PUBLIC HEARING ON MSHA'S PROPOSED RULE ON CRITERIA

AND PROCEDURES FOR ASSESSMENT OF CIVIL PENALTIES

CHICAGO, ILLINOIS FEBRUARY 12, 2015

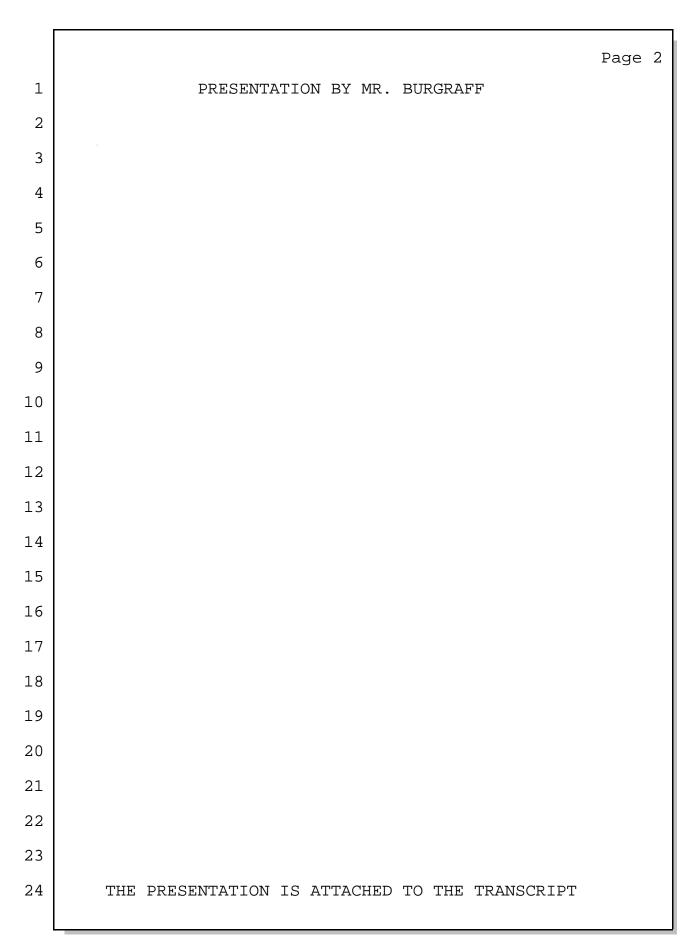
REPORT OF PROCEEDINGS taken before GREG S. WEILAND, CSR, RMR, CRR, at Embassy Suites, 600 North State Street, in the City of Chicago, Cook County, Illinois, commencing at 9:06 o'clock a.m., on the 12th day of February, 2015, upon the hearing in the above-entitled matter.

THE PANEL:

MS. PATRICIA W. SILVEY, The Moderator

MS. SHEILA McCONNELL

MR. BRAD MANTEL



MS. SILVEY: Good morning. My name is
Patricia W. Silvey. I am the Deputy Assistant
Secretary for Operations for the Mine Safety and
Health Administration, and I will be the moderator
of this public hearing on MSHA's proposed rule on
criteria and procedures for the assessment of civil
penalties.

2.

On behalf of Assistant Secretary Joseph A.

Main, I would like to welcome you all here today.

And actually this next thing I don't really have to say because I see that all of you have signed the attendance sheet at the back of the room.

I would now like to introduce the members of the MSHA panel. To my right is Sheila McConnell, who is the Acting Director of the Office of Standards; to my left, Brad Mantel with the Department of Labor's Office of the Solicitor of the Mine Safety and Health Division; and in absentia we have our member Jay Mattos, who is the Director of Assessments, who also played a role in the development of this proposed rule.

MSHA published its civil penalty proposed rule in the Federal Register, as many of you know, on July 31st, 2014. In response to requests from

the public, MSHA is holding public hearings to receive testimony and information that will help us evaluate the proposed changes and develop a final rule that would improve health and safety conditions at mines.

2.

This is the fourth and final public hearing. As many of you also know, the first hearing was held in Arlington on December 4th, 2014; the second in Denver, Colorado, on December 9th, 2014; the third hearing last week, February 5th, in Birmingham, Alabama; and today is the final hearing.

On February 10th, 2015, MSHA published a notice in the Federal Register that clarifies the proposed revision to the Negligence criterion; clarifies the Gravity criterion; clarifies that the alternative good faith reduction of an additional 20 percent would not be affected by a request for a pre-assessment conference; and announces the extension of the post-hearing comment period and the close of the rule making record to March 31st, 2015. I will provide further details on clarifications later on in this statement. And we also have copies of the Federal Register notice in

the back of the room.

2.

2.2

MSHA's hearings are conducted in an informal manner. Formal rules of evidence do not apply. The hearing panel may ask questions of the speakers. The speakers may ask questions of the panel. And if you have any information, you can also present any information that you have to the court reporter.

Most of you are familiar with the civil penalty process. Under the Federal Mine Safety and Health Act, which I will refer to as the Mine Act, requires MSHA to issue citations or orders to mine operators for any violations of safety and health standards, and the Secretary sets the time for the violation to be abated. Under the Mine Act, MSHA proposes penalties, and the Federal Mine Safety and Health Review Commission, I will refer to it as the Commission, assesses penalties.

Under MSHA's existing rule, a proposed penalty that is not contested within 30 days becomes a final order of the Commission and is not subject to review by any Court or Agency.

The Mine Act requires MSHA and the Commission to consider six criteria in proposing and

assessing penalties: First, the appropriateness of the penalty to the size of the business; the operator's history of previous violations; whether the operator was negligent; the Gravity of the violation; the operator's good faith in abating the condition; and the effect of the penalty on the operator's ability to continue in business.

2.

The first five criteria are applied to determine the penalty amount. The last criterion, the effect on the operator's ability to continue in business, is applied when requested by the operator after the penalty is proposed. The operator must send in supporting documentation if the operator believes the penalty would negatively affect the company's ability to continue in business. MSHA reviews this information and may adjust the penalty.

MSHA's proposal to amend the evaluation factors for determining regular formula penalties is structured to encourage operators to be more accountable and proactive in addressing safety and health conditions at their mine. MSHA was guided by three principles in developing the proposed rule.

And I'll probably say this sometime later in this statement, but the proposed rule only

affects the regular formula penalties, not the special assessment process.

2.

2.2

The three principles that MSHA used in developing the proposed rule was, first, an improvement in consistency, objectivity and efficiency in how inspectors write citations and orders by reducing the number of decisions inspectors have to make, which could lead to fewer areas of dispute and earlier resolution on enforcement issues; the second principle, a greater emphasis on the more serious safety and health conditions; and the final principle was an openness and transparency in the application of the Agency's regular formula process.

The proposal does not change the process that inspectors use to issue citations. Under the proposal, as they do now, inspectors would make factual determinations with respect to safety and health violations and issue citations and orders.

The proposed rule would reduce the maximum number of penalty points that could be assigned from 208 under the existing rule to 100. The existing minimum penalty amount of \$112 and the maximum penalty of \$70,000 for non-flagrant violations would

not change. The maximum penalty of \$242,000 for flagrant violations would not change.

2.

MSHA civil penalty regulations, and I said
I did know it was coming, has two methods for
proposing penalties, and I refer to the regular
formula assessments and special assessments. This
proposed rule only affects the regular formula
assessment process.

The proposed rule involves changes to the citation and order form, MSHA Form 7000-3. And in the back of the room we have copies of the current and proposed MSHA Form 7000-3 and a visual that depicts the percentage of each criterion under the existing rule as compared to the projection of the percentage under the proposed rule. And it was also that projected projection that we used in determining our analysis of the costs under this proposed rule. And I'm assuming that you all have got the form as well as the visual that depicts the existing and the proposed percentages.

Under the regular assessment formula, total penalties proposed by MSHA and the distribution of the penalty amount by mine size would generally remain the same as under the

existing rule. However, we expect that total penalty amounts for small metal/nonmetal mines would decrease.

2.

Minimum penalties for unwarrantable failure violations would increase under the proposal to provide a greater deterrence for mine operators who allow these types of violations, and we have gotten comments on that aspect of the proposal already.

At this point, I would like to reiterate some of the specific changes that are included in the proposal. First, MSHA is proposing to change how an operator's overall violation history would be determined and to increase the relative weight of violation history as a percentage of total penalty points, in recognition of the importance of the need for operators to prevent violations from occurring and recurring.

An operator's history of previous violations is based on both the number of violations and the number of repeat violations of the same provision of a standard in the 15-month period preceding the date of the violation. Under the existing rule, only violations that have been paid,

finally adjudicated, or have otherwise become final orders of the Commission are included in an operator's history. MSHA is proposing to clarify its intent that only violations that have become final orders of the Commission are included in determining an operator's violation history.

2.

2.2

Under the proposal, MSHA would assign zero points when a mine has ten or fewer inspection days, or fewer than ten violations, over the 15 months prior to the issuance of the citation or order. This provision would benefit smaller mines particularly and result in a more equitable impact of the Violations Per Inspection Day formula on small metal/nonmetal mines.

The proposal would revise the Negligence criterion to increase accountability of operators who either knew or should have known of safety and health hazards at their mines. The proposal would restructure the point table for the proposed categories to reflect an increase in the relative weight of the Negligence criterion. MSHA believes that this proposed change would result in penalties that appropriately reflect actions under the control of operators that have a direct impact on miner

safety and health.

2.

The proposal would reduce the Negligence criterion's five categories to three. The definition of Negligence would be revised to mean that the operator knew or should have known about the condition or practice. The proposal would remove mitigating circumstances from the definition of Negligence. And we've got comments on that already also.

MSHA proposes to combine the existing categories of Low, Moderate and High Negligence into a single category of Negligence. Commenters have expressed concern that violations assessed as High Negligence under the existing rule would be assessed as reckless disregard under the proposed rule, resulting in higher penalties.

In our proposed projections, and you heard me earlier say we did an analysis of the impact of the proposal, in our projection, MSHA did not make this assumption. MSHA intends that determinations of Low, Moderate and High Negligence under the existing rule would be placed in the proposed Negligence category and assigned 15 penalty points. Negligence, as I said earlier, would mean the

operator knew or should have known of the condition.

2.

The definitions of Reckless Disregard and No Negligence, which is Not Negligent in the proposal, would not change.

Reckless Disregard would continue to mean conduct exhibiting the absence of the slightest degree of care and is distinguishable from the proposed definition of Negligence. Reckless Disregard is also distinguishable from the existing definition of High Negligence, which is that the operator knew or should have known of the violative condition and there are no mitigating circumstances.

Not Negligent would continue to mean that the operator exercised diligence and could not have known of the violative condition or practice.

As MSHA clarified in the notice published on February 10th, 2015, the definition of Gravity should read, "Gravity is an evaluation of the seriousness of the violation. Gravity is determined by the likelihood of an injury or illness, the severity of the anticipated injury or illness, and whether or not persons are potentially affected."

The proposed provision would retain the three Gravity factors in the existing rule:

1 Likelihood of the Occurrence, Severity of Injury or

2 | Illness if the event occurred or were to occur, and

3 Persons Potentially Affected, but would reduce the

4 | number of subcategories associated with each factor.

5 | Similar to the Agency's proposed changes to the

6 | Negligence criterion, the proposal would simplify

7 the Gravity criterion by decreasing subcategories of

8 each of the factors of Gravity.

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

The first factor is Likelihood. Under the Gravity criterion for Likelihood, MSHA is proposing to reduce the existing five categories to three:
Unlikely, Reasonably Likely or Occurred. Some commenters have expressed concern that reducing the subcategories of Gravity would result in violations being placed in a higher category and in higher penalties.

The Agency proposes to combine the existing categories of No Likelihood and Unlikely into a single category of Unlikely. Commenters objected to the removal of the existing

No Likelihood category. However, as discussed in the preamble, the existing categories of

No Likelihood and Unlikely would be combined to improve objectivity and consistency. Violations

assessed as Unlikely under the existing rule would remain Unlikely under the proposed rule and would be assigned zero penalty points.

2.

Also, to improve consistency, the existing categories of Reasonably Likely and Highly Likely would be combined to a single category of Reasonably Likely in the proposed rule and assigned 14 penalty points.

MSHA has clarified that the proposed definitions of Unlikely should read, "Condition or practice cited has little or no likelihood of causing an injury or illness." Reasonably Likely should read, "Condition or practice cited is likely to cause an injury or illness." And Occurred means that the condition or practice has caused an injury or illness.

Severity. The proposal would reduce the four categories of Severity to three: No Lost Workdays, Lost Workdays or Restricted Duty, or Fatal. The definitions of the categories would not change. The proposed rule would eliminate the existing Permanently Disabling category, which is often difficult to anticipate.

MSHA has clarified that the heading of

Table XII, and I guess unless you were looking at it then you don't know what it is, should read "Severity of Anticipated or Occurred Injury or Illness."

2.

Persons Potentially Affected: The proposal would change the Persons Affected aspect of the Gravity criterion. Under the proposal, eleven categories would be reduced to two, and as you know now, the inspector can make a determination about the number of Persons Potentially Affected, and that determination can go from zero to ten or over, which is eleven categories. Under the proposal, it would be either No Persons Affected or Persons Affected.

MSHA has clarified that Table XIII should read, and you're not looking at that table, but Table XIII should read, "Persons Potentially Affected by the Condition or Practice Cited," and it would be, as I just said, two categories.

As stated in the proposal, simplifying the Gravity and Negligence criteria would increase objectivity and clarity in the citation and order process. MSHA would emphasize the proposed changes in inspector training. MSHA anticipates that this would result in fewer areas of disagreement and

earlier resolution of enforcement issues with minimal changes in overall penalties.

1

2.

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

I want to reiterate that we believe that the proposal would be -- that the penalty rule under this proposal would be simplified and that there would be, as I said earlier, minimal changes in overall penalties.

The proposal provides for a 10 percent reduction if the operator abates the violation within the time set by the inspector, like the existing rule. However, in an effort to provide for increased operator focus on the prevention of safety and health hazards, MSHA is considering an alternative, as was stated in the preamble to the proposal, that would recognize both prompt operator abatement of safety and health hazards as well as prompt payment of proposed penalties. alternative would provide an additional 20 percent good faith reduction when neither the penalty nor the violation is contested and the penalty is paid before it becomes a final order of the Commission. Under this alternative, operators who promptly abate and promptly pay would be eligible for up to a 30 percent good faith reduction in the amount of

penalties.

2.

MSHA has also clarified that the good faith reduction would not be affected by a request for a pre-assessment conference on violations. We were asked that question at one of the earlier public hearings. Under this alternative, only penalties that are either not paid or are contested would be ineligible for the additional 20 percent.

And also MSHA clarifies that if an assessment grouping, if there's an assessment grouping of violations and only one is not paid within the 30 days or is contested, the remaining citations would be eligible for the good faith penalty reduction.

MSHA is proposing to increase minimum penalties for unwarrantable failure citations and orders by 50 percent to provide greater deterrence for operators who allow these types of violations to occur, and we were doing this to hold operators more accountable. As you all know, there is a statutory minimum for unwarrantable failure violations now, and under the proposal that minimum penalty for a citation order issued under Section 104(d)(1) of the Act would be \$3,000, and the minimum penalty for

(d)(2), 104(d)(2) citations and orders would be \$6,000, as opposed to the \$2,000 and \$4,000 respectively under the existing rule. Several commenters have stated that the 50 percent increase is not necessary, stating that initiatives such as Rules-To-Live-By and impact inspections have worked.

2.

In the preamble to the proposal, MSHA offered alternatives related to the scope and the applicability of the rule. To enhance consistency and predictability in the assessment of penalties, MSHA seeks comments on two alternatives that would address the applicability of the proposed civil penalty formula when the Commission assesses civil penalties. A full discussion of these alternatives is in the preamble.

The first proposed alternative would be to modify the scope and applicability of the civil penalty regulation so that it would govern both MSHA's proposal and the Commission's assessment of civil penalties. The existing rule applies only to proposed penalties.

This alternative would require the administrative law judge, the ALJ, to apply the penalty formula to the facts found by the ALJ when

assessing civil penalties according to the six statutory criteria.

2.

2.2

MSHA's second proposed alternative is similar to the first but would give the Commission more flexibility to depart from the civil penalty formula in appropriate cases. And as I said, a full discussion of those two alternatives is in the preamble to the proposed rule.

Finally, MSHA did not prepare a separate regulatory economic analysis for the proposed rule. The analysis is contained in the preamble. MSHA requests comments on all estimates of costs and benefits presented in the preamble, the data and the assumptions that the Agency used to develop the estimates. But as I mentioned, people have always heard me say, please, when you are presenting your comments on the estimates of the costs and the benefits, and if you have it, please provide supporting data and please provide your rationale. If you think our assumptions and data are incorrect, please provide supportable rationale for your conclusion. That would be most helpful to us.

MSHA solicits comments that address

alternatives to the proposed History, Negligence,

and Gravity criteria; the 20 percent good faith penalty reduction, and the unwarrantable failure provisions, and how your suggested alternatives would improve objectivity and consistency in enforcement. In other words, we solicit comments on any and all aspects in the proposal.

2.

As you address the proposed provisions, please be as specific as possible, as I just said, to enable proper Agency review and analysis of your comments and your suggestions. You may submit comments today or through the close of the comment period, which is March 31st, 2015.

MSHA will make available a verbatim transcript of this public hearing approximately two weeks after the completion of the hearing. You may view the transcripts on MSHA's website, www.msha.gov and on www.regulations.gov.

We will now begin today's testimony. If you have a copy of your presentation, please provide a copy to the court reporter and as well as the MSHA panel, and if you would begin, please, by stating your name and organization and spelling your name for the court reporter to make sure that we have an accurate record.

And so we have, I have on my list here two 1 2. speakers, but I have been informed that one speaker has taken himself off, so we have one speaker, and 3 4 we will now listen to Mr. Barras with 5 Peabody Energy. 6

We have an overhead. MR. BURGGRAF:

MS. SILVEY: Okay. So you're telling me you did this to make me --

> I did, sorry. MR. BARRAS:

MR. BURGGRAF: Sorry.

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

MS. SILVEY: That's all right.

MR. BARRAS: Can you see now?

MS. SILVEY: No. Okay.

MR. BURGGRAF: I'm just going to introduce us and have a couple --

MS. SILVEY: I would have introduced you.

I'm Chuck Burggraf, senior MR. BURGGRAF: vice president of safety for Peabody Americas, the whole company, and this is Chad Barras. He's our safety director for Midwest operations, and he is headquartered in Evansville, Indiana.

I would like to thank MSHA for giving us the opportunity to provide comments. I do thank you for taking into consideration some of the changes

from some of the previous comments, and, of course, we're going to request more changes.

2.

So some of this, you know, we got this two days ago, so some of this is addressing the comment, the changes you already made, but hopefully that will give you more confidence that you made the right decision, okay, but we have additional comments for changes we'd like to see also.

So Chad is going to present this, and I'll let you take it away, Chad.

MR. BARRAS: I do appreciate the Committee today. I would like to start with a safety contact, something that we do within our company. We're from 3 or 400 miles south of here, but I'd like to talk about walking on slick surfaces such as snow or ice. So a lot of people bundle up, stick their hands in their pockets and go out. If you really slip on ice and your hands are in your pockets, the damage is going to be worse. If you can at least control how you hit with your hands, your chances are better off not being injured.

I've got five scenarios I want to talk
about today. A couple of them revolve around
Likelihood, one that deals with history points, and

a little bit of repeat points with that. There's a scenario that deals with Negligence, and then there's one on Severity at the end, and we've got a summary after that, and I'd like to go through it.

The first one -- and we do appreciate the recent ruling change that came out.

MS. SILVEY: Excuse me, if I can just interrupt you. Can we get that PowerPoint as a part of the record?

MR. BARRAS: Yes.

2.

MS. SILVEY: Okay.

MR. BARRAS: But the first one does reduce the number of categories on Likelihood down to three, and one of the things that we've got some concern on is I'm not sure that it's going to improve the objectivity. Actually we believe there may be more subjective arguments in the field, and that's really the perspective I want to talk about today, is a little bit more the interface between an MSHA inspector and a company escort or a miner's rep.

Our belief is based on the newly defined criteria in the proposed rule, which is a deviation from numerous years of case law that the Review

Commission has put out, and that really revolves around the S&S side of the argument.

2.

2.2

We believe that the rule is problematic for the inspector as well as the company escort.

Both will have to choose between a potential event and real event at the scene of a violation. The definition of event will cause the increased confusion.

But our first example really revolves around the Reasonably Likely change, and originally the proposed rule talked about the condition or practice that is likely to cause an event that could result, and from our discussions today we realize that component has been changed, so we do have a bit of a statement after these first couple examples.

When you look at the violation we're talking about, and this is a pretty simple violation of a rock dust survey, and it was written on S&S Unlikely Lost Workdays, with the new wording or the previous new wording, it gives us two or three options in the field as to how this could play out. We've tried to keep our comparisons equivalent except for the areas we're talking about. Our best estimate was Moderate as comparable to Negligent,

and we tried to keep the rest of the categories the same.

But in the field, if we really had to mark this as Reasonably Likely from one of the recent proposals on Likely that there was a tenfold or an eightfold difference in penalty, assuming the 10 percent reduction as well as the 20 percent. Going from where we would have been assessed at and were assessed at the \$285, the proposed rule could have went to \$2,400.

But the other one that gave the industry I believe heartburn, and I do believe you guys have made a diligent effort to correct that --

MS. SILVEY: I was going to say, because since you're doing this by PowerPoint and it may be difficult for me to remember each one of these, I'd like to comment at this point.

MR. BARRAS: Okay.

MS. SILVEY: Can you go back to that slide, and you help me out. The last slide you had. Right.

So if I'm understanding, okay, this under that citation that you showed, it was marked Unlikely, right?

MR. BARRAS: Yes, ma'am.

2.

MS. SILVEY: And so if you are using comparable, if we're trying to be comparable in terms of the markings under the existing rule and this proposed rule, then it would be Unlikely under this. If you follow what I'm saying, it would be Unlikely under this proposed rule.

So it would be your second -- I'm trying to figure out how this last category, how you come up with this last amount, and I find that I'm not following that.

MR. BARRAS: Well, the column to the right we actually went up to the Reasonably Likely category for discussion.

MS. SILVEY: But that doesn't -- that doesn't make sense. If we're going to be -- you said it was marked Unlikely under the existing rule, so under this proposed rule we're not changing on that one. That was the source of a lot of comment in the Arlington hearing. That's all I'm suggesting. And I want you all to understand, one of the things, and that was the reason we did this second notice, this last notice, we're trying to be as clear as possible, so when we leave, at least

people understand what we tried to do. Then you can comment on that.

MR. BARRAS: Sure.

MS. SILVEY: Okay.

MR. BARRAS: But realize this slide presentation was put together before the rule change, that was just two days ago.

MS. SILVEY: I understand.

MR. BARRAS: And we were still under the Likelihood that it could result.

MS. SILVEY: Okay. I'm with you now.

12 I've got it. Okay.

Occurred --

3

4

5

6

7

8

9

10

13

14

15

16

17

20

21

22

23

24

MR. BARRAS: The next one is similar in nature, and it really revolved around the Occurred definition, because the initial proposal of

MS. SILVEY: I've got you, I'm with you.

18 MR. BARRAS: -- is could have resulted in an injury.

Our example citation that we were going to talk through on that one, the thing I want you to keep in mind, at that point in time, not since Tuesday, the question in the field was what is the event, and I'd like you to for discussion for the

short period keep that in mind. What we were looking at is we had a damaged roller that was present on a conveyor belt, so at that point we were thinking the event could be the roller.

2.

If the new proposal really goes through as suggested, then that could clarify that. But we were in debate and we were concerned about in the field the inspector picking an event between the roller or what's the result of a bad roller with some other factors involved, is it a fire.

MS. SILVEY: Right.

MR. BARRAS: And those were the items that we were wrestling with.

MS. SILVEY: Yes, I understand.

MR. BARRAS: When you look at the penalties on that, and it's an exaggeration because of did that roller do it, you have helped in the process, I believe, and we've not gotten to study the new rule as well as we would like.

MS. SILVEY: I understand. I'm with you now.

MR. BURGGRAF: I also said hopefully some of these will give you some confidence that you made the right decision in changes.

MS. SILVEY: You did, yes.

2.

MR. BARRAS: But you can see why the industry was a bit alarmed at this one. If it really was a different event than the major outcome, it could have went from a couple hundred dollar penalty up to \$2,500 or \$25,000. That's really what caught our eye.

But that's really the two that I wanted to talk about on Likelihood. We do know that on Tuesday, the 10th, that the Register came out. As this notice was published just this week, we weren't able to fully evaluate it at Peabody on the effect. However, any effort to address the concerns with the Gravity definition in the initial proposal is welcomed.

The next one really gets into a little bit of the history issue on Violations Per Inspection

Day as well as repeat, but there's an area that kind of plagues our industry, and there's at least three standards that are wide in scope and that can affect your repeat part. Ventilation plans are all under §75.370(a)(1), roof controls under §75.220(a)(1), and then the §75.400s, they're all wide in scope but they come back to play when you start looking at

your repeat violation history, and that's an item I'd like to run through for just a second. The proposed rule, it doesn't address the issue of repeat points. Violations of §75.400 or §75.370 or §75.220(a)(1) cover drastically different functions within the violation category.

2.

For example, violation of §75.370(a)(1) can range from a water spray at a belt transfer point to the method roof bolters use to test for methane on extended cuts, neither of which involve similar benefits, and the §75.400 violations involve an even wider scope and involve different control measures for compliance. We believe these standards could be divided into separate categories.

I had an example of an accumulation on a diesel piece of equipment, and when we looked at those points, tried to keep everything comparable again, but I will tell you we used a VPID of 1.0 to come up with the history points of 10 and 10.

That's out of the new and the old, and everything else is comparable, and we looked at the repeat violation point of the given standard for the violation in question, and there is a significant penalty difference between the proposed Part 100 and

the current Part 100, and we used comparable rates.

2.

Now, history points are 10 and 10, but we used a VPID of 1, and that's probably an average for the industry to think that an inspector won't write one violation a day. That seems to be closer to the norm on average, and when we do that and look at the repeat portion of the violation, that's what drove us up significantly higher. It's not just a moderate increase. It's almost twofold.

The next scenario really revolves around Negligence, and I know that we have reduced it.

I've got a couple things I want to make sure we're clear on that one, and it's really down in the comments. We will get through our example in a second.

But we believe there could be increased subjectivity to the evaluation and lead to an increase in penalties on that, especially when the evaluation jumps to the next available section between the previous selection. The industry worries we will jump up to reckless, and I know, Ms. Silvey, you made some of those comments in your initial statement.

But by eliminating the High Negligence

category, it still remains unknown how 104(d)

citations or orders are going to be issued since the

Review Commission had established that aggravated

conduct was really the element that you had to get

past for a (d)(1) citation or (d)(2) orders that may

follow. We've got some pretty good concerns over

that.

When you look at it, it's a pretty easy example, but when you start talking about the scale of measurements or categories, it seems like the more divisions you have in those the more accurate you can be, and we've all heard and seen citations that were written float dust black in color, but the fact is, and this is a paint strip from Pittsburgh Paint that renders from white to black, and this was written as float dust black in color. But was it really?

And that's our vision. The more divisions you have, the more accurate determinations you can make. I don't see this picture as matching the black.

Not only does the current standard provide more options to clarify Negligence, aggravated conduct must be present for these citations, and the

proposed standard greatly reduces the number of 2. categories of Negligence and makes it difficult to truly portray the Negligence of the violation. Thus, we believe if you're really the inspector and the escort at the time, it can actually add to confusion at the scene of the violation, and then you're trying to come up with did you pass the aggravated conduct threshold.

And our example citation that we used on this was an Unlikely violation that revolved around float dust in a motor area of a coal hauler. And there's a significant difference when you look at the Reckless versus Negligent, and I will say when you look at the middle column of the proposed rule, its penalty would be less than today, but if there's an issue at the site and for whatever reason, it's at the inspector's discretion, he goes to the Reckless category, the penalty significantly goes up. And maybe it's warranted; maybe it's confusion because there's different levels of training and abilities on the escort side as well as the MSHA inspector side, and I believe it can put those gentlemen in a difficult situation at the scene.

And the next scenario really revolves

1 around Severity, and it's a pretty simple example.

2 We have a citation that was written as Permanently

3 Disabling on a carbon monoxide detection system, and

when you take that category away and you're in the

5 | field as the inspector, which way are you going to

6 go with a potentially bad CO alarm? Does that mean

7 | that you're expecting the event is going to be a

8 | Fatal? And on those and even on the typical

9 respirable dust violations, those are almost always

10 delineated as Permanently Disabling.

4

11

12

13

14

15

16

17

18

19

20

21

22

23

24

So one of the reasons the industry has heartburn when you come back on those, is it going to go to Fatal. If it does, it's a significant increase. But I will also say it's in the middle column. If it does not go up and it stays in the Negligent category, it's less penalty.

So how are we on some of the scenarios?

Are we okay up to that point as far as questions

or --

MS. SILVEY: Oh, well, I'd like to make two comments, yes, thank you, and my two comments are these: That as I said in my opening statement this morning, and as we've said also in the notice that we issued, the last notice that we issued, that

the definition of Unwarrantable Failure or the definition of Reckless Disregard does not change, and I want to reiterate that.

2.

And I would also say, and we understand and we have done this with all of our regulations, that if we do make changes, the first thing we have to do is train our staff. So if these, if any aspect of this proposed rule goes through, then we do intend to train all of our inspectors, and I have said that. I have stated that, and that's what we will do. And so we will probably not only train our inspectors but also do outreach to the mine community.

So anyway, those are my two comments.

MR. BARRAS: You know, when you talk about -- I guess one of our hurdles is when you look at the typical six items you look at getting to aggravated conduct. It's really not defined by Negligent or Reckless or High, and our concern is that there could be an effort to write the violation as Negligent and still pursue aggravated conduct by supplying the information that would clear some of the hurdles of the six normal elements, such as how obvious was the violation or how long has it been

there. It makes the industry uneasy at that point in time.

2.

All right. I would like to --

MS. SILVEY: And excuse me, please. I'll make one other point, and I made this point at the first public hearing. This proposed rule does not change the definition of Significant and Substantial, and I would like to iterate that and reiterate that, that it does not change the definition of significant and substantial either.

MR. BARRAS: We're certainly aware that the Review Commission kind of set the hurdle for S&S with Mathies. What I'm not sure of, because we've changed the definition of Reasonably Likely, the definition of Reasonably Likely is involved in part of the Mathies decision. So I'm hopeful, but I'm not going to bet everything I own on that.

A couple of the key things I'd like to close out on is on the Negligence side, and there has been some clarification of that, but the first rule would eliminate the mitigating factors. The second item that was noted in the definition was too restrictive relative to the definition of Neglect. If mitigating factors are not considered, the sole

consideration in a Negligence determination is whether the operator knew or should have known of the violative condition.

2.

Third, the elimination of High Negligence raises significant questions as to the impact on the unwarrantable failure. The elimination of High under the proposed -- excuse me, proposed rule would result in either unwarrantable failure accompanied by findings of neglect or an increase in the number of Reckless Disregard findings to support the unwarrantable.

The thing that I haven't talked about today is there is a concern involving Negligence and potential increases in 110(c) investigations. If unwarrantables are written under the Negligent category, this could very well increase the number of 110(c) assessments.

The proposed rule increases the impact in areas of violation history and repeat violations.

That's significant, and I know we kicked them around in our presentation in the areas such as the §75.370(a)(1), which is the ventilation plan, drastically different control measures in all three of these categories from the §75.400 to the

§75.220(a)(1). To use those in a repeat history calculation doesn't seem fair.

2.

2.2

The proposed rule has a real probability to bring back the backlog contest cases. We believe the new backlog could go on for years with new and unresolved issues when they're settled.

We believe the rule to be problematic in the field when determining Likelihood, although I will say there has been some revisions to that since Tuesday, when the MSHA inspector and the escort have to try to understand the potential event or the likelihood of an injury.

Safety is a way of life at Peabody though, and our safety vision of zero incidents guides everything that we do. Every employee commits to this vision and is accountable for safe behavior and practices at work and away. The company's ultimate objective is to operate with no incidents.

We emphasize safe work practices, open dialogue, and establish and follow and are improving safe standards, and our employee involvement in the safety process is a key element.

We do appreciate the opportunity to come up today and discuss our issues. We appreciate the

spirited conversations around the topics.

2.

MS. SILVEY: Thank you. I have a comment that may not necessarily go to it, and I always tell people don't go off the subject, and I'm kind of violating my own direction, but with respect to your National Mining Association Core Safety Model, you said you have incorporated risk management into your systems.

So I take it from that that you have, and you don't have to go into detail about it, but I take it from that that you have at your company then some aspect of a safety and health management program.

Am I right there?

MR. BURGGRAF: That's true, and because of core safety, I mean, that was the thing that sparked this initiative, and we have done a lot of work, a lot of training, and continue to do it because this is a process that will evolve over years to change our culture, to be more risk-based, and we've done a lot of training of management, and we're going to be rolling that out to our hourly employees.

MS. SILVEY: That's what I was going to say. So is it in place?

MR. BURGGRAF: It's evolving. We're in the process. It's not totally in place, but we definitely have done a lot of management training over the past year, and later this year we will start training with our supervisors, and that will get the hourly employees involved. We have had hourly employees involved in a lot of our risk assessments and things such as that.

2.

MS. SILVEY: Okay. Thank you. I don't think I have any other comments. As you said, some of your comments predated some of the changes we made, and yet we do -- you know, we know you still have -- you said there are some remaining comments, and so we will be looking at that, and we will review in more detail the scenarios you gave, recognizing that some of it has now changed.

But still, if you have further specifics, as I said earlier, particularly on the regulatory economic analysis, and this goes for anybody in the room, if you have specific comments on our assumptions and you have specific data or specific actual citations that you want to raise with us that you think show a different story or depict a different scenario than what we projected in the

proposed rule, then, please, we'd ask you to provide that to us.

Thank you. Then I don't think I have any more comments.

Do you have any?

MS. McCONNELL: No.

MS. SILVEY: So do you all have any more for us?

MR. BURGGRAF: No. Just thank you for the opportunity.

MS. SILVEY: All right. Thank you all very much, Mr. Burggraf, Mr. Barras. We appreciate you appearing here today and providing us with your comments and testimony.

MR. BURGGRAF: Thank you.

MS. SILVEY: While he's finishing up with his computer, is there anybody else in the room who wishes to present comments and testimony, make a statement?

Well, if there's nobody else here, at this point what I'm going to do is I'm going to tentatively conclude the hearing, and I say tentatively because we are going to stay around until at least 11:00 o'clock or so just to make sure

that we don't expect anybody else for this public hearing, but I'm going to go on and do this tentative concluding so that if nobody else comes, then I don't have to reconvene the hearing at that point, and it would just serve as the conclusion of the hearing.

2.

So at this point then, I would like to say again that the Mine Safety and Health Administration appreciates your participation in this rule making. As with all of our rule makings, it is only with your participation and your review of the proposals that we present to you that we then can move to a final ruling that reflects some of the needs and concerns of the mining public but also that we think addresses, provides for better protection for the safety and health of miners but does so in a manner that's responsive to the needs and concerns of the mining public, and that's our ultimate goal. And with that in mind, as I said, again we appreciate your participation in the rule making.

And I want to say not only for the people who presented testimony here today but to us the fact that you are in attendance here today shows us that you have an interest in the rule making, and

1	that's important to us also, and we know, I know
2	from talking to some of you here this morning that
3	while you did not present testimony today, either
4	through your company or through your organization or
5	through your representative you will present
6	information to us before the rule making record
7	closes, and that is equally as important to us.
8	It's just as important as the information that's
9	presented here in person today.
10	So with that in mind, I want to again on
11	behalf of our Assistant Secretary Joe Main and on
12	behalf of our panel here today, I want to say we
13	appreciate your participation.
14	And the rule making record closes
15	March 31st, 2015. We look forward to other
16	whatever additional comments that you may want to
17	present to us, and this concludes this public
18	hearing.
19	Thank you.
20	(Whereupon, the hearing was
21	adjourned at 11:10 a.m.)
22	
23	

24

1

CERTIFICATE

2.

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

The within and foregoing hearing was reported in shorthand by GREG S. WEILAND, CSR, RMR, CRR, within and for the County of Cook and State of Illinois, on the 12th day of February, 2015, at the hour of 9:06 a.m., at Embassy Suites, 600 North State Street, in the City of Chicago, Cook County, Illinois.

The proceedings were taken down in shorthand by the undersigned, acting as stenographer; and the within and foregoing is a true, correct and complete record of all of the proceedings had at the time and place hereinabove referred to.

The undersigned is not interested in the within case, nor of kin or counsel to any of the parties.

Witness my signature on this 18th day of February, 2015.

WEILAND, CSR, RPR

License No. 084-003472

	i			I	
A	Agency's 7:13 13:5	41:12 42:19 43:13	Barras 21:4,9,12,19	came 23:6 29:10 carbon 34:3	
a.m 1:12 43:21 44:6	aggravated 32:3,23		- I I		
abate 16:22	33:8 35:18,21	appropriate 19:6	25:18 26:1,12	care 12:7	
abated 5:15	ago 22:4 27:7	appropriately 10:23	27:3,5,9,13,18	case 23:24 44:16	
abatement 16:16	Alabama 4:11	appropriateness 6:1	28:12,15 29:2	cases 19:6 38:4	
abates 16:9	alarm 34:6	approximately	35:15 36:11 41:12	categories 10:20	
abating 6:5	alarmed 29:3	20:14	based 9:20 23:22	11:3,11 13:11,18	
abilities 33:21	ALJ 18:23,24	area 29:18 33:11	because 3:11 25:14	13:22 14:5,18,20	
ability 6:7,10,15	all 3:9,11 8:18 17:20	areas 7:9 15:24	27:15 28:16 33:20	15:8,12,18 23:13	
able 29:12	19:12 20:6 21:11	24:23 37:19,21	36:13 39:15,18	25:1 30:14 32:10	
above-entitled 1:14	26:20,21 29:21,23	argument 24:2	41:23	33:2 37:24	
absence 12:6	32:12 35:5,9 36:3	arguments 23:17	become 10:1,4	category 11:12,23	
absentia 3:18	37:23 41:7,11,11	Arlington 4:8 26:20	becomes 5:20 16:21	13:15,19,21 14:6	
accompanied 37:8	42:10 44:12	around 22:23 24:2	been 9:24 21:2	14:22 26:9,14	
according 19:1	allow 9:7 17:18	24:10 27:14 31:10	24:14 25:8 35:24	30:6 32:1 33:18	
accountability	almost 31:9 34:9	33:10 34:1 37:20	36:20 38:9	34:4,16 37:16	
10:16	already 9:9 11:9	39:1 41:23	begin 20:18,21	caught 29:7	
accountable 6:20	22:5	aspect 9:8 15:6 35:8	behalf 3:8 43:11,12	cause 14:14 24:7,12	
17:20 38:16	alternative 4:17	39:12	behavior 38:16	caused 14:15	
accumulation 30:15	16:14,18,22 17:6	aspects 20:6	being 13:15 22:21	causing 14:12	
accurate 20:24	18:16,22 19:3	assessed 11:13,14	belief 23:22	certainly 36:11	
32:11,19	alternatives 18:8,11	14:1 25:8,9	believe 16:3 23:16	Chad 21:19 22:9,10	
Act 5:11,11,15,23	18:14 19:7,24	assesses 5:18 18:13	24:3 25:12,12	chances 22:20	
17:24	20:3	assessing 6:1 19:1	28:18 30:13 31:16	change 7:15 8:1,2	
acting 3:15 44:10	although 38:8	assessment 1:4 3:6	33:4,22 38:4,7	9:12 10:22 12:4	
actions 10:23	always 19:15 34:9	7:2 8:8,21 17:10	believes 6:14 10:21	14:21 15:6 23:6	
actual 40:22	39:3	17:10 18:10,19	belt 28:3 30:8	24:10 27:7 35:2	
actually 3:10 23:16	am 3:2 39:14	assessments 3:20	benefit 10:11	36:7,9 39:19	
26:13 33:5	amend 6:17	8:6,6 37:17 40:8	benefits 19:13,18	changed 24:14	
add 33:5	Americas 21:18	assign 10:7	30:11	36:14 40:16	
additional 4:17	amount 6:9 7:23	assigned 7:21 11:23	best 24:23	changes 4:3 8:9	
16:18 17:8 22:7	8:23 16:24 26:10	14:3,7	bet 36:17	9:11 13:5 15:22	
43:16	amounts 9:2	Assistant 3:2,8	better 22:20 42:15	16:2,6 21:24 22:2	
address 18:12 19:23	analysis 8:17 11:18	43:11	between 23:19 24:5	22:5,8 28:24 35:6	
20:7 29:13 30:3	19:10,11 20:9	associated 13:4	28:8 30:24 31:20	40:11	
addresses 42:15	40:19	Association 39:6	Birmingham 4:11	changing 26:18	
addressing 6:20	announces 4:19	assuming 8:18 25:6	bit 23:1,19 24:14	Chicago 1:6,11 44:7	
22:4	anticipate 14:23	assumption 11:20	29:3,16	choose 24:5	
adjourned 43:21	anticipated 12:21	assumptions 19:14	black 32:13,15,16	Chuck 21:17	
adjudicated 10:1	15:3	19:20 40:21	32:21	circumstances 11:7	
adjust 6:16	anticipates 15:23	ATTACHED 2:24	bolters 30:9	12:12	
Administration 3:4	any 5:6,7,13,22 20:6	attendance 3:12	both 9:20 16:15	citation 8:10 10:10 15:21 17:23 25:23	
42:8	29:13 35:7 40:10	42:23 available 20:13	18:18 24:5		
administrative	41:3,5,7 44:16		Brad 1:21 3:16 bring 38:4	27:20 32:5 33:9	
18:23	anybody 40:19 41:17 42:1	31:19 average 31:3,6	bundle 22:16	34:2 citations 5:12 7:6,16	
affect 6:14 29:20	anyway 35:14	aware 36:11	Burggraf 21:6,10	7:19 17:13,16	
affected 4:18 12:22	appearing 41:13	away 22:10 34:4 Burggrai 21:0,10 21:14,17,17 28		18:1 32:2,12,24	
13:3 15:5,6,10,13	applicability 18:9	38:17	39:15 40:1 41:9	40:22	
15:13,17 17:3	18:12,17	30.17	41:12,15	cited 14:11,13 15:17	
affects 7:1 8:7	application 7:13	B	BURGRAFF 2:1	City 1:11 44:7	
after 6:12 20:15	applied 6:8,11	back 3:12 5:1 8:11	business 6:2,7,11,15	civil 1:4 3:6,22 5:9	
23:4 24:15	applies 18:20	25:19 29:24 34:12	Dusiness 0.2,7,11,13	8:3 18:12,13,17	
again 30:18 42:8,19	apply 5:4 18:23	38:4		18:20 19:1,5	
43:10	appreciate 22:11	backlog 38:4,5	C 44:1,1	clarification 36:20	
Agency 5:22 13:17	23:5 38:23,24	bad 28:9 34:6	calculation 38:2	clarification 30.20	
19:14 20:9	23.3 30.23,24	234 2012 3110		Ciai iiicaciono 7.23	
	1	I	I	I	

clarified 12:16 14:9	31:1	copies 4:24 8:11	12:8,10,17 24:7	discussed 13:21
14:24 15:14 17:2	compared 8:14	copy 20:19,20	27:15 29:14 35:1	discussion 18:14
clarifies 4:14,16,16	comparisons 24:22	core 39:6,16	35:2 36:7,10,14	19:7 26:14 27:24
17:9	comparisons 24.22 complete 44:12	correct 25:13 44:12	36:15,22,23	discussions 24:13
clarify 10:3 28:6	complete 44.12	costs 8:17 19:12,17	definitions 12:2	dispute 7:9
32:23	completion 20.13	could 7:8,21 12:14	14:10,20	disregard 11:15
clarity 15:21		24:12,21 25:9	degree 12:7	12:2,5,9 35:2
clear 26:24 31:13	component 24:14		delineated 34:10	37:10
35:22	computer 41:17 concern 11:13	27:10,18 28:4,6 29:5 30:14 31:16	Denver 4:9	
close 4:21 20:11	13:13 23:15 35:19			distinguishable 12:7,9
36:19		35:20 37:16 38:5	depart 19:5	•
	37:13	counsel 44:16	Department 3:17	distribution 8:23
closer 31:5	concerned 28:7	County 1:11 44:4,7	depict 40:23	divided 30:14
closes 43:7,14	concerns 29:13 32:6	couple 21:15 22:23	depicts 8:13,19	Division 3:18
CO 34:6	42:14,17	24:15 29:5 31:12	Deputy 3:2	divisions 32:11,18
coal 33:11	conclude 41:22	36:18	detail 39:10 40:15	do 5:3 7:17 21:23
color 32:13,16	concludes 43:17	course 22:1	details 4:22	22:11,13 23:5
Colorado 4:9	concluding 42:3	court 5:8,22 20:20	detection 34:3	24:14 25:12 27:1
column 26:12 33:14	conclusion 19:22	20:23	determination 15:9	28:17 29:9 31:6
34:15	42:5	cover 30:5	15:11 37:1	35:6,7,9,11,12
combine 11:10	condition 6:6 11:6	criteria 1:3 3:6 5:24	determinations	38:15,23 39:18
13:17	12:1,12,15 14:10	6:8 15:20 19:2	7:18 11:20 32:19	40:12 41:5,7,21
combined 13:23	14:13,15 15:17	20:1 23:23	determine 6:9	42:2
14:6	24:11 37:3	criterion 4:15,16	determined 9:14	documentation 6:13
come 26:9 29:24	conditions 4:4 6:21	6:9 8:13 10:16,21	12:19	does 7:15 23:12
30:19 33:7 34:12	7:12	13:6,7,10 15:7	determining 6:18	32:22 34:6,13,15
38:23	conduct 12:6 32:4	criterion's 11:3	8:17 10:6 38:8	35:2 36:6,9 42:16
comes 42:3	32:24 33:8 35:18	CRR 1:10 44:4,21	deterrence 9:6	doesn't 26:15,16
coming 8:4	35:21	CSR 1:10 44:3,21	17:17	30:3 38:2
commencing 1:12	conducted 5:2	culture 39:20	develop 4:3 19:14	doing 17:19 25:15
comment 4:20	conference 4:19	current 8:11 31:1	developing 6:22 7:4	dollar 29:5
20:11 22:4 25:17	17:4	32:22	development 3:21	don't 3:10 15:2
26:19 27:2 39:2	confidence 22:6	cuts 30:10	deviation 23:23	32:20 39:4,10
commenters 11:12	28:23		dialogue 38:20	40:9 41:3 42:1,4
13:13,19 18:4	confusion 24:8 33:6	D	did 8:4 11:18,19	done 35:5 39:17,20
comments 9:8 11:8	33:19	d 18:1 32:5,5	19:9 21:8,9 26:22	40:3
18:11 19:12,17,23	consider 5:24	damage 22:18	28:17 29:1 33:7	down 23:13 31:13
20:5,10,11 21:23	consideration 21:24	damaged 28:2	43:3	44:9
22:1,8 31:14,22	37:1	data 19:13,19,20	diesel 30:16	drastically 30:5
34:21,21 35:14	considered 36:24	40:21	difference 25:6	37:23
40:10,11,13,20	considering 16:13	date 9:23	30:24 33:12	drove 31:7
41:4,14,18 43:16	consistency 7:5	day 1:13 10:13	different 29:4 30:5	dust 24:18 32:13,16
Commission 5:17	13:24 14:4 18:9	29:18 31:5 44:5	30:12 33:20 37:23	33:11 34:9
5:18,21,24 10:2,5	20:4	44:18	40:23,24	Duty 14:19
16:21 18:13 19:4	contact 22:12	days 5:20 10:8	difficult 14:23 25:16	
24:1 32:3 36:12	contained 19:11	17:12 22:4 27:7	33:2,23	E
Commission's 18:19	contest 38:4	deals 22:24 23:2	diligence 12:14	E 44:1,1
commits 38:15	contested 5:20	debate 28:7	diligent 25:13	each 8:13 13:4,8
Committee 22:11	16:20 17:7,12	December 4:8,10	direct 10:24	25:16
community 35:13	continue 6:7,10,15	decision 22:7 28:24	direction 39:5	earlier 7:9 11:18,24
company 21:19	12:5,13 39:18	36:16	director 3:15,19	16:1,6 17:5 40:18
22:13 23:20 24:4	control 10:23 22:19	decisions 7:7	21:20	easy 32:8
39:11 43:4	30:12 37:23	decrease 9:3	Disabling 14:22	economic 19:10
company's 6:15	controls 29:22	decreasing 13:7	34:3,10	40:19
38:17	conversations 39:1	defined 23:22 35:18	disagreement 15:24	effect 6:6,10 29:12
comparable 24:24	conveyor 28:3	definitely 40:3	discretion 33:17	efficiency 7:6
26:3,3 30:17,21	Cook 1:11 44:4,7	definition 11:4,7	discuss 38:24	effort 16:11 25:13

expectation 28:16 either 10:17 15:13 37:7 soi.10 37:8 element 32:4 38:22 element 32:4 38:22 element 32:4 38:22 element 32:52 32:23 73:64 91:19:19:19:19:19:19:19:19:19:19:19:19:1		•	1	I	I
cightfold 25:6 cither 10:17 15:13 17:7 36:10 37:8 43:3 29:339 34:1 element 32:4 38:22 elements 35:23 elements 35:23 ciliminate 14:21 elimination 37:4,6 elemination 37:4,6 elemination 37:4,6 elements 39:12 36:21 elimination 37:4,6 elements 39:23 18:20 22:14:11,7 20:14:117,20 18:20 24:15:10:14 elimination 37:4,6 elements 39:12 36:21 elimination 37:4,6 elements 39:23 18:20 22:14:11,8 18:20 22:14:14 18:20 18:21 18:3 expected 30:10 enable 20:9 enable 20:9 encourage 6:19 every 29:7 end 23:3 enhance 18:9 encourage 6:19 ever 29:7 end 32:3 enhance 18:9 encourage 6:19 ever 29:7 end 32:3 enhance 18:9 encourage 6:19 ever 29:7 end 32:3 enhance 18:9 extentible 10:12 equivalent 24:22 entralistible 32:3 enhance 18:9 encourage 6:19 extension 4:20 extension 6:17 equipment 30:16 especially 31:18 20:1 especially 31:18 20:2 establish ais:2 establish	29:13 35:20	exaggeration 28·16	42:13	38:5 39:3.4 10	11:1 16:13 16
either 10:17 15:13		00			
1373 6:10 37-8 43:3 element 32:4 38:22 elements 35:23 elements 35:23 elements 35:23 escuse 23:7 36:4 fire 28:10 fire	U	_			,
ekement 35:23 elements 35:24 excreised 12:14 exhibiting 12:6 exhibiting 519:72:2 eliminating 31:24 exhibiting 12:6 exhi				C	
element 32:4 38:22 element 32:4 38:23 element 32:4 38:23 element 35:23 element 35:23 element 57:712 eligible 16:23 17:13 eleminate 14:21 social minimate 14:21 estiminate 14:21 social eleminating 31:24 eliminating 31:24 eliminati				_	
elements 35:23 eleven 157:12 eligible 16:23 17:13 eliminate 14:21 adiminate 14:21 exercised 12:14 exhibiting 12:6 exhibiting 5:197:22 disparent 13:24 exhibiting 12:6 exhibiti					
eleven 15.7,12 37.7 exercised 12:14 exhibiting 12:6 exercised 12:14 exhibiting 12:6 existing 5:197.22 diminating 31:24 eliminating 31:24 eliminating 31:24 eliminating 37:46 existing 5:197.22 disable 30:21 41:17,20 42:1,3 13:20,22 14:1,4 Embassy 1:10 446 14:22 16:11 18:3 13:20,22 14:1,4 Embassy 1:10 446 14:22 16:11 18:3 13:20,22 14:1,4 Embassy 1:10 446 14:22 16:11 18:3 flows 13:21,3,16 33:11 emphasize 15:22 38:19 employee 38:15,21 employees 38:15,21 employees 38:15,21 employees 39:22 40:6.7 expecting 34:7 expect 9:1 42:1 follow 26:6 32:6 38:20 extension 4:20 eye 29:7 follow 26:6 32:6 saccord 23:3 Energy 21:5 enforcement 7:10 follow 26:6 32:6 forward 43:15 forward 4:10 form 8:10,10,12,19 extension 4:20 eye 29:7 formula 6:18 7:1,14 forward 4:13 forward 4:14 forward 4:13 forward 4:14 forward 4:14 forward 4:14 forward 4:15 forward 4					
ediminate 14:21 36:21 36:21 36:21 36:21 36:21 36:22 36:23 36:20 36:20 36:23 36:20 36:23 36:20 36:23 36:20 36:23 36:20 36:23 36:20 36:23 36:20 36:23 36:20 36:23 36:20 36:23 36:20 36:23 36:20 36:23 36:20 36:23 36:20 36:23 36:20 36:23 36:20 36:23 36:20 36:27 39:21,23 42:1,23 42:1,23 12:9,24 13:13,18 13:20.22 14:1,44 22:1,33 18:20.26 14:1,2 38:19 emphasis 7:11 expecting 34:7 expressed 11:13 18:20.26 64:17 expecting 34:7 expressed 11:3 18:13.24 19:6 following 26:11 foregoing 44:2,11 foregoing 4:					· ·
ekibiting 12:6	*	÷ , , ,			· ·
ascisting 5:19 7:22			,		
climinating 31:24		O			–
elimination 37:4,6					_
eks 60:21 41:17,20 42:1,3 42:1,3 42:1,3 13:20,22 14:1,4 18:20 26:4,17 emphasis 7:11 emphasize 15:22 38:19 expecting 34:7 employee 38:15,21 employee 38:15,21 40:6,7 enable 20:9 encourage 6:19 end 23:3 Energy 21:5 enforcement 7:10 16:1 20:5 enhance 18:9 equally 43:7 equipment 30:16 equitable 10:12 equivalent 24:22 escort 23:20 24:4 33:5,21 38:10 especially 31:18 establish 38:20 est					
## 13:20.22 14:1,4					
Embassy 1:10 44:6					
emphasis 7:11 emphasize 15:22 38:19 employee 38:15,21 expected 11:13 estended 30:10 employee 38:15,21 expected 11:13 estended 30:10 employee 38:15,21 employee 38:15,21 expected 30:10 employee 38:15,21 employee 38:15,21 expected 30:10 employee 38:15,21 employee 38:15,21 expected 30:10 extension 4:20 expected 30:10 expected 30:10 expected 30:10 expect 30:10 expect 40:13:15 formula 6:18 7:,14 forult 4:18 foult 4:13 expect 40:14:18 foult 4:18 foult 4:18 foult 4:19 expect 9:14:2,11 govible 4:2:11 govible 32:14 expect 9:14:2,11 govible 4:2:17				C	
emphasize 15:22 mgloyee 38:15.21 employees 39:22 mployees 39:22 mployees 39:22 mployees 39:22 mployees 39:22 doi:10.13 mployees 39:22 morourage 6:19 extended 30:10 extension 4:20 point 20:9 extension 4:20 point 20:9 extension 4:20 point 20:9 extension 4:20 point 20:3 morourage 6:19 extension 4:20 point 20:3 morourage 6:19 extension 4:20 point 20:3 morourage 6:19 extended 30:10 point 20:3 morourage 6:19 point 20:5			*		
38:19					_
employee 38:15.21 employees 39:22 13:13 13:13 following 26:11 foregoing 44:2,11 foregoing 44:3,11 foreword 44:13 foreword 44:13 formula 6:18 7:1,14 foreword 44:13 foreword 43:15 formula 6:18 7:1,14 foreword 43:15 formula 6:18 7:1,14 greater 7:10 9:6 foreword 43:3.1 forula 14:18 foreword 43:15 formula 6:18 7:1,14 foreword 43:15 foreword	_				_
Table 20:9					
40:d,7 enable 20:9 extended 30:10 extension 4:20 even section 4:20 even extension 4:20 even extension 4:20 even extension 4:20 even 23:3		expressed 11:13		O	
enable 20:9 extension 4:20 Formal 5:3 Formal 5:3 13:7,8,10,14 15:7 High 11:11,13,21 12:10 31:24 35:19 enod 23:3 Energy 21:5 F 44:1 8:6,7,21 10:13 15:20 20:1 29:14 greater 7:10 9:6 37:4,6 higher 11:16 13:15 37:4,6 higher 11:16 13:15 13:15 31:8 Highly 14:5 higher 11:16 13:15 13:15 31:8 Highly 14:5 higher 11:16 13:15 13:15 31:8 Highly 14:5 higher 11:16 13:15 37:4,6 higher 11:16 13:15 13:15 31:8 Highly 14:5 hi					
encourage 6:19 end 23:3 eye 29:7 formula 6:18 7:1,14 8:6,7,21 10:13 17:17 17:10:16:12:15 enforcement 7:10 15:20 20:1 29:14 greater 7:10 9:6 higher 11:16 13:15 37:4,6 higher 11:16 13:15 Energy 21:5 enforcement 7:10 16:1 20:5 F 44:1 factor 13:4,9 factor 13:4,9 equily 43:7 factor 13:4,9 factor 6:18 12:24 13:6:24 13:8 28:10 36:21 36:24 13:5:24 equivalent 24:22 escort 23:20 24:4 33:5,21 38:10 especially 31:18 20:2 35:1 37:6,8 estimate 24:24 establish 38:20 establish 38:20 establish 38:20 established 32:3 estimate 24:24 evaluate 4:3 29:12 even 30:12 34:8 event 13:2 24:5,6,7 and 13:2 4:14 4:24 5:10,16 fewer 7:8 10:8,9 38:11				12:17,18,19,24	hereinabove 44:13
Section Part	enable 20:9	extension 4:20	Formal 5:3	13:7,8,10,14 15:7	High 11:11,13,21
F 18:13,24 19:6 forward 43:15 found 18:24 found	encourage 6:19	eye 29:7	formula 6:18 7:1,14	15:20 20:1 29:14	12:10 31:24 35:19
Time	end 23:3		8:6,7,21 10:13	greater 7:10 9:6	37:4,6
Total 1	Energy 21:5	F	18:13,24 19:6	17:17	higher 11:16 13:15
enhance 18:9 equally 43:7 factor 13:4,9 factors 6:18 12:24 four 14:18 fourth 4:6 from 3:24 7:21 9:17 guides 15:1 35:16 guided 6:21 guided 6:2	enforcement 7:10	F 44:1	forward 43:15	greatly 33:1	13:15 31:8
equally 43:7 factors 6:18 12:24 fourth 4:6 guess 15:1 35:16 his 41:17 equipment 30:16 13:8 28:10 36:21 36:24 11:7 12:7,9 15:11 guided 6:21 guided 6:21 p:19 10:3,6 19:24 equivalent 24:22 facts 18:24 19:5 22:1,13 guides 38:14 guides 38:14 p:19 10:3,6 19:24 escort 23:20 24:4 failure 9:5 17:16,21 25:8 29:5 30:8 H 30:19 31:2 37:19 establish 38:20 fair 38:2 32:14,15 37:24 30:15 32:3,4 40:6 hold 17:19 establish 4:17 6:5 16:19 failth 4:17 6:5 16:19 full 18:14 19:6 44:13 hold 17:19 estimates 19:12,15 far 34:18 20:1 further 4:22 40:17 has 8:4 10:8 14:9,11 hold 17:19 evaluation 6:17 fail 14:20 34:8,13 G 38:3,9 40:16 hourly 39:22 40:6,7 even 30:12 34:8 even 13:2 24:5,6,7 Federal 3:23 4:14 42:45 5:10,16 get 23:8 31:14 32:4 haven't 37:12 haven't 37:12 hurdle 36:12 Every 38:15 field 23:17 24:21 getting 35:17 getting 35:17 he's 21:19 41:16 heading 14:24 headuptartered </th <th>16:1 20:5</th> <th>fact 32:14 42:23</th> <th>found 18:24</th> <th>GREG 1:9 44:3,21</th> <th>Highly 14:5</th>	16:1 20:5	fact 32:14 42:23	found 18:24	GREG 1:9 44:3,21	Highly 14:5
equipment 30:16 equitable 10:12 equivalent 24:22 escort 23:20 24:4 33:5,21 38:10 especially 31:18 establish 38:20 established 32:3 estimate 24:24 estimate 24:24 estimate 24:24 estimate 24:24 estimate 24:27 evaluate 4:3 29:12 evaluation 6:17 12:18 31:17,19 Evansville 21:21 even 30:12 34:8 event 13:2 24:5,63 event 13:2 24:5,63 event 13:2 24:5,63 28:8 29:4 34:7 38:11 Every 38:15 everything 30:17,20 36:24 facts 18:24 23:24 24:13 25:4 factual 7:18 23:24 24:13 25:4 30:15 32:3,4 0:6 full 18:14 19:6 full 18:14 19:6 full 18:14 19:6 full 18:14 19:6 further 4:22 40:17 further 4:22 40:17 far 34:18 G gave 25:11 40:15 generally 8:24 event 13:2 24:5,67 38:11 Every 38:15 event 13:2 24:5,67 38:11 Every 38:15 everything 30:17,20 36:17 38:15 evidence 5:3 figure 26:9 final 4:3,6,12 5:21 giuded 6:21 guided 6:21 guise 38:14 guys 25:12 22:24 24:13 25:4 had 25:3,20 28:2 hit 22:20 hold 17:19 holding 4:1 hopefull 36:16 hopefull 36:16 hourly 39:22 40:6,7 However 9:1 13:21 haven't 37:12 haven't	enhance 18:9	factor 13:4,9	four 14:18	grouping 17:10,11	himself 21:3
equitable 10:12 equivalent 24:22 facts 18:24 facts 18:	equally 43:7	factors 6:18 12:24	fourth 4:6	guess 15:1 35:16	his 41:17
equivalent 24:22 escort 23:20 24:4 33:5,21 38:10 facts 18:24 factual 7:18 full 18:14 19:6 ful	equipment 30:16	13:8 28:10 36:21	from 3:24 7:21 9:17	guided 6:21	history 6:3 9:13,15
escort 23:20 24:4 33:5,21 38:10 factual 7:18 failure 9:5 17:16,21 20:2 35:1 37:6,8 establish 38:20 23:24 24:13 25:4 25:8 29:5 30:8 32:14,15 37:24 30:15 32:3,4 40:6 hold 17:19 holding 4:1 holding 4:1 holding 4:1 hopeful 36:16 hopeful 36:16 hopeful 36:16 hopeful 36:16 hopeful 22:2 properus 4:4 far 34:18 far 34:18 further 4:22 40:17 12:18 31:17,19 february 1:7,13 even 30:12 34:8 event 13:2 24:5,6,7 24:12 27:24 28:4 28:8 29:4 34:7 28:8 29:16 fewer 7:8 10:8,9 15:24 field 23:17 24:21 every 38:15 everything 30:17,20 36:17 38:15 evidence 5:3 evolve 39:19 factual 7:18 failure 9:5 17:16,21 25:8 29:5 30:8 32:14,15 37:24 30:15 32:3,4 40:6 hold 17:19 holding 4:1 hopeful 36:16 hopeful 36:16 hopeful 36:16 hopeful 36:16 hopeful 36:16 hopeful 36:16 hopeful 22:20 hold 17:19 hopeful 36:16 h		36:24	11:7 12:7,9 15:11	guides 38:14	9:19 10:3,6 19:24
Sample	equivalent 24:22	facts 18:24	19:5 22:1,13	guys 25:12	22:24 29:17 30:1
especially 31:18 establish 38:20 established 32:3 estimate 24:24 estimates 19:12,15 19:17 evaluate 4:3 29:12 evaluation 6:17 12:18 31:17,19 Evansville 21:21 even 30:12 34:8 event 13:2 24:5,6,7 24:12 27:24 28:4 28:8 29:4 34:7 38:11 15:24 Every thing 30:17,20 36:17 38:15 evidence 5:3 evolve 39:19 20:2 35:1 37:6,8 32:14,15 37:24 39:9,11 43:2 full 18:14 19:6 full 29:12 functions 30:5 further 4:22 40:17 Bull 18:14 19:6 full 18:14 19:6 full 29:12 functions 30:5 further 4:22 40:17 Bull 18:14 19:6 full 29:12 functions 30:5 further 4:22 40:17 Beas 4: 10:8 14:3,1 14:15,24 15:14 17:2 21:3 24:1,14 34:11 35:24 36:20 38:3,9 40:16 hopefull 36:16 hopeful 36:16 hopefull 36:16 hopefull 36:16 hopefull 36:16 hopeful 36:16	escort 23:20 24:4	factual 7:18	23:24 24:13 25:4		30:19 31:2 37:19
especially 31:18 20:2 35:1 37:6,8 32:14,15 37:24 had 25:3,20 28:2 hit 22:20 establish 38:20 fair 38:2 39:9,11 43:2 30:15 32:3,4 40:6 hold 17:19 established 32:3 faith 4:17 6:5 16:19 full 18:14 19:6 44:13 holding 4:1 estimate 24:24 16:24 17:3,13 20:1 functions 30:5 has 8:4 10:8 14:9,11 hopefull 36:16 estimates 19:12,15 familiar 5:9 further 4:22 40:17 14:15,24 15:14 28:22 evaluate 4:3 29:12 Fatal 14:20 34:8,13 G 38:3,9 40:16 hour 44:6 evansville 21:21 4:11,13 12:17 generally 8:24 gentlemen 33:23 hauler 33:11 However 9:1 13:21 event 13:2 24:5,6,7 Federal 3:23 4:14 4:24 5:10,16 40:6 he 21:20 33:17 24:12 27:24 28:4 4:24 5:10,16 gets 29:16 he 21:20 33:17 he's 21:19 41:16 I Every 38:15 field 23:17 24:21 give 19:4 22:6 28:23 heading 14:24 He's 21:19 41:16 I'd 22:14 23:4 25:16 everything 30:17,20 36:17 38:15 34:5 38:8 gives 24:20 giving 21:22 </th <th>33:5,21 38:10</th> <th>failure 9:5 17:16,21</th> <th>25:8 29:5 30:8</th> <th>H</th> <th>38:1</th>	33:5,21 38:10	failure 9:5 17:16,21	25:8 29:5 30:8	H	38:1
establish 38:20 fair 38:2 fair 38:2 39:9,11 43:2 30:15 32:3,4 40:6 hold 17:19 established 32:3 estimate 24:24 faith 4:17 6:5 16:19 full 18:14 19:6 44:13 hands 22:16,18,20 hopeful 36:16 hopefull 36:18 hopefull 36:18 <t< th=""><th></th><th>20:2 35:1 37:6,8</th><th>32:14,15 37:24</th><th>had 25:3,20 28:2</th><th>hit 22:20</th></t<>		20:2 35:1 37:6,8	32:14,15 37:24	had 25:3,20 28:2	hit 22:20
established 32:3 faith 4:17 6:5 16:19 full 18:14 19:6 44:13 holding 4:1 hopeful 36:16 hopefull 22:5 hopefull 36:16 hopefull 36:18 hopefull 36:18 <th>establish 38:20</th> <th>fair 38:2</th> <th></th> <th></th> <th>hold 17:19</th>	establish 38:20	fair 38:2			hold 17:19
estimate 24:24 16:24 17:3,13 fully 29:12 hands 22:16,18,20 hopeful 36:16 estimates 19:12,15 20:1 functions 30:5 has 8:4 10:8 14:9,11 hopefully 22:5 evaluate 4:3 29:12 far 34:18	established 32:3	faith 4:17 6:5 16:19		44:13	holding 4:1
estimates 19:12,15 20:1 functions 30:5 has 8:4 10:8 14:9,11 hopefully 22:5 evaluate 4:3 29:12 far 34:18 ————————————————————————————————————				hands 22:16,18,20	
19:17					
evaluate 4:3 29:12 far 34:18 G 17:2 21:3 24:1,14 hour 44:6 hourly 39:22 40:6,7 12:18 31:17,19 February 1:7,13 gave 25:11 40:15 38:3,9 40:16 However 9:1 13:21 Evansville 21:21 4:11,13 12:17 generally 8:24 hauler 33:11 16:11 29:13 event 13:2 24:5,6,7 Federal 3:23 4:14 4:24 5:10,16 get 23:8 31:14 32:4 hazards 10:18 hurdle 36:12 28:8 29:4 34:7 field 23:17 24:21 gets 29:16 gets 21:19 41:16 heading 14:24 heading 14:24 I'd 22:14 23:4 25:16 Every 38:15 given 30:22 given 30:22 headquartered 27:24 30:2 34:20 27:24 30:2 34:20 36:17 38:15 figure 26:9 giving 21:22 health 3:4,18 4:4 I'll 6:23 22:9 36:4 I'll 6:23 22:9 36:4 evolve 39:19 final 4:3,6,12 5:21 go 15:11 22:17 23:4 5:11,13,17 6:21 I'm 8:18 21:14,17	•	familiar 5:9			
evaluation 6:17 Fatal 14:20 34:8,13 G 34:11 35:24 36:20 hourly 39:22 40:6,7 Evansville 21:21 4:11,13 12:17 generally 8:24 hauler 33:11 16:11 29:13 even 30:12 34:8 44:5,19 gentlemen 33:23 haven't 37:12 hundred 29:5 event 13:2 24:5,6,7 Federal 3:23 4:14 4:24 5:10,16 40:6 fewer 7:8 10:8,9 gets 29:16 he 21:20 33:17 hurdles 35:16,23 Every 38:15 field 23:17 24:21 give 19:4 22:6 28:23 heading 14:24 I'd 22:14 23:4 25:16 everything 30:17,20 34:5 38:8 gives 24:20 21:21 36:18 evidence 5:3 figure 26:9 giving 21:22 health 3:4,18 4:4 I'll 6:23 22:9 36:4 evolve 39:19 final 4:3,6,12 5:21 go 15:11 22:17 23:4 5:11,13,17 6:21 I'm 8:18 21:14,17					
12:18 31:17,19 February 1:7,13 gave 25:11 40:15 38:3,9 40:16 However 9:1 13:21 Evansville 21:21 4:11,13 12:17 generally 8:24 hauler 33:11 16:11 29:13 even 30:12 34:8 44:5,19 gentlemen 33:23 haven't 37:12 hundred 29:5 event 13:2 24:5,6,7 Federal 3:23 4:14 4:24 5:10,16 get 23:8 31:14 32:4 hazards 10:18 hurdle 36:12 28:8 29:4 34:7 fewer 7:8 10:8,9 gets 29:16 he 21:20 33:17 hurdles 35:16,23 Every 38:15 field 23:17 24:21 give 19:4 22:6 28:23 heading 14:24 I'd 22:14 23:4 25:16 everything 30:17,20 34:5 38:8 gives 24:20 21:21 36:18 evidence 5:3 figure 26:9 giving 21:22 health 3:4,18 4:4 I'll 6:23 22:9 36:4 evolve 39:19 final 4:3,6,12 5:21 go 15:11 22:17 23:4 5:11,13,17 6:21 I'm 8:18 21:14,17			G	· ·	
Evansville 21:21 4:11,13 12:17 generally 8:24 hauler 33:11 16:11 29:13 even 30:12 34:8 44:5,19 get 23:8 31:14 32:4 haven't 37:12 hundred 29:5 event 13:2 24:5,6,7 Federal 3:23 4:14 4:24 5:10,16 40:6 16:13,16 hurdles 35:16,23 28:8 29:4 34:7 fewer 7:8 10:8,9 gets 29:16 he 21:20 33:17 hurdles 35:16,23 Every 38:15 field 23:17 24:21 give 19:4 22:6 28:23 heading 14:24 I'd 22:14 23:4 25:16 everything 30:17,20 34:5 38:8 gives 24:20 21:21 36:18 evidence 5:3 figure 26:9 giving 21:22 health 3:4,18 4:4 I'll 6:23 22:9 36:4 evolve 39:19 final 4:3,6,12 5:21 go 15:11 22:17 23:4 5:11,13,17 6:21 I'm 8:18 21:14,17		· · · · · · · · · · · · · · · · · · ·			
even 30:12 34:8 44:5,19 gentlemen 33:23 haven't 37:12 hundred 29:5 event 13:2 24:5,6,7 Federal 3:23 4:14 4:24 5:10,16 40:6 16:13,16 hurdles 35:16,23 28:8 29:4 34:7 fewer 7:8 10:8,9 gets 29:16 he 21:20 33:17 hurdles 35:16,23 Every 38:15 field 23:17 24:21 give 19:4 22:6 28:23 heading 14:24 I'd 22:14 23:4 25:16 everything 30:17,20 36:17 38:15 34:5 38:8 gives 24:20 21:21 36:18 evidence 5:3 figure 26:9 giving 21:22 health 3:4,18 4:4 I'll 6:23 22:9 36:4 evolve 39:19 final 4:3,6,12 5:21 go 15:11 22:17 23:4 5:11,13,17 6:21 I'm 8:18 21:14,17		•	O	· · · · · · · · · · · · · · · · · · ·	
event 13:2 24:5,6,7 Federal 3:23 4:14 get 23:8 31:14 32:4 hazards 10:18 hurdle 36:12 24:12 27:24 28:4 4:24 5:10,16 40:6 16:13,16 hurdles 35:16,23 28:8 29:4 34:7 fewer 7:8 10:8,9 gets 29:16 he 21:20 33:17 he's 21:19 41:16 Every 38:15 field 23:17 24:21 give 19:4 22:6 28:23 heading 14:24 I'd 22:14 23:4 25:16 everything 30:17,20 36:17 38:15 34:5 38:8 gives 30:22 headquartered 27:24 30:2 34:20 36:17 38:15 gives 26:9 giving 21:22 health 3:4,18 4:4 I'll 6:23 22:9 36:4 evolve 39:19 final 4:3,6,12 5:21 go 15:11 22:17 23:4 5:11,13,17 6:21 I'm 8:18 21:14,17		*			
24:12 27:24 28:4 4:24 5:10,16 40:6 16:13,16 hurdles 35:16,23 28:8 29:4 34:7 fewer 7:8 10:8,9 gets 29:16 he 21:20 33:17 15:24 Every 38:15 field 23:17 24:21 give 19:4 22:6 28:23 heading 14:24 I'd 22:14 23:4 25:16 everything 30:17,20 34:5 38:8 given 30:22 headquartered 27:24 30:2 34:20 36:17 38:15 34:5 38:8 gives 24:20 21:21 36:18 evidence 5:3 figure 26:9 giving 21:22 health 3:4,18 4:4 I'll 6:23 22:9 36:4 evolve 39:19 final 4:3,6,12 5:21 go 15:11 22:17 23:4 5:11,13,17 6:21 I'm 8:18 21:14,17					
28:8 29:4 34:7 fewer 7:8 10:8,9 gets 29:16 he 21:20 33:17 I 38:11 15:24 getting 35:17 he's 21:19 41:16 I Every 38:15 field 23:17 24:21 give 19:4 22:6 28:23 heading 14:24 I'd 22:14 23:4 25:16 everything 30:17,20 34:5 38:8 given 30:22 headquartered 27:24 30:2 34:20 36:17 38:15 34:5 38:8 gives 24:20 21:21 36:18 evidence 5:3 figure 26:9 giving 21:22 health 3:4,18 4:4 I'll 6:23 22:9 36:4 evolve 39:19 final 4:3,6,12 5:21 go 15:11 22:17 23:4 5:11,13,17 6:21 I'm 8:18 21:14,17			O		
38:11 15:24 getting 35:17 he's 21:19 41:16 I Every 38:15 field 23:17 24:21 give 19:4 22:6 28:23 heading 14:24 I'd 22:14 23:4 25:16 everything 30:17,20 36:17 38:15 34:5 38:8 given 30:22 headquartered 27:24 30:2 34:20 evidence 5:3 figure 26:9 giving 21:22 health 3:4,18 4:4 I'll 6:23 22:9 36:4 evolve 39:19 final 4:3,6,12 5:21 go 15:11 22:17 23:4 5:11,13,17 6:21 I'm 8:18 21:14,17				T	
Every 38:15 field 23:17 24:21 give 19:4 22:6 28:23 heading 14:24 I'd 22:14 23:4 25:16 everything 30:17,20 25:3 27:23 28:8 given 30:22 headquartered 27:24 30:2 34:20 36:17 38:15 34:5 38:8 gives 24:20 21:21 36:18 evidence 5:3 figure 26:9 giving 21:22 health 3:4,18 4:4 I'll 6:23 22:9 36:4 evolve 39:19 final 4:3,6,12 5:21 go 15:11 22:17 23:4 5:11,13,17 6:21 I'm 8:18 21:14,17		,			I
everything 30:17,20 25:3 27:23 28:8 given 30:22 headquartered 27:24 30:2 34:20 36:17 38:15 34:5 38:8 gives 24:20 21:21 36:18 evidence 5:3 figure 26:9 giving 21:22 health 3:4,18 4:4 I'll 6:23 22:9 36:4 evolve 39:19 final 4:3,6,12 5:21 go 15:11 22:17 23:4 5:11,13,17 6:21 I'm 8:18 21:14,17					I'd 22:14 23:4 25:16
36:17 38:15 34:5 38:8 gives 24:20 21:21 36:18 evidence 5:3 figure 26:9 giving 21:22 health 3:4,18 4:4 I'll 6:23 22:9 36:4 evolve 39:19 final 4:3,6,12 5:21 go 15:11 22:17 23:4 5:11,13,17 6:21 I'm 8:18 21:14,17			O		
evidence 5:3 figure 26:9 giving 21:22 health 3:4,18 4:4 I'll 6:23 22:9 36:4 evolve 39:19 final 4:3,6,12 5:21 go 15:11 22:17 23:4 5:11,13,17 6:21 I'm 8:18 21:14,17				_	
evolve 39:19 final 4:3,6,12 5:21 go 15:11 22:17 23:4 5:11,13,17 6:21 I'm 8:18 21:14,17					

2010 2012 2010			O		
	1011	= -0.1,0 10.21		,	
			I	I	I

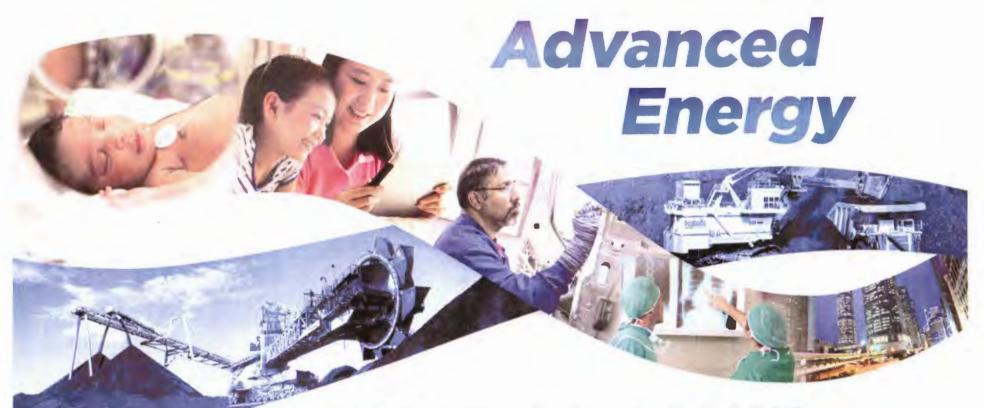
	I	I	I	I
26:8,10,20 27:11	28:8 31:4 33:4,22	kind 29:18 36:12	lot 22:16 26:19	mentioned 19:15
27:17 28:20 36:13	34:5 38:10	39:4	39:17,18,21 40:3	metal/nonmetal 9:2 10:14
36:16,16 39:4	inspector's 33:17		knew 10:17 11:5 40:7	
41:21,21 42:2	inspectors 7:6,8,16	12:1,11 37:2	Low 11:11,21	methane 30:10
I've 22:22 27:12,17	7:17 35:9,12	know 3:23 4:7 8:4		method 30:9
31:12	intend 35:9	15:2,8 17:20 22:3	M	methods 8:4
ice 22:15,17	intends 11:20	29:9 31:11,21	ma'am 26:1	middle 33:14 34:14
Illinois 1:6,12 44:5	intent 10:4	35:15 37:20 40:12	made 22:5,6 25:13	Midwest 21:20
44:8	interest 42:24	40:12 43:1,1	28:23 31:22 36:5	miles 22:14
illness 12:20,21 13:2	interested 44:15	known 10:17 11:5	40:12	mind 27:22 28:1
14:12,14,16 15:4	interface 23:19	12:1,11,15 37:2	Main 3:9 43:11	42:19 43:10
impact 10:12,24	interrupt 23:8		major 29:4	mine 3:3,18 5:10,11
11:18 18:6 37:5	into 11:11 13:19	L	make 7:8,17 11:19	5:12,15,16,23
37:18	21:24 29:16 30:14	Labor's 3:17	15:9 20:13,23	6:21 8:23 9:6 10:8
importance 9:16	39:7,10	last 4:10 6:9 25:20	21:8 26:16 31:12	35:12 42:8
important 43:1,7,8	introduce 3:13	26:9,10,23 34:24	32:20 34:20 35:6	miner 10:24
improve 4:4 13:24	21:14	later 4:23 6:23 40:4	36:5 41:18,24	miner's 23:20
14:4 20:4 23:16	introduced 21:16	law 18:23 23:24	makes 33:2 36:1	miners 42:16
improvement 7:5	investigations 37:14	lead 7:8 31:17	making 4:21 42:9	mines 4:5 9:2 10:11
improving 38:20	involve 30:10,11,12	least 22:19 26:24	42:20,24 43:6,14	10:14,18
incidents 38:14,18	involved 28:10	29:19 41:24	makings 42:10	minimal 16:2,6
included 9:11 10:2	36:15 40:6,7	leave 26:24	management 39:7	minimum 7:23 9:4
10:5	involvement 38:21	left 3:16	39:12,21 40:3	17:15,21,22,24
incorporated 39:7	involves 8:9	less 33:15 34:16	manner 5:3 42:16	mining 39:6 42:14
incorrect 19:20	involving 37:13	let 22:10	Mantel 1:21 3:16	42:18
increase 9:5,14	issuance 10:10	levels 33:20	many 3:23 4:7	mitigating 11:7
10:16,20 15:20	issue 5:12 7:16,19	License 44:22	March 4:21 20:12	12:12 36:21,24
17:15 18:4 31:9	29:17 30:3 33:16	life 38:13	43:15	Model 39:6
31:18 34:14 37:9	issued 17:23 32:2	like 3:9,13 9:10	mark 25:3	moderate 11:11,21
37:16	34:24,24	16:10 21:22 22:8	marked 25:23 26:17	24:24 31:9
increased 16:12	issues 7:10 16:1	22:12,14 23:4	markings 26:4	moderator 1:19 3:4
24:7 31:16	38:6,24	25:17 27:24 28:19	matching 32:20	modify 18:17
increases 37:14,18	item 30:1 36:22	30:2 32:10 34:20	Mathies 36:13,16	monoxide 34:3
Indiana 21:21	items 28:12 35:17	36:3,8,18 42:7	matter 1:14	months 10:9
industry 25:11 29:3	iterate 36:8	likelihood 12:20	Mattos 3:19	more 6:19 7:11
29:19 31:4,20	its 3:22 10:4 33:15	13:1,9,10,18,21	maximum 7:20,23	10:12 17:19 19:5
34:11 36:1		13:23 14:11 22:24	8:1	22:2,6 23:17,19
ineligible 17:8	J	23:13 27:10 29:9	may 5:4,5 6:16	32:11,11,18,19,23
informal 5:3	Jay 3:19	38:8,12	20:10,15 23:17	39:20 40:15 41:4
information 4:2 5:6	Joe 43:11	likely 13:12 14:5,5,7	25:15 32:5 39:3	41:7
5:7 6:16 35:22	Joseph 3:8	14:12,13 24:10,12	43:16	morning 3:1 34:23
43:6,8	judge 18:23	25:4,5 26:13	maybe 33:19,19	43:2
informed 21:2	July 3:24	36:14,15	McCONNELL 1:20	most 5:9 19:22
initial 27:15 29:14	jump 31:21	list 21:1	3:14 41:6	motor 33:11
31:23	jumps 31:19	listen 21:4	me 11:18 19:16 21:7	move 42:12
initiative 39:17	just 15:18 20:8	little 14:11 23:1,19	21:8 23:7 25:16	MSHA's 1:3 3:5 5:2
initiatives 18:5	21:14 23:7 27:7	29:16	25:20 36:4 37:7	5:19 6:17 18:19
injured 22:21	29:11 30:2 31:8	long 35:24	mean 11:4,24 12:5	19:3 20:16
injury 12:20,21	41:9,24 42:5 43:8	look 24:16 28:15	12:13 34:6 39:16	much 41:12
13:1 14:12,14,15		31:6 32:8 33:12	means 14:14	must 6:12 32:24
15:3 27:19 38:12	K	33:14 35:16,17	measurements	my 3:1,14,16 21:1
inspection 10:8,13	keep 24:22 25:1	43:15	32:10	34:21,22 35:14
29:17	27:22 28:1 30:17	looked 30:16,21	measures 30:13	39:5 44:18
inspections 18:6	key 36:18 38:22	looking 15:1,15	37:23	
inspector 15:9,23	kicked 37:20	28:2 29:24 40:14	member 3:19	N
16:10 23:20 24:4	kin 44:16	Lost 14:18,19 24:19	members 3:13	name 3:1 20:22,22

National 39:6	occur 13:2 17:19	28:10 36:5 40:10	persons 12:22 13:3	presentation 2:1,24
nature 27:14	occurred 13:2,12	43:15	15:5,6,10,13,13	20:19 27:6 37:21
necessarily 39:3	14:14 15:3 27:14	otherwise 10:1	15:16	presented 19:13
necessary 18:5	27:16	out 22:17 23:6 24:1	perspective 23:18	42:22 43:9
need 9:16	Occurrence 13:1	24:21 25:20 26:9	picking 28:8	presenting 19:16
needs 42:13,17	occurring 9:17	29:10 30:20 36:19	picture 32:20	president 21:18
negatively 6:14	off 21:3 22:20 39:4	39:22	piece 30:16	pretty 24:17 32:6,8
neglect 36:23 37:9	offered 18:8	outcome 29:4	Pittsburgh 32:14	34:1
Negligence 4:15	Office 3:15,17	outreach 35:12	place 39:24 40:2	prevent 9:17
10:15,21 11:2,4,8	often 14:23	over 10:9 15:11	44:13	prevention 16:12
11:11,12,14,21,23	Oh 34:20	32:6 39:19 40:4	placed 11:22 13:15	previous 6:3 9:19
11:24 12:3,8,10	okay 21:7,13 22:7	overall 9:13 16:2,7	plagues 29:19	22:1 24:20 31:20
13:6 15:20 19:24	23:11 25:18,22	overhead 21:6	plan 37:22	principle 7:10,12
23:2 31:11,24	27:4,11,12 34:18	own 36:17 39:5	plans 29:21	principles 6:22 7:3
32:23 33:2,3	40:9		play 24:21 29:24	prior 10:10
36:19 37:1,4,13	old 30:20	P	played 3:20	proactive 6:20
negligent 6:4 12:3	one 17:5,11 21:2,3	paid 9:24 16:20	please 19:16,18,19	probability 38:3
12:13 24:24 33:13	22:24 23:3,5,12	17:7,11	19:21 20:8,19,21	probably 6:23 31:3
34:16 35:19,21	23:14 25:4,11,16	paint 32:14,15	36:4 41:1	35:11
37:15	26:19,21 27:13,21	panel 1:18 3:14 5:4	pockets 22:17,18	problematic 24:3
neither 16:19 30:10	29:3,16 31:5,13	5:6 20:21 43:12	point 9:10 10:19	38:7
new 24:19,20 28:5	34:11 35:16 36:5	part 23:8 29:21	25:17 27:22 28:3	procedures 1:4 3:6
28:19 30:20 38:5	only 6:24 8:7 9:24	30:24 31:1 36:15	30:9,22 34:18	proceedings 1:9
38:5	10:4 17:6,11	participation 42:9	36:1,5,5 41:21	44:9,13
newly 23:22	18:20 32:22 35:11	42:11,20 43:13	42:5,7	process 5:10 7:2,14
next 3:10 27:13	42:10,21	particularly 10:12 40:18	points 7:21 9:16	7:15 8:8 15:22
29:16 31:10,19 33:24	open 38:19 opening 34:22	parties 44:17	10:8 11:23 14:3,8 22:24 23:1 30:4	28:18 38:22 39:19 40:2
nobody 41:20 42:3	openness 7:12	parties 44.17 pass 33:7	30:17,19 31:2	program 39:13
non-flagrant 7:24	operate 38:18	past 32:5 40:4	portion 31:7	projected 8:16
non-nagrant 7.24 nor 16:19 44:16	operations 3:3	Patricia 1:19 3:2	portray 33:3	40:24
norm 31:6	21:20	pay 16:23	possible 20:8 26:24	projection 8:14,16
normal 35:23	operator 6:4,11,12	payment 16:17	post-hearing 4:20	11:19
North 1:10 44:6	6:13 11:5 12:1,11	Peabody 21:5,18	potential 24:5 37:14	projections 11:17
noted 36:22	12:14 16:9,12,15	29:12 38:13	38:11	prompt 16:15,17
notice 4:14,24 12:16	37:2	penalties 1:4 3:7	potentially 12:22	promptly 16:22,23
26:23,23 29:11	operator's 6:3,5,7	5:16,18 6:1,18 7:1	13:3 15:5,10,16	proper 20:9
34:23,24	6:10 9:13,19 10:3	8:5,22 9:4 10:22	34:6	proposal 6:17 7:15
now 3:13 7:17 15:9	10:6	11:16 13:16 16:2	PowerPoint 23:8	7:17 9:5,8,12 10:7
17:21 20:18 21:4	operators 5:13 6:19	16:7,17 17:1,7,16	25:15	10:15,18 11:2,6
21:12 27:11 28:21	9:6,17 10:16,24	18:10,14,20,21	practice 11:6 12:15	11:19 12:4 13:6
31:2 40:16	16:22 17:18,19	19:1 28:16 31:18	14:11,13,15 15:17	14:17 15:6,7,12
number 7:7,21 9:20	opportunity 21:23	people 19:15 22:16	24:12	15:19 16:4,5,8,15
9:21 13:4 15:10	38:23 41:10	27:1 39:4 42:21	practices 38:17,19	17:22 18:7,19
23:13 33:1 37:9	opposed 18:2	Per 10:13 29:17	pre-assessment	20:6 27:15 28:5
37:16	options 24:21 32:23	percent 4:18 16:8	4:19 17:4	29:14
numerous 23:24	order 5:21 8:10	16:18,24 17:8,17	preamble 13:22	proposals 25:5
	10:10 15:21 16:21	18:4 20:1 25:7,7	16:14 18:7,15	42:11
0	17:23	percentage 8:13,15	19:8,11,13	proposes 5:16 11:10
o'clock 1:12 41:24	orders 5:12 7:7,19	9:15	preceding 9:23	13:17
objected 13:20	10:2,5 17:17 18:1	percentages 8:20	predated 40:11	proposing 5:24 8:5
objective 38:18	32:2,5	period 4:20 9:22	predictability 18:10	9:12 10:3 13:10
objectivity 7:5 13:24 15:21 20:4	organization 20:22	20:12 28:1	prepare 19:9	17:15
13:24 15:21 20:4 23:16	43:4	Permanently 14:22 34:2,10	present 5:7 22:9	protection 42:15
obvious 35:24	originally 24:10 other 20:5 25:11	person 43:9	28:3 32:24 41:18 42:12 43:3,5,17	provide 4:22 9:6 16:11,18 17:17
UDVIUUS 33.24	other 20.3 23:11	person 43.7	42.12 43.3,3,17	10.11,18 17:17
	1		I	

10 10 10 21 20 10	22 0 42 6 14		20 12 16 12 0 16	1, 40.22
19:18,19,21 20:19	23:9 43:6,14	respirable 34:9	39:12,16 42:8,16	show 40:23
21:23 32:22 41:1	44:12	response 3:24	said 8:3 11:24 15:18	showed 25:23
provides 16:8 42:15	recurring 9:18	responsive 42:17	16:6 19:6 20:8	shows 42:23
providing 41:13	reduce 7:20 11:2	rest 25:1	26:17 28:22 34:22	side 24:2 33:21,22
provision 9:22	13:3,11 14:17	Restricted 14:19	34:23 35:10 39:7	36:19
10:11 12:23	23:12	restrictive 36:23	40:10,13,18 42:19	signature 44:18
provisions 20:3,7	reduced 15:8 31:11	restructure 10:19	same 8:24 9:21 25:2	signed 3:11
public 1:3 3:5 4:1,1 4:6 17:6 20:14	reduces 33:1 reducing 7:7 13:13	result 10:12,22 13:14 15:24 24:13	say 3:11 6:23 11:18 19:16 25:14 33:13	significant 30:23 33:12 34:13 36:7
36:6 42:1,14,18	reduction 4:17 16:9	27:10 28:9 37:8	34:14 35:4 38:9	36:10 37:5,20
43:17	16:19,24 17:3,14	resulted 27:18	39:24 41:22 42:7	significantly 31:8
published 3:22 4:13	20:2 25:7	resulting 11:16	42:21 43:12	33:18
12:16 29:11	refer 5:11,17 8:5	retain 12:23		Silvey 1:19 3:1,2
pursue 35:21	referred 44:14	review 5:17,22 20:9	saying 26:6 scale 32:9	21:7,11,13,16
put 24:1 27:6 33:22	reflect 10:20,23	23:24 32:3 36:12	scenario 23:2 31:10	23:7,11,15,10
put 24.1 27.0 33.22	reflects 42:13	40:15 42:11	33:24 40:24	26:2,15 27:4,8,11
Q	Register 3:23 4:14	reviews 6:16	scenarios 22:22	27:17 28:11,14,20
question 17:5 27:23	4:24 29:10	revise 10:15	34:17 40:15	29:1 31:22 34:20
30:23	regular 6:18 7:1,14	revised 11:4	scene 24:6 33:6,23	36:4 39:2,23 40:9
questions 5:4,5	8:5,7,21	revision 4:15	scope 18:8,17 29:20	41:7,11,16
34:18 37:5	regulation 18:18	revisions 38:9	29:23 30:12	similar 13:5 19:4
31.10 37.3	regulations 8:3 35:5	revolve 22:23	second 4:9 7:10	27:13 30:11
R	regulatory 19:10	revolved 27:14	19:3 26:8,23 30:2	simple 24:17 34:1
R 44:1	40:18	33:10	31:15 36:22	simplified 16:5
raise 40:22	reiterate 9:10 16:3	revolves 24:1,9	Secretary 3:3,8 5:14	simplify 13:6
raises 37:5	35:3 36:9	31:10 33:24	43:11	simplifying 15:19
range 30:8	related 18:8	right 3:14 21:11	section 17:23 31:19	since 25:15 27:22
rates 31:1	relative 9:14 10:20	22:7 25:21,24	see 3:11 21:12 22:8	32:2 38:9
rationale 19:19,21	36:23	26:12 28:11,24	29:2 32:20	single 11:12 13:19
read 12:18 14:10,13	remain 8:24 14:2	36:3 39:14 41:11	seeks 18:11	14:6
15:2,15,16	remaining 17:12	risk 39:7 40:7	seem 38:2	site 33:16
real 24:6 38:3	40:13	risk-based 39:20	seems 31:5 32:10	situation 33:23
realize 24:13 27:5	remains 32:1	RMR 1:10 44:3,21	seen 32:12	six 5:24 19:1 35:17
really 3:10 22:17	remember 25:16	rock 24:18	selection 31:20	35:23
23:18 24:1,9 25:3	removal 13:20	role 3:20	send 6:13	size 6:2 8:23
27:14 28:5 29:4,6	remove 11:7	roller 28:2,4,9,9,17	senior 21:17	slick 22:15
29:8,16 31:10,13	renders 32:15	rolling 39:22	sense 26:16	slide 25:20,20 27:5
32:4,17 33:4,24	rep 23:21	roof 29:22 30:9	separate 19:9 30:14	slightest 12:6
35:18	repeat 9:21 23:1	room 3:12 5:1 8:11	serious 7:11	slip 22:17
reason 26:22 33:16	29:18,21 30:1,4	40:20 41:17	seriousness 12:19	small 9:2 10:14
Reasonably 13:12	30:21 31:7 37:19	rules 5:3	serve 42:5	smaller 10:11
14:5,6,12 24:10	38:1	Rules-To-Live-By	set 16:10 36:12	snow 22:15
25:4 26:13 36:14	REPORT 1:9	18:6	sets 5:14	so 18:18 21:1,3,7
36:15	reported 44:3	ruling 23:6 42:13	settled 38:6	22:3,4,9,16 24:14
reasons 34:11	reporter 5:8 20:20	run 30:2	Several 18:3	25:22 26:2,8,18
receive 4:2	20:23		severity 12:21 13:1	26:24 28:3 34:11
recent 23:6 25:4	representative 43:5	S	14:17,18 15:3	34:17 35:7,11,14
reckless 11:15 12:2	request 4:18 17:3	S 1:9 44:3,21	23:3 34:1	36:16 39:9,24
12:5,8 31:21	22:2	S&S 24:2,18 36:12	sheet 3:12	40:14 41:7,24
33:13,18 35:2,19	requested 6:11	safe 38:16,19,21	Sheila 1:20 3:14	42:3,7,16 43:10
37:10	requests 3:24 19:12	safety 3:3,18 4:4	short 28:1	sole 36:24
recognition 9:16	require 18:22	5:10,13,16 6:20	shorthand 44:3,10	solicit 20:5
recognize 16:15	requires 5:12,23	7:11,18 10:17	should 10:17 11:5	Solicitor 3:17
recognizing 40:16	resolution 7:9 16:1	11:1 16:12,16	12:1,11,18 14:10	solicits 19:23
reconvene 42:4	respect 7:18 39:5	21:18,20 22:12	14:13 15:2,14,16	some 9:11 13:12
record 4:21 20:24	respectively 18:3	38:13,14,22 39:6	37:2	21:24 22:1,3,4

	1	1	1	1
23:14 28:10,22,23	suggested 20:3 28:6	22:16,17	topics 39:1	30:19 31:8,21
31:22 32:6 34:17	suggesting 26:21	then 15:2 23:2 26:5	total 8:22 9:1,15	33:7,19 34:15,18
35:22 36:20 38:9	suggestions 20:10	27:1 28:6 29:23	totally 40:2	38:24 41:16
39:12 40:10,11,13	Suites 1:10 44:6	33:6 35:8 39:11	train 35:7,9,11	upon 1:13
40:16 42:13 43:2	summary 23:4	41:1,3 42:4,7,12	training 15:23	use 7:16 30:9 38:1
something 22:13	supervisors 40:5	there 12:12 16:5	33:20 39:18,21	used 7:3 8:16 19:14
sometime 6:23	supplying 35:22	17:20 23:16 25:5	40:3,5	30:18 31:1,3 33:9
sorry 21:9,10	support 37:10	30:23 31:16 35:20	transcript 2:24	using 26:2
source 26:19	supportable 19:21	36:1,19 37:13	20:14	using 20.2
south 22:14	supporting 6:13	38:9 39:14 40:13	transcripts 20:16	V
sparked 39:16	19:19	41:17	transfer 30:8	ventilation 29:21
speaker 21:2,3	sure 20:23 23:15	there's 17:10 23:1,3	transparency 7:13	37:22
speaker 21.2,3 speakers 5:5,5 21:2	27:3 31:12 36:13	29:18,19 33:12,15	tried 24:22 25:1	verbatim 20:13
special 7:2 8:6	41:24	33:20 41:20	27:1 30:17	versus 33:13
specific 9:11 20:8	surfaces 22:15	these 9:7 17:18	true 39:15 44:12	very 37:16 41:12
40:20,21,21	survey 24:18	18:14 24:15 25:16	truly 33:3	vice 21:18
specifics 40:17	survey 24.16 system 34:3	28:23 30:13 32:24	try 38:11	view 20:16
specifics 40.17 spelling 20:22	systems 39:8	34:22 35:7 37:24	trying 26:3,8,23	violating 39:5
spirited 39:1	systems 37.0	they 7:17 29:24	33:7	violating 59.5 violation 5:15 6:5
spritted 39.1 spray 30:8	T	they're 29:23 38:6	Tuesday 27:23	9:13,15,23 10:6
spray 50:8 staff 35:7	T 44:1,1	thing 3:10 27:21	29:10 38:10	12:19 16:9,20
standard 9:22	table 10:19 15:1,14	35:6 37:12 39:16	two 8:4 15:8,18	24:6,16,17 30:1,6
30:22 32:22 33:1	15:15,16	things 23:14 26:22	18:11 19:7 20:14	30:7,22,23 31:5,7
standards 3:16 5:14	take 22:10 34:4	31:12 36:18 40:8	21:1 22:3 24:20	33:3,6,10 35:20
29:20 30:13 38:21	39:9,11	think 19:20 31:4	27:7 29:8 34:21	35:24 37:19
start 22:12 29:24	taken 1:9 21:3 44:9	40:10,23 41:3	34:21 35:14	violations 5:13 6:3
32:9 40:5	taking 21:24	42:14	twofold 31:9	7:19,24 8:2 9:5,7
State 1:11 44:4,7	talk 22:14,22 23:18	thinking 28:4	types 9:7 17:18	9:17,20,20,21,24
stated 15:19 16:14	27:21 29:9 35:15	third 4:10 37:4	typical 34:8 35:17	10:4,9,13 11:13
18:4 35:10	talked 24:11 37:12	those 19:7 28:12	typical 54.6 55.17	13:14,24 17:4,11
statement 4:23 6:24	talking 24:17,23	30:17 31:22 32:11	U	17:18,21 29:17
24:15 31:23 34:22	32:9 43:2	33:22 34:8,9,12	ultimate 38:17	30:4,11 34:9
41:19	tell 30:18 39:3	35:14 38:1	42:18	37:19
stating 18:5 20:21	telling 21:7	though 38:13	undersigned 44:10	violative 12:11,15
statutory 17:20	ten 10:8,9 15:11	three 6:22 7:3 11:3	44:15	37:3
19:2	tenfold 25:5	12:24 13:11 14:18	understand 26:21	vision 32:18 38:14
stay 41:23	tentative 42:3	23:14 24:20 29:19	27:1,8 28:14,20	38:16
stays 34:15	tentative 42.3	37:23	35:4 38:11	visual 8:12,19
stenographer 44:11		threshold 33:8	understanding	VPID 30:18 31:3
stick 22:16	test 30:9	through 20:11 23:4	25:22	VIID 50.10 51.5
still 27:9 32:1 35:21	testimony 4:2 20:18	27:21 28:5 30:2	uneasy 36:1	W
40:12,17	41:14,18 42:22	31:14 35:8 43:4,4	unknown 32:1	W 1:19 3:2
story 40:23	43:3	43:5	unless 15:1	walking 22:15
Street 1:11 44:7	than 10:9 29:4	Thus 33:4	Unlikely 13:12,18	want 16:3 22:22
strip 32:14	33:15 40:24	time 5:14 16:10	13:19,23 14:1,2	23:18 26:21 27:21
structured 6:19	thank 21:22,23	27:22 33:5 36:2	14:10 24:19 25:24	31:12 35:3 40:22
study 28:18	34:21 39:2 40:9	44:13	26:5,7,17 33:10	42:21 43:10,12,16
subcategories 13:4	41:3,9,11,15	today 3:9 4:11	unresolved 38:6	wanted 29:8
13:7,14	43:19	20:11 22:12,23	until 41:24	warranted 33:19
subject 5:21 39:4	that's 21:11 23:18	23:19 24:13 33:15	unwarrantable 9:4	water 30:8
subjective 23:17	26:20 29:6,8 30:1	37:13 38:24 41:13	17:16,21 20:2	way 34:5 38:13
subjectivity 31:17	30:20 31:3,7	42:22,23 43:3,9	35:1 37:6,8,11	we'd 22:8 41:1
submit 20:10	32:18 35:10 37:20	43:12	unwarrantables	we're 22:2,13 24:16
substantial 36:8,10	39:15,23 42:17,18	today's 20:18	37:15	24:23 26:3,16,18
such 18:5 22:15	43:1,8	together 27:6	up 16:23 22:16	26:23 31:12 36:11
35:23 37:21 40:8	their 6:21 10:18	too 36:22	26:10,13 29:6	39:21 40:1
			<u> </u>	
	1	1	1	1

				1 490 32
			l I	
we've 11:8 23:3,14	work 38:17,19	2		
24:22 28:18 32:6	39:17	2,000 18:2		
32:12 34:23 36:13	Workdays 14:19,19	2,400 25:10		
39:20	24:19	2,500 29:6		
website 20:16	worked 18:6			
week 4:10 29:11	worries 31:21	2014 3:24 4:9,10		
weeks 20:15	worse 22:19	2015 1:7,13 4:13,22		
	wrestling 28:13	12:17 20:12 43:15		
weight 9:14 10:21	write 7:6 31:4 35:20	44:5,19		
WEILAND 1:10		208 7:22		
44:3,21	written 24:18 32:13	242,000 8:1		
welcome 3:9	32:16 34:2 37:15	25,000 29:6		
welcomed 29:15	www.msha.gov	285 25:9		
well 8:19 16:16	20:16			
20:20 24:4 25:7	www.regulations	3		
26:12 28:19 29:18	20:17	3,000 17:24		
33:21 34:20 37:16		30 5:20 16:24 17:12		
41:20	X	31st 3:24 4:21 20:12		
went 25:10 26:13	XII 15:1	43:15		
29:5	XIII 15:14,16	45:13		
were 13:2 15:1 17:5		4		
17:19 25:9 27:9	Y			
27:20 28:1,3,7,7	year 40:4,4	4,000 18:2		
	years 23:24 38:5	400 22:14		
28:12,13 32:13		4th 4:8		
44:9	39:19			
weren't 29:11	yet 40:12	5		
what's 28:9	your 19:16,19,21	50 17:17 18:4		
whatever 33:16	20:3,9,10,19,22	5th 4:11		
43:16	20:22 22:18,18,20			
Whereupon 43:20	22:20 26:8 29:21	6		
whether 6:3 12:22	30:1 31:22 39:5,7	6,000 18:2		
37:2	39:11 40:11 41:13	600 1:10 44:6		
which 5:11 7:8 12:3	42:9,11,11,20	000 1.10 11.0		
12:10 14:22 15:11	43:4,4,5,13	7		
20:12 23:23 30:10		70,000 7:24		
34:5 37:22	${f Z}$	7000-3 8:10,12		
while 41:16 43:3	zero 10:7 14:3 15:11	75.220(a)(1) 29:22		
white 32:15	38:14	` / ` /		
whole 21:19	30.14	30:5 38:1		
	0	75.370 30:4		
wide 29:20,23	084-003472 44:22	75.370(a)(1) 29:22		
wider 30:12	004-003472 44.22	30:7 37:22		
will 3:4 4:2,22 5:11	1	75.400 30:4,11		
5:17 20:13,18		37:24		
21:4 22:6 24:5,7	1.0 30:18	75.400s 29:23		
28:23 30:18 31:14	100 7:22 30:24 31:1			
31:21 33:13 34:14	104(d) 32:1	8		
35:11,11 38:9	104(d)(1) 17:23			
39:19 40:4,5,14	104(d)(2) 18:1	9		
40:14 43:5	10th 4:13 12:17	9:06 1:12 44:6		
wishes 41:18	29:10	9th 4:10		
within 5:20 16:10	11:00 41:24			
17:12 22:13 30:6	11:10 43:21			
44:2,4,11,16	110(c) 37:14,17			
Witness 44:18	112 7:23			
won't 31:4	12th 1:13 44:5			
	15-month 9:22			
wording 24:19,20				
words 20:5	18th 44:18			



Part 100 – MSHA Docket – 2014-0009 Criteria and Procedures for Assessment of Civil Penalties; Proposed Rule

Date: February 12, 2015

Presenter name Chad Barras





Example Citation #1

Part 100 Gravity: Likelihood

Criteria Category



Proposed Rule

The proposal would reduce the existing five categories of Likelihood of the occurrence of an event against which a standard is directed to three: (1) Unlikely; (2) Reasonably Likely; or (3) Occurred.

"These proposed changes would simplify the enforcement process, <u>improve objectivity and consistency</u>, ..."

79 Fed. Reg. at 44503 (emphasis added)

Part 100 Gravity: Likelihood

Criteria Category



Comments

While MSHA believes this will improve objectivity, it is our view that is will only increase the subjectivity of the evaluation of the citation.

Our belief is based on the newly defined Likelihood criteria in the proposed rule which is a deviation from numerous years of case law set forth by FMHSRC decisions.

With increased subjectivity of the evaluation, this will lead to an increase in penalties and litigation. Both are items which are contrary to the proposed rule's stated intentions.

This rule is problematic for MSHA inspectors as well as the company escort. Both will have to choose between a "potential event" or a "real event" at the scene of a violation. The definition of event will cause increased confusion

Part 100 Likelihood Definition Change #1



New "Reasonably Likely" Definition

"A condition or practice that is likely to cause an event that could result in an injury or illness.

79 Fed. Reg. at 44503 (emphasis added)

This new definition eliminates the reasonable probability requirement that the condition/practice <u>will</u> result in an injury and reduces it to the possibility that the condition/practice <u>could</u> result in an injury.

This will lead to an increase of subjectivity which will in turn lead to further complications and disagreements in regards to enforcement instead of simplification, improved objectivity and consistency as stated goals by the proposal.

Citation Example - Condition or Practice (as written)

The laboratory analysis of the rock dust survey taken on 11/18/2013 in active unit 2 (MMU-003) reports that the incombustible content collected in survey # 0041229AA was only 65.3% incombustible. This condition exists at #2 entry from the cross cut between #2 to #3 entry, at SS 17+50 contained less that the required percent as shown in this attached analytical report.

Standard 75.403 was cited 19 times in two years at mine ####### (19 to the operator, 0 to a contractor)

Let's review the actual citation to see the subjectivity impact of this newly defined criterion.

Mine Citation/Order

Citation Example #1

U.S. Department of Labor
Mine Safety and Health Administration



Section F Viola	nium ile la															
t Date	Mo Da		2. Time	(24 Hr. C							3. Citatia Orași	Numbe				
4 Served To	11/26/	2013		16	(1		5.0	perator			1 0,00	1401.104	-			
4 00/100 10								o uto								
6 Mne				-			7 M	tse II)								
															4 -	contractor)
The Lal			5 - L Visi		the	rock	enst :	: rvo	v ta	kon	c.r. 1	1/18			Notice	
orit 2 004122 the ore	(MML) 9AA wa 955 di	-003) as or ut be	rebor 'y 6s. Lween	1 s . .35 i .#2 i	hati ncomb o #3	ho in wspib entry	compus Te. Th , at s	stibl Jac SS 17	e do Ondi -56	nte: Libi con	at de. Elektronia	lloc sts 3 lo	ted at ⊭	in 2 e	surv ntry	nay # r Iron
remit r	94 p41	r::en=	ac si	1.02.1	in Th	is at	tucae.	an:	-yt-	Jai	repo	1				
Standa: operation						1.021) &	11 5.40	y I .		.1 1			, .	,		
											See (Соптица	tion Lorra	(MSH/	Farm /	200 Ja)
9. Violation	A. Hosts Sales Othe	ty 🗸	B Section of Act	1			C Part/Se Title 30					75.403				
Section II Insp	ector's l'val	Lation									*					
	or Illness (i		No Likelit	1000	ปกป	KC.Y	Reas	orably t	kely		H ghly I lk	ely		Occur	red :	
	or dinessio y be expec		Notin	d Weeks	ays .	i ost V	foradays O	Restrict	ed Duty	✓	Porman	ert y D	poldezi	- 1	Fala	F
C Signific	cant and S	ubstant al	Yo	5	No 💉						O Numbe	r at i e	rsons Af	fected	()(1
II Nogl-gen	ce (check	(ALL)	A None	1	B. Low	1	C Moderati	e [47	0	High		F. Re	cx ess D):srega	ırd	
12 Type of A	Action	104(a)			13. Ty	ype of Issu	ance (chec	k one)	Citabo	r Vi	Order	S	afeguard		Writter	n Notice
14 Initial Act A Citation		Order	C Safegu	ard	D Writton	Notico		tation/ der Numi	pe.				⊢ i)a	led	Mo	Da Yr
15 Area or E	tre-ngup.															
16 Terminat	ion Due	A Date	Mo Da 11/27/3		B Time (24 Hr. Clo	dk)	1610			***********					
Section 11 To	~natron Ac	tor				***************************************		r member server								
17. Autonita	Tempriate	1														
18. Tomarat	A Dat	le	Da Yr	B. Time	e (24 Hr. C	lice4										
Section IV Au		iper Data						****								
19. Type of it		F01	20. Even	4 Numbe	•			21. Prir	nary or l	Will						
22 Signature	,										23	AR Nur	nner			

MSHA Form 2003.3. April 8 (revised). It accordance with the provisions of the Amal Rupinous Rogulatary Entrement Fairness Act of 1959. The Small Business and Agriculturi Regulatory Computement and 10 Rupinous Rogulatary Entrements from small returnesses applied to a year or becomes active the Control of the Small Business and Agriculturi Regulatory Computements of the sand ratios seeds in persons and accordance of the Market agree of the Small Business and annually work also noticements and these and ratios active provisions are made to the sand ratios active active and accordance on the sand ratios active acti

Citation Example #1



Assessment Criteria Categories	Current Part 100	Proposed Part 100	Proposed Part 100 Reasonably Likely		
Likelihood	Unlikely	Unlikely			
Severity	Lost Work Days	Lost Work Days	Lost Work Days		
Persons Affected	001	Yes	Yes		
Negligence	Moderate	Negligent	Negligent		

Assessment Criteria Points & Civil Penalty	Current Part 100	Proposed Part 100	Proposed Part 100
Mine Size Points	15	4	4
Controller Size Points	10	4	4
History Points	10	10	10
Repeated Violation Points	2	1	1
Negligence Points	20	15	15
Gravity Likelihood Points	10	0	14
Gravity Injury Points	5	5	5
Gravity Persons Points	1	1	1
Total Points	73	40	54
Point Penalty	\$317	\$400	\$3,500
Good Faith Penalty	\$285	\$360	\$3,150
Additional Good Faith Penalty		\$280	\$2,450

Example Citation #2

Part 100 Likelihood Definition Change



New "Occurred" Definition

"A condition or practice has caused <u>an event</u> that has resulted or <u>could have</u> resulted in an injury or illness.

79 Fed. Reg. at 44503 (emphasis added)

This new definition is contrary to MSHA's Citation and Order Writing Handbook, which directs MSHA inspectors that the Occurred criterion, "can only be checked when an injury or illness has actually occurred."

MSHA Handbook Number PH13-I-1(1), p.11 (emphasis added)

Citation Example - Condition or Practice (as written)

A damaged top roller is present on the Unit #3 belt conveyor. The top roller is broken in the center and removed from both outer bearings. The affected roller is in contact with the moving belt. This condition was observed at crosscut #4 of the 3rd panel West.

Standard 75.1731(a) was cited 10 times in two years at mine ####### (10 to the operator, 0 to a contractor).

Let's review the actual citation to see the impact of this newly defined criterion.

Part 100 Likelihood Definition Change



Comments

In the upcoming citation there is one question to keep in mind. Is the event the bad roller or is it a potential fire? If it is the bad roller, the violation will be evaluated as occurred. If the event is a potential fire, the likelihood could be unlikely.

This is another point of contention the inspector and the escort will encounter in the field.

The difference in the potential penalties is significant.

Citation Example #2



Mine Citation/Order	U.S. Department of Labor Mine Safety and Health Administration
Section IViolation Data	
1 Date Mo Da Yr (D2/2//2013 2, Time (24 Hr. Clock) (D2/2//2013 0850	3. Citation/ Order Number
02/2 //2013 0850 4 Served To	5 Operator
6 Mrn	7. Mine ID (Contractor)
8 Condition or Practice	8a. Written Notice (103g)
A damaged top to let is present on the is proken in the renter and removed fix refler is in contact with the moving population #4 of the 3rd panel West.	or both outer bearings. The affected
Standard 75.1731(a) was circe 10 times operator, 0 to a contractor).	The two years at mine (10 to the) See Continue on Form (MSHA Form 2000 as)
	art/Section of title 30 GFR 75.173 I(a)
Segrior # Inspector's Evaluation	
'O Gravity.	
A. Injury or litness (has) (is). No Likelthood Unlikely B. Injury or litness could rea-	Reasonably 1 kely Highly Likely Occurred
sonably be expected to be. No Lost Workdays : Lost Workd	ays Or Restricted Duty 💉 Permanently Disabling Facal
C. Significant and Substantial Yes No ✓	D. Number of Persons Affecting 601
11. Negligence (check and) A None B Low , C Mi	oderato 🗽 D. High 1 C. Reckless Disregard 1
12 Type of Action 1()-1(a) 13 Type of Issuance	(check onc) Citation ✓ Order Safoguard Written Notice
14. Initial Action A. Citation B. Order C. Safeguard D. Written Notice	E Citation! F. Dalea Mo Da Yr Order Number
15 Area or Equipment	
16 Termination Due A. Date Mo Da Yr B. Time (24 Efr. Clock)	0915
Section 8 -Tell matter) Action	
1/Addonto Terminate The helf was removed from replaced.	service by the operator and roller
18 Terminate A Date Mc Da Yr 02/27/2013 B Time (24 Hr. Clock 6	900
Section N-Automated System Data	
19. Type of Inspection (activity code) 1:01 20 Event Number	21 Primary or Mill
22. Signature	23. AR Number

MSHA Form 7000-3, Apr 36 (revised) In accordance with the provisions of the Small Blus noss Regulatory Inforcement Fernoss Act of 1996, the Shiell Business Administration has established a National Small Business and Agriculture Regulatory Ombutsman and 10 Regional Fairness Boards to receive comments from small businesses about federal agency. established a native business with operation in registrary from business and a percycle species as government actions. The Orbitoshman will y evaluate conforment actions and aperation responsibleness in small business. If you wish to comment on the enhancement actions of MSTIA, you may call 1-885-REG-RIAR (1-885-REG-RIAR) (1-88

Citation Example #2



Assessment Criteria Categories	Current Part 100	Proposed Part 100	
Likelihood	Unlikely	Occurred	
Severity	Lost Workdays	Lost Workdays	
Persons Affected	001	Yes	
Negligence	Moderate	Negligent	

Assessment Criteria Points & Civil Penalty	Current Part 100	Proposed Part 100
Mine Size Points	15	4
Controller Size Points	10	4
History Points	10	10
Repeated Violation Points	0	0
Negligence Points	20	15
Gravity Likelihood Points	10	25
Gravity Injury Points	5	5
Gravity Persons Points	1	1
Total Points	71	64
Point Penalty	\$270	\$25,000
Good Faith Penalty	\$243	\$22,500
Additional Good Faith Penalty		\$17,500



Example Citation #3

Part 100 History of Previous Violations #3



811

Proposed Rule

The proposal would revise 100.3(c), history of previous violations, to increase the penalty points for this criterion as a percentage of total points.

79 Fed. Reg. at 44498 (emphasis added)

Comments

The proposed rule still does not address the real issue with repeat points. Violations of 75.400, 75.370(a)(1), and 75.220(a)(1) cover drastically different functions within the violation category. For example, violations of 75.370(a)(1) can range from a water spray at a belt transfer point to the method roof bolter operators use to test for methane on extended cuts. Neither of which involve similar benefits. 75.400 violations involve an even wider scope and involves different control measures for compliance. These standards should be divided into separate categories or functions.

Citation Example - Condition or Practice (as written)

Accumulations of combustible materials are present on the company #512 diesel scoop. Accumulations are in the form of oil pooled to approximately ¼ inch in depth underneath the engine. The company #512 diesel scoop was in service on the Main South travel road.

Standard 75.400 was cited 119 times in two years at mine ####### (119 to the operator, 0 to a contractor).

Let's review the actual citation to see the impact of this newly defined criterion.

Citation Example #3



Served To Mine D	Mine Citation/Order			U.S. Department of L Mine Safety and Healt			
Served To Serv	iectron IViola	tor Deta					
Served To Mine D	Date	Mo Da Yr	2. Time (24 Hr. C	lock)	1		
Condition or Practice Condition or Practice Cooked and the Common of the Common of the Common with the Common of t			103	15		Order Number	
Condition or Practice State Written Notice 1039; Country Lations of combustible materials are present on the company \$512 diese. Coop. Accumulations are in the form of cil pooled to approximately 1/4 inch n depth underreath the engine. The company \$512 diesel scoop was in service n the Main South travel road. tandard 75.400 was cited 119 times in two years at mine (119 to the operator, 0 to a contractor). Violation A. Health Safety B. Section of Act Other Safety B. Section of Act Other Safety C. Part/Section of Title 30 CFR 75.400 Gravity A. Hejuly or Hiness (has) (is): No Likelihood Unlikely Reasonably Likely Highly Likely Occurred B. Injury or Hiness could reasonably be appeticable to be. C. Significant and Substantal Yes No D. Number of Persons Affected On 1 Negligence (check one) A. None B. Low C. Moderale P. D. High E. Recibess Deseggard 2 Type of Action 104(a) 13. Type of Issuance (check one) Cataton P. Dated Mo. De. Y. Order Number 5 Area or Equipment A. Date Mo. De. Yr Order Number Order Number D. Mo. De. Yr 5 Area or Equipment A. Date Mo. De. Yr Order Number D. Written Notice D. Type of Issuance (check one) Cataton F. Dated Mo. De. Yr 5 Area or Equipment A. Date Mo. De. Yr Order Number D. Written Notice D. Type of Issuance (check one) Cataton F. Dated Mo. De. Yr 5 Area or Equipment A. Date Mo. De. Yr Order Number D. Written Notice D. Written Notice D. Type of Issuance D. Ty	Served To				5 Operator		
Condition or Practice State Written Notice 1039; Country Lations of combustible materials are present on the company \$512 diese. Coop. Accumulations are in the form of cil pooled to approximately 1/4 inch n depth underreath the engine. The company \$512 diesel scoop was in service n the Main South travel road. tandard 75.400 was cited 119 times in two years at mine (119 to the operator, 0 to a contractor). Violation A. Health Safety B. Section of Act Other Safety B. Section of Act Other Safety C. Part/Section of Title 30 CFR 75.400 Gravity A. Hejuly or Hiness (has) (is): No Likelihood Unlikely Reasonably Likely Highly Likely Occurred B. Injury or Hiness could reasonably be appeticable to be. C. Significant and Substantal Yes No D. Number of Persons Affected On 1 Negligence (check one) A. None B. Low C. Moderale P. D. High E. Recibess Deseggard 2 Type of Action 104(a) 13. Type of Issuance (check one) Cataton P. Dated Mo. De. Y. Order Number 5 Area or Equipment A. Date Mo. De. Yr Order Number Order Number D. Mo. De. Yr 5 Area or Equipment A. Date Mo. De. Yr Order Number D. Written Notice D. Type of Issuance (check one) Cataton F. Dated Mo. De. Yr 5 Area or Equipment A. Date Mo. De. Yr Order Number D. Written Notice D. Type of Issuance (check one) Cataton F. Dated Mo. De. Yr 5 Area or Equipment A. Date Mo. De. Yr Order Number D. Written Notice D. Written Notice D. Type of Issuance D. Ty					<u> </u>		
Condition or Practice Could accumulations of combustible materials are present on the company \$512 diese. Coop. Accumulations are in the form of cil pooled to approximately 1/4 inch in depth underreath the engine. The company \$512 diesel scoop was in service in the Main South travel road. tandard 75.400 was cited 119 t mes in two years at mine Contractor, 0 to a contractor). See Continuation Form (MSHA Form 7000-3a) Violation A. Health Safety Office of Act Office Safety Office Office Safety Offi	Mine				7 Mine ID		(Contractor
Councilations of combustible materials are present on the company \$512 diese. Coop. Accumulations are in the form of cil pooled to approximately 1/4 inch ndepth underreath the engine. The company \$512 diesel scoop was in service in the Main South travel road. tandard 75.400 was cited 119 times in two years at mine (119 to the perator, 0 to a contractor). See Combination Form (MSHA Form 7000-3a) Violation A. Health Safety B. Section of Act Other Coher Time 30 CFR 75.400 Construction 1- Expectors Fundation Other	Condition	or Practice	-			Ba W	
See Continuation Form (MSHA Form 7000-3a) Violation A. Health Safety Other Office 30 CFR 75,400 Cravity A. Injury or litness (has) (is): No Likelihood Unlikely Reasonably Likely Highly Likely Occurred B. Injury or litness could reasonably be expected to be No Lost Workdays Lost Workdays Or Restricted Duty Permanently Disabling Fatal C. Significant and Substantial Yes No D. Number of Persons Affected Q01 I Neghgence (check one) A. None B. Low C. Mioderate D. High E. Reckless Disregard E. Type of Issuance (check one) Cation Order Sefeguard Written Notice I Initial Action A. Chation B. Order C. Safeguard D. Written Notice E. Catalon Order Number S. Terministico Action A. Delte O. Safeguard D. Written Notice E. Catalon Order Number S. Terministico Action A. Delte O. Delte O. Written Notice D. High E. Catalon F. Dated Mo. De. Y. Order Number D. A. Delte O. Order Number D. Mo. Delte O. Order Number D.	coop. n dept	Accumulat th underre	ions are i ath the en	n the form gine. The	of cil pooled to	o approximatel;	y 1/4 inch
Violation A. Health Safety Other Ot							
Violation A. Health Safety Other Oth						See Continuation Form	MSHA Form 7000-3ai
O Gravity A. Injury or illness (has) (is): No Lakelihood Unlikely Rassonably Likely Highly Likely Occurred B. Injury or illness could resonably be expected to be. No Lost Workdays Lost Workdays Or Restricted Duty Permanently Disabling Fatal C. Significant and Substantial. Yes No D. Number of Persons Affected Q01 I Neighgence (check one) A. None B. Low C. Moderate D. High E. Reckless Disregard E. Type of Action 104(a) 13. Type of Issuance (check one) Citation Order Safeguard Written Notice E. Critation A. Citation B. Order C. Safeguard D. Written Notice E. Critation Order Number E. A. Date 03/25/2013 B. Time (24 Hr. Clock) 1500 Ection III—Terminate A. Coumulations have been washed from the #512 scoop. B. Termination Date A. Date Mo Da Yr 03/25/2013 B. Time (24 Hr. Clock) 1303 Ection IV-Automated System Date	Violation	Safety 🗸					
A. Injury or Bliness (has) (in): No Likelihood Unlikely Reasonably Likely Highly Likely Occurred B. Injury or Bliness could reasonably be expected to be. No Lost Workdays J. Lost Workdays Or Restricted Duty Permanently Disabling Fatal: C. Significant and Substantial. Yes No D. Number of Persons Affected OO1 1 Negligence (check one) A. None B. Low C. Moderate P. D. High E. Reckless Disregard F. D. Type of Action 104(a) 13. Type of Issuance (check one) Citation P. Order Safeguard Mitten Notice E. Citation P. Order Safeguard Mitten Notice E. Citation P. Order Number 5 Area or Equipment 6. Termination Due A. Date Mo De Yr 03/25/2013 B. Time (24 Hr. Clock) 1500 B. Termination Action 7 Action to Terminate Accumulations have been washed from the #512 scoop.	ection 16- Imap	ectors Evaluation					
B. Injury or diness could reasonably be expected to be. No Lost Workdays Lost Workdays Or Restricted Duty Permanently Disabling Fatal C. Significant and Substantial. Yes No V D. Number of Persons Affected 001 I Negligence (check one) A. None B. Low C. Moderate V. D. High E. Reckless Disregard I. Type of Action 104(a) 13. Type of Issuance (check one) Cabton V. Order Safeguard Written Notice Initial Action A. Citation B. Order C. Safeguard D. Written Notice E. Citation Order Number F. Dated Mo. De. Y. A Termination Due A. Dete 03/25/2013 B. Time (24 Hr. Clock) 1500 To Action to Terminate Accumulations have been washed from the #512 scoop.	-						
sonably be expected to be. No Lost Workdays Lost Workdays Or Restricted Duty Permanently Disabling Fatal C. Significant and Substantial. Yes No D. Number of Persons Affected Q01 1 Neighgence (check one) A. None B. Low C. Modernite D. High E. Reckless Disregard 2 Type of Action 104(a) 13. Type of Issuance (check one) Cástion Order Safoguard Written Notice Inhibit Action A. Order C. Safeguard D. Written Notice E. Citation Order Number F. Dated Mo. De. Y. Order Number F. Dated Mo. De. Y. Order Number S. Anea or Equipment A. Dets 03/25/2013 B. Time (24 Hr. Clock) 1500 3 Termination to Terminate A. Date Mo. Da. Yr. O3/25/2013 B. Time (24 Hr. Clock) 1303 Scoon IV-Automated System Date A. Date O3/25/2013 B. Time (24 Hr. Clock 1303 Scoon IV-Automated System Date O3/25/2013 B. Time (24 Hr. Clock 1303 O3/25/2013 O3/2			No Likelihood	Unlikely	Resonably Likely 🗸	Highly Likely (Occurred
C. Significant and Substantial. Yes No No D. Number of Persons Affected O01 Negligence (check one) A. None B. Low { C. Moderate D. High E. Reckless Disregard F. Type of Action 104(a) 13. Type of Issuence (check one) Citation Order Safeguard Whitten Notice Initial Action A. Citation F. Dated Mo. Da. Y. Area or Equipment Termination Due A. Date Mo. Da. Yr 03/25/2013 B. Time (24 Hr. Clock) 1500 Terminate A. Date Mo. Da. Yr 03/25/2013 B. Time (24 Hr. Clock) 1303 Coon IV-Automated System Date			No Lost Works	lays Lost W	forkdays Or Restricted Duty 🗸	Permanently Disabling	: Fatal :
Type of Action 104(a) 13. Type of Issuence (check one) Citation Order Sefoguard Written Notice 1 Initial Action B. Order B. Order C. Sefeguard D. Written Notice C. Citation Order Number E. Citation C. Citation F. Dated Mo Da Y Order Number F. D						D. Number of Persons Aff	ected 001
Initial Action Init	Neghgeri	ce (check one)	A. None	B Low (C. Moderate 😾 D. High	E Reckless D	eregard
A Citation [] B. Order [] C. Safeguard [] D. Written Notice [] Order Number 5 Ansa or Equipment 6. Termination Due	2 Type of A	oction 104(a)		13. Type of Issu	ence (check one) Catation 🗸	Order Safeguard	Written Notice
8. Termination Due A. Dels Mo Da Yr 03/25/2013 B. Time (24 Hr Clock) 1500 ection 8-Terminate Action to Terminate Accumulations have been washed from the #512 scoop. 8. Terminate A Date Mo Da Yr 03/25/2013 B. Time (24 Hr. Clock 1303 ection IV-Automated System Date			C Safeguard :]	D. Written Notice (F Dat	ed Mo De Yr
A Date 03/25/2013 B. Terne (24 Hr. Clock) 1500 8 Terminate A Date 03/25/2013 B. Terne (24 Hr. Clock 1303) 8 Terminate A Date 03/25/2013 B. Terne (24 Hr. Clock 1303)	5 Area or E	quipment					
7 Action to Terminate A Countilations have been washed from the #512 scoop. 8 Terminate A Date Mo Da Yr 03/25/2013 B. Time (24 Hr. Clock 1303 econ IV-Automated System Date	6. Terminat	ion Due A. Deh		B. Time (24 Hr Clo	ok) 1500		
3 Terminate A Date Mo Da Yr 03/25/2013 B. Tame (24 Hr. Clock 1303 action IV-Automated System Date	ction #6-Ter	mination Action					
A Date 03/25/2013 B. Time (24 Hr. Clock 1303 scoon IV-Automated System Date	7 Action to	Terminate Acc	umulations	have been	washed from the	#512 scoop.	
	Terminat	- LA Data	I R Terre	(24 Hr. Clock	1303		
	antenna RI And	iomated System Data					

NSNA Form 7000-3, Agr 09 (revised) In accordance with the provisions of the Small Business Regulatory Enforcement Fairness Act of 1996, the Small Business Administration has established a National Small Business and Agriculture Regulatory Orrhodosman and 10 Regional Fairness Boards to resolve comments from small business about federal agency enforcements actions. The Orrhodosman envirably evaluates entercurrent actions resent agencys responsiveness to emboding business. If you wish to comment on the orrhodosman and 1986-REG-FAIR (1-988-734-3247), or write the Orrhodosman as Small Business Administration. Office of the National Orrhodosman 409-3rd Street SW MC 2120, Washington, DC 2041-8. Please note, however, that you right to But a comment with Orrhodosman and addition to any other rights you may have, including the right to contact discoral and proposed penalties and obtain a hearing before the Foderal Mine Safety and Heafth Review Commission.

23. AR Number

22 Signature

Citation Example #3



Assessment Criteria Categories	Current Part 100	Proposed Part 100
Likelihood	Reasonably Likely	Reasonably Likely
Severity	Lost Workdays	Lost Workdays
Persons Affected	001	Yes
Negligence	Moderate	Negligent
Repeat/Day	.33	.33

Assessment Criteria Points & Civil Penalty	Current Part 100	Proposed Part 100
Mine Size Points	15	4
Controller Size Points	10	4
History Points	10	10
Repeated Violation Points	17	9
Negligence Points	20	15
Gravity Likelihood Points	30	14
Gravity Injury Points	5	5
Gravity Persons Points	1	1
Total Points	108	62
Point Penalty	\$5,211	\$15,000
Good Faith Penalty	\$4,690	\$13,500
Additional Good Faith Penalty		\$10,500



Example Citation #4

Part 100 Negligence

Criteria Category



Proposed Rule

The proposal would reduce the five existing categories of negligence to three: (1) Not Negligent; (2) Negligent; or (3) Reckless Disregard. It would also re-define "Negligent" to eliminate mitigating circumstances.

"MSHA believes that reducing the number of negligence categories would improve objectivity and consistency in the evaluation of negligence, resulting in fewer areas of disagreement,...."

79 Fed. Reg. at 44502

Comments

While MSHA believes this will improve objectivity, it is our view that is will only increase the subjectivity of the evaluation of the citation.

With increased subjectivity of the evaluation, this will lead to an increase in penalties and litigation, especially when the evaluation jumps to the next available selection because the previous selection is no longer available. Both are items which are contrary to the proposed rule's stated intentions.

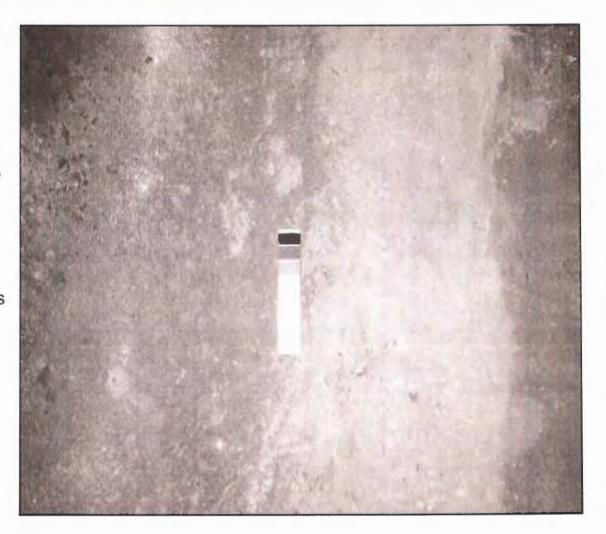
Also, by eliminating the "High Negligence" category, it remains unknown to how 104 d citations will be issued going forward, since FMSHRC decisions have established that aggravated conduct must be present. Would aggravated conduct be met by "Negligent" or would it require "Reckless Disreguard"?

Part 100 Negligence

Criteria Category



- Float dust black in color or is it?
- As with any scale of measurements or categories, more divisions leads to greater accuracy.
- Not only does the current standard provide more options to clarify negligence, aggravated conduct must be present for the issuance of D citations and orders
- The proposed standard greatly reduces the number of categories of negligence and makes it more difficult to truly portray the negligence of a potential violation. Thus adding to the confusion as to whether a violation has surpassed the aggravated conduct threshold.



Mine Citation/Order

Citation Example #4

U.S. Department of Labor Mine Safety and Health Administration



F. Dule	Mo Da Yr	2. Ti ne (24 Hr. Glo	scit)		3	Citation/	
4. Served To	11/27/2012	1 100	0	5. Operator		Order Number	
4. 361700 10				S. Operarx			
3. Nira				7. Mico ID			
				1			(Contractor
. Condition o	r Practice					8a	Written Notice (103g)
otor a	area on th	and hydran ie battery i inged from l	ram dar de	.#320 bein	q used on	The 001 s	ection The
		Was cited contracto		in two yea	rs at min	e C	(117 to the
						See Conkinuation Fo	arı (MSHA Farrı 7000-da)
. Viciation	A. Health i Safotyly Other	3, Secrion of Act		C. Part/Section of Title 30 CFR		75,400	
citon It-Inspe	roler's Evaluation						
0. Gravity.							
	Elness (has) (s).	No Likel hood	Linkely V	Reasonably L	kely () His	hily Likely	Occurred 1
	liness could roa he expected to be:	No Lost Workda	ıys [√] Lost V	Voikdays Or Restrict	nd Duty 🗀 📗	Permanently Disable	ng Fatai I
	ed and Substantial.	Yes 7	No 🔽		UN	lumber of Persons A	Affected. 001
Negligence	a (chack cna)	A None ()	B. Low i	C. Moderate [7]	Dirgh 🕢	E. Reckles	s D'sregard
Type of Ac	allon 104(a)		13. Type of Issue	nce (check one)	Citation (V) Or	rder Safegua	ard i Written Notice
, Initial Actio A. Citation		C. Saleguerd [7]	D. Written Notice	E. Giblioof Order Humb	ρ,	F	Dale! Mo Da Yr
Area or to	uic ment						
Tarashautta		Ho Do Ve					
Terethatle	A Date	Mo Da Yr 11/27/2012	Time (24 Hr. Clos)	1105	İ		
ton Hi-Term	eritaA notten					The same of the sa	
Action to T	eminale The	accumulati	ons were i	removed fro	um the ran	m car.	
. Terminated	A. Date 11/2	Da Yr 27/2012 8. Time (24 Hr. Cleck)	1105			
Type of Ins (activity occ		70. Event Number		21, Prem	ery crMil	And the second of the second o	
. Signaturo						23. AR Number	

MNHA Form 7000-0, April08 (AMARD) In a non-denical with the provisions of tire Sind LHI siness Regulatory Enforcement Futirios a Act of 1990, thy Sinai Business Administration has established e National Small Business and Autoritize Regulatory Circlescens and 19 Regional Ferrices Boards to receive comments from small businesses about federal appropriate Comment actions. The United status annually syndrogen services is small business is small business. If you wish to comment on the enforcement adultons of MSHA, you may cell 1980 RELIGIANE (1984); 1881-733-747), do with the Organization of MSHA, you may cell 1980 RELIGIANE (1984); 1881-733-747), do with the Organization of MSHA, you may cell 1980 RELIGIANE (1984); 1881-848 RELIGIANE (1984); 1

Part 100 High/Med/Low

Scenario



Assessment Criteria Categories	Current Part 100	Proposed Part 100 Scenario - Low	Proposed Part 100 Scenario - High
Likelihood	Unlikely	Unlikely	Unlikely
Severity	Lost Work Days	Lost Work Days	Lost Work Days
Persons Affected	001	Yes	Yes
Negligence	High	Negligent	Reckless Disregard

Assessment Criteria Points & Civil Penalty	Current Part 100	Proposed Part 100 Scenario - Low	Proposed Part 100 Scenario - High
Mine Size Points	15	4	4
Controller Size Points	10	4	4
History Points	10	10	10
Repeated Violation Points	17	9	9
Negligence Points	35	15	30
Gravity Likelihood Points	10	0	0
Gravity Injury Points	5	5	5
Gravity Persons Points	1	1	1
Total Points	103	48	63
Point Penalty	\$3493	\$1,400	\$20,000
Good Faith Penalty	\$3144	\$1,260	\$18,000
Additional Good Faith Penalty		\$980	\$14,000



Example Citation #5

Part 100 Gravity: Severity

Criteria Category



.....

Proposed Rule

The proposal would reduce the four existing categories of severity of injury or illness to three: (1) No Lost Workdays; (2) Lost Workdays or Restricted Duty; or (3) Fatal. It would eliminate the existing "Permanently Disabling" category, which is often difficult to anticipate.

"Consistent with proposed changes for other criteria, MSHA believes that reducing the number of categories would simplify the Severity factor, resulting in improved objectivity and consistency in the enforcement process."

79 Fed. Reg. at 44503

Part 100 Gravity: Severity

Criteria Category



Comments

While MSHA believes this will improve objectivity, it is our view that is will only increase the subjectivity of the evaluation of the citation.

With increased subjectivity of the evaluation, this will lead to an increase in penalties and litigation, especially when the evaluation jumps to the next available selection because the previous selection is no longer available. Both are items which are contrary to the proposed rule's stated intentions.

Part 100 High/Med/Low

Mine Citation/Order

Scenario

U.S. Department of Labor Mine Safety and Health Administration



Date	Mo Da Yr 08/26/2014	2 Turn (24 Hr. Ch 092)				3 Ctation/ Order Num	per Carrie
Served [0			5. Operator			
Mine				7. M ne 10			(Contractor
Cand tion	cr Practice						8a Written Notice (103g)
hen J	O gas of a	known mixt	ure was a	or bollage	the fir	st senso	nd condition. r outby the Unit miners on the
V aləticn	A Health	B. Section		C Part/Section of		See Conline	hat on Form (MSHA Term 7000-3a)
	Safety 🗸 Other	of Act		Tille 30 CFR		75.1103-5	(a)(1)
Gravity	perdire's Evaluation						
,	or lineas (has) (is):	No Likelihood	Untikely 🗸	Reasonably Lif	o'y	Highly 1 lkely	Occurred
	or illness could rea ly be expected to be:	No Lost Workda	ys Lost V	Voikdays Or Restricte	d Duty	Permanently	Disaphing 🗸 Hatal
	ican! and Substantial:	Yes	No √ i			D Number of P	orsons Affected: 010
Neg'iger	rce (check one)	A. None	B. Low	C. Moderate 🗸	D. High	ER	eckless Diaregard ,
Type of	Action (04(a)		13. Typo of Iss	usnee (check cne)	Citation 🗸	Order 5	afoguard Written Notice
In tial Ac		C. Safeguard E), Writton Notice	E. Citation/ Order Numb	er		F. Dated Mo Da Yr
Area or i	Equipment						
Tom na	A Date	Mo Da Yr 08/26/2014	3 Time (24 Hr. Clo	ock) 0940			
	rra nation Action						
	Terminate The Ly when ter		repaired	on the war	rning s	ignal and	d it operates
Tern inal	A Date 08/2	0a Yr 6/2014 B. Tinte	24 Pr. Clock	0930			
	icmated System Data	20 Suppl Nurshau		24 54-	any or fall		
(activity)	nspection code) E01	20. Event Number		21. P/I'm	ary of MH	-	

MSHA Form 7000-3, Apr 08 (mixing)—In accordance with the provisions of the Small Business Regulatory Entercement for rises Act of 1990, U.o. Small Business Administration has established a Noticent Small Business and Agriculture Regulatory Chitecterian and of Regular Estimate Bounds to receive contracts from sine-stead small relative sense about federal agency into Controlled actions. The Outboders an annually evaluates enforcement activities and raise sense high enginess. If you was to common on the enforcement actions of MSHA, excerney refl 1 888 RHC GFAIR (1 884 FAF 4 NAT), or which the Orthodornou at Small Resides Administration, Office of the National On Eudenman. 499 3rd Street, SWM ROC 2120, Winshight, DRC Orthodornous Decorations for Common Street Bounds and an anidal form to any Chief right a your may have, inch dimplice ingit to confect the first action.

23. AR Number

Part 100 High/Med/Low

Scenario



Assessment Criteria Categories	Current Part 100	Proposed Part 100 Scenario - Low	Proposed Part 100 Scenario - High
Likelihood	Reasonably Likely	Reasonably Likely	Reasonably Likely
Severity	Permanently Disabling	Lost Work Days	Fatal
Persons Affected	001	Yes	Yes
Negligence	Moderate	Negligent	Negligent

Assessment Criteria Points & Civil Penalty	Current Part 100	Proposed Part 100 Scenario – Low	Proposed Part 100 Scenario – High
Mine Size Points	15	4	4
Controller Size Points	10	4	4
History Points	10	10	10
Repeated Violation Points	8	4	4
Negligence Points	20	15	15
Gravity Likelihood Points	30	0	14
Gravity Injury Points	10	5	10
Gravity Persons Points	1	1	1
Total Points	104	43	62
Point Penalty	\$8,421	\$6,000	\$15,000
Good Faith Penalty	\$7,579	\$5,400	\$13,500
Additional Good Faith Penalty		\$4,200	\$10,500

Summary



Peabody objects to the Proposed Rule on Criteria and Procedures for Assessment of Civil Penaltics for the following reasons which will result in actions contrary to the stated objectives of the proposed rule:

- The proposed Negligence criteria raise several general concerns. First, the rule would eliminate the consideration of mitigating factors. Second, the "Not Negligent" definition is too restrictive relative to the definition of "Negligent". If mitigating factors are not to be considered, the sole consideration in a negligence determination is whether the operator knew or should have known of the violative condition. Third, the elimination of "High Negligence" raises significant questions as to the impact on unwarrantable failure. The elimination of "High Negligence" under the proposed rule would result in either: (1) unwarrantable failures accompanied by findings of "Negligent" or (2) an increase in the number of Reckless Disregard findings to support unwarrantable failures.
- A concern involving negligence is the potential increase in 110© investigations. With the uncertainty of whether
 a "Negligent" designation could support an unwarrantable failure, there is a possibility that citations designated
 as "Negligent" will be investigated for potential 110© assessments.
- The rule will not result in earlier resolution of enforcement issues due to fewer areas of dispute. On the
 contrary, the rule has the potential to increase the number of disputed violations due to the latitude allowed to
 the inspector to select the severity levels in the areas of gravity and negligence from a reduced number of
 options.
- The proposed definition of "Occurred" is most objectionable. The proposed definition of "Occurred" would change the criteria from whether an injury occurred to whether an event occurred. This will result in an increase in "Occurred" designations and increased penalties and disputes. The proposed definition of "Occurred" would also increase subjectivity. Current practice for designating a violation as "Occurred" is based on the objective fact or whether or not an injury occurred. The proposed definition would be based on the interpretation of the inspector as to what an event is, as well as, whether or not the event is one that "could have resulted in an injury or illness."
- The proposed rule increases the impact in areas of violation history and repeat violations. This is significant in the broad categories of 75.370(a)(1), 75.400, and 75.220(a)(1) violations as indicated on the following slide.

Summary



75.370 (a)(1)

- A spray at transfer points
- Number of water sprays on the continuous miner
- Quantity of air in the last open
- Perimeter mining process
- Measuring points for worked out areas
- Types of respirators
- Designated area locations
- Types of water filters

75.400

- Hydraulic oil on diesel equipment
- Trash at a stopping
- Coal accumulation at a belt tail piece
- Coal spillage on a producing unit
- Float dust on electrical equipment
- Diesel spill at a lube car
- Accumulations in cabs of equipment

75.220 (a)(1)

- Roof bolt installed torques
- Roof bolt spacing
- Pillar dimensions
- Perimeter mining process
- Maximum distance an ATRS can be set beyond the last row of roof bolts
- Roof sounding device must be supplied
- Supplemental roof supports
- Transfer tubes to insert resin into the drill hole
- Angle roof bolt installation procedures

Summary



Peabody objects to the Proposed Rule on Criteria and Procedures for Assessment of Civil Penalties for the following reasons which will result in actions contrary to the stated objectives of the proposed rule:

- The proposed rule is problematic in the field. When determining "Likelihood" MSHA inspectors and
 company escorts will have to speculate on what the event is. Is it the event at hand such as a bad roller or
 a potential event such as a belt fire. The definition of an event is non-existent.
- The proposed rule has the real probability to bring back the backlog of contested cases. The new backlog could go on for years while new and unresolved issues are settled.
- The proposed rule that pertains to the assessment of civil penalties exceeds the Secretary's authority and infringes on the Commission's authority. The Mine Act deliberately divides authority and for proposing and assessing penalties between the Secretary and the Commission.
- Peabody emphasizes safe work practices; open dialogue; establishing, following and improving safety standards; employee involvement in safety processes and recording; and the reporting and investigation of accidents, incidents and losses to avoid recurrence.
- Based on the National Mining Association Core Safety model, Peabody operations have incorporated risk management systems leading to stronger safety awareness and risk assessment.
- Safety is a way of life at Peabody, and our safety vision of zero incidents guides every action. Every
 employee commits to this vision and is accountable for safe behavior and practices at work and away. The
 company's ultimate objective is to operate without an incident of any kind.