully Notarized Signature. The Guarantee was 16 specifically executed to Guarantee Immediate Funds in the amount of: \$ 13,000.00, (Thirteen 17 Thousand-USD.), which would more than cover the: \$ 5,750.00 identified by Petitioner in his 18 Bonafide Offer for the (220-Linear Feet) of rail North-West of the UP Switch at Flanigan. 19 The Financial Guarantee was specifically designed to provide immediate funds in the amount 20 of: \$5,750.00 for the acquisition of the 220' line of rail from UP, as well as to provide additional funds in the amount of: \$ 7,250.00 to rehabilitate the 220' line, into Operable Condition, so Petitioner could immediately proceed to lawfully obtain an FRA Railroad Operating Certificate, and Pass FRA Track Inspection. The \$ 7,250.00 funds to Rehabilitate the Track, 23 would also cover the installation of any necessary Replacement Ties, Signals, Markers, and 24 Support Equipment, to render the 220' line of rail as Operationally Safe, especially considering the fact that Petitioner has already identified such excess material as available at NO COST, 26 but for fuel/oil to transport and materials to install same, for which Petitioner would personally 27

28

engage with the Truck and Trailer Equipment already owned by the NCR, and or

09 - 70576 Case No.

2

5

1

ATL, Nevada Corporations. The subject Financial Guarantee, specifically guaranteed "ADDITIONAL FUNDS" as necessary to maintain operation of the line, for a (5-Year) period in addition to the: \$ 13,000.00, as previously identified therein. Please see Petitioners EXHIBIT: [F], attached hereto which is a copy of the: NCR - OFFER OF FINANCIAL ASSISTANCE (PURCHASE) and NOTICE OF FINANCIAL GUARANTEE of: September 15th., 2008.

Petitioner, D/B/A: NCR, timely filed an APPEAL on (Monday), September 29th., 2008. 9 Within Petitioners APPEAL, Petitioner clearly explained in a precisely detailed manner, that UP on September 17th., 2008, had in fact filed a MOTION as opposed to a REPLY as then 11 stated by the STB. Petitioner also requested in his APPEAL that the information presented 12 therein be included, and by AMENDMENT be made part of the Original OFA filed by 13 Petitioner on September 15th., 2008, as a result of the fact that Petitioner did NOT have the 14 ability to file any RESPONSE to what was in fact for reasons stated therein, was in fact a 15 MOTION filed by UP, nor at a Minimum an allocation of time to have filed a MOTION TO 16 STRIKE the false information contained within the UP filing of September 17th., 2008. 17 Further, Petitioner clearly explained that he had already called Mr. Rudy St. Louis at the STB., in order to obtain instructions for which to file a SUPPLEMENT to the OFA the very next 19 day. This was before UP had responded on September 17th., 2008, as well as before the response in the form of the Decision by the Board was entered as and against Petitioner on September 19th., 2008. Petitioner also notified the Board within his APPEAL that UP deliberately 21 FAILED to identify the fact that the HL-Power Plant was located within 1-Mile of the end of 22 the 21.77-Mile rail line at Wendell, California, who's operation is critically impacted by it's 23 ability to receive Fuel Deliveries via Rail, as opposed to Overland Truck.

Petitioner also clearly and precisely identified the Fact that the case DEFECTIVELY cited by both UP and the Board did Not Apply to the 220' rail line that was being acquired by Petitioner in the instant case at Flanigan. Petitioner clearly and precisely identifies potential shippers that will be supplied by NCR following the acquisition of the 220' rail line, as well as

27 28

24

25

 $\|_{c}$

Case No. 09 - 70576

upon the completion of the appx: 21+ Mile Extension to the 220' rail line at Flanigan.

and Connection to the National Railway System.

Petitioner clearly and precisely indicated to the Board the specific characterization and structure of the BANKS FAMILY TRUST, constituting the more than reasonable basis upon

which the subject Investment Partnership in the form of a "TRUST" is Financially Capable.

Petitioner also clearly notified the Board that the 220' rail line existed as a Critical Link

Petitioner stipulated to the provision of any additional information required by the Board as necessary proof in the event that the Board requested same, within 10-Days following the granting of a Protective Order to Petitioner and the BANKS FAMILY TRUST, to ensure that Petitioner does Not experience further damage resulting from the execution of further unlawful acts by UP.

Petitioner agreed to if necessary: Actually BOND FUNDS to the STB, as Incontrovertible Proof of his Financial Responsibility. Petitioner also identified the inclusion of All Filings within the instant proceeding in direct support of his APPEAL.

Petitioner cited another OFA proceeding in: STB AB-1081X as evidence in support of his APPEAL, as a result of the fact that the Board accepted the Alleged Financial Guarantee in the case of Sonora, regardless of the fact that the subject Guarantee in that case, knowingly did Not Exist as a Direct Financial Guarantee to Sonora, but instead was an INDIRECT alleged Financial Guarantee to an Independent Partner for which Sonora only "Inferred" was supporting his Program to acquire the rail line. In actual practice, said support was rendered through an unlawful: Enterprise. Further and critically important, is the fact that Petitioner clearly and precisely identified the fact within his STB Appeal, that the Board accepted the Financial Information alleged by Sonora to be sufficient for purposes of determining Financial Responsibility, NOT BASED on the FACT that it was confirmed, but rather that it passed what the Director of Proceedings described, as the so called: "ON ITS FACE" Appearance Test, which was a completely different standard as directly applied to Petitioner within the instant case by the very same: STB - Director of Proceedings. In the case of Sonora, the Board

2

25

23

24

26 27

28

determined Financial Capability, based "on the Face" of the appearance of documents, as opposed to the provision of a Direct, Verified and Legally Certified: FINANCIAL GUARANTEE by a reputable financial organization as in the case of this Petitioner, D/B/A: NCR. Petitioner just discovered last week, while executing research necessary to complete the instant APPEAL to the Ninth Circuit Court using the Computer Driven Search Function of the Public STB Web Site that a MOTION TO REJECT OFA was also filed to the STB confirming direct statements by witnesses employed by the very same Bank, for which the alleged Letter of Credit was indicated to have been confirmed, clearly indicating that the said Letter of Credit submitted by Sonora was in fact a False Forged Document and did Not in fact comport in any way with the established format utilized by the same Bank. Most important was the fact that the Director of Proceedings had already confirmed receipt of this same MOTION TO REJECT OFA, one day PRIOR to his decision on behalf of the Board, to officially render Sonora as Financially Responsible within the scope of an OFA. It is also important to note that the Principal of Sonora had executed a Telephone Conversation with Petitioner subsequent to the date and his possession of the alleged Multi Million Dollar "Letter of Credit" and personally confirmed to this Petitioner that he did Not have sufficient financing to support the provision of his OFA. What the STB failed to mention within its decision relating to the Sonora OFA is that the Director, then acting as the Covert ARM of the NEVADA-UP/REID Cartel, was Criminally Motivated to ensure that Sonora would gain control of the subject 73-Mile Line in Arizona, as the Board already knew that this was the Southern Link of the NCR-By Pass, to an absolutely vital connection with the Pacific National Railroad of Mexico. Ultimately in precise compliance with the Plan hatched by the NEVADA-UP/REID Cartel, that upon information and belief was coordinated from an unknown secret location in Salt Lake City, Utah, the Vital 73-Mile rail line was: SALVAGED.

Petitioner also clearly and precisely identified to the Board that his appeal was made with the inclusion of All information Published as Public Record by the Board concerning the Execution, Standards, and Acceptance of OFA's, as well as All Documents filed within the

2

1

proceeding. Please see Petitioners EXHIBIT: [G], attached hereto which is a copy of the:

NCR - APPEAL of: September 29th., 2008.

Petitioner, D/B/A: NCR filed a MOTION TO STRIKE on (Monday), October 27th., 2008. Within Petitioners MOTION, Petitioner clearly and precisely confirmed to the Board that UP was deliberately deceiving the Board, with at best, the provision of a False Assessment, and at worst, a Misleading Assessment of the Operational Viability of the subject 220' rail line, for which Petitioner identified within his OFA in comparison to another abandoned line by UP located in Los Angels, California, identified by UP within STB AB-409 (Sub. No. 5X). In this Motion to Strike, Petitioner Factually Confirmed that the information provided by UP in their previous Reply was ABSOLUTELY FALSE based on the incontrovertible evidence provided by Petitioner to include FACTUAL Confirmation of Prospective Shippers that have a critical necessity to use the subject line, before and after it is extended back North-West to the town of Wendell, California. Most important is that Petitioner confirmed that the Current Power Generating Customer for which Petitioner already possess a lawful binding contract, can be successfully serviced with the existing 220' rail line being acquired by Petitioner, as this Customer only requires a Maximum of (3)-Rail Cars to be delivered at any time by UP to the UP/NCR rail connecting point to enable NCR to take delivery of same and switch said rail cars back in a North-West direction back onto the NCR 220' Mainline Track System. None of the Rail Cars accepted by NCR at the UP/NCR connecting point will ever need to be switched as they are downloaded by virtue of individual Flexible High Pressure Hose Systems that are simply Reeled Out and Remain Connected to each individual Tanker Car, thus extracting said Fuel Products contained within each Car when needed. Once the Cars are Emptied, the NCR Electrified Switch Locomotive simply travels Appx: 185' and returns the Cars back to the UP Line at the UP/NCR connecting point. UP then accepts the Empty Cars and comes back with three additional Rail Cars that are Full. The Total Cost incurred by NCR to operate on the subject line, is more than covered by the operation of the Electrical Power Generating Facility co-located adjacent to the 220' Mainline System, as the Electric Locomotive does Not consume

28

09 - 70576 Case No.

2

1

13

15

16 17

18

21 22

23

24

25 26

27

28

Any Fuel as an expense. The Power Generating Customer has already agreed to construct a drive through Engine House/Locomotive Barn that will be located on the North-West end of the subject 220' Main Line, and this will cnable NCR to Permanently Secure the Locomotive from Vandalism, in addition to the Secured Fencing that will be utilized to protect the Entire Power Generating Facility encompassing the Entire 220' Main Line. Funds for the Construction of the High Technology Blended Fuel Power Plant co-located over the NCR Mainline have already been appropriated by Congress, and as such will exist as funds to totally eliminate the initial cost of construction of the New High Technology Pollution-less Electrical Power Generating Facility, thus virtually All Monies generated from the Operation of the Power Generating Facility are virtually Pure Profit and will more than permanently cover the Continuing Operation of the 220' line, including the permanent operation of the future 21-Mile extension all the way back to the Town of Wendell, to then service the HL-Power Plant which Petitioner clearly identified as pending Condemnation by NCR. Petitioner has clearly identified Existing Shippers ready to fully utilize the line being acquired by NCR. Please see Petitioners EXHIBIT: [H], attached hereto which is a copy of the: NCR - MOTION TO STRIKE of: October 27th., 2008.

Petitioner, D/B/A: NCR, filed a MOTION TO STRIKE on (Tuesday), November 11th., 2008. Within Petitioners MOTION, Petitioner clearly and precisely notified the Board that documented statements by UP contained in their October 21st., 2008 Reply, were False, Defective, and or Misleading, specifically relating to the continued assertion by UP that it had provided NCR with a Condition Report. Petitioner clearly and precisely explained to the Board, precisely what UP had FACTUALLY provided, which was a SPEED CHART, as opposed to a CONDITION REPORT, within this MOTION TO STRIKE. The documented information provided by Petitioner in the form of Incontrovertible Facts, was Not based on Speculation, but Confirmed FACTS. Please see Petitioners EXHIBIT: [1], attached hereto which is a copy of the: NCR - MOTION TO STRIKE of: November 11th., 2008.

2

1

3 | 2 | 5 | 6 | d | 7 | \frac{\frac}\frac{\frac{\frac{\fir}\f{\frac{\frac{\f{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\

17

18

16

19

21

2223

24

2526

27

28

Petitioner, D/B/A: NCR, filed a MOTION TO STRIKE on (Monday), November 24th., 2008. Petitioner's authorized warranted Financial Agent, (BANKS FAMILY TRUST) also contemporaneously filed EVIDENCE on (Monday), November 24th., 2008, as part of and in direct support of Petitioners MOTION TO STRIKE, in the form of a lawfully Certified Verification Statement to the Board, confirming AUTHORIZATION by the Board; (to only be exercised at the option of the Board), to Draw and thus Transfer Funds in the amount of: \$ 5,750.00, to be held in TRUST for NCR, for future Payment to UP for the acquisition of the 220' Rail Line at Flanigan, Nevada. This <u>EVIDENCE</u> in the form of an AUTHORIZATION FOR IMMEDIATE CONVEYANCE OF BOND TO THE STB., was - Only - an "AUTHORIZATION" lawfully contemporaneously filed by Petitioners Agent, in the form of admissible **EVIDENCE** in direct support of Petitioners MOTION TO STRIKE. Petitioner clearly and precisely entered Incontrovertible Evidence of his Financial Capacity in the form of the submission of the Certified Verification Statement to the Board, confirming the ABSOLUTE FACT, that Petitioner was at all times Financially Responsible within this proceeding, in order to confirm the MOTION TO STRIKE filed on November 24th., 2008. Please see Petitioners EXHIBIT: [J], attached hereto which is a copy of the: NCR - MOTION TO STRIKE of: November 24th., 2008.

Petitioner's authorized warranted Financial Agent, (BANKS FAMILY TRUST) again filed EVIDENCE on (Wednesday), December 3rd., 2008, as part of and in direct support of Petitioners previously filed MOTION TO STRIKE of November 24th., 2008, in the form of a second lawfully Certified Verification Statement to the Board, confirming AUTHORIZATION by the Board; (to only be exercised at the option of the Board), to Draw and thus Transfer Funds in the amount of: \$ 5,750.00, to be held in TRUST for NCR, for future Payment to UP for the acquisition of the 220' Rail Line at Flanigan, Nevada. This EVIDENCE in the form of an AUTHORIZATION FOR IMMEDIATE CONVEYANCE OF BOND TO THE STB., was - Only - an "AUTHORIZATION" lawfully contemporaneously filed by Petitioners Agent, in the form of admissible EVIDENCE in direct support of Petitioners MOTION TO STRIKE.

2

3

4

5

1

Petitioner clearly and precisely entered Incontrovertible Evidence of his Financial Capacity in the form of the submission of the Certified Verification Statement to the Board, confirming the ABSOLUTE FACT that Petitioner was at all times Financially Responsible within this proceeding in order to confirm the MOTION TO STRIKE filed on November 24th., 2008. Please see Petitioners EXHIBIT: [K], attached hereto which is a copy of the: EVIDENCE filed by the BANKS FAMILY TRUST on: December 3rd., 2008.

Petitioner, D/B/A: NCR, timely filed an APPEAL on (Tuesday), December 16th., 2008. 9 Within Petitioners APPEAL, Petitioner clearly explained in a precisely detailed manner, the 10 FACT that the EVIDENCE filed by the BANKS FAMILY TRUST was first filed for the 11 specific purpose of confirming Petitioners Financial Capacity, and second, for the expressed 12 purpose of providing the Board with the Authorization to Affirmatively and Administratively 13 Draw and thus Transfer Funds to the Board as necessary to be held in TRUST for NCR as 14 payment to UP, or at the option of the Board, to Not Draw and thus Transfer Funds within 15 the SCOPE of Petitioners OFA. Regardless of the decision by the Board to Affirmatively 16 Draw, or (Freely Not Draw), funds as a result of the provision of the Authorization by BANKS 17 FAMILY TRUST, the submission by the TRUST of this filing in the form of EVIDENCE was 18 at a minimum lawfully submitted for evidentiary purposes. Please see Petitioners EXHIBIT:

21

22

23

24

19

20

16th., 2008.

PETITIONERS REQUEST FOR RELIEF AND

||L], attached hereto which is a copy of the: APPEAL filed by PETITIONER on: December

SUPPORTING POINTS AND AUTHORITIES

2526

Petitioner hereby requests that the following Specific listed Defects and or False Information, as contained within the Docket Filed by the Acting Secretary of the STB, Anne Quinlan recently submitted within the instant proceeding, as further identified below, be

,	
1	Case No. 09 - 70576
2	
3	corrected by Lawful Court Order of this Honorable Court, to accurately read as follows;
4	,
5	A. Docket Entry Line # 20. NCR - [Request to Remove Tolling Period], is
6	FACTUALLY Defective, and should be corrected to read: REPLY TO UP REQUEST TO
7	REMOVE TOLLING PERIOD FOR FILING SUBMISSIONS OF OFFERS OF FINANCIAL
8	<u>ASSISTANCE</u>
9	
10	B. Docket Entry Line # 23. UP - [Reply to Motion to Strike], is FACTUALLY
11	Defective, and should be corrected to read: <u>REPLY TO NCR REPLY AND MOTION TO</u>
12	SUPPLEMENT
13	
14	C. Docket Entry Line # 33. NCR - [Notice of Financial Guarantee], was
15	DEFECTIVELY DOCKETED on September 16th., 2008, and should have been Docketed as
	received on September 15th., 2008.
16	
17	D. Docket Entry Line #39. NCR - [Letter to Inform Board], is FACTUALLY
18	Defective, and should be corrected to read: <u>NOTICE OF INTENT TO FILE MOTION TO</u>
19	STRIKE
20	
21	E. Docket Entry Line # 44. UP - [Reply to Motion to Strike], was DEFECTIVELY
22	DOCKETED on November 3 rd ., 2008, and should have been Docketed as received on November
23	4 th ., 2008.
24	
25	F. Docket Entry Line # 48. NCR - [Evidence of Provision of Bond], is FACTUALLY
26	Defective, and should be corrected to read: <u>EVIDENCE</u>
27	
28	

2

4

1

G. <u>Docket Entry Line # 52.</u> NCR - [Appeal to Reject Evidence filed on November 24th., 2008], is FACTUALLY Defective, and should be corrected to read: <u>APPEAL OF DECISION TO REJECT EVIDENCE</u>

6

7

10

11

12

13

14

15

16

17

18

5

H. Docket Entry Line # 53. STB - [DECISION: DECISION DENIED AN APPEAL <u>OF A DECISION WHICH REJECTED ROBERT ALAN KEMP'S OFFER OF FINANCIAL</u> <u>ASSISTANCE IN THE PROCEEDING, BECAUSE: (1) THE RECORD SHOWS NO</u> OR FUTURE TRAFFIC TO SUPPORT CONTINUED RAIL SERVICE; AND (2) KEMP FAILED TO SHOW THAT HE WOULD BE ABLE TO FINANCE THE PURCHASE AND OPERATION OF THE SEGMENT. ALSO, THIS DECISION REJECTS ANOTHER APPEAL FILED BY KEMP AND ADDRESSES SEVERAL MOTIONS FILED BY KEMP.j, is FACTUALLY Defective, and should be corrected to read: **DECISION: DECISION** DENYING APPEAL OF A DECISION WHICH REJECTED ROBERT ALAN KEMP'S OFFER OF FINANCIAL ASSISTANCE IN THE PROCEEDING, AND DECISION DENYING APPEAL OF A DECISION REJECTING KEVIN M. BANKS FILING OF EVIDENCE IN THE PROCEEDING, AND DECISION DENYING APPEAL OF A DECISION DENYING SPECIFIED MOTIONS FILED BY ROBERT ALAN KEMP IN THE

19 20

21

23

24

25

26

PROCEEDING

A. Petitioner on behalf of the NEVADA CENTRAL RAILROAD corporation, "a Railroad Corporation of Nevada," initially engaged in the (Offer of Financial Assistance) Process, hereafter the ("OFA") Process, concerning the Union Pacific Railroad Abandonment Case Filing publically conducted by the STB within AB-33 (Sub. No. 230X); on (Friday), October 30th., 2006 by first filing by Certified US-Mail, NCR's PUBLIC NOTICE OF INTENT TO ACQUIRE AND PROVIDE FOR THE MAINTENANCE OF INTERSTATE COMMERCE AND OPERATION OF RAIL TRANSPORTATION SERVICES IN WASHOE COUNTY, NEVADA, AND LASSEN COUNTY, CALIFORNIA, thereby lawfully Noticing the STB of the

09 - 70576 Case No.

2

3

4

5

10

11

12

13

14

15

16

17

18

19

20

21

22

1

Intent by NCR, and I quote as further described in the same Notice; "to initially institute and maintain Class - III Railroad Operations on the subject lines for which the Union Pacific Railroad Company wishes to dispose, publically described by the Union Pacific Railroad Company as identified for ABANDONMENT in Washoe County, Nevada, and Lassen County, California, within the Union Pacific Railroad Company's, hereinafter (UP or UP's) Petition for Exemption Docket: AB-33 (Sub-No. 230X)." Please see Petitioners EXHIBIT: [A], attached hereto which is a copy of the: NCR Public Comment Letter of: October 13, 2006. This same Public Comment Letter was subsequently lawfully ENTERED by the STB: Office of Proceedings, on October 30, 2006, as part of the: "Public Record." Union Pacific Railroad did Not file any objections and or opposition to any information contained within NCR's PUBLIC NOTICE OF INTENT TO ACQUIRE AND PROVIDE FOR THE <u>MAINTENANCE OF INTERSTATE COMMERCE AND OPERATION OF RAIL</u> TRANSPORTATION SERVICES IN WASHOE COUNTY, NEVADA, AND LASSEN COUNTY, CALIFORNIA, thus according to long accepted Board Practices under APA, All information as contained within said Public Notice filed by NCR was accepted by the Board within the instant proceeding as FACT, for which any and all subsequent decisions must then be considered. Petitioner now requests that the information provided within NCR's Public Notice of Intent dated: October 13th., 2006 be adjudicated and declared by the Court, as uncontested and be made part of the record in this proceeding as the factual declared and factually accepted and confirmed record of facts and intent of NCR, as neither the Board, nor UP objected at time of filing, to any element of and or any information as contained therein.

23

24

25

26

27

28

Petitioner on behalf of NCR, timely filed NOTICE OF INTENT TO FILE OFA on (Wednesday), November 8th., 2006. Within NCR's Notice: NCR, pursuant to 49 C.F.R. 1152.27(a), asks the Union Pacific Railroad Company to provide it with copies of the most recent report on the physical condition of the line, the carriers estimate of the net liquidation value of the line, with supporting data including, but not limited to identification of the parcels

of land underlying the rights-of-way which are owned in fee and those which are easement grants including [US-Government Granted Rights of Way], the lengths, weight, age and condition of the relay, reroll and scrap rails, the reusable and scrap ties, the speed limits on the line, and any other restrictions which pertain to use of the line by Milepost, and any other information including Engineering Diagrams and Drawings, or Maps, deemed relevant to enable NCR to calculate the net liquidation value of the line and the minimum purchase price which the Union Pacific Railroad seeks for the property." Please see Petitioners EXHIBIT: [B], attached hereto which is a copy of the: NCR NOTICE OF INTENT TO FILE GFA of: November 8th., 2006. Petitioner now requests that the information provided within NCR's Notice of Intent to File OFA dated: November 8th., 2006 be adjudicated and declared by the Court, as uncontested and be made part of the record in this proceeding as the factual confirmed request for specific defined information by NCR within Board Rules as defined by 1152.27(a), as neither the Board, nor UP objected at time of filing, to any element of and or any information as contained therein.

C. Petitioner on behalf of NCR, timely filed MOTION TO STRIKE on (Tuesday), April 29th., 2008. Within the Motion, NCR provided incontrovertible evidence that UP had been deliberately engaging in the Unlawful Salvaging and Alteration of the subject 21.77-Mile rail line, following UP's action to file for Abandonment of same. In a Nut Shell, UP was using a Sub-Contractor to come in on the line to pickup all of the most valuable rail and switch material on the system and systematically replace same with TRASH, in terms of what would be needed in the case of an Operating Railroad, factually defrauding NCR. This Age Old Rail Scheme is based in most cases on the Mainline Railroads ability to (first); knowingly lure in an Interested Party, that they already know are going to file an OFA for a specific line of rail, and (second); to then covertly come in for purposes of deny-ability with a "SPECIAL" Sub-Contractor Hit Team like Kern Schumacher/Fritz Kahn at A&K - Railroad Materials, or RTI/John Heffner, (in an attempt to generate and thus be capable of then claiming an

1

omission), and direct the Sub-Contractor to criminally Rob the Interested Party under Hobbs, (18 - U.S.C. 1951), as a defined Predicate Act within the scope of Civil-RICO (18 - U.S.C. 1962c & 62d), by unloading all of the Mainline Railroad's TRASH RAIL in the form of Worn Out Rail Sections, by first picking up all of the Useful Rail from a specific targeted rail line, and then replacing same with the TRASH after the OFA is filed. The result is that STB staff within the Office of Proceedings, will knowingly RUN COVER, and authorize the sale of the line based on the Price of Salvage by virtue of Weight, as opposed to Useful Rail in terms of useful sections of rail for which a Railroad may factually and safely operate, thus defrauding the entity executing the OFA, as the Interested Party must then automatically complete the salvage operation previously initiated, and rehabilitate the entire line thus experiencing a Massive Financial and Operational Loss, (All within long established STB rules for Abandonments), unless of course in the case of NCR where NCR uncovers the Criminal Cartel, and catches UP in the Criminal Act of Racketeering. This is precisely why UP could never have provided a Condition Report to NCR, in accordance with the mandatory STB Rules under 1152.27, and instead filed, and as such Pawned Off, an Operational Exception Report used as the basis with which to generate a Speed Chart, that would of course: NOT IDENTIFY (ANY) of the necessary details of the Actual Condition of the TRACK, TIES, TIE PLATES, SPIKES, ROADBED, BRIDGES, and any and all other remaining Railroad Materials related thereto. UP already knows that NCR can utilize the information contained within the Condition Report as sufficient incontrovertible evidence in the NCR Federal Court Action, as and against UP, thus "No Condition Report" can ever be provided to NCR in direct contravention of Board Regulations. This is precisely why the Director of Proceedings documented the Key Words within his Original Decision to Reject the NCR OFA, when he states: "It Appears" that UP has provided NCR with the Condition Report. No matter what, the Director just as in the case of UP, also needs to generate the basis of an omission on behalf of himself and the Board, thus the inclusion of the words; "It Appears" as opposed to a simple statement of confirmation of Fact. Please see Petitioners EXHIBIT: [C], attached hereto which is a copy of the: NCR MOTION

28

27

2

3

5

1

TO STRIKE of: April 29, 2008. Petitioner requests that the Court accept entry of Exhibit C., into the record as Evidence confirming the basis upon which Petitioner asserts UP has failed to ever comply with Board Regulations and provide a Condition Report regarding the subject 21.77-Mile line of rail. If procedurally permissible, Petitioner requests that the Court also REVERSE the factually defective decision of the Board to Deny NCR's MOTION TO STRIKE, and as a result to thereby Direct the STB to Affirmatively Strike UP's Reply of April 11th., 2008, and Supplement of April 4th., 2008. Further to Remand and order the Board to Direct UP to fully comply with the requirements of 1152.27(a)., and provide a Complete Comprehensive Condition Report as opposed to an Operational Exception Report, for which a Speed Chart is based by UP engineering division.

12

10

11

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

D. Petitioner on behalf of NCR, timely filed MOTION TO STRIKE on (Tuesday), May 13th., 2008. Within the Motion, Petitioner confirmed to the Board, trough the provision of incontrovertible evidence, that UP on May 5th., 2008, had filed a Procedurally Impermissible SUPPLEMENT to their previous Reply filed 25-Days Prior, on April 11th., 2008, Even UP in their own filing on May 5th., 2008 documented that the information contained within the same filing, was a (SUPPLEMENT) to their own previous Reply of: April 11th., 2009. NCR clearly and precisely pointed out to the Board, the incontrovertible fact that virtually NONE of the Information provided in the May 5th., filing by UP, addressed nor in any way even remotely related as a Reply, to the NCR - MOTION TO STRIKE previously filed on April 29th., 2008. The most important Point of the inclusion by Petitioner of this element of evidence, is the ABSOLUTE FACT, that the Board knowingly and deliberately extended time to UP, and as such the opportunity by UP, to file a SUPPLEMENT unlawfully disguised as a Reply, even beyond the Statutory and Administrative Practice of the 21-Day Time Limit for filing of any such motion. UP effectively filed: ABSOLUTELY - NO SUBSTANTIVE RESPONSE to the NCR - MOTION TO STRIKE on April 29th., 2008, and yet, All of the Totally Unsubstantiated and Unrelated Information contained within the UP filing of May 5th., 2008, was accepted by

the Board. Please see Petitioners EXHIBIT: [D], attached hereto which is a copy of the: NCR-MOTION TO STRIKE of: May 13th., 2008. Petitioner requests that the Court REVERSE the factually defective decision by the Board to Deny NCR's Motion to Strike, and as such Remand and affirmatively Direct the Board to Strike the UP Reply of: May 5th., 2008. Not only was the UP filing an impermissible: Reply to Reply, but it also contained information specifically identified by UP in the form of a Supplement, that could Not be entered after the prescribed 21-Day Period for such a Motion to be submitted by UP. In addition, Petitioner requests that the unlawful alleged Reply be entered into the instant proceeding as Evidence indicating that the Board Arbitrarily and Capriciously Granted UP the ability to both enter a Supplement to a Prior Filing past the date for provision of such Supplement, as well as the Fact that UP Replied within the alleged Reply specifically to information submitted by NCR in its previous Reply, which under Board Rules and APA, is administratively impermissible.

E. Petitioner on behalf of NCR, timely filed NOTICE OF SUBSTITUTION on (Wednesday), August 27th., 2008. Within the Notice of Substitution, Petitioner notified the STB that the NEVADA CENTRAL RAILROAD Corporation of Nevada, had transferred Assets in the form of: Title, Name, and All Rights of the NCR as a "Railroad" to Petitioner, thus Petitioner assumed legal possession and ownership to all STB; filings, applications, petitions, motions, and business development activities presently and active on file by the STB specifically but only relating to the Railroad operated under the name of NEVADA CENTRAL RAILROAD, as previously owned by the Nevada Corporation. The ownership of the Original Corporate Entity as an independent distinct qualified legal entity within the state of Nevada as a wholly owned subsidiary division of AVIATION TECHNOLOGIES LTD., hereafter ("ATL") was Not Conveyed as a result of the Substitution by Petitioner to the STB. Petitioner lawfully conveyed a license to the distinct Corporate Entity in Nevada, owned by ATL, to continue to contemporaneously utilize Petitioners intellectual property in the form of the Trade

Mark/Name: NEVADA CENTRAL RAILROAD. Following receipt of the NOTICE OF

SUBSTITUTION by the STB, the STB Granted the Substitution by Petitioner, and therefore Petitioner lawfully proceeded within the scope of AB-33 (Sub. No. 230X), in Person D/B/A: NEVADA CENTRAL RAILROAD, as the lawful owner of the NCR. All equipment presently in possession through contractual agreement by the Independent Nevada Corporation, independently operating through License Agreement under the name and style of: NEVADA CENTRAL RAILROAD, is owned by: AVIATION TECHNOLOGIES LTD. Please see Petitioners EXHIBIT: [E], attached hereto which is a copy of the: NCR - NOTICE OF SUBSTITUTION of: August 27th., 2008. Petitioner requests that the Court declare and thus confirm the Boards previous decision as legally complaint with Board Regulations to Grant Robert Alan Kemp's Motion for Substitution, thereby enabling Robert Alan Kemp to proceed within the scope of Exclusive Federal Preemption under 49 U.S.C. 10101 and 10901, as an individual person and railroad owner, D/B/A: NEVADA CENTRAL RAILROAD, ("NCR").

F. Petitioner, D/B/A: NCR, timely filed OFFER OF FINANCIAL ASSISTANCE (PURCHASE) on (Monday), September 15th., 2008. Petitioner also contemporaneously by and through contractual agreement with the Banks Family Trust, filed his NOTICE OF FINANCIAL GUARANTEE on September 15th., 2008. The Financial Guarantee provided by the Banks Family Trust was a legally qualified Verified Genuine Financial Guarantee that met All Requirements of the STB., and was issued by the "TRUSTEE" of the Banks Family Trust: by Kevin M. Banks, as further verified by his lawfully Notarized Signature. The Guarantee was specifically executed to Guarantee Immediate Funds in the amount of:

\$13,000.00, (Thirteen Thousand-USD.), which would more then cover the: \$5,750.00 identified by Petitioner in his Bonafide Offer for the (220-Linear Feet) of rail North-West of the UP

Switch at Flanigan. The Financial Guarantce was specifically designed to provide immediate funds in the amount of: S 5,750.00 for the acquisition of the 220' line of rail from UP, as well

as to provide additional funds in the amount of: \$ 7,250.00 to rehabilitate the 220' line, into

Operable Condition, so Petitioner could immediately proceed to lawfully obtain an FRA

1

Railroad Operating Certificate, and Pass FRA Track Inspection. The \$ 7,250.00 funds to Rehabilitate the Track, would also cover the installation of any necessary Replacement Ties, Signals, Markers, and Support Equipment, to render the 220' line of rail as Operationally Safe, especially considering the fact that Petitioner has already identified such excess material as available at NO COST, then for fuel/oil for transportation of and materials to install same, for which Petitioner would personally engage to undertake with Truck and Trailer Equipment already owned by the NCR, and or ATL, Nevada Corporations. The subject Financial Guarantee, specifically guaranteed "ADDITIONAL FUNDS" as necessary to maintain operation of the line, for a (5-Year) period in addition to the: \$ 13,000.00, as previously identified therein. Please see Petitioners EXHIBIT: [F], attached hereto which is a copy of the: NCR - OFFER OF FINANCIAL ASSISTANCE (PURCHASE) and NOTICE OF FINANCIAL GUARANTEE of: September 15th., 2008. Following the review by the Court of Petitioners Motions, for which Petitioner has Appealed in the instant proceeding which had a Material Effect on the previously adjudicated Substance and Procedural Compliance of said OFA and the subsequent Decisions related thereto, Petitioner hereby requests that the Court declare and thereby confirm, that Petitioner's OFA filed contemporaneously along with the Certified Genuine Verified Financial Guarantee filed by the BANKS FAMILY TRUST, was fully compliant with Board Regulations, as it also specified therein as being filed along with the provision of All filings within the Record of Proceedings, and would have included additional information to have been provided by Petitioner in the event that the Director of Proceedings had Not Unlawfully Interfered in the Proceeding, and knowingly and deliberately entered a Premature Decision, thus Procedurally Preempting Petitioners Ability to Perfect any Potential Defects. The OFA as written when taken into consideration with the Certified Financial Guarantee, met and exceeded ALL of the requirements under ICA and ICC regulations now administered by the STB, of what constitutes an OFA under Exempt Proceedings Rules. NCR is a Class-III Railroad, and as such is thus Exempt from Class-I and Class-II. OFA Standards. The Guarantee specifically and in the instant Case FACTUALLY ASSURED the funds for

28

2

3

4

5

9

11

12

13

14

15

16

17

18

19

20

21

22

23

1

the Acquisition Price, and Costs to place the rail into Operation, as well as providing an Additional Open Ended Funding Guarantee, above and beyond the specific stated amount of: \$ 13,000.00 to ensure that NCR can Sustain Operations for a 5-Year Time Period, which is well beyond the Minimum 2-Year statutory requirement. Petitioners OFA in financial terms, was a Reactive Mirror Image of and thus Precisely Accounted for, the Operational Estimates necessary to meet STB requests for Financial Proof's relating to Operations under the 2-Year Statutory Congressional Requirement. Under the ICA and ICC Regulations, US-CONGRESS intended that the Exempted OFA process was very carefully designed with "the specific purpose to foster continued common carrier rail service on lines that otherwise would be abandoned, the OFA rules are construed liberally in favor of the offeror, and this precisely why US-CONGRESS determined that offers need not be detailed." "An offeror need only show that it is financially responsible and that its offer is Bona fide." Further, "the standard for finding of financial responsibility is that the offeror has, or within a reasonable period of time will have, the financial resources to fulfil contractual obligations related to the intended acquisition or subsidy of the subject line." In the instant case, Petitioners OFA was Not Only Bona fide, but was factually Financially Guaranteed beyond the shadow of any doubt. It must be noted, that at No Time, did UP in its alleged efforts to investigate the validity of the BANKS FAMILY TRUST - FINANCIAL GUARANTEE, ever even attempt to establish direct contact with the TRUSTEE for same, in order to substantiate availability of funds as extended by the TRUSTEE on behalf of the Investment Partnership to Petitioner despite the fact that the TRUSTEE'S Ce!! Phone Number was listed right on the Genuine Documented Verified Financial Guarantee. This is because, if UP did in fact at any time establish contact with the TRUSTEE, they very well knew that they would be confirming the FACT that the Guarantee was GOOD.

2425

G. Petitioner, D/B/A: NCR, timely filed an APPEAL on (Monday), September 29th., 2008. Within Petitioners APPEAL, Petitioner clearly explained in a precisely detailed manner, that UP on September 17th., 2008, had in fact filed a MOTION as opposed to a REPLY as then

27

26

stated by the STB. Petitioner also requested in his APPEAL, that the information presented therein be included, and therefore by AMENDMENT be made part of the Original OFA filed by Petitioner on September 15th., 2008, as a result of the fact that Petitioner was not afforded sufficient time to file any RESPONSE to what was in fact for reasons stated therein, a MOTION TO REJECT OFA filed by UP, nor at a Minimum a sufficient allocation of time to have filed a MOTION TO STRIKE false information contained within the UP filing of September 17th., 2008, prior to the Decision by the Board to REJECT OFA. Petitioner requests that the Court to REVERSE the STB Decision Denying Petitioners APPEAL filed on September 29th., 2008, for reasons previously stated herein and as follows;

Petitioner clearly explained that he had called Mr. Rudy St. Louis at the STB., in order to obtain instructions for which to file a SUPPLEMENT to the OFA filed on September 16th., 2008. This was before the discovery by Petitioner of the Decision by the Board entered as and against Petitioner on September 19th., 2008. Petitioner also notified the Board within his APPEAL, that UP knowingly and deliberately FAILED to identify the fact that the HL-Power Plant was located within 1-Mile of the end of the subject 21.77-Mile rail line at Wendelf, California, who's operation is critically impaired by it's inability to receive Fuel Deliveries via Rail, as opposed to Overland Truck.

Petitioner also clearly and precisely identified the Fact that the case DEFECTIVELY cited by both UP and the Board in AB-409 (Sub. No. 5X), did Not Apply to the 220' rail line that was being acquired by Petitioner in the instant case at Flanigan.

Petitioner clearly and precisely identifies potential shippers that will be supplied by NCR following the acquisition of the 220' rail line, as well as Additional Shippers upon the completion of the appx: 21+ Mile Extension to the 220' rail line at Flanigan.

Petitioner also clearly notified the Board that the 220' rail line existed as a Critical Link and Connection to the National Railway System.

Petitioner clearly and precisely indicated to the Board, the specific characterization and structure of the BANKS FAMILY TRUST, constituting the more then reasonable basis upon

which the subject Investment Partnership in the form of a "TRUST" is Financially Capable.

Petitioner stipulated to the provision of any additional information required by the Board as necessary proof in the event that the Board required same, within 10-Days following the granting of a Protective Order to Petitioner and the BANKS FAMILY TRUST, to ensure that Petitioner does Not experience further damage, resulting from the execution of further unlawful acts by UP. It is most Critical to Note at this juncture, that at NO-TIME has the Board uttered even a Single Sentence, and in Fact Not even a Single Word, in response to the CONSISTENT DOCUMENTED REQUESTS BY PETITIONER for a Decision or Communication by the Board for the provision by Petitioner of ANY NECESSARY ADDITIONAL INFORMATION THAT MAY BE REQUIRED BY THE BOARD, nor any communication what so ever regarding Petitioners continuing requirement and requests for a Protective Order. Petitioner requests that the Court Remand and Direct the Board to Grant a Protective Order so that Petitioner can lawfully SUPPLEMENT his OFA without incurring additional damage as a direct and proximate result of criminal actions taken by UP.

Petitioner agreed to if necessary within his APPEAL; to Actually BOND FUNDS to the STB, as Incontrovertible Proof of his Financial Responsibility. Petitioner also identified the inclusion of All Filings within the instant proceeding in direct support of his APPEAL. Petitioner requests that the Court Declare that Petitioner provided the STB as TRUSTEE, with the Option to Receive Funds as BOND for Cash Payment to UP within the scope of his OFA on September 29th., 2008 to demonstrate Financial Responsibility necessary to acquire the subject 220' rail line.

Petitioner cited another OFA proceeding in: STB AB-1081X, as evidence in support of his APPEAL, as a result of the fact that the Board accepted the Alleged Financial Guarantee in the case of Sonora, regardless of the fact that the subject Guarantee in that case knowingly did Not Exist as a Direct Financial Guarantee to Sonora, but instead was an INDIRECT alleged Financial Guarantee to an Independent Partner for which Sonora only "Inferred" was supporting Sonora's Program to acquire the rail line. In actual practice, said support was

2

1

27

28

rendered through an unlawful: Enterprise. Further and critically important, is the fact that Petitioner clearly and precisely identified the fact within his STB Appeal, that the Board accepted the Financial Information alleged by Sonora to be sufficient for purposes of determining Financial Responsibility, NOT BASED on the FACT that it was confirmed, but rather that it passed what the Director of Proceedings described, as the so called: "ON ITS FACE" Appearance Test, which was a completely different standard as directly applied to Petitioner within the instant case by the very same: STB - Director of Proceedings. In the case of Sonora, the Board determined Financial Capability, based "on the Face" of the appearance of documents, as opposed to the provision of a Direct, Verified and Legally Certified: GENUINE FINANCIAL GUARANTEE, by a reputable financial organization, as in the case of this Petitioner, D/B/A: NCR. Petitioner just discovered last week, while executing research necessary to complete the instant APPEAL to the Ninth Circuit Court using the Computer Driven Search Function of the Public STB Web Site, that a MOTION TO REJECT OFA was also filed to the STB, essentially identical to that filed by UP September 17th., 2008 in the instant case, confirming direct statements by witness's employed by the very same Bank, for which the alleged Letter of Credit was indicated to have been confirmed in Sonora, clearly indicating that the said Letter of Credit submitted by Sonora, in fact APPEARED as a False Forged Document, and did Not in fact comport in any way with the established format utilized by the same Bank. Most important, was the fact that the Director of Proceedings, had already confirmed receipt of this same MOTION TO REJECT OFA, one day PRIOR to his decision on behalf of the Board, to officially render Sonora, as Financially Responsible within the scope of an OFA. It is also important to note, that the Principal of Sonora, had executed a Telephone Conversation with this Petitioner, subsequent to the date and his possession of the alleged Multi Million Dollar "Letter of Credit" and personally confirmed to this Petitioner that he did Not have sufficient financing to support the provision of his OFA. What the STB failed to mention within its decision relating to the Sonora OFA, is that the Director then acting as the Covert ARM of the Criminal NEVADA-UP/REID Cartel, was Criminally Motivated to ensure that

•

Sonora would gain control of the subject 73-Mile Line in Arizona, as the Board already knew that this was the Southern Link of the NCR-ByPass, to an absolutely vital connection with the Pacific National Railroad of Mexico. Ultimately in precise compliance with the Plan hatched by the Criminal NEVADA-UP/REID Cartel, that upon information and belief was coordinated from an unknown secret location in Salt Lake City, Utah, the Vital 73-Mile rail line was: SALVAGED. Petitioner requests that the Court declare that the actions by the Board in the instant case in AB-33 (Sub. No. 230X) to REJECT on APPEAL, the provision by Petitioner of the Certified Genuine Verified Financial Guarantee from the BANKS FAMILY TRUST, using a completely different standard as that applied in Sonora, was Arbitrary and Capricious.

Petitioner also clearly and precisely identified to the Board, that his appeal was made with the inclusion of All information Published as Public Record by the Board concerning the Execution, Standards, and Acceptance of OFA's, as well as All Documents filed within the AB-33 (Sub. No. 230X) proceeding. Please see Petitioners EXHIBIT: [G], attached hereto which is a copy of the: NCR - APPEAL of: September 29th., 2008. Petitioner submits to the Court in support of this Appeal the assertion that both UP and the Board are Barred by Collateral Estoppel as a function of procedure within this proceeding from making any claim or assertion that Petitioner does Not Intent to Operate the subject 220' rail line, based on both the Board and UP's previous actions for which they are both bound, when they Failed To Object In Any Way, to the stated intent of NCR as clearly and precisely described within NCR's PUBLIC NOTICE OF INTENT TO ACQUIRE AND PROVIDE FOR THE MAINTENANCE OF INTERSTATE COMMERCE AND OPERATION OF RAIL TRANSPORTATION SERVICES IN WASHOE COUNTY, NEVADA, AND LASSEN COUNTY, CALIFORNIA, a copy of which is attached hercto and as previously identified as Exhibit A.

H. Petitioner, D/B/A: NCR, filed a MOTION TO STRIKE on (Monday), October 27th., 2008. Within Petitioners MOTION, Petitioner clearly and precisely confirmed to the Board, that UP was deliberately deceiving the Board, with at best, the provision of a False Assessment,

2

1

and at worst, a Deliberate Misleading Assessment of the Operational Viability of the subject 220' rail line, for which Petitioner identified within his OFA in comparison to another abandoned line by UP located in Los Angels, California, identified by UP within STB AB-409 (Sub. No. 5X). In this Motion to Strike, Petitioner Factually Confirmed that the information provided by UP in their previous Reply was ABSOLUTELY KNOWINGLY FALSE by UP, based on the incontrovertible evidence provided by Petitioner, to include FACTUAL Confirmation of Prospective Shippers that have a critical necessity to use the subject line, before and after it is extended back 21+ Miles North-West to the town of Wendell, California. Most important, is that Petitioner confirmed that the Current Power Generating Customer for which Petitioner already possess a lawful binding contract, can in Fact, be Operationally Served without the necessity to execute any Switching Operations on the subject 220' Mail Line being acquired by Petitioner, as this Customer only requires a Maximum of (3)-Rail Cars to be delivered at any time by UP, to the UP/NCR rail connecting point to enable NCR to then take delivery of same, and transport said rail cars back in a North-West direction onto the NCR 220' Mainline Track System. None of the Rail Cars accepted by NCR at the UP/NCR connecting point, will ever need to be switched as they are downloaded by virtue of individual Flexible High Pressure Umbilical Hose Systems, that are simply Reeled Out and Remain Connected to each individual Tanker Car, thus automatically extracting said Fuel Products contained within each Car when needed. Once the Cars are Emptied, the NCR Electrified Switch Locomotive, simply travels Appx: 185' and returns the Cars back to the UP Line at the UP/NCR connecting point. UP then simply accepts the Empty Cars, and comes back with three additional Rail Cars that are Full. The Total Cost incurred by NCR to operate on the subject line, is more then covered by the operation of the Electrical Power Generating Facility colocated adjacent to the 220' Mainline System, as the Electric Locomotive does Not consume Any Fuel as an operating expense. The Power Generating Customer has already agreed to construct a drive through Engine House/Locomotive Barn, that will be located on the North-West end of the subject 220' Main Line, and this will enable NCR to Permanently Secure its Electric Switch

28

2

3

5

9

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

1

Locomotive from Vandalism, in addition to the Secured Fencing that will be utilized to protect the Entire Power Generating Facility encompassing the Entire 220' Main Line. Funds for the Construction of the High Technology Blended Fuel Power Plant co-located over the NCR Mainline, have already been appropriated by Congress, and as such will exist as funds to totally climinate the initial cost of construction of the New High Technology Pollution-less Electrical Power Generating Facility, thus virtually All Monies generated from the Operation of the Power Generating Facility are Profit, and thus the generated revenue will more then permanently cover the Continuing Operation of the 220' line, including the permanent operation of the future 21-Mile extension all the way back to the Town of Wendell, to then service the HL-Power Plant which Petitioner clearly identified as pending Condemnation by NCR. Bottom Line, is that Petitioner has clearly identified Existing Shippers ready to fully utilize the line being acquired by NCR. Please see Petitioners EXHIBIT: [H], attached hereto which is a copy of the: NCR - MOTION TO STRIKE of: October 27th., 2008. Petitioner requests that the Court Declare that the subject 220' Main Line at Flanigan, is Not Physically Constrained as described by UP, as in the case of AB-409 (Sub. No. 5X). And further to Declare that this Petitioner can in fact Physically Operate the subject 220' Mail Line, just as in the case of: 1999 United Transportation Union - Vs. - STB Decision in 7th. U.S. Court of Appeals concerning Effingham, wherein the Federal Appeals Court factually determined from both a Legal and Operational Standpoint, that the 216-Foot line of rail acquired in the STB Effingham docket constitutes a sufficient rail line necessary to institute the execution of Interstate Commerce by Rail, and further in that same decision that said initial 216-Foot rail line was both Legally and Operationally Sufficient to constitute a MAIN LINE of rail, precisely as now in the instant case. Petitioner further requests that the Court REVERSE the DEFECTIVE, ARBITRARY and CAPRICIOUS Decision to Deny Petitioners MOTION TO STRIKE dated: October 27th., 2008.

26

STRIKE dated. October 27

27

28

Fetitioner, D/B/A: NCR, filed a MOTION TO STRIKE on (Tuesday), November 11th.,

2

1

3 2008. Within Petitioners MOTION, Petitioner clearly and precisely notified the Board that documented statements by UP contained in their October 21st., 2008 Reply, were False, Defective, and or Misleading, specifically relating to the continued assertion by UP that it had provided NCR with a Condition Report. Petitioner clearly and precisely explained to the Board, precisely what UP had FACTUALLY provided, which was a SPEED CHART, as opposed to a CONDITION REPORT, within the MOTION TO STRIKE. The documented information provided by Petitioner in the form of Incontrovertible Facts, was Not based on Speculation, but Confirmed FACTS. Please see Petitioners EXHIBIT: [I], attached hereto 10 which is a copy of the: NCR - MOTION TO STRIKE of: November 11th., 2008. Petitioners 11 request that the Court Declare that RTI had never intended to operate the line as a Common 12 Carrier executing Interstate Commerce by Rail, and that UP knew the operative intent of RTI 13 to SALVAGE the entire 22-Mile rail line in direct contravention of the intent for which the STB 14 institutes and authorized the OFA Process as a means to preserve a Federally Active Line of 15 Railroad. Further Petitioner requests that the Court Declare that UP has never provided the 16 Condition Report as requested by Petitioner as clearly confirmed within the MOTION TO 17 STRIKE dated November 11th., 2008, and to REVERSE the DEFECTIVE, ARBITRARY and

19

20

22

23

24

25

26

18

J. & K. Petitioner, D/B/A: NCR, filed a MOTION TO STRIKE on (Monday), November 24th., 2008. Petitioner's authorized warranted Financial Agent, (BANKS FAMILY TRUST) also contemporaneously filed EVIDENCE on (Monday), November 24th., 2008, as part of and in direct support of Petitioners MOTION TO STRIKE, in the form of a lawfully Certified Verification Statement to the Board, confirming AUTHORIZATION by the Board; (to only be exercised at the option of the Board), to Draw and thus Transfer Funds in the amount of: \$ 5,750.00, to be held in TRUST for NCR, for future Payment to UP for the acquisition of the 220' Rail Line at Flanigan, Nevada. This EVIDENCE filed in the form of an AUTHORIZATION FOR IMMEDIATE CONVEYANCE OF BOND TO THE STB., was -

CAPRICIOUS Decision by the Board to Deny Petitioners MOTION TO STRIKE.

28

2

1

3 Only - an "AUTHORIZATION" lawfully contemporaneously filed by Petitioners authorized Agent, in the form of admissible EVIDENCE in direct support of Petitioners MOTION TO 5 STRIKE. Petitioner clearly and precisely entered incontrovertible Evidence of his Financial Capacity in the form of the submission of the Certified Verification Statement to the Board, confirming the ABSOLUTE FACT, that Petitioner was at all times Financially Responsible within this proceeding, in order to confirm the MOTION TO STRIKE filed on November 24th., 2008. Please see Petitioners EXHIBIT: [J], attached hereto which is a copy of the: NCR - MOTION TO STRIKE of: November 24th., 2008. Petitioner's authorized 10 warranted Financial Agent, (BANKS FAMILY TRUST) again filed EVIDENCE on 11 (Wednesday), December 3rd., 2008, as part of and in direct support of Petitioners previously 12 filed MOTION TO STRIKE of November 24th., 2008, in the form of a second lawfully Certified 13 Verification Statement to the Board, confirming AUTHORIZATION by the Board; (to only 14 be exercised at the option of the Board), to Draw and thus Transfer Funds in the amount of: 15 \$ 5,750.00, to be held in TRUST for NCR, for future Payment to UP for the acquisition of the 16 220' Rail Line at Flanigan, Nevada. This EVIDENCE in the form of an AUTHORIZATION 17 FCR IMMEDIATE CONVEYANCE OF BOND TO THE STB., was - Only - an 18 "AUTHORIZATION" lawfully contemporaneously filed by Petitioners Agent, in the form of 19 admissible EVIDENCE in direct support of Petitioners MOTION TO STRIKE. Petitioner 20 clearly and precisely entered incontrovertible Evidence of his Financial Capacity in the form of the submission of the Certified Verification Statement to the Board, confirming the 21 ABSOLUTE FACT, that Petitioner was at all times Financially Responsible within this 22 proceeding, in order to confirm the MOTION TO STRIKE filed on November 24th., 2008. 23 Please see Petitioners EXHIBIT: [K], attached hereto which is a copy of the: EVIDENCE filed by the BANKS FAMILY TRUST on: December 3rd., 2008. Petitioner requests that the Board 25 REVERSE the DEFECTIVE, ARBITRARY and CAPRICIOUS Decision to Deny Petitioners 26 MOTION TO STRIKE, the Reply of UP dated November 4th., 2008, and to note within the 27

28

Order, that UP did Not file any OBJECTIONS nor OPPOSITION to Petitioners MOTION

2

1

TO STRIKE, lawfully filed November 24th., 2008.

4

5

11

12

13

14

15

16

17

18

Petitioner, D/B/A: NCR, timely filed an APPEAL on (Tucsday), December 16th., 2008. Within Petitioners APPEAL, Petitioner clearly explained in a precisely detailed manner, the FACT that the EVIDENCE filed by the BANKS FAMILY TRUST was first filed for the specific purpose of confirming Petitioners Financial Capacity, and second, for the expressed purpose of providing the Board with the Authorization to Affirmatively and Administratively Draw and thus Transfer Funds to the Board as necessary to be held in TRUST for NCR as payment to UP, or at the option of the Board, to Not Draw and thus Transfer Funds within the SCOPE of Petitioners OFA. Regardless of the decision by the Board at its Option to Affirmatively Draw, or (Freely Not Draw), funds as a result of the provision of the Authorization by BANKS FAMILY TRUST, the submission by the TRUST of this filing in the form of lawfully Admissible EVIDENCE, was at a minimum lawfully submitted for evidentiary purposes. Please see Petitioners EXHIBIT: [L], attached hereto which is a copy of the: APPEAL filed by Petitioner on: December 16th., 2008. Petitioner requests that the Court REVERSE the DEFECTIVE, ARBITRARY and CAPRICIOUS Decision by the Board to Deny Petitioners APPEAL of: December 16th., 2008, and to also note within said Order, that UP Failed to file any Objections and or Opposition to Petitioners APPEAL.

19 20

21

22

23

24

25

26

M. Petitioner requests that the Court REVERSE the DEFECTIVE, ARBITRARY & CAPRICIOUS Decisions of January 27th., 2009, Denying both of Petitioners previous Appeals of September 29th., 2008, and December 16th., 2008. Petitioner have already established the Fact that UP has NEVER provided all of the information for which they are required to provide to any potential Offeror upon request within the scope of STB 1152.27(a), including but not limited to a Condition Report of the rail line. This deliberate act by UP to knowingly violate Board Regulations was motivated as previously stated herein, by the fact that in the event that UP were to document the actual Condition of each section of; Length, Weight and Age of Relay,

2

1

3 Re-roll, Scrap Rail, Re-usable Rail, Re-usable and Scrap Ties, Rail and Joint Bars, Spikes, 4 Ballast, Drainage, Bridges, Tie Bars, Frogs, Switches, Tie Plates, Rail Anchors, Gauge Rods, Crossings, and Track Bolts, then Petitioner could take that Documented Report and literally HANG Union Pacific Railroad Company. Further, UP deliberately Refused to provide the Condition Report as they very knew that Petitioner could utilize the Report, in order to substantiate the true value existing of the existing line of rail as collateral in order to obtain financing sufficient to acquire the entire line, thus No Report, just a Lie based on the provision of an Operational Exception Report, and Speed Chart. This action by the Board to knowingly 10 enable UP to ignore and thus fail to comply with the requirements of 1152.27(a) exists as a 11 Fatally Defective Error in Mandatory Procedure under the ICA and ICC Regulations, 12 absolutely barring the STB from having ever proceeded with the decision to compel Petitioner 13 to file his OFA. This is precisely what happens when the Director of Proceedings, becomes a 14 willing participant within the Scope of Criminal-RICO. The Board states in its Decision that 15 UP was negotiating with RTI for the Sale of the Line for a period of Appx: 18-MOS., when in 16 fact UP Legal-Staff have already personally confirmed that UP at all relevant times, intended 17 to sell the subject line based on RTI's stated intent as confirmed personally by telephone to this 18 Petitioner, to SALVAGE the line, thus the statement that UP was negotiating with RTI within 19 the Scope of the OFA Process by the Board in its Decision of: January 27th., 2009, was

Absolutely Knowingly FALSE.

On September 12th., 2008, the Board stated that it had Reviewed the Additional Information submitted by UP, and that UP appeared to have met the requirements in 49 1152.27(a), which this Petitioner has already proven was a Complete and Utter Lie by the Director of Proceedings. For example, where in any of the information submitted by UP can the Board now convey to this Petitioner, the Condition of the; Ties at Mile Point 338.35, the Tie Plates at 339.50, the Ballast and Drainage at 344.63, and All of the Bridges on the line. Petitioner can go on and on and on, with the explanation of Incontrovertible Proof that the Director of Proceedings was acting as part of the NEVADA-UP/REID Criminal Cartel, working

27

28

20

21

22

23

24

25

2

1

24/7 to Destroy Petitioner and the NCR.

5

4

6 7

9

10 1 İ

12

13 14

15 16

17

18

19

2021

22

23

24

25

26 27

28

The Board in its Defective Decision, incorrectly based its findings that Petitioner based the Price of his OFA on the NLV previously provided by UP. In Fact, Petitioner did Not base his OFA on the UP-NLV, as Petitioner already knew that the NLV provided by UP was a Criminal Fraud, that Knowingly Mis-characterized the Value of the Line, as that as based on the value of a viable rail line, as opposed to 22-Miles of SALVAGE Steel by Weight. This is precisely why, Petitioner clearly and precisely confirmed in effect that the Price for which his OFA was set in order to Exceed the Deliberate Inflated Price provided by UP for the Track System, only to ensure that the OFFER as set within the Petitioners OFA, would be statutorily deemed as Bona-Fide by both the Board, and the Ninth Circuit Court.

Petitioner hereby respectfully directs the Circuit Court to carefully note that the Boards Decision on September 19th., 2008, ONLY cited a single Case in Los Angeles, California in relation to the Operational Capacity of NCR on the subject 220' rail line as: AB-409 (Sub. No. 5X). Later in the Decision of January 27th., 2009, the La Case in AB-409 is No Where to be found. This is precisely because Petitioner has already filed incontrovertible evidence of his ability to Factually Operate the subject 220' rail line, as a Main Line of Rail by citing Effingham in 1999 United Transportation Union - Vs. - STB in 7th, U.S. Court of Appeals. Effingham Railroad successfully obtained Board Approval for an Operating Exemption within FD-33468 to operate 206.05-Linear Feet of railroad line. Effingham Railroad then continued to eventually successfully maintain and operate in excess of 2-Miles of railroad line, through a combination of Extensions linking multiple sections of Existing rail lines. Bottom line, is that the Board could No Longer Hang Its Hat on the fabricated story previously proffered by UP upon which the Board had in SIGNIFICANT PART already based its Decision to Defectively execute the Wholesale Adoption of the impermissible disguised UP MOTION TO REJECT OFA., filed on September 17th., 2008. This issue was also factually defused within one of Petitioners previously executed MOTIONS TO STRIKE, prior to the Execution by the Board to Deny both of Petitioners Board APPEALS.

2

5

6

10

11

12

13

14

15

16

17

18

19

20

21

22

1

Petitioner prior to the Decision by the Board to Deny both of Petitioners APPEALS, had clearly provided more then sufficient information as necessary to confirm Existing and Future Shippers for use fo the 220' rail line, as well as the 21-Mile line extension back to the Town of Wendel, California. The Decision by the Board to Deny both APPEALS by Petitioner as well as Critical MOTIONS TO STRIKE, was not only Defective, but was Arbitrary and Capricious, as the Board failed to cither cite nor base its Decisions for Denial on any facts what so ever other than bare unsupported assertions of characterization. Virtually No Relevant Facts were relied upon by the Board as the basis upon which to Deny Petitioners APPEALS. The only actual facts as contained within the Decision that have absolutely No Bearing on Petitioners APPEAL, were the Recent Traffic Statistics that were supplied by UP. Petitioner has already confirmed within previous Motions, that UP did Not Engage in discussions with the HL-Power Plant concerning the provision of Rail Service, despite that fact that the Power Plaint is the largest Employer in Lassen County, and literally ship's Millions of Tons of Fuel Products annually to its facility. At No Time did UP ever agree to extend its Track in Wendel, California just one mile in order to serve the Power Plant, as UP in FACT does Not Want TO Rail Serve the Power Plant, as the Plant is Not Powered By Heavy Polluting COAL, for which UP obtains more then [5-X] in Revenue based on Volume, as opposed to Renewable Wood Products as in the case of the Power Plant. The Truth in this case is Not based on Complex Rocket Science. This is PRECISELY why UP just Abandoned another 11-Mile Rail Line, less then 15-Miles from the Plant in Wendel, in the town of Loyalton, California to another CLEAN BURNING Renewable Fuel Power Generating Plant. This case is about Public Corporate Fraud, on the grandest Scale since the construction of the Transcontinental Railroad.

23

24

25

26

Within the Boards Decision of January 27th., 2009, the Board states (in effect), that Petitioner Failed to PROVIDE JUSTIFICATION to Strike the UP Reply of October 7th., 2008, but No Where in the Decision by the Board, does the Board refer to any Specific Element as Factually Identified within Petitioners MOTION TO STRIKE wherein Petitioner Fails to Provide Justification, other then the bare unsupported assertion by the Board that Petitioner

27

3

5

8

11

12

13

14

15

16

2

1

simply attempts to provide a Rebuttal to UP's Reply. This is a disturbing TREND throughout the entire Case, as it Begs the Question: Where are ANY FACTS for which the Board bases Any Decision as contained within the Denial of both of Petitioners APPEALS. The only Party within this Case that provided ANY RELEVANT FACTS, was Petitioner/NCR. Procedurally and Factually Speaking, VOID any Relevant Substantive Facts in Objecting in Opposition to Petitioners Motions in the instant case, the FACTS as stated in Petitioners Motions will absolutely Prevail in terms of both Fact, as well as Procedure. These Facts alone exist as further evidence that the Decisions by the Board in the instant case were at best DEFECTIVE, and at worst ARBITRARY and CAPRICIOUS. The Incontrovertible FACTS as contained within Petitioners MOTIONS TO STRIKE filed on November 10th., 12th., and 24th., 2008, were NEVER DIS-PROVED by the Board nor UP, and thus must in terms of Fact and Procedure Stand as Valid Facts upon which Petitioners MOTIONS TO STRIKE should have been GRANTED. Petitioner again requests that the Decisions by the Board to Deny each of Petitioners MOTIONS TO STRIKE be REVERSED and that the case be Remanded back to the Board with an Order to GRANT All of Petitioners MOTIONS TO STRIKE.

17

18 19 20

22 23

21

2425

26

2728

The Boards Decision to Deny Petitioners request to AMEND his OFA was as previously discussed. Fatally Defective in terms of both Substance and Board Procedure. Petitioner has already Clearly Established that FACT that the UP filing of September 17th., 2008, was only an Un-cleverly Disguised: MOTION TO REJECT OFA, and was Not a Reply as cited by the Board in its January 27th. Decision to Deny Petitioners request to AMEND his OFA. The decision of the Board in this instance is another clear example of Defective, Arbitrary and Capricious behavior, as the Director of Proceedings Deliberately Preempted Petitioners ability to Supplement his OFA, within the well established time period with which to do so. Most important is the Fact that by the Decision to Deny both of Petitioners Appeals on January 27th., 2009, that Board had already accepted incontrovertible EVIDENCE from Petitioner and or Petitioners Authorized Direct Agents, Confirming every issue of Financial Responsibility, as well as the Operational Viability of Petitioners plan to place the 220' rail line into sustained

2

5

1

operation for 50 to 100-Years as a Critical element of the only dedicated Pollution-less North-South Heavy High Speed Transcontinental Railroad in the world, let alone the 30 to 50-Year Viability of sustained Local Class-III Operations.

In the January 27th. Decision, the Board explains its Decision to Deny the APPEAL filed by Petitioner on December 16th., 2008, but FAILS to explain that it only received an AUTHORIZATION to access funds for the expressed purpose of establishing BOND, as popposed to the actual provision by Petitioner of funds to post BOND. The filing of EVIDENCE on November 24th., by Petitioners Direct Authorized Agent, BANKS FAMILY TRUST as preciously addressed within this APPEAL to the Court, was executed (First) in the Form of EVIDENCE, and (Second) in the form of Authorization to the Board, ONLY AT THE OPTION OF THE BOARD, to execute same and thus access funds in the form of a BOND. NO ONE HELD A GUN TO THE HEAD OF THE BOARD, and said TAKE THE MONEY OR ELSE. This is another PERFECT example of how the Board is Twisting the Truth with its seemingly cleaver Staff Attorneys, in order to BARR Petitioner from the execution of Interstate Commerce by Rail. What is MOST disturbing about the Decision on the Point of the Financial Guarantee filed in the form of EVIDENCE, is that the Board in its own Decision admits that Petitioner by and through BANKS FAMILY TRUST, has Factually Incontrovertibly Demonstrated his Financial Capability as revealed in Footnote (2)., prior to the Boards Decision to Deny Petitioners OFA, on the alleged basis that Petitioner failed to prove Financial Capacity.

As to the argument by the Board that there is NO CURRENT or FUTURE TRAFFIC, Petitioner points out to the Court, that No Where in the ICA and ICC Regulations, is an Offeror required to Divulge the Specific Details of his Contracts and of Future Prospective Shippers for which he has worked diligently for more than 33-Years to Develop on the subject rail line, to a Criminal Competitor such as Union Pacific Railroad. This is precisely why CONGRESS has explicitly stated; "that Offers Need Not Be Detailed." The Board states that Petitioner has Failed to address a number of issues, including how the line ending at Wendel,

2728

21

22

23

24

25

26

is going to be Connected to the HL-Power Plant, but this is ABSOLUTELY FALSE.

Petitioner clearly explained in his Motion Practice, that NCR would file for an Exempted Construction Authority from the Board to Re-Construct the Line back to the Town of Wendel, but No Where did Petitioner state nor imply that NCR would Not Construct the Line to the HL Power Plant, which is Factually Located In Wendel, California. Obviously the Legal-Staff supporting the Director of Proceedings and within the General Counsel's Office, are literally Scraping the Barrel for any potential to Mis-Characterize the stated intent of this Petitioner.

Most Important, is that Petitioner is Not Required to divulge the Fact that Petitioner has already Noticed the HL-Power Plant as well as affected Land Owners for more than a Year Prior to Board Decision, of Petitioners action to lawfully Condemn both the Power Plant, as well as the necessary property for a Right of Way for Track Construction. If he Board required additional information from Petitioner, all the Board had to do was to Respond with a Request for Additional Information, as well as the Multitude of Documented Stipulations by Petitioner for the necessity for the Granting of a Protective Order by the Board, and Petitioner would have immediately provided further Details. Petitioner is Not Required by virtue of the OFA Process to literally HAND UP the most Confidential and Proprietary elements of his business development activities further threatening the Legal Viability of his Patented New Heavy High Speed Railroad Technology.

Petitioner only stated that Parallel Tracks could be constructed adjacent to the existing 220' Main Line of rail, that did Not relate in any way to the 21+ Mile Extension of same back to the Town of Wendel. The Board absolutely knows that Side Tracks can be constructed within an existing Right of Way, so long as they don't expand the reach of the Main Line of rail.

I wonder how long it took for a high paid Federal Civil Servant to devise the knowingly FALSE Mis-Characterization of Petitioners intent as to the construction of Parallel Tracks adjacent to the existing 220' Main Line of Rail.

The Board very well knows that NCR has factually executed its Pre-Construction Notice within FD-34382, and has met with STB Staff for the last 5-Years in Las Vegas, Reno, and Washington D.C., in order to lawfully confirm the definition and notice requirements for

2

1

Construction of the NCR-ByPass. Petitioner is now preparing to execute the Deposition of STB Staff, including specific Legal-Staff in order to confirm that the STB is being utilized as an Enterprise within the scope of RICO, as further defined under 18 U.S.C. 1961.

6 Petitioner hereby submits to the Court, that his evidence lawfully submitted to the Board as contained within his Motion Practice to the Board, more then confirms that ALL Issues brought up by the Board in its Defective Decision of January 27th., 2008, are in Fact FALSE. 8 As an Example, the Board goes on to state that Petitioner has FAILED to Show that he could finance the purchase and operation of the subject 220' rail line, as well as the Extensions. This 10 is Absolutely FALSE, as Petitioner has already clearly confirmed to the Board that Petitioner 11 has a Contract Guarantecing funding for the Construction of the 21+ Mile Extension, as well 12 as the Acquisition and Operation of the 220' rail line, which was clearly explained with the 13 provision of Incontrovertible Evidence by prior submissions to the Board within the Scope of 14 prior Motion Practice. Just because the Board denied Petitioners Motions to Strike, the 15 Documented Incontrovertible Factual Evidence provided by Petitioner entered into the Record,

Petitioner asserts that the issues raised by the Board in opposition to the submission of his OFA can be compared and determined as False, through the citation of a number of Case's for which the Board has previously decided. He STB was charged by CONGRESS as a FINDER OF FACT, NOT CONVOLUTED MYTH, COMPOUNDED BY PREDICATE ACTS OF CRIMINAL CONSPIRACY AND FRAUD.

must still be considered by the Board prior to its Decision.

Petitioner asserts that his OFA is essentially in most critical aspects, explained and sustained by previous actions taken by the Board, in; STB FD-33468, Redmond-Issaquah Railroad Preservation Association - Vs. - STB., Borough of Columbia; Shawnee Run Greenway, Inc. - Vs. - STB., and STB AB-1081X.

As in the case of Effingham STB FD-33468 as previously stated, Effingham was found to be a viable line of Rail, that did Not have any Confirmed Shipper located within its 206.50' of line, as in the case of the NCR on the 220' line. Effingham could only have proceeded to

2728

16

17

18

19

20

21

22

23

24

25

2

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

1

engage in Interstate Commerce by Rail, with the subsequent execution of an Extension to its 206.50' linc. Never the less, the Board approved Effingham, and a Federal Court upheld the decision of the Board, and further Declared that the 206.50' line acquired by Effingham was sufficient in terms of length, physical access, and operational characterization, to exist as a Main Linc of rail. In Redmond-Issaguah Railroad Preservation Association - Vs. - STB., the Board despite the provision of Evidence of Potential Shippers on the Line, Denied the OFA proffered by the Home Owners Association, on the basis of Evidence that overwhelmingly and factually proved that the Home Owners Association did Not In Fact, intent to Operate the line, as is Absolutely the Precise Opposite in the instant case of the 220' Main Line, at Flanigan. In the instant case, the Board has every indication of Petitioners intent to institute Class-III Operations on the subject 220' Line, as well as to MASSIVELY EXPAND those Operations following the Re-Construction of the line back to the HL-Power Plant in Wendel, California. Plaintiff has already within this filing, asserted that neither the STB nor UP had executed the provision of any Objections in Opposition to Petitioners Stated Intent to operate the line of rail as clearly described in his Very First Filing, within AB-33 (Sub. No. 230X). In Borough of Columbia; Shawnee Run Greenway, Inc. - Vs. - STB., the STB approved the OFA proffered by Sahd, despite the fact that Sahd admitted that the potential use of the Rail was purely speculative on specific directed shipments, and that No Action would be taken by Sahd to immediately place the line into operation. In the instant case, Petitioner is ready this very second to access Guaranteed Federal Funds to immediately construct a Critical Pollution-less High Technology Power Generating Facility on the 220' line of rail. In STB AB-1081X, the San Pedro filed in Motion Theory, a Virtually Identical MOTION TO REJECT OFA, as was factually filed by UP on September 17th., 2008, and at no time did the Board Deny the MOTION TO REJECT OFA, based on the fact that the STB characterized the MOTION TO REJECT BY San Pedro, as a REPLY.The decision by the Board to Deny both of Petitioners APPEALS to the Board, published on January 27th., 2009, was Blatantly DEFECTIVE, ARBITRARY and CAPRICIOUS. Attorney Thomas McFarland in the: Redmond-Issaguah Railroad

2

3

5

7

8

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

1

Preservation Association case correctly summed it all up, in that the actions by the Board to go beyond the Statutory.Requirements of the ICA and ICC Regulations for OFA Procedures were actions to FACTUALLY CONSTRUCT BARRIERS TO ENTRY, as opposed to actions by which the Board, by which the Board could confirm the intent and capability to acquire and operate a line of rail. In the instant Case, Petitioner has more then demonstrated that the Board is simply in this case, using its own concocted Requirements beyond Statutory Authority as a Barrier to Entry, as the Record is Replete with Massive Material Defects, and Arbitrary and Capricious Activity by the Board, further compounded by the fact that the Board fails to ever GRANT Petitioner nor Petitioners Direct Agent a Protective Order based on Petitioners unfailing requests for same, as well as lawfully binding stipulations for the provision of additional information should the Board Require Same. In this case, the Board REMAINED SILENT as to any requirement for the provision of additional information, as well as Petitioners Motion to Supplement his OFA within the APPEAL PROCESS which is a Well Established Long Standing Practice by the Board. In summary, the Entire Regulatory Process by the Board in this case, is a Total and Complete Closely Coordinated CRIMINAL FRAUD. This Petitioner defies the Court to identify any OFA case's laced with Fraud by both a Class-I Railroad with the Full Assistance and Internal Criminal Cooperation of Internal Board-Staff, then exists within the instant case. For reasons as clearly stated herein and above, Petitioner respectfully requests that the Court REVERSE the Board Decisions to Deny both of Petitioners Board APPEALS, as well as the Decisions to Deny the MOTIONS TO STRIKE included within those Board Appeals, and to REMAND this case back to the STB along with an Order Directing the Board to Reopen the Abandonment Case, and Proceed with and order the sale of the line to Petitioner, D/B/A: NEVADA CENTRAL RAILROAD within 60-Days of the rendering of said Decision by the Court, and for any and all further relief as this honorable Court may deem appropriate including but not limited to the Return by the Board of any and All Filing Fee's for APPEALS

28

27

as were assessed by the Board in this case back to Petitioner, upon submission of necessary

Case No. 09 - 70576

Proofs of same by US-MAIL upon notice for submission from the Court.

Respectfully Submitted this 22nd. Day of April, 2009 by Petitioner Pro-Per:

Robert Alam Kemp, D/B/A: NEVADA CENTRAL RAILROAD.

CERTIFICATE OF SERVICE

I, Robert Alan Kemp, D/B/A: NEVADA CENTRAL RAILROAD certify that on this 22nd., day of April, 2009, I made service of the attached original Informal Opening Brief and Attached Exhibits, upon the United States Court of Appeals for the 9th Circuit at: PO Box: 193939, San Francisco, CA, 94119 and upon the Surface Transportation Board, (STB), C/O: Ronald Molteni, 395 E Street, SW, 12th Floor, Washington, D.C. 20423-0011 by depositing same into the United States First Class Mail with prepaid postage.

Robert Alan Kemp, D/B/A: NEVADA CENTRAL RAILROAD.

COSA

Competition in the Railroad Industry STB Ex Parte No. 705

Concerned Captive Coal Shippers

American Electric Power Service Corporation

The City of Grand Island, Nebraska

Duke Energy Corporation

Dynegy, Inc.

Intermountain Power Project

Progress Energy Carolinas, Inc. and Progress Energy Florida,

__ ___ Seminole Electric Cooperative, Inc.

South Carolina Public Service Authority (Santee Cooper)

South Mississippi Electric Power Association

CCCS Proposals

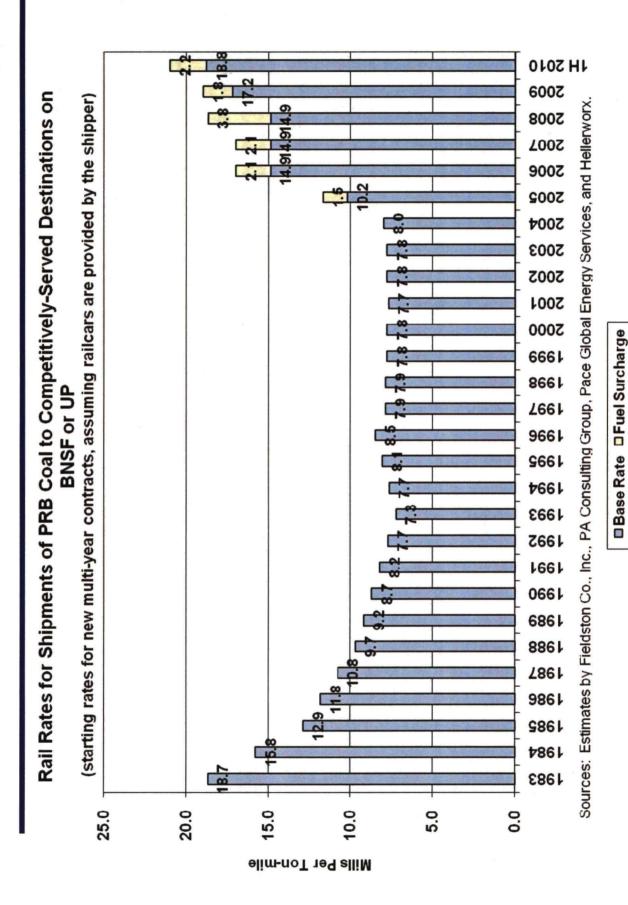
- Adopt simple, readily ascertainable bright-line standards for administering 49 U.S.C. 10705
- CCCS's proposals recognize the statutory consideration of carriers' revenue needs
- would be shorter, the R/VC $_{>180}$ level) for the subject carrier exceeds the STB's RSAM level (or where the new routing Prescribe an alternative through route under Section 10705 where the R/VC ratio for an existing routing
- The most recent RSAM and R/VC_{>180} levels for Class I carriers average 280% and 240%, respectively

Source: STB Ex Parte No. 689 (Sub-No. 1) (STB served July 27, 2010). The identified RSAM and $R/VC_{>180}$ percentages are simple averages of the 2008 results in Tables I and II of the Board's decision.

COMPETITION IN THE RAILROAD INDUSTRY STB EX PARTE NO. 705

WESTERN COAL TRAFFIC LEAGUE STB PUBLIC HEARING EXHIBITS JUNE 22, 2011

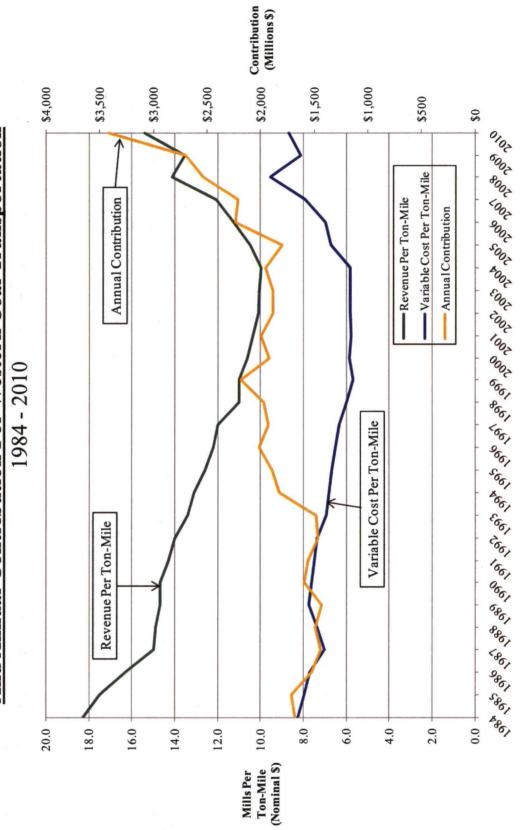
Richards Chart III



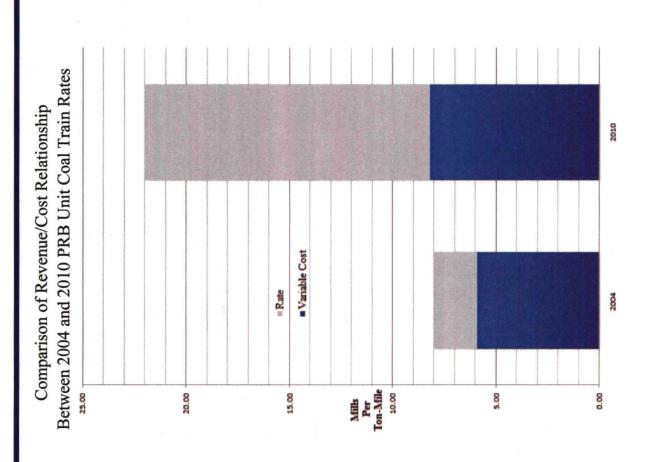
Year

Richards Chart VI

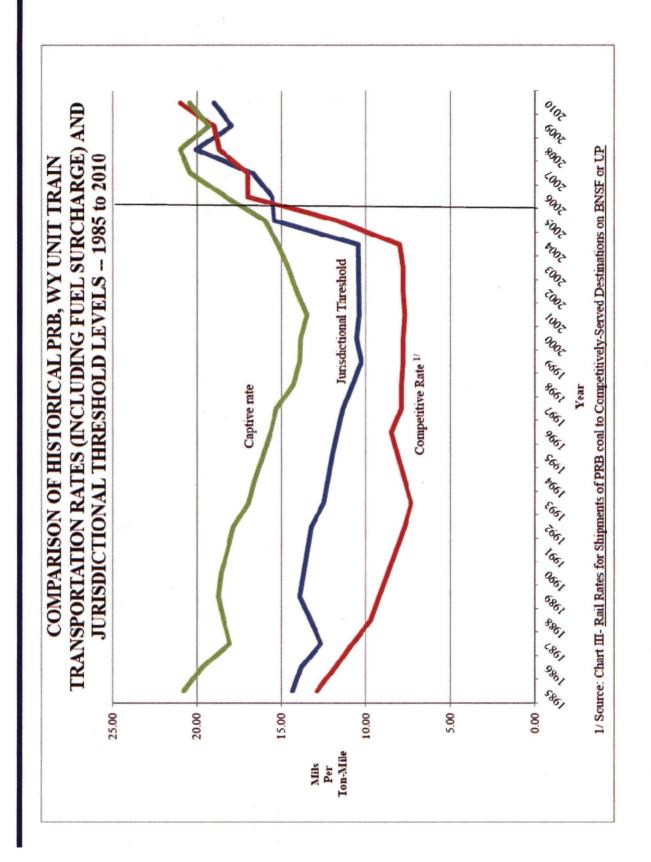




Richards Chart IX



Richards Chart VII

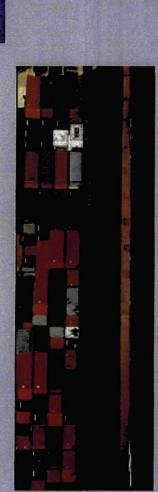


WLFE

AIRFREIGHT & SURFACE TRANSPORTATION

Airfreight & Logistics – Market Overweight Railroads – Market Weight Trucking – Market Overweight

June 22-23, 2011

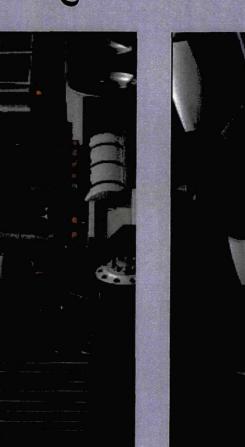


Surface Transportation Board

Hearings on Competition in the Railroad Industry

Scott Group Wolfe Trahan & Co.

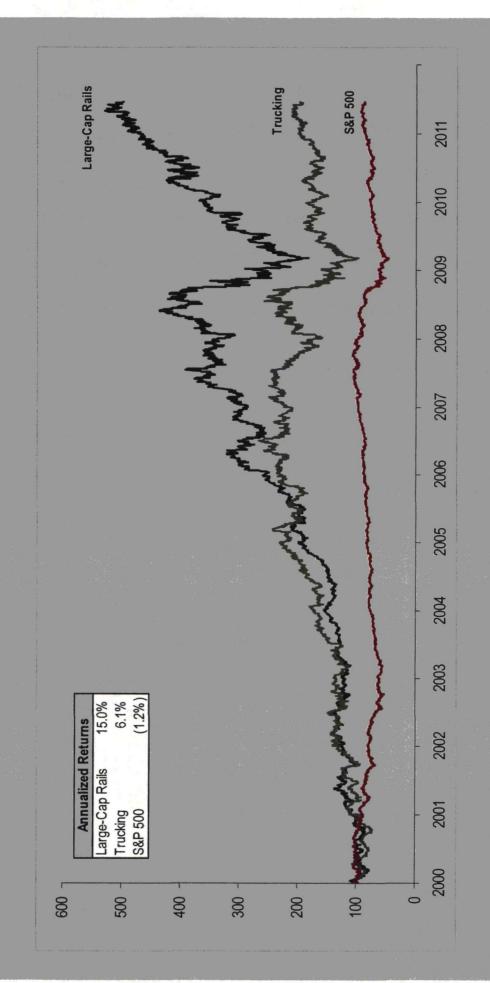
Director; Senior Transportation Analyst





ransport Stock Performance vs. the S&P 500

Rail Stocks Have Materially Outperformed Other Transports and the S&P 500 Since 2005

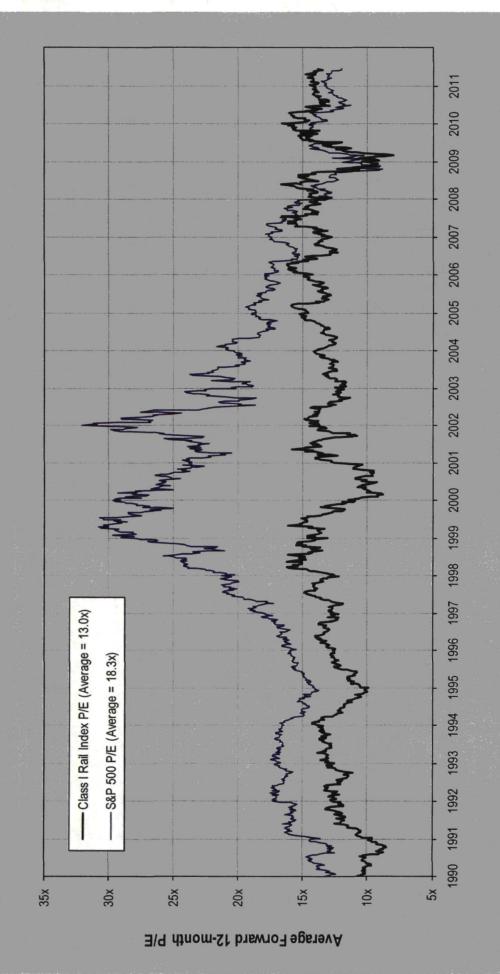


Note: Rail index includes BNI, CNI, CP, CSX, NSC, UNP, CRR, RSP. Trucking index includes CVTI, HTLD, JBHT, KNX, SWFT, WERN, ABFS, AFWY, CNW, ODFL, ROAD, USFC, YRCW, R. Source: FactSet Research Systems Inc.; Wolfe Trahan & Co.



Rail Forward P/E Valuations vs. the S&P 500

▶ The Rails Have Consistently Traded Below a Market Multiple



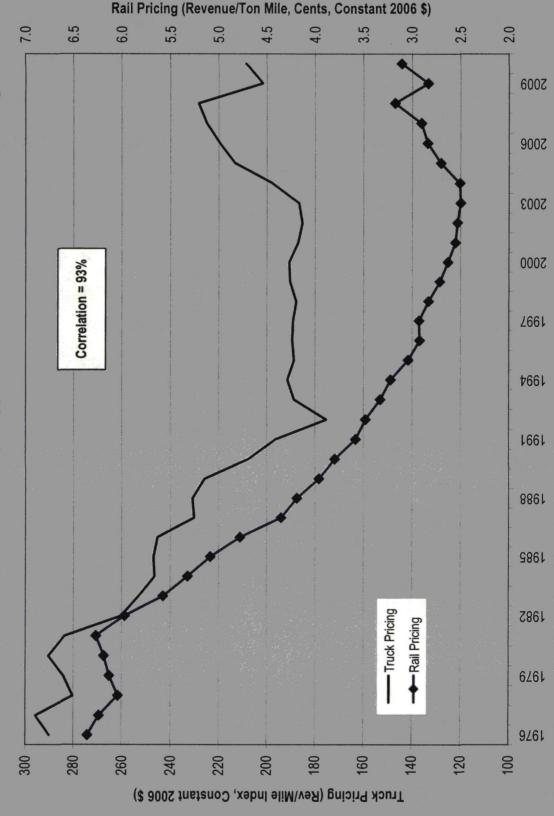
Note: Rail Index includes BNI, CNI, CP, CSX, NSC, and UNP. Source: FactSet Research Systems Inc.; Wolfe Trahan & Co.



Rail vs. Truck Pricing

Rail Rate Increases Have Materially Lagged Truck Rate Increases Since Deregulation

Airfreight & Surface Transportation



W. OF

0- Qt

a-On

0-QN

0- Q-

OD OH

000

000

0000

000 OH

000 Om

000 QN

%9

5%

4%

3%

2%

1%

%0

J.S. vs. Canadian Rail Pricing

Airfreight & Surface Transportation

U.S. Rail Pricing Gains Have Consistently Outpaced Canadian Rail Pricing Gains

11%

203%

Current

U.S. vs.

CSX

112%

Canadian Rails

ISC

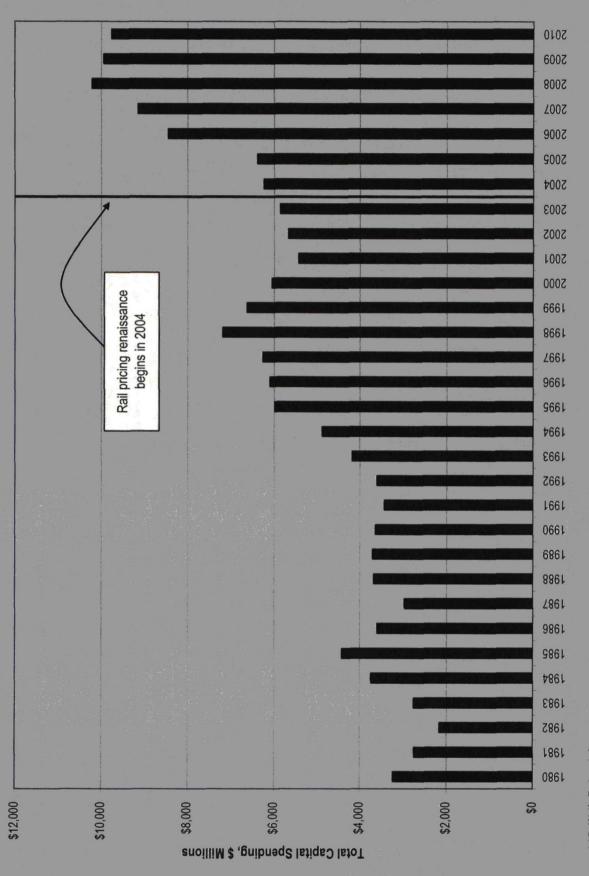
%8

%/

U.S. Rails

17%

Note: Priced as of June 20, 2011; U.S. Rails include BNI, CSX, NSC, and UNP. Canadian Rails include CNI and CP. Stock performance for BNI based on \$100 acquisition price paid by Berkshire Hathaway on 2/12/2010; Source: FactSet Research Systems Inc.; Company reports; Wolfe Trahan & Co. Airfreight & Surface Transportation



Source: AAR; Wolfe Trahan & Co.

Rail Capital Expenditures

▶ Rail CapEx is Materially Higher Than Other Large Companies in the U.S.

Public P		1																			1								
\$5.066 \$1996 \$1996 \$1996 \$1996 \$2.07 \$2.002 \$2.003 \$2.004 \$2.005 \$2.006 \$2.009 \$2.000	10-Yr Avg 2001-2010	\$2,216	1,039	612	1,366	1,107	2,581	\$8,921	1,651	7,270	10-Yr Avg	2001-2010	3.7%	8.4%	7.8%	8.3%	8.3%	1.5%	4.7%	10-Yr Avg	17 1%	17.2%	16.9%	15.2%	13.4%	18.6%	16.4%	2.6%	
\$5.M 1996 1997 1998 1999 2000 2001 2002 2003 2004 2006 2007 2008 2009 <th< th=""><th>5-Yr Avg 2006-2010</th><th>\$2,631</th><th>1,312</th><th>732</th><th>1,685</th><th>1,369</th><th>2,785</th><th>\$10,514</th><th>2,044</th><th>8,470</th><th>5-Yr Avg</th><th>2006-2010</th><th>2.6%</th><th>10.2%</th><th>0.5%</th><th>12.0%</th><th>8.3%</th><th>(2.1%)</th><th>3.7%</th><th>5-Yr Avg</th><th>16.6%</th><th>17.8%</th><th>16.6%</th><th>16.7%</th><th>14.6%</th><th>17.2%</th><th>16.6%</th><th>5.4%</th><th></th></th<>	5-Yr Avg 2006-2010	\$2,631	1,312	732	1,685	1,369	2,785	\$10,514	2,044	8,470	5-Yr Avg	2006-2010	2.6%	10.2%	0.5%	12.0%	8.3%	(2.1%)	3.7%	5-Yr Avg	16.6%	17.8%	16.6%	16.7%	14.6%	17.2%	16.6%	5.4%	
\$5.M 1996 1997 1998 1999 2000 2001 2002 2003 2004 2006 2007 2008 2009 <th< th=""><th>2011E</th><th>\$3,500</th><th>1,757</th><th>1,018</th><th>2,107</th><th>2,223</th><th>3,267</th><th>113,871</th><th>2,774</th><th>11,096</th><th></th><th>2011E</th><th>45.8%</th><th>14.2%</th><th>44.5%</th><th>15.4%</th><th>51.2%</th><th>30.7%</th><th>32.9%</th><th>2044</th><th>NA</th><th>19.0%</th><th>19.4%</th><th>18.0%</th><th>20.4%</th><th>17.0%</th><th>18.7%</th><th>4.9%</th><th></th></th<>	2011E	\$3,500	1,757	1,018	2,107	2,223	3,267	113,871	2,774	11,096		2011E	45.8%	14.2%	44.5%	15.4%	51.2%	30.7%	32.9%	2044	NA	19.0%	19.4%	18.0%	20.4%	17.0%	18.7%	4.9%	
\$2.666 \$2.086 \$1.986 1998 2000 2001 2002 2003 2004 2006 2006 2007 2008 2009												2010	(9.1%)	24.3%	11.0%	26.1%	13.2%	%0.0	7.0%	2040	14.2%	19.1%	14.6%	17.2%	15.4%	14.7%	15.9%	4.9%	
\$5.66 \$2.566 \$2.767 \$2.002 \$2.003 \$2.004 \$2.005 \$2.007 \$2.006 \$2.007 \$2.006 \$2.007 \$2.006 \$2.007 \$2.006 \$2.007 \$2.008 \$2.007 \$2.008 \$2.007 \$2.008 \$2.009 </th <th></th> <th>_</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>2009</th> <th>(7.4%)</th> <th>(8.2%)</th> <th>19.8%)</th> <th>16.8%)</th> <th>16.6%)</th> <th>19.4%)</th> <th>14.3%)</th> <th>0000</th> <th>18.8%</th> <th>19.0%</th> <th>16.3%</th> <th>16.0%</th> <th>16.3%</th> <th>17.7%</th> <th>17.4%</th> <th>5.2%</th> <th></th>		_										2009	(7.4%)	(8.2%)	19.8%)	16.8%)	16.6%)	19.4%)	14.3%)	0000	18.8%	19.0%	16.3%	16.0%	16.3%	17.7%	17.4%	5.2%	
\$2.666 \$2.589 \$2.767 \$2.565 \$1.782 \$1.800 \$1.505 \$1.705 \$1.988 \$2.7179 \$2.617 \$2.567 \$2.568 \$2.767 \$2.568 \$2.767 \$2.568 \$2.767 \$2.568 \$2.767 \$2.568 \$2.767 \$2.568 \$2.767 \$2.568 \$2.767 \$2.568 \$2.767 \$2.568 \$2.767 \$2.568 \$2.767 \$2.568 \$2.767 \$2.617 \$2.568 \$2.767 \$2.617 \$2.768 \$2.767 \$2.707	2008	\$2,850	1,347	791	1,740	1,558	3,100	11,386	2,138	9,248						_	_	_	_	9000	15.8%	16.8%	15.6%	15.5%	14.6%	17.3%	15.9%	2.6%	
\$\$M\$ 1996 1998 1998 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2009 2000 2001 2000 2001 2005 2004 2005 2006 2001 2001 2004 2005 2006 2001 2001 2001 2004 2005 1,172 1,173 1,172 1,173 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>-</th> <th></th> <th></th> <th></th> <th>2007</th> <th>(3.0%)</th> <th>13.5%</th> <th>19.6%</th> <th>8.2%</th> <th>13.8%</th> <th>13.4%</th> <th>8.7%</th> <th>2007</th> <th>16.4%</th> <th>17.6%</th> <th>19.0%</th> <th>17.7%</th> <th>14.3%</th> <th>19.0%</th> <th>17.3%</th> <th>2.6%</th> <th></th>								-				2007	(3.0%)	13.5%	19.6%	8.2%	13.8%	13.4%	8.7%	2007	16.4%	17.6%	19.0%	17.7%	14.3%	19.0%	17.3%	2.6%	
\$2,666 \$2,598 \$2,767 \$2,526 \$1,762 \$1,608 \$1,505 \$1,726 \$1,988 \$2,179 \$398 \$63 \$1,724 \$138 \$1,726 \$1,608 \$1,505 \$1,726 \$1,988 \$2,179 \$398 \$63 \$1,724 \$138 \$1,749 \$13 \$1,449 \$1,137 \$1,449 \$1,137 \$1,449 \$1,137 \$1,449 \$1,137 \$1,449 \$1,137 \$1,449 \$1,137 \$1,449 \$1,137 \$1,449 \$1,137 \$1,449 \$1,137 \$1,449 \$1,137 \$1,440 \$1,137 \$1,440 \$1,137 \$1,440 \$1,137 \$1,440 \$1,137 \$1,440 \$1,138 \$1,462 \$1,100 \$1,128 \$1,128 \$1,1462 \$1,1305 \$1,128												2006	22.6%	17.1%	(4.5%)	44.3%	14.9%	(4.6%)	15.9%	3000	17.8%	16.4%	17.3%	17.1%	12.5%	17.5%	16.4%	2.5%	
\$2,666 \$2,588 \$2,767 \$2,526 \$1,762 \$1,608 \$1,505 \$1,726 \$398 663 724 738 743 684 599 700 1,080 1,059 957 960 956 912 731 746 695 720 1,080 1,059 957 960 956 912 731 746 695 720 1,080 1,059 1,080 1,0																				2005	16.8%	15.8%	20.1%	13.2%	12.1%	21.1%	16.5%	5.3%	
\$2,666 \$2,588 \$2,767 \$2,526 \$1,762 \$1,608 \$1,505 \$386 \$2,88 \$2,767 \$2,526 \$1,762 \$1,608 \$1,505 \$386 \$388 \$389 \$63 724 738 743 684 588 589 \$389 663 724 738 743 684 589 385 1,424 1,187 1,479 1,517 731 746 695 2,076 2,101 2,110 2,158 2,315 2,196 2,389 792 1,281 1,482 1,483 1,482	2004	\$1,988	825	519	1,030	1,041	2,402	\$7,805	1,344	6,461		2004	15.2%	10.2%	5.2%	(2.7%)	44.6%	16.0%	14.5%	7000	18.2%	15.9%	17.3%	12.8%	14.2%	19.7%	16.3%	2.0%	
\$2,666 \$2,598 \$2,767 \$2,526 \$1,762 \$1,608 \$398 663 724 738 743 684 393 620 738 567 385 359 359 1,424 1,187 1,479 1,517 913 930 957 960 956 912 731 746 2,106 2,101 2,110 2,158 2,315 2,196 2,076 2,101 2,110 2,158 2,315 2,196 1,283 1,462 1,305 1,128 1,043 7,123 6,846 7,312 7,113 5,721 5,480 (2,2%) 66.5% 912 7,113 5,721 5,480 (2,2%) 66.5% 912 7,113 5,721 5,480 (2,2%) 66.5% 912 7,113 5,721 5,480 (2,2%) 66.5% 912 7,113 5,721 5,480 (2,2%) 66.5% 912% 1,998 0.7% (8.0%) (2,4.2%) 57.6% 19.1% (23.2%) (32.2%) (6.7%) 4,4% (16.7%) 24.6% (3.9.8%) 7.3% (5.1%) 1.2% 0.4% 2.3% 7.3% (5.1%) 1.2% 0.4% 2.3% 7.3% (5.1%) 14.5% 24.5% 19.1% 17.5% 10.5% 19.6% 26.4% 23.0% 12.6% 15.9% 15.3% 15.0% 20.9% 20.	2003	\$1,726	749	493	1,059	720	2,071	\$6,818	1,242	9/5'9		2003	14.7%	25.2%	38.4%	(1.9%)	3.6%	(12.2%)	3.4%	2003	18.3%	17.7%	18.8%	14.2%	11.1%	17.9%	16.4%	5.1%	
\$\$\mathbb{N}\$ 1996 1997 1998 1999 2000 \$\$2,666	2002	\$1,505	298	356	1,080	695	2,359	\$6,593	954	5,639		2002	(6.4%)	(12.6%)	(%8.0)	16.1%	(%8.9)	7.4%	1.1%	2000	16.8%	15.4%	15.2%	15.0%	11.1%	21.1%	15.8%	6.1%	
\$\$ M\$ 1996 1997 1998 1999 \$2,666 \$2,598 \$2,767 \$2,526 \$398 663 724 738 567 1,424 1,187 1,479 1,517 950 956 912 2,076 2,101 2,110 2,158 77,915 4,187 1,482 1,283 1,462 1,305 7,113 6,846 7,312 7,113 7,123 6,846 7,312 7,113 7,123 6,846 7,312 7,113 7,123 6,846 7,312 7,113 7,123 6,846 7,312 7,113 7,123 6,846 7,312 7,113 7,123 6,846 7,312 7,113 7,12% 66.5% 9.2% 19.9% 20.9% 19.9% 20.9% 10.5% 17.5% 20.9% 20.9% 20.9% 10.5% 17.5% 20.9% 20.9% 14.5% 24.5% 31.5% 24.1% 25.5% 19.6% 26.4% 23.0% 15.0% 14.9% 14.4% 20.5% 21.0% 22.3% 21.2% 20.5% 21.0% 22.3% 21.2% 20.5% 7.1% 7.2% 7.2% 7.2% 7.2%	2001	\$1,608	684	328	930	746	2,196	\$6,523	1,043	5,480		2001	(8.7%)	(8.0%)	(6.7%)	1.9%	2.1%	(5.1%)	(4.8%)	2004	17.5%	18.7%	15.0%	12.9%	12.1%	20.3%	16.1%	7.4%	
\$\$ M\$ 1996 1997 1998 1999 \$2,666 \$2,598 \$2,767 \$2,526 \$398 663 724 738 567 1,424 1,187 1,479 1,517 957 960 956 912 2,076 2,101 2,110 2,158 \$7,915 \$8,128 \$8,774 \$8,418 792 1,283 1,462 1,305 7,123 6,846 7,312 7,113 7,123 6,846 7,312 7,113 7,123 6,846 7,312 7,113 7,123 6,56,99 9.2% 1,9% (24.2%) 66.5% 9.2% 1,9% (24.2%) 66.5% 9.2% 1,9% (24.2%) 7,6% 19.1% (23.2%) 4.4% (16.7%) 24.6% 2.6% 2.0% 19.9% 1.5% 10.5% 17.5% 20.9% 20.9% 14.5% 24.5% 31.5% 24.1% 25.5% 19.6% 26.4% 23.0% 15.3% 15.0% 14.9% 14.4% 20.5% 21.0% 22.3% 21.2% 20.5% 21.0% 22.3% 21.2% 20.5% 21.4% 24.5% 21.2% 21	2000	\$1,762	743	382	913	731	2,315	\$6,849	1,128	5,721		2000	(30.2%)	0.7%	(32.2%)	(39.8%)	(19.8%)	7.3%	(18.6%)	0000	19 1%	20.3%	15.6%	12.6%	11.9%	21.4%	16.8%	7.1%	
\$5.00 1996 1997 1998 \$2,666 \$2,598 \$2,767 398 663 724 393 620 738 1,424 1,187 1,479 957 967 2,101 2,110 2,110 2,110 2,110 2,110 2,110 2,110 2,110 2,110 2,110 2,110 2,110 2,110 2,110 2,110 2,096 1997 1998 37.8% (2.6%) 6.5% 9.2% (2.4%) 6.6.5% 9.2% (2.4%) 6.6.5% 9.2% (2.4%) 6.6.5% 9.2% (2.4%) 6.6.5% 9.2% (2.4%) 6.5% 9.1% 1.2% 0.4% 10.5% 17.5% 24.5% 31.5% 25.5% 19.6% 26.4% 15.3% 15.0% 14.9% 22.3% 20.5% 21.4% 24.5% 31.5% 20.5% 21.4% 24.5% 31.5% 20.5% 21.4% 24.5% 31.5% 20.5% 21.4% 24.5% 31.2% 24.5% 31.5% 20.5% 21.4% 24.5% 31.2% 20.5% 21.4% 24.5% 31.5% 20.5% 21.4% 24.5% 31.5% 20.5% 21.4% 24.5% 31.5% 20.5% 21.4% 24.5% 31.5% 20.5% 21.4% 24.5% 31.5% 20.5% 21.4% 24.5% 31.5% 21.4% 24.5% 31.5% 31.5% 20.5% 21.4% 24.5% 31.5% 31.5% 20.5% 21.4% 24.5% 31.5% 31.5% 20.5% 21.4% 24.5% 31.5% 31.5% 20.5% 21.4% 24.5% 31.5% 31.5% 20.5% 21.4% 24.5% 31.5% 30.5% 21.4% 24.5% 31.5% 30.5% 21.4% 24.5% 31.5% 30.5% 21.4% 24.5% 31.5% 30.5% 21.4% 24.5% 31.5% 30.5% 21.4% 24.5% 31.5% 30.5% 21.4% 24.5% 31.5% 30.5% 21.4% 24.5% 31.5% 30.5% 21.4% 24.5% 31.5% 30.5% 21.4% 24.5% 31.5% 30.5% 21.4% 24.5% 31.5% 30.5% 21.4% 24.5% 31.5% 30.5% 21.4% 24.5% 31.5% 30.5% 31.5% 30.5% 21.4% 24.5% 31.5% 30.5% 31.5%	1999	\$2,526	738	299	1,517	912	2,158	\$8,418	1,305	7,113		1999								1000	27.5%	20.9%	24.1%	23.0%	14.4%	21.2%	21.9%	7.2%	
\$\$ M) 1996 \$2,666 \$ 398 393 11,424 967 2,076 \$7,915 \$ 77,915 7,123 6 (2.9%) 6 (2.9%) 6 (2.9%) 6 (2.9%) 6 12.0% 12.0% 14.5% 15.5% 15.3% 15.3% 20.5% 20.5% 20.5% 20.6% 20.	1998	\$2,767	724	738	1,479	926	2,110	\$8,774	1,462	7,312										1008	30.9%	20.9%	31.5%	26.4%	14.9%	22.3%	24.5%	7.2%	
S\$ M)	1997	\$2,598	993	620	1,187	096	2,101	\$8,128	1,283	6,846		1997	(5.6%)	%5.99	27.6%	(16.7%)	0.3%	1.2%	2.7%	1007	30.9%	17.5%	24.5%	19.6%	15.0%	21.0%	21.4%	7.1%	
NSF NI NSF NI NI SX SX SX SX SX SX SX SX NI NI NI NI NI NI NI NI NI NI NI NI NI	1996	\$2,666	398	393	1,424	296	2,076	\$7,915	792	7,123		1996	37.8%	(5.9%)	(24.2%)	4.4%	2.0%	9.1%	12.0%	1006	32.6%	10.5%	14.5%	25.5%	15.3%	20.5%	19.8%	6.8%	
	Total Capex (US\$ M)	BNSF	CNI	9	CSX	NSC	UNP	Total	Canadian Rails	US Rails		Y/Y % Change	BNSF	CNI	GD GD	CSX	NSC	UNP	Total (US\$)	% of Bevenile	BNSF	CNI	CP	CSX	NSC	UNP	Total Large-Cap Rails	Dow Jones Industrial Average	

Note: Rail capital expenditures include operating lease commitments for locomotives, cars, and other equipment. DJIA uses current constituents for all periods - MMM, AA, AXP, T, BAC, BA, CAT, CVX, CSCO, KO, DD, XOM, GE, HPQ, IBM, INTC, JNJ, JPM, KFT, MCD, MRK, MSFT, PFE, PG, HD, TRV, UTX, VZ, WMT, DIS. DJIA estimates are Consensus for 2011. Source: FactSet Research Systems Inc.; Wolfe Trahan & Co. estimates.

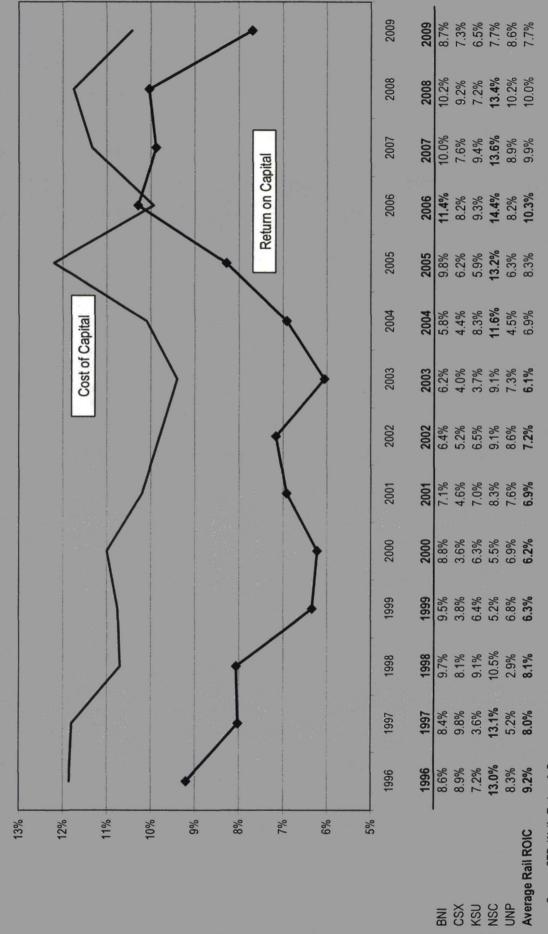


Edward M. Wolfe & Scott H. Group EWolfe@WolfeTrahan.com (646) 845-0770 SGroup@WolfeTrahan.com (646) 845-0721

Rail Returns on Capital vs. Cost of Capital

Airfreight & Surface Transportation

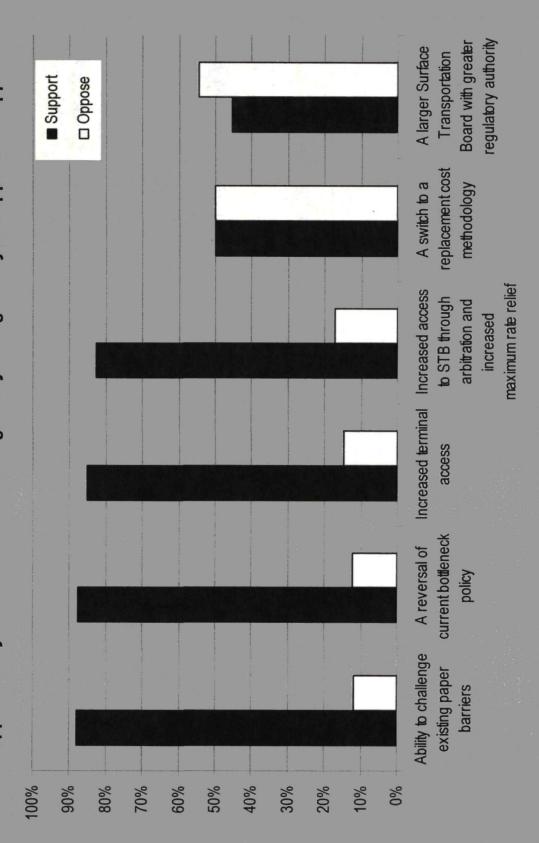
Rails Consistently Do Not Earn Their Cost of Capital... Even on a Historical Book Value Basis



Source: STB; Wolfe Trahan & Co

Shippers Strongly Support Rail Regulatory Reform

Shipper Survey Question: What Rail Regulatory Changes Do you Support and Oppose?



Source: Based on Wolfe Trahan The State of the Freight shipper survey report conducted in 2010, Wolfe Trahan & Co.



EWolfe@WolfeTrahan.com (646) 845-0770 SGroup@WolfeTrahan.com (646) 845-0721

Investment In Rail Infrastructure Is Critical

- Rails are a fuel efficient way to move bulk commodities such as coal, grain, steel, etc.
- Rails can move 1 ton of freight 450-500 miles per gallon of fuel about 4x more fuel efficient than trucks
- Our channel checks reveal that Railroad rates are about 10%-15% cheaper than comparable lane-bylane Truck rates
- Rails can help relieve highway congestion 1 double-stack Intermodal train can take up to 280 trucks off the nation's congested highways
- Rails are a pipeline for offshore goods to move within the U.S.
- Large shipments of consumer freight that are produced well in advance in Asia and transported by ocean to U.S. ports lend themselves to longer-haul, Rail shipments throughout the nation
- Rails are increasingly serving export markets including coal and grain
- Safety Railroads provide a safe way to move hazardous materials, mitigating the risk of an accident with civilians.
- ▶ The Rails continue to improve their safety levels
- Laying 1 mile of rail track is about 1/5 the cost of laying 1 mile of highway.

Major Capacity Expansion Projects by Railroad

- Rails are guiding to higher capital spending above historical averages as a percent of revenue
- CSX: National Gateway public/private partnership to create link between Mid-Atlantic ports and the Midwest; recently opened state of the art Intermodal facility in Northwest Ohio
- infrastructure investment targeting at moving freight off of several congested truck routes between the height of 28 tunnels to allow for double-stack container trains; Crescent Corridor - \$2.5 billion Norfolk Southern: Heartland Corridor - route between Norfolk, VA and Chicago where NSC raised New York and New Orleans;
- Union Pacific: Sunset Corridor double-tracking project between Los Angeles and El Paso, TX; Blair double track project to increase capacity on its Central Corridor in the Midwest
- Kansas City Southern: Recently completed Victoria-Rosenberg build-out creates more efficient cross-border route between the U.S. and Mexico
- and more efficient routes to move coal from the Illinois Basin to electric utilities in the Southeast; Canadian National: Mid-America Corridor – joint initiative with Norfolk Southern to create shorter Recent EJ&E Rail acquisition provides long-term solution to Chicago congestion problems
- Canadian Pacific: Recently announced infrastructure upgrade in the U.S. Midwest to add new and extended sidings; Possible build-out into the Powder River Basin coal mines

Scott H. Group

(646) 845-0721

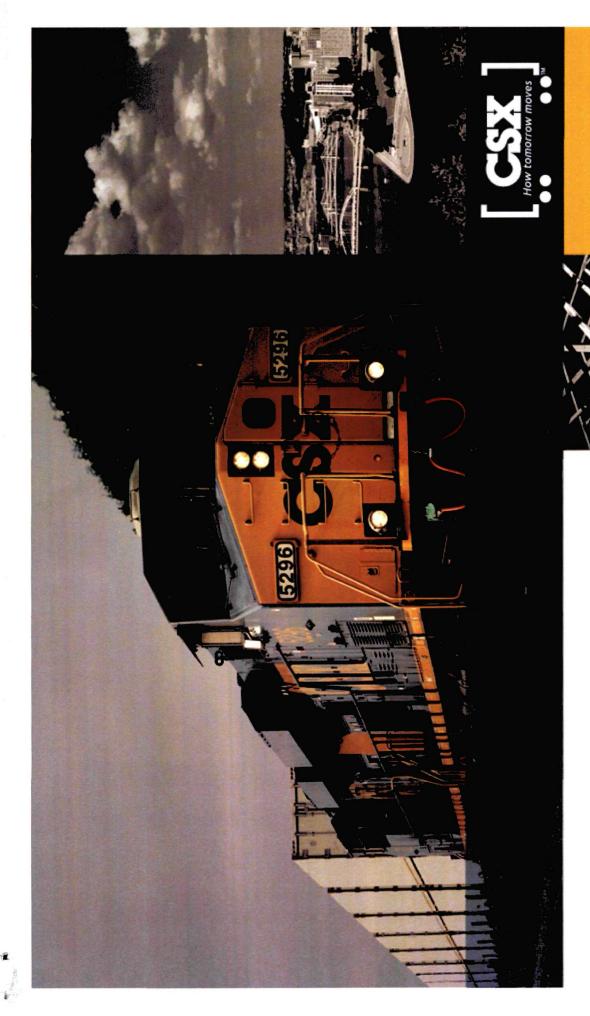
SGroup@WolfeTrahan.com

Edward M. Wolfe

(646) 845-0770

EWolfe@WolfeTrahan.com





COMPETITION IN THE RAILROAD INDUSTRY

Michael Ward CSX Chairman, President and CEO

June 22, 2011

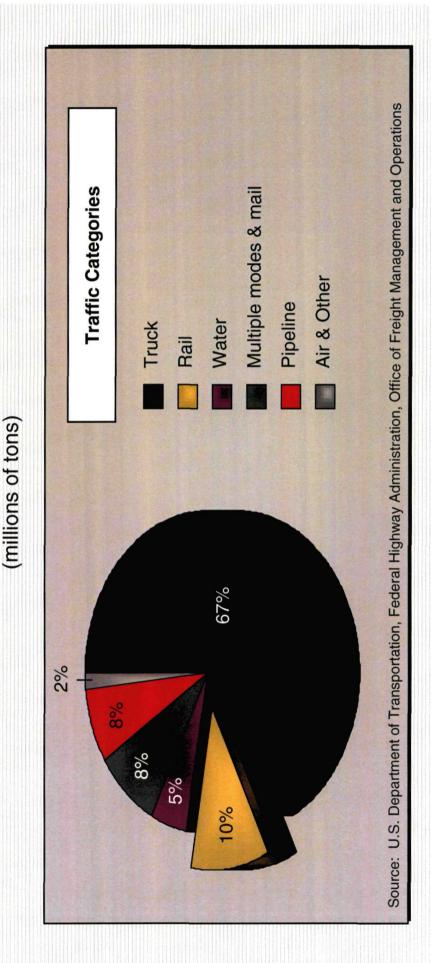
Rail viability is critical to the economy

- U.S. rail system is best and most efficient in the world I Public⊨policyis₌served by a strong rall system
- Bail capital investment requires cost of capital returns
 - CSX is investing 18% of revenue in capital through 2015
- Shorter hauls will constrain profitability, decrease investment Rail profitability depends on long hau freight moves

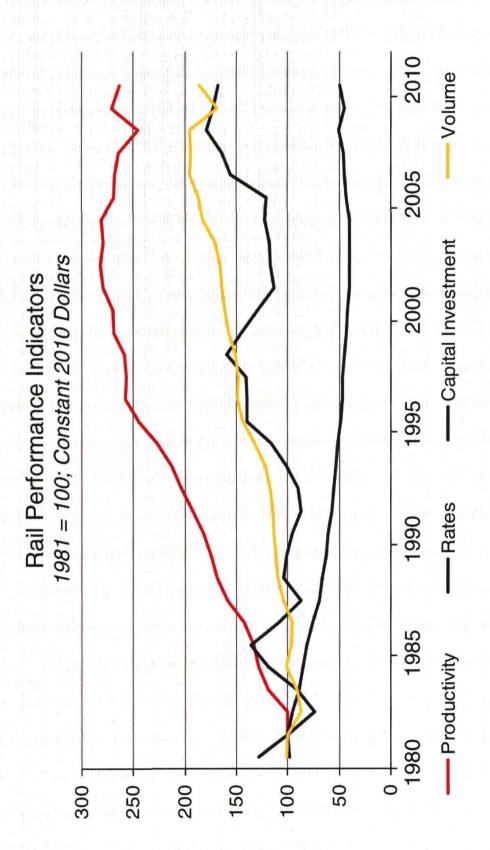


Competition for freight traffic is pervasive

Shipments by Transportation Mode 2009



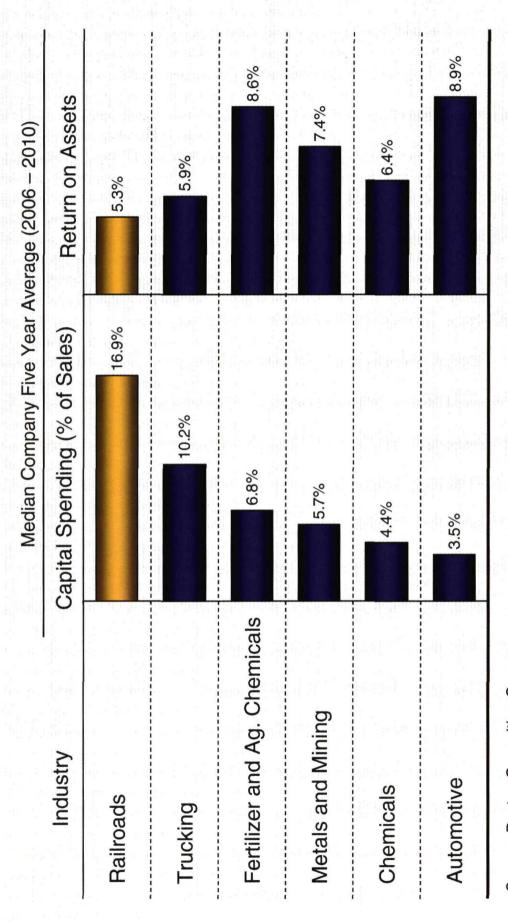
U.S. rails are safe, efficient and investing for growth



Source: AAR; "Rates" are revenue per ton mile; volume is ton-miles



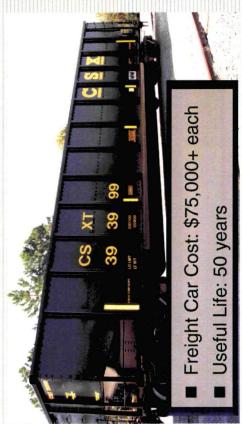
The ability of rails to invest depends on a solid return

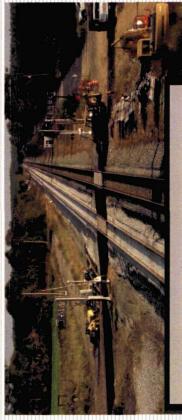


Source: Boston Consulting Group



Rail capital investments are costly and long-lived

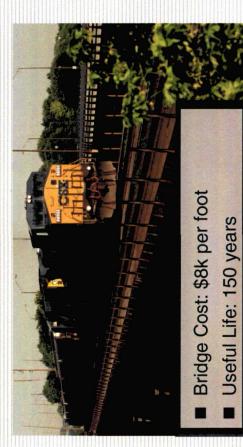




Track Cost: \$1-4M per mileUseful Life: 70 years



Locomotive Cost: ~\$2.5M eachUseful Life: 30 years

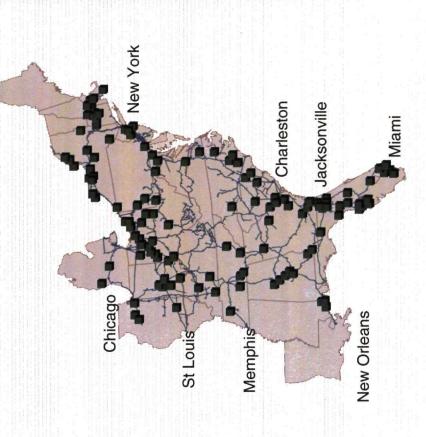


Note: Useful lives are a function of proper maintenance



More customers are choosing to invest in rail

2010 Industrial Announcements on CSX



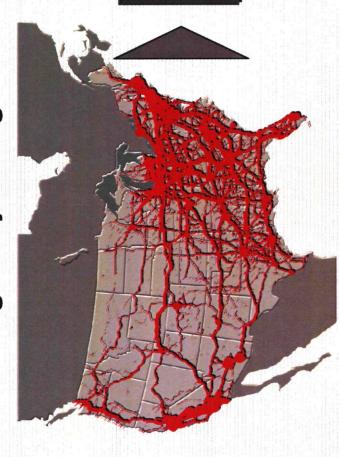
In 2010, CSX announced:

- Opening of 130 new or expanded customer facilities
- \$3.6 billion of customer private capital investment
- Over 5,000 new customer jobs created



Rails must continue to serve critical freight needs

2020 Highway Congestion



projected to grow more than 60% by 2040 Freight demand

Changes to balanced regulation will hurt rail's competitive position

Source: USDOT FHWA Freight Analysis Framework



BEFORE THE SURFACE TRANSPORTATION BOARD

Ex Parte No. 705

COMPETITION IN THE RAILROAD INDUSTRY

ORAL TESTIMONY

OF

LANCE M. FRITZ

STB Ex Parte No. 705 Competition in the Railroad Industry

Oral Testimony of Lance M. Fritz, Executive Vice President-Operations for Union Pacific Railroad Company

Good afternoon. I am Lance Fritz, Executive Vice President-Operations for Union Pacific Railroad. I provided written testimony twice in this proceeding, and I appreciate the opportunity to appear before you today.

The access remedies proposed in this proceeding would have profound and adverse effects on rail safety, productivity, service, capacity, and investment. They are not merely economic and regulatory arrangements. They would change how rail cars and trains move. They also would transfer control of rail moves from railroads to shippers or the Board. The proposals would be destructive to decades of investment and hard work to improve rail safety, service, and productivity on Union Pacific and across the nation. They are inconsistent with everything railroads have been trying to do to compete and to provide efficient service for the last 30 years.

As your own experts have told you, the railroad industry achieved spectacular gains in productivity, efficiency, and safety after 1980, providing huge benefits to shippers. Those improvements were possible only because we gained control over how cars and trains move over our networks. Prior to 1980, shippers could choose any plausible route, and they divided their shipments into inefficient traffic flows that guaranteed an unproductive rail system. Without traffic density, routes could not attract investment, and many carriers either went bankrupt or were headed that way.

The Staggers Act overturned that regime. It allowed railroads to consolidate traffic flows onto fewer routes and achieve much higher densities. We achieved even more productivity gains thanks to the mergers that allowed us to expand control geographically. Recall that the ICC and the Board approved those mergers because they provided the public benefits of single-line service and reduced costs, while maintaining or enhancing competition as well. We delivered on all scores.

In effect, Union Pacific created rail pipelines on which we maximize traffic flows and density. These pipelines are productivity machines. They allow cars and trains to move further without time-consuming delays, such as en-route switching. We call those work events, and we do everything we can to reduce them. With greater densities, we can reduce transit time, improve reliability, reduce costs, and improve safety.

At Union Pacific, we always begin with safety, so I want to explain why density is essential to safety. As you know, railroads have reduced employee injuries by more than 80 percent since

the Staggers Act, and we have eliminated a similar percentage of derailments. This year Union Pacific is again achieving record-breaking safety results.

Well-planned, high-density operations help drive this improvement in two ways. First, although we do all that we can to make rail yards and switching safe, anytime we require employees to conduct a switching operation we add risk to the operation. The more we can move cars without stopping and switching them, the safer we can be. Density allows us to move more cars from origin to destination with fewer switching events.

Second, by consolidating traffic on high-density routes, we are able to justify major innovations and investments in safety on those routes. For example, on our highest density lines, especially those that carry large amounts of coal, we have installed premium rail, concrete ties, and new defect detection technologies that find defects before they find us.

At Union Pacific, by running a well-planned, controlled network we deliver not just on safety, but on service and value as well. These three priorities are co-dependent – by pursuing one we pursue all three. In my opening testimony, I explained how we use traffic density to improve service. In all of our major corridors, we take advantage of volume to run trains that don't have to stop as often, which reduces transit time, improves reliability, and reduces costs. Using those efficiencies, Union Pacific service is earning record high marks for customer satisfaction.

Since 1999 we have invested some \$30 billion in our network. We are using high-quality rail and ties to improve maintainability and reliability; we are replacing and strengthening bridges; we are rebuilding our switching yards and the industrial leads that reach customer facilities, and installing technology that eliminates service interruptions. We tailor our capacity to the demand we expect on each corridor and at each terminal. We strive to maintain enough capacity to provide consistent, high-quality service, which includes surge capacity to handle temporary disruptions such as weather events or maintenance work.

As the pre-Staggers Act world showed, all of these gains can be destroyed by regulation that deprives railroads of the ability to control traffic movements. Think about it. With this agency's encouragement, we spent decades and tens of billions of dollars to build a rail network that maximizes single-line service and productivity, funneling interchange traffic with other railroads over the most efficient gateways. Proposals to change the access rules tell us to turn around and move in the opposite direction. They tell us to reduce traffic density, reduce single-line service, and increase interchanges and make them less efficient. They tell us to under-utilize the investments we have made and to have no confidence that future investment will be justified. They tell us to be less productive and to incur higher costs. This makes no sense and can't be in the public interest.

The specific proposals that will lead us backwards include forced reciprocal switching and forced interchange points. Reciprocal switching consumes limited terminal capacity and reduces efficiency. Expanding reciprocal switching inevitably results in at least one additional

movement between railroads and one additional switching classification that delays shipments, adds costs, and increases safety risks. Track capacity within terminal areas is not designed for additional interchange movements. If we add more movements, we create more delay and more congestion, delaying all shipments. In many major terminals, the additional switching load could exhaust capacity and require capital expansion, an investment that may not be justified economically. Houston, for example, is vulnerable to congestion. The terminal configuration is over a hundred years old, with little room for expansion. The same risks apply in many other terminals, such as Chicago. Any significant increase in terminal switching presents a large risk to the national rail system.

Changing interchange locations, whether by changing the bottleneck rules or creating new through routes, presents a different set of risks. I provided examples in my opening testimony of how Union Pacific carefully structures its train movements to let trains move without stopping and switching. If we instead spin off cars for interchange at various points en route, we will create delays at those points and block other trains serving other shippers. The existing operating plan might not be supportable. In addition to the loss of efficiency, track structure in many places is inadequate for increased interchange. For example, several shippers say that we should interchange more traffic in New Orleans. New Orleans has a lot of trouble handling the traffic it's facing already, and it is the number one gateway for delays on the Union Pacific system today.

For both reciprocal switching and changes in junction points, the ability to make changes quickly would present enormous problems and risks for the railroad. We use a robust business planning process to plan for future traffic volumes. The result is a transportation plan that includes the necessary locomotives, crews and capital investments to meet our three objectives – safety, service and efficiency. Obviously, we adapt to changes in markets and competitive traffic patterns. But we don't take traffic until we are ready to handle it.

If a shipper can make sudden changes in routes, planning would be impossible. All of our services would suffer. We need visibility of future traffic as far in advance as possible.

Introducing another railroad also undermines the planning process. Here's an example: For many years, BNSF – which uses some Union Pacific lines in Texas – handled export grain trains on our line south of Houston, interchanging them to KCS at Robstown. Recently, and with no notice to UP, BNSF shifted a train or two per day to a different route via San Antonio and Eagle Pass. The new operations are causing congestion in San Antonio, where we must stage BNSF trains that can't move to Eagle Pass, and also near Eagle Pass, a Mexican border crossing, where we don't have capacity for these additional trains. If this sort of unexpected change were the norm instead of the exception, our rail service would be crippled.

The Board also needs to understand that today's interline services between willing railroads work a lot better than forced interchanges between competitors, one of which is losing business.

Take the example of coal trains coming from Colorado mines through Denver. Union Pacific spent over \$30 million to create a through route in Denver. If a shipper were to decide that it wanted those eastbound trains interchanged to BNSF, both railroads would be blocked with reverse movements in the center of Denver. Our \$30 million investment would be underused or wasted. We would have no incentive to spend millions more to improve interline service to help a competitor win business from us.

While shippers are likely to see the negative impact of access remedies on service and investment, I remain most disturbed by the safety implications. As I discussed above, more switching and more work events mean more risk. In addition, less incentive and ability to invest means less innovation and less new technology to improve safety even further. None of the shippers even mention the potential safety risks that are inherent in their proposals.

Finally I want to address a brief statement by Richard McDonald which asserts that my concerns do not apply to unit coal train traffic.

First, as Mr. McDonald should recall, Union Pacific and CNW merged into one system because their service was trouble-plagued and not good enough, even though they had every advantage available to interline moves. They built their facilities as an integrated whole and they had every incentive to cooperate. But they disagreed about the number of locomotives on coal trains, which required that trains be stopped to add and remove locomotives, and CNW delayed trains to and from mines that it did not service.

Second, one of the major problems we face today is that connecting railroads will not take coal trains when they arrive at interchange points. When this happens, we often must stage the train on one of our busy tracks for hours or more, where they block other trains. Locomotive and car utilization both suffer, as does service to our joint customer.

CONCLUSION

Railroads have done what Congress expected when it enacted the Staggers Act. They became highly efficient and passed along many of the benefits to customers in lower rates. They became amazingly safer. They improved infrastructure. They invested hundreds of billions of dollars to carry out their objectives of providing more reliable on-line service and the best service possible over limited interchanges. The ICC and the Board encouraged them to build larger systems that have invested more and improved safety and service. The Board should not destroy these successes by moving backwards to reduce rates for some shippers.



EP 705 - Competition Norfolk Southern Railway Company *June 23, 2011*

James Hixon, EVP – Law and Corporate Relations Mark Manion, EVP & Chief Operating Officer

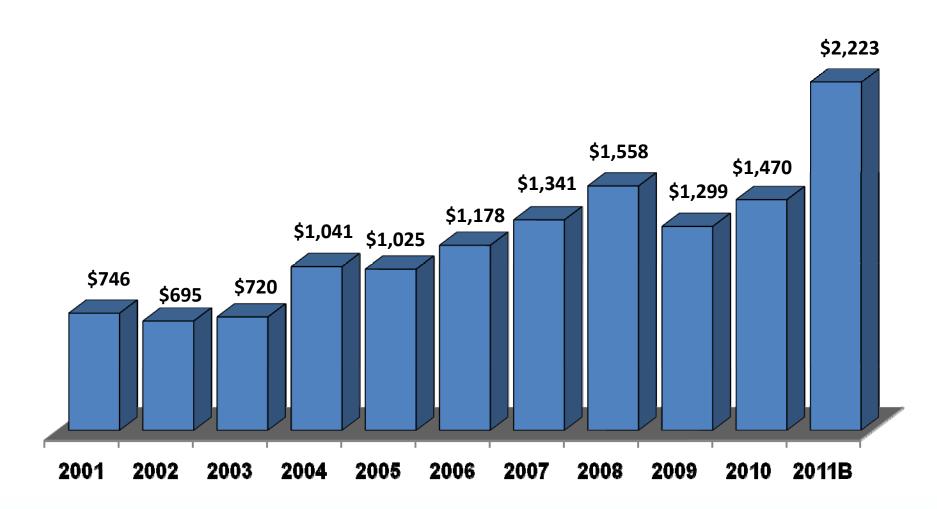


Record Investment and Innovation

- NS' projected investment in cap ex in 2011 is at a record level.
- NS is developing new technologies to improve service, efficiency, and the environmental benefits of rail.



NS Capital Expenditures (\$ millions)





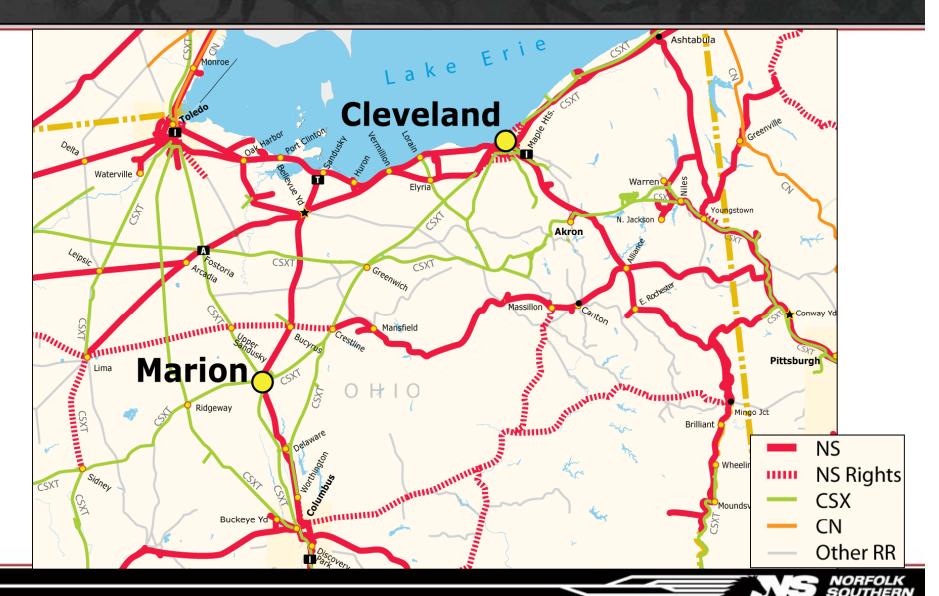
NS Innovations

- Operating Plan Developer (OPD)
- LEADER (a fuel efficiency technology)
- Unified Train Control System (UTCS)
 - 15 years in making
 - NS is only railroad in world pursuing
- Top of Rail Friction Modification
- Remote Control Locomotives
- Wayside Detection Systems
- Remote Intelligent Terminals (RIT)
- Wireless Event Recorder

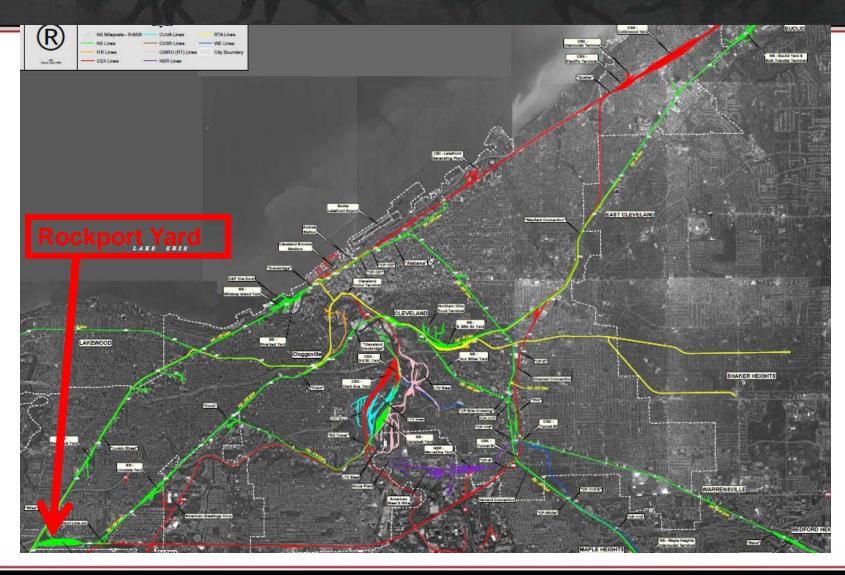


One line, infinite possibilities.

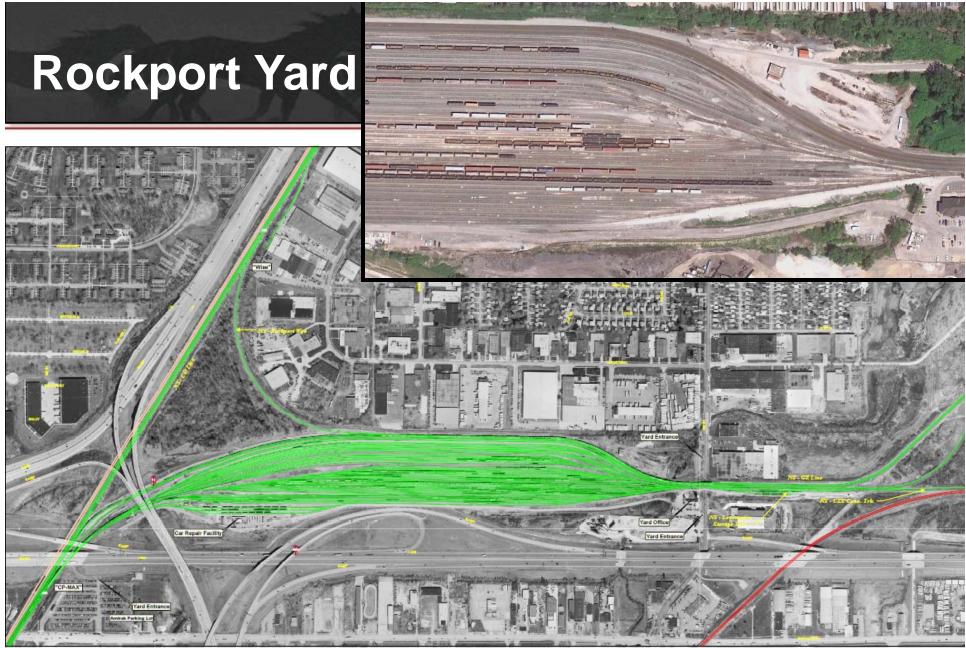
Contrasting Interchanges



Cleveland, Ohio









Efficient Interchange

- CSX's route
- High capacity
- Secure

•Efficient because:

Sufficient infrastructure

into yard

 Cars switched onto outbound trains in yard



Marion, Ohio Interchange Track







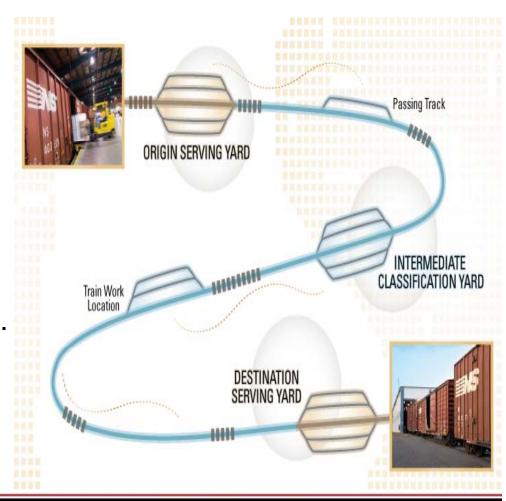
Inefficient Interchange

- •Low capacity (35 cars max.)
- Little infrastructure
- Non-secure
- Cars must be picked-up and moved to Columbus to be classified
- Extra handlings



Harm to Rail Operations

- Upset the balance needed to serve all customers or various commodities and needs.
- Inject extra complexity in operations.
 - Extra handlings
 - Extra interchanges
- Undermine asset (crews, locomotives, cars, and track capacity) allocation and utilization.
- Inefficient or operationallyunjustified routings





Don't Jeopardize Safety



NS Written Submissions

- Substantial legal hurdles exist.
- Many rail customers are rightfully concerned about the effects of regulatory changes. They know that changes to benefit the pecuniary interests of some shippers will adversely affect <u>all</u> rail customers.
- For that subset of customers which seeks forced access or forced interchange, it is really all about rates.



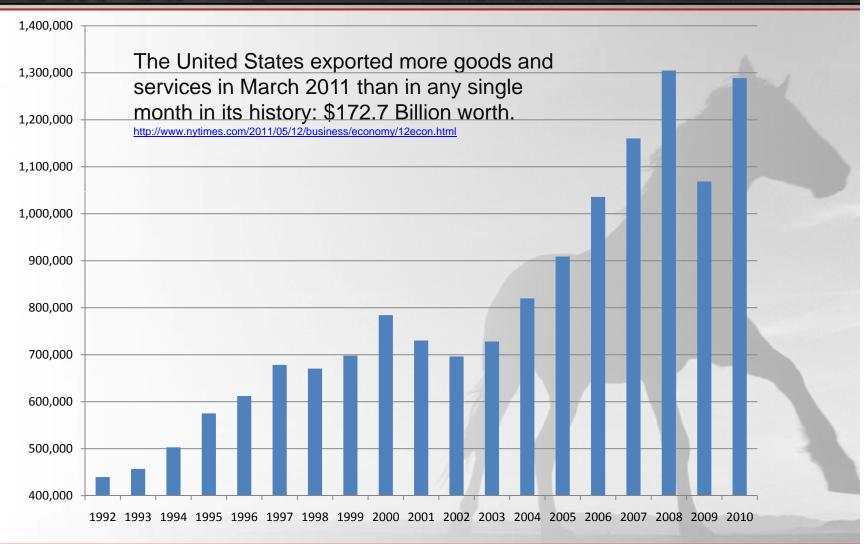
Statements Do Not Withstand Scrutiny

- Allegations are not factually supported by commenters.
- Statements are undercut by facts about:
 - Exports
 - Chemical industry



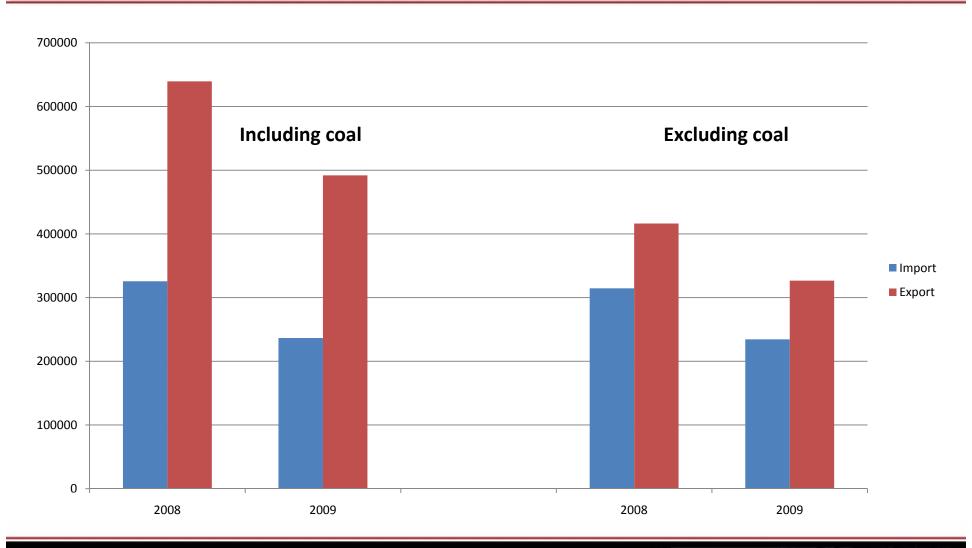
U.S. Exports

[millions of dollars] U.S. Bureau of Economic Analysis, last updated May 2011





NS Import/Export Traffic (in carloads)





Railroads Not Harming Chemical Industry

- Natural gas is what the chemical industry tells everyone -- except the STB -- drives the industry.
- In 2005, the American Chemistry Council testified before Congress that "higher natural gas prices shift chemical industry investment overseas."



Chemicals Driven By Fuel Prices

- "U.S. natural gas markets have seen a dynamic shift over the past five years as a result of increased capacity to extract natural gas from organic shale deposits. Reserves have risen by one-third, resulting in lower prices and greater availability of ethane, a feedstock material derived from natural gas that is the basis for hundreds of manufactured products. This low price for natural gas compared to oil has enabled U.S. chemicals manufacturers to become more competitive than producers in much of the rest of the world. 'Shale gas extraction has been a 'game changer' for America's chemical manufacturers, enabling us to remain highly competitive in a global market,' Dooley [ACC President] said."
- Link on ACC web page to press release was removed subsequently. Nevertheless, it is available at http://www.prnewswire.com/news-releases/economic-outlook-for-us-chemistry-industry-improving-accs-year-end-report-reveals-111264279.html





April 21, 2011 08:30 AM Eastern Daylight Time

Dow Announces Plans to Fully Integrate and Grow North American Performance Businesses with Shale Gas Liquids



MIDLAND, Mich.—(BUSINESS WIRE).—The Dow Chemical Company (NYSE: DOW) today announced comprehensive plans to increase the Company's ethylene and propylene production— and to integrate its U.S. operations into feedstock opportunities available from increasing supplies of U.S. shale gas in the Marcellus and Eagle Ford shale regions.

"The improved outlook for U.S. natural gas supply from shale brings the prospect of competitively priced ethane and propage feedstocks to Dow – and the promise of new manufacturing jobs to America," said Jim Fitterling, Dow executive vice president and president of Corporate Development & Hydrocarbors, "Our plan is to further integrate Dow's businesses with the advantaged feedstocks, based on shale gas deposits and long-term ethane and propage supply agreements. These actions will strengthen the competitiveness of our Performance Plastics, Performance Products and Advanced Materials businesses, for example the Elastomers product family and the full Acrylates chain, as we continue to capture growth in the Americas."

Dow Increases Ethylene Supply and Ethane Cracking Capabilities in U.S. Gult Coast

Dow is currently finalizing plans to increase the Company's ethylene supply and increase its ethane cracking capabilities at existing U.S. Guff Coast facilities by:

- Re-starting an ethylene cracker at the Company's St. Charles Operations site near Hahnville, LA by the end of 2012;
- Improving ethane feedstock flexibility for an ethylene cracker at the Company's Louislana Operations site in Plaquemine, LA in 2014;
- Increasing ethane feedstock flexibility for an ethylene cracker at the Dow Texas Operations site in 2016;
- Constructing a new, world-scale ethylene production plant in the U.S. Gulf Coast, for start-up in 2017.

Dow Increases Propylene Supply

Dow is currently finalizing plans to increase the Company's propylene supply by:

- Constructing a new, world-scale, on-purpose propylene production facility at Dow Texas Operations, for start-up in 2015;
- Exploring an option to commercialize its own technology to produce propylene from propane, with the potential start-up of a new production unit in 2018.

Dow Pursues Additional Feedstocks from the Eagle Ford and Marcellus Shale Regions

Dow plans to supply the required ethane and propane for these projects through a variety of supply arrangements, including: a possible joint venture fractionator in Texas, supply from existing fractionators, supply from future new fractionators to be built within the industry, and potential supply deals from varicus shale gas opportunities such as the Eagle Ford and Marcellus shale regions. Dow has signed ethane and propare supply contracts based on the Eagle Ford shale gas and is pulsuing several more agreements from this area.

In addition, Dow has signed a Memorandum of Understanding (MOU) with a wholy-owned subsidiary of Range Resource: Corporation (NYSE: RRC), stating plans to enter into a long-term supply agreement for the delivery of ethane from the Marcellu: Region in southwest Penrsylvania to Dow's existing operations in Louisiana.

"As the largest consumer of propylene in North America, Dow has a unique apportunity to invest aggressively for on-purpose propylene production from propane. Additionally, Dow is the largest producer of ethylene in North America, which provides capabilities to increase our use of ethane in existing ethylene production units – and to grow," Fitterling said. "All of these investments, combined with Dow's panned agreement with Range Resources, will dramatically increase our capability to consume ethane, while maintaining our industry-leading feedstock flexibility."





STB EP 705 ORAL ARGUMENT TESTIMONY

Mark Manion:

[Slide 1- Cover page]

Good morning Commissioners. On behalf of Norfolk Southern Railway, I am Mark Manion, Executive Vice President and Chief Operating Officer. With me today is Jim Hixon, Executive Vice President – Law and Corporate Relations.

Two major points Norfolk Southern has made in this proceeding are (1) that any policy change would undermine past rail investment in infrastructure, future investment in infrastructure, innovation, and the economic benefits of rail throughout the U.S. and (2) that proposals such as forced access and forced interchange would adversely affect the rail network, rail operations, and accordingly the shipping community generally.

[Slide 2 – "Record Investment and Innovation"]

<u>First</u>, the Board should take care not to undermine the substantial investments railroads like Norfolk Southern have made to this Nation's rail infrastructure and the innovation that is underway. It has been widely documented that there is a crisis in transportation infrastructure looming. Railroads, however, are private companies spending their private dollars to make sure that efficient and safe rail transportation remains a competitive advantage for the United States.

[Slide 3 – "NS Capital Expenditures"]

Norfolk Southern itself has invested billions of dollars over the last ten years.

The uncertainty in traffic flows that forced access and forced interchange would create would make investment more problematic and harder to

justify. The ability for customers to shift traffic would make it difficult to predict whether a particular investment could be justified.

[Slide 4 – "NS Innovations"]

In addition, Norfolk Southern is developing or implementing numerous innovations to improve its service so that it can compete even more aggressively against other railroads and other modes of transportation in the surface transportation marketplace.

As an example, Unified Train Control System is analogous to an air traffic control system on steroids. Whereas an air traffic control system allows a controller to coordinate and manage plane movements, UTCS safely and efficiently coordinates train movements and maintenance work into a dispatch system. It allows dispatchers to see trains well in advance of their arrival in the dispatcher's territory. But UTCS does more than an air traffic control system because it prioritizes trains and determines the optimal place for them to meet and pass each other. Norfolk Southern is the only railroad in the world pursuing movement planning at this level of sophistication.

Importantly, UTCS is only as good as the information it is provided, including infrastructure, resource capabilities, operating objectives, operating plan, One of the critical pieces of information it must be provided are train flows. Because forced access or forced interchange removes predictability in rail movements by allowing shippers to alter movements on a whim, one of the key UTCS inputs – that being the operating plan – would be undermined.

<u>Second</u>, forced access and forced interchange would generate serious adverse network effects.

Running a massive network is incredibly complex, with multiple types of traffic – such as intermodal, coal trains, grain and others -- using the same set of limited resources. Norfolk Southern's rail operations are designed both to meet customer needs and to function efficiently. We must meet the different needs of different customers.

To be able to hone operations to get the most out of our resources, Norfolk Southern must be able to make reliable predictions about its future operating patterns. We go to great efforts to look into the future and predict traffic flows to plan our resources. Forced access and forced interchange would undermine our ability to plan ahead and adequately place resources where they will be needed.

Operating Plan Developer is a technological tool that allows us to plan the movement of each of the more than 170,000 rail cars currently on the Norfolk Southern system. It uses algorithms to evaluate a host of variables – such as the least handling, the fewest crew districts, and shortest distance – to determine the most efficient and safest route for each of the cars, blocks of same-destination cars, and trains. If the shortest route has curves or speed restrictions it takes that into account and finds the most efficient route even if it is longer in distance. Forced access and forced interchange proposals would nullify the decades of effort Norfolk Southern has put into streamlining its network.

Forced access would create operational problems with two railroads operating on the same infrastructure, would increase the number of locomotives and cars needed, and would create crew qualification issues.

[Slide 5 – "Contrasting Interchanges"]

Similarly, forced interchange would create operational problems by altering traffic flows inefficiently. Compare two interchanges – one in Cleveland and the other in Marion. Here you are looking at an efficient interchange at Cleveland and an inefficient interchange at Marion.

[Slide 6 – "Cleveland, Ohio"]

Rockport Yard in Cleveland is on the lower left and is an interchange point between Norfolk Southern and CSX.

[Slide 7 - "Rockport Yard"]

That yard has ample capacity to interchange hundreds of cars.

[Slide 8 – "Efficient Interchange"]

It is secure and is very efficient. Importantly, cars received are immediately classified in the yard and forwarded on outbound trains. As you can see, there has been substantial investment in infrastructure at this facility.

[Slide 9 – "Marion Ohio Interchange Track"]

The interchange in Marion, on the other hand, is a single track. There is little infrastructure in place.

[Slide 10 - "Inefficient Interchange"]

Only about 35 cars can be interchanged here and even then, they must be forwarded to Columbus to be classified. Furthermore, any trains working this interchange block the main line.

[Slide 11 – "Harm to Rail Operations"]

In this comparison between a Cleveland interchange and a Marion interchange, under forced interchange, customers could opt for Marion. You clearly see Marion is a less efficient interchange point and in fact would result in congestion and delay.

While a modest amount of interchange is currently handled by local trains today at Marion, you can see that increased interchange would be very inefficient – stopping through trains, blocking the main line, adding work events and, in the end, delaying all our customers' freight.

[Slide 12 – "Don't Jeopardize Safety"]

Finally, as the safest Class I railroad for the 22nd year, a benefit of reduced handlings and work events is the elimination of risks of injury. Adding more work events increases the risk of injury and that is something we and the government should strive to avoid.

Jim Hixon:

[Slide 13 – "NS Written Submissions"]

Good morning. Norfolk Southern has submitted to the Board substantial comments on opening and reply, and we will not repeat all the points we made.

[Slide 14 - "Statements Do Not Withstand Scrutiny"]

Now, unsupported allegations have been made in the papers that do not withstand scrutiny.

Some say railroads harm exports. The actual facts tell a different story.

[Slide 15 – "U.S. Exports]

As you can see exports have grown steadily since 1992, except during times of recession. In fact, U.S. exports in March 2011 were the most reported in history.

[Slide 16- "NS Import/Export Traffic"]

For Norfolk Southern export traffic has exceeded import traffic even when we remove export coal from the data.

[Slide 17- "Railroads Not Harming Chemical Industry"]

Some say railroads have harmed the chemical industry and forced them offshore. The story they tell outside the STB is much different. Outside the STB, the story is about the price of natural gas.

[Slide 18 – "Chemicals Driven By Fuel Prices"]

Recently, the ACC issued a press release noting that, and I quote, "this low price for natural gas compared to oil has enabled U.S. chemicals manufacturers to become more competitive than producers in much of the rest of the world. 'Shale gas extraction has been a 'game changer' for

America's chemical manufacturers, enabling us to remain highly competitive in a global market." This press release has been removed from the ACC website.

[Slide 19 – Dow]

That game changer has led Dow, like many other companies, to announce expansions in the United States, which undercuts the story chemical interests have told in this proceeding.

In conclusion, Norfolk Southern urges that the Board recognize the lack of justification for proposing changes to existing regulations dealing with access to the rail network and terminate this proceeding.

COVINGTON & BURLING LLP

1201 PENNSYLVANIA AVENUE NW WASHINGTON, DC 20004-2401 TEL 202 662 6000 FAX 202 662 6291 WWW COV COM BEIJING BRUSSELS LONDON NEW YORK SAN DIEGO SAN FRANCISCO SILICON VALLEY WASHINGTON MICHAEL L. ROSENTHAL
TEL 202.662 5448
FAX 202.778.5448
MROSENTHAL @ COV.COM

June 24, 2011

BY HAND

Ms. Cynthia T. Brown Chief, Section of Administration Office of Proceedings Surface Transportation Board 395 E Street, SW Washington, DC 20423 ENTERED Office of Proceedings

JUN 2 4 2011

Part of Public Record

Re: Ex Parte No. 705 – Competition in the Railroad Industry

Dear Ms. Brown:

On behalf of Union Pacific Railroad Company, I have enclosed for the record two copies of the slides that were presented by James R. Young at the Board's hearing on June 22, 2011, in the above captioned proceeding. Please let me know if you have any questions.

Sincerely,

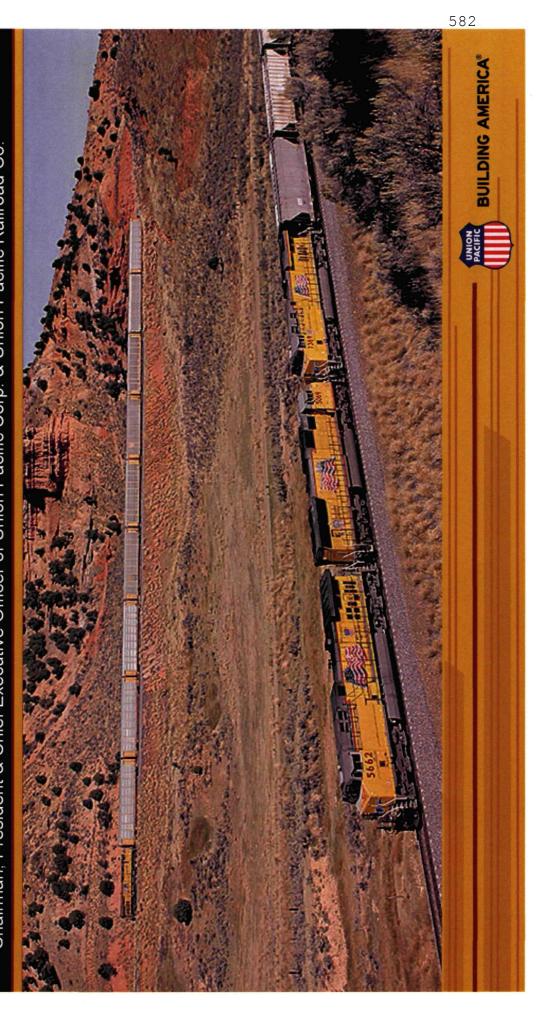
Michael L. Rosenthal

Enclosures

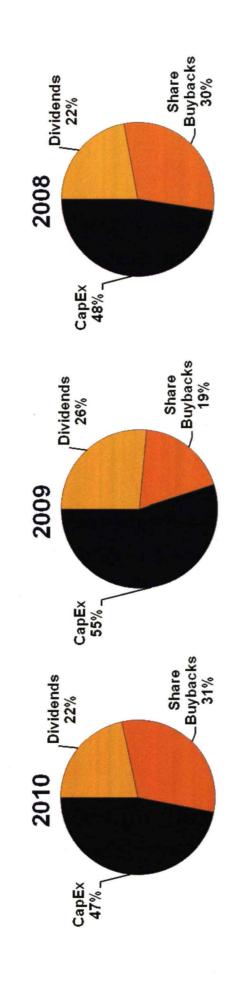
Ex Parte No. 705 Competition in the Railroad Industry

June 22, 2011

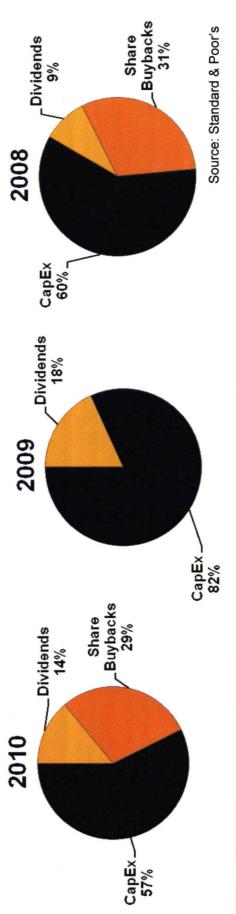
James R. Young Chairman, President & Chief Executive Officer of Union Pacific Corp. & Union Pacific Railroad Co.



S&P 500 Cash Allocation



Union Pacific Cash Allocation



BEFORE THE SURFACE TRANSPORTATION BOARD

COMPETITION IN THE RAILROAD INDUSTRY

STB Docket No. EP 705

THE MERCURY GROUP A Shipper-Based Mobile Energy Study Group

POWERPOINT EXHIBITS PRESENTED AT HEARING JUNE 23, 2011

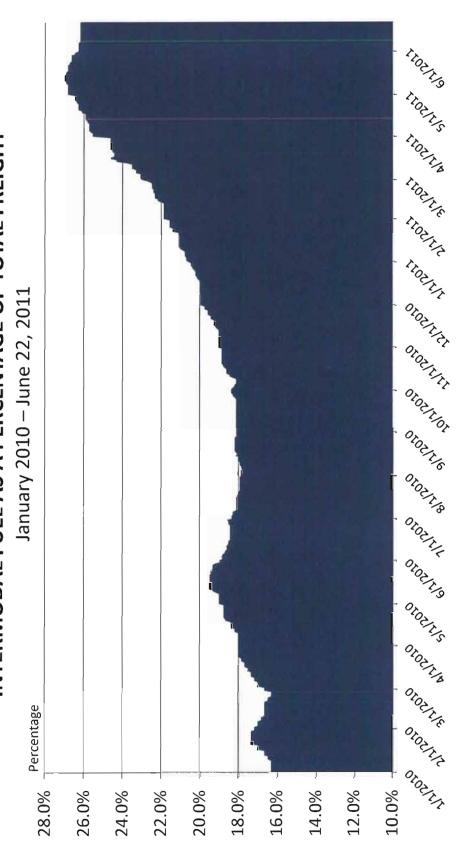
John Duncan Varda Attorney for The Mercury Group

Of Counsel
DeWitt Ross & Stevens s.c.
2 E. Mifflin St., Ste. 600
Madison, WI 53703
Tel. 608-252-9311
Fax. 608-252-9243
jdvarda@dewittross.com

Dated: June 27, 2011 Due: June 27, 2011

Intermodal Fuel Market Behavior

INTERMODAL FUEL AS A PERCENTAGE OF TOTAL FREIGHT **CHART 1**

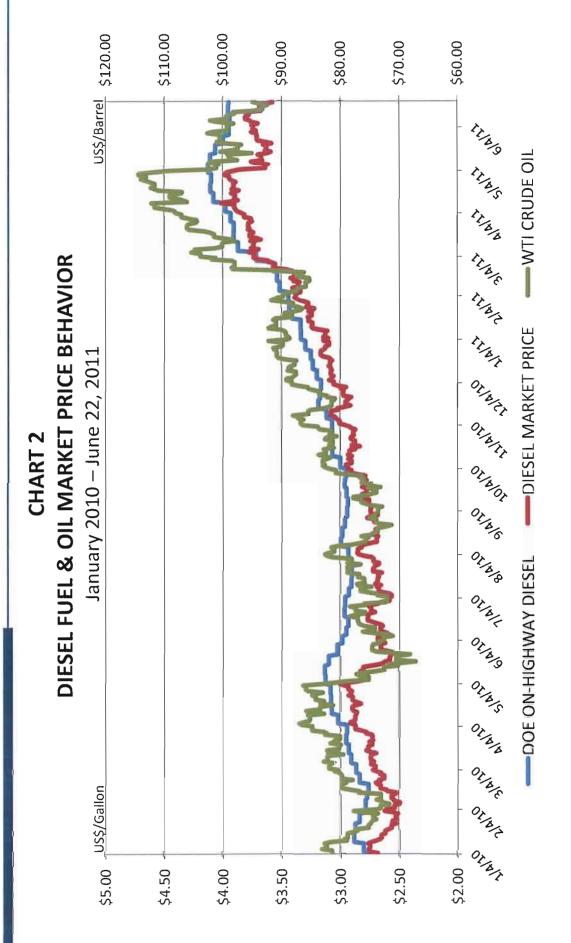


■ Fuel Percentage

in 2651' Breakfinougn ruel, LLC represtavy and Confidenced.

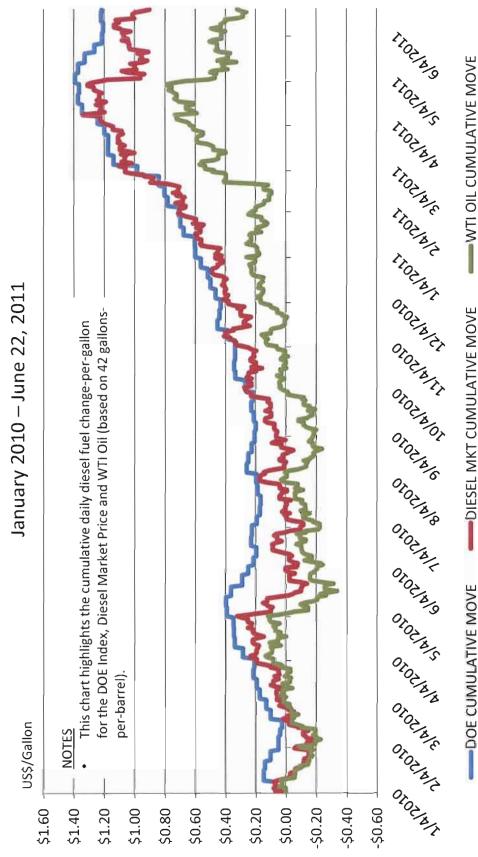
-

Intermodal Fuel Market Behavior

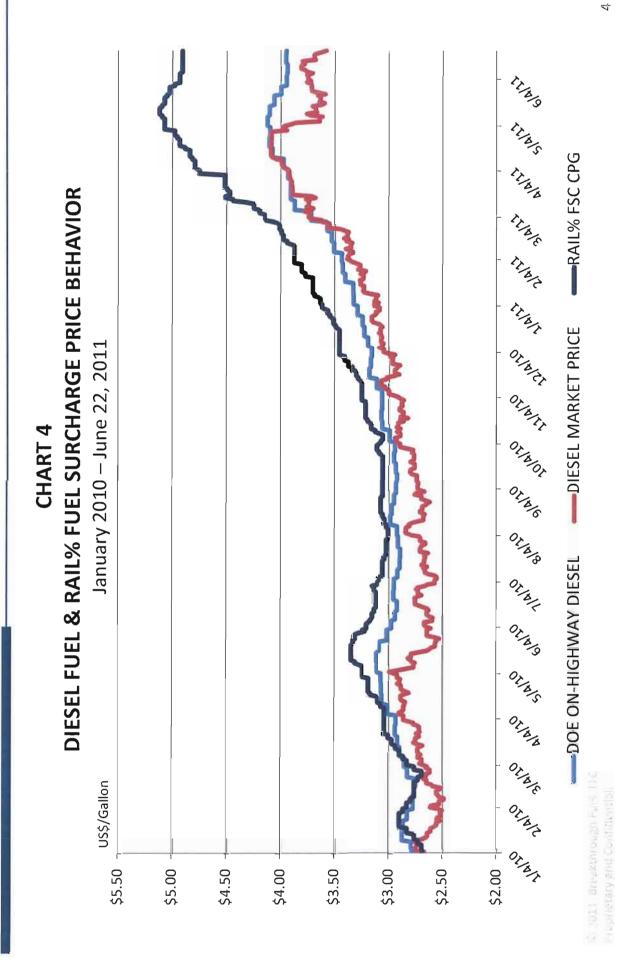


Market Behavior Intermodal Fuel

DIESEL FUEL & OIL MARKET PRICE CHANGE BEHAVIOR CHART 3



Market Behavior Intermodal Fuel



Intermodal Fuel Market Behavior



ACHIER AND CONTROL OF THE