

FOR THE CASE OF  
DOL Board of Boiler Rules

TRANSCRIPT OF  
Board of Boiler Rules

June 4, 2014

*Stone & George*

COURT REPORTING

2020 Fieldstone Pkwy

Suite 900 - PMB 234

Franklin, TN 37069

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1. STATE OF TENNESSEE  
 DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT  
 2. BOARD OF BOILER RULES  
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 8. QUARTERLY MEETING OF THE  
 STATE OF TENNESSEE  
 9. BOARD OF BOILER RULES  
 10. June 4, 2014  
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 23. CASSANDRA M. BEILING, CCR, LCR# 371  
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 25. 615.221.1089

1. APPEARANCES:  
 2. Brian R. Morelock, Chairman  
 Owner-User Representative  
 3. 235 Picadilly Lane  
 Gray, Tennessee 37615  
 4.  
 5. Eugene Robinson, Board Member  
 Insurance Representative  
 6. 1659 Eagle Trace Drive  
 Mount Juliet, Tennessee 37122  
 7.  
 8. Dr. Domenic Canonico, Board Member  
 Boiler Manufacturer  
 9. 1423 East Brow Road  
 Signal Mountain, Tennessee 37377  
 10.  
 11. David W. Baughman, Board Member  
 Owner/User Representative  
 12. Allied Boiler & Supply, Inc.  
 4006 River Lane  
 13. Milton, Tennessee 37118  
 14.  
 15. Neil Jackson, Board Member  
 (via telephone)  
 16.  
 17. Sam Chapman, Assistant Chief Boiler Inspector  
 18.  
 19. Kim Y. Jefferson, Esq.  
 Administrator, State of Tennessee  
 20.  
 21. Sydne Ewell, Esq.  
 Legal Counsel, State of Tennessee  
 22.  
 23. Carlene Bennett  
 Board Secretary, State of Tennessee  
 24.  
 25.

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1. CHAIRMAN MORELOCK: Good morning,  
 2. everybody. By your silence I take it you're ready  
 3. to go. All right.  
 4. I have 9:01, so let's go ahead and  
 5. call this meeting to order. This is the quarterly  
 6. meeting of the Tennessee Board of Boiler Rules.  
 7. I want to welcome everybody here this  
 8. morning. We have several agenda items to cover,  
 9. so I look forward to letting everybody come  
 10. forward and make presentations.  
 11. Just so you'll kind of know how this  
 12. works, we're going to adopt the agenda here in  
 13. just a minute. And when your turn on the agenda  
 14. comes forward, if you would, please come forward  
 15. to the table with your materials, introduce  
 16. yourselves. You'll have the floor to present your  
 17. item, and then we'll open the floor for  
 18. discussion.  
 19. After your item is reviewed and voted  
 20. on, you're welcome to stay. If you want to leave,  
 21. you're certainly welcome to excuse yourself. And  
 22. that's kind of the way that will work.  
 23. As far as introductions and  
 24. announcements, let me go ahead and do some  
 25. announcements right quick. In the interest of

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1. safety, just so you know that in the event there's  
2. an emergency or any sort of natural disaster or  
3. anything going on, the security personnel in this  
4. building will either lead us to a safe place in  
5. the building or, if need be, they will lead us out  
6. to the Rosa Park side of the building, to an  
7. assembly point there.  
8. And as far as other announcements, if  
9. you do have a cell phone, that's fine. If you  
10. would, please, just put it on silent. But if you  
11. would do that out of respect for the folks who  
12. will be making presentations, I would appreciate  
13. that.  
14. For those of you who know Bob  
15. Elliott -- he was chairman of this Board up  
16. through 2004 and was on the Board for 21 years --  
17. I talked to him this past week, and his wife,  
18. Vicki Elliott, she's going through some treatment  
19. right now for cancer, and I thought it would be a  
20. great idea for the board members, as well as any  
21. of you--all that may know Bob and Vicki -- I've got  
22. a couple of cards on the back table -- if you want  
23. to write them a quick note, I'll be happy to take  
24. that back to Kingsport with me and take those  
25. cards to them.

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1. And so for the sake of the ladies and  
2. the gentlemen, I've got a card that's got cute  
3. little cats on it, if you want to sign that one.  
4. And if you're too manly for that, I've got one  
5. with a waterfall on it, so you can pick and choose  
6. what you would prefer to sign.  
7. We also are thankful that Neil  
8. Jackson has joined us today. And he is recovering  
9. from bypass surgery and we're glad to hear his  
10. voice, so we'll look for his input and we'll hear  
11. from him shortly as we go through these items.  
12. I would also like to welcome  
13. Cassandra. She's our court reporter, and she'll  
14. be struggling through my East Tennessee English  
15. today to get everything written down properly.  
16. She says she's well-versed in that, so I've got  
17. confidence in her. She'll be fine with that.  
18. Let's also remember that Carlene will  
19. be out August the 28th having some medical  
20. procedures done, so let's just remember her.  
21. We'll miss her at the September meeting, but just  
22. remember her through the summer.  
23. With that I would like for us to have  
24. a round of introductions. So, Cassandra, we'll  
25. start with you.

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1. THE REPORTER: I'm Cassandra  
2. Beiling, the court reporter from Stone & George  
3. Court Reporting.  
4. MR. CHAPMAN: I'm Sam Chapman,  
5. assistant chief boiling inspector.  
6. MS. BENNETT: Caroline Bennett,  
7. Board secretary.  
8. MR. ROBINSON: Eugene Robinson,  
9. Tennessee Boiler Board member.  
10. CHAIRMAN MORELOCK: Brian Morelock,  
11. representing Eastman Chemical Company and  
12. representing owner/users of unfired pressure  
13. vessels.  
14. DR. CANONICO: Domenic Canonico  
15. representing manufacturers.  
16. MR. BAUGHMAN: I'm Dave Baughman  
17. with Allied Boiler & Supply out of Murfreesboro.  
18. And I'm the owner/user representative for boilers  
19. on the Board.  
20. MS. JEFFERSON: I'm Kim Jefferson.  
21. I'm the workplace regulations and compliance  
22. administrator, which includes boilers.  
23. MS. EWELL: Sydne Ewell, legal  
24. counsel.  
25. MR. CROWE: Rocky Crowe. I'm the

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1. facility support engineering manager at Nuclear  
2. Fuel Services in Erwin, Tennessee.  
3. MR. COATES: Tracy Coates,  
4. engineering design authority, Nuclear Fuel  
5. Services.  
6. MR. MORRISON: I'm Steve Morrison,  
7. power plant manager for Domtar Paper Company.  
8. MR. RICHARDSON: Randy Richardson,  
9. the operations manager, Erwin Resin Solutions and  
10. Energy Solutions in Erwin, Tennessee.  
11. MR. HOPKINS: Charlie Hopkins, plan  
12. chemist, Erwin Resin Solutions, Energy Solutions,  
13. Erwin, Tennessee.  
14. MR. TWYMAN: John Twyman,  
15. maintenance engineer, Innophos Chemical Company.  
16. MR. DAVIS: Tony Davis, maintenance  
17. manager, Innophos.  
18. MR. LUX: Anthony Lux. I'm the  
19. plant engineering manager for Cytec Industries in  
20. Mount Pleasant, Tennessee.  
21. MS. RHONE: Deborah Rhone, Boiler  
22. Office Supervisor.  
23. MR. CRADDOCK: Rodney Craddock,  
24. plant engineer with Trelleborg Coated Systems in  
25. Morristown.

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1. MR. NEVILLE: James Neville,  
2. president of Neville Engineering.  
3. MR. BUTLER: Keith Butler, quality  
4. control manager for Industrial Boiler &  
5. Mechanical.  
6. CHAIRMAN MORELOCK: Okay. Well,  
7. again, welcome everyone --  
8. MR. JACKSON: Neil Jackson, review  
9. consultant.  
10. THE REPORTER: Say it again.  
11. CHAIRMAN MORELOCK: Say it again.  
12. MR. JACKSON: Neil Jackson, review  
13. consultant for the Department of Labor Boiler  
14. Division.  
15. CHAIRMAN MORELOCK: We were talking  
16. over you, Neil. I apologize.  
17. MR. JACKSON: No problem.  
18. CHAIRMAN MORELOCK: There are  
19. agendas on the back table if you would like one.  
20. So we'll move down to adoption of the  
21. agenda.  
22. MR. ROBINSON: Motion made to move  
23. to accept it.  
24. DR. CANONICO: Second.  
25. CHAIRMAN MORELOCK: Okay. I have a

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1. motion and a second. Is there discussion or any  
2. items that need to be added to the agenda? Any  
3. corrections?  
4. MR. MORRISON: (Indicating.)  
5. CHAIRMAN MORELOCK: Yes,  
6. Mr. Morrison?  
7. MR. MORRISON: I would like to add  
8. myself to the agenda for the request for an audit  
9. of the Kingsport boiler.  
10. CHAIRMAN MORELOCK: Okay. Is this  
11. an action item or a discussion item?  
12. MR. MORRISON: Action item.  
13. CHAIRMAN MORELOCK: Okay. So that  
14. will be Item 14 -- well, no. It's actually an old  
15. business item, right?  
16. MR. MORRISON: It's a follow-up,  
17. sir.  
18. CHAIRMAN MORELOCK: So let's go  
19. back to the minutes.  
20. MS. BENNETT: 14-01.  
21. CHAIRMAN MORELOCK: So we will add  
22. you under old business, 14-01. Okay.  
23. Anything else?  
24. (No verbal response.)  
25. MR. JACKSON: All right. Hearing

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1. none, I'm going to call the vote. All in favor  
2. say, "Aye."  
3. (Response in the affirmative.)  
4. CHAIRMAN MORELOCK: Opposed?  
5. (No verbal response.)  
6. CHAIRMAN MORELOCK: Abstentions,  
7. not voting?  
8. (No verbal response.)  
9. CHAIRMAN MORELOCK: Okay. We have  
10. an agenda.  
11. Our next item is adoption and  
12. approval of the March 5th minutes which you have  
13. before you.  
14. MR. ROBINSON: Motion made to  
15. accept it.  
16. CHAIRMAN MORELOCK: Okay. I have a  
17. motion.  
18. DR. CANONICO: Second.  
19. CHAIRMAN MORELOCK: I have a  
20. second. Any discussion on the minutes from  
21. March 5th?  
22. (No verbal response.)  
23. CHAIRMAN MORELOCK: Hearing none,  
24. all in favor say, "Aye."  
25. (Response in the affirmative.)

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1. CHAIRMAN MORELOCK: All opposed?  
2. (No verbal response.)  
3. CHAIRMAN MORELOCK: Abstentions,  
4. not voting?  
5. (No verbal response.)  
6. CHAIRMAN MORELOCK: Okay. The  
7. minutes are approved as provided.  
8. Our next item is the chief report.  
9. Mr. Chapman, I'll turn that over to you.  
10. MR. CHAPMAN: All right. Thank  
11. you. The number of inspections that was done was  
12. 9,041. That was from the state inspectors and the  
13. insurance companies. Total delinquent is 891 from  
14. the state inspectors, 937 from the insurance,  
15. which gives us a total of 1,828.  
16. Number of code violations was 18, and  
17. we have 8 that's uncorrected at the moment.  
18. We had 8 QC reviews and one boiler  
19. variance. And at the moment we're still looking  
20. to fill the chief position.  
21. CHAIRMAN MORELOCK: Okay.  
22. MR. CHAPMAN: And that's the  
23. chief's report.  
24. CHAIRMAN MORELOCK: All right. Any  
25. questions?

- 1. (No verbal response.)
- 2. CHAIRMAN MORELOCK: All right.
- 3. Moving on to old business, Item 14-01, which is --
- 4. MR. BAUGHMAN: Are we going to go
- 5. over conflicts at all?
- 6. CHAIRMAN MORELOCK: Yes, we will.
- 7. I'm going to handle conflicts of interest on each
- 8. item. But thank you for the reminder.
- 9. MS. JEFFERSON: Chair Morelock, I
- 10. have a question. I'm not sure if you were going
- 11. to address this a little later. Since we're
- 12. utilizing a court reporter now, going forth --
- 13. CHAIRMAN MORELOCK: Yes.
- 14. MS. JEFFERSON: -- would you and
- 15. the committee consider us using the minutes that
- 16. are being transcribed as the official meeting
- 17. minutes? Instead of us also preparing meeting
- 18. minutes, would you consider that and consider us
- 19. posting those on the Web site so that you-all can
- 20. have access to that information and the entire
- 21. public can have access prior to the meetings?
- 22. CHAIRMAN MORELOCK: Okay.
- 23. MS. JEFFERSON: Is that something
- 24. that you would consider?
- 25. CHAIRMAN MORELOCK: Any Board

- 1. comments concerning that request?
- 2. MR. ROBINSON: No objections.
- 3. MR. BAUGHMAN: I think it's a good
- 4. idea.
- 5. CHAIRMAN MORELOCK: I think that
- 6. would be fine. All right. Very good.
- 7. MS. JEFFERSON: Okay.
- 8. CHAIRMAN MORELOCK: Okay. So
- 9. 14-01, which is Domtal Paper in Kingsport,
- 10. Tennessee.
- 11. Mr. Morrison, I'll let you have the
- 12. floor.
- 13. Are there any conflicts of interest
- 14. with this item before we proceed?
- 15. (No verbal response.)
- 16. CHAIRMAN MORELOCK: All right.
- 17. Hearing none...
- 18. MR. MORRISON: I would like to
- 19. thank the Board for hearing me and adding me to
- 20. the agenda. I would like to request the next step
- 21. in the variance, I guess, saga for the extension
- 22. of internal inspection of the boiler. I believe
- 23. the next step is to have an audit done by a third
- 24. party.
- 25. CHAIRMAN MORELOCK: Well, the next

- 1. step will be -- the law will not take effect until
- 2. July 1st.
- 3. MR. MORRISON: Yes, sir.
- 4. CHAIRMAN MORELOCK: So the Board
- 5. can take no action until after July the 1st.
- 6. MR. MORRISON: Okay. I was under
- 7. the impression that we could have an audit done
- 8. beforehand to verify the --
- 9. CHAIRMAN MORELOCK: Well, according
- 10. to the legislation that has passed and been signed
- 11. is that the Board must provide you with a guide
- 12. and a checklist.
- 13. MR. MORRISON: Yes, sir.
- 14. CHAIRMAN MORELOCK: You will take
- 15. that guide and checklist and then you will prepare
- 16. your program manual, submit that to the boiler
- 17. division 45 days in advance of the September
- 18. meeting, then we will review that request in
- 19. September. And then it will be voted. So those
- 20. are the next steps because we are required by the
- 21. law now that you must have that guide and
- 22. checklist to prepare your manual.
- 23. MR. MORRISON: Will that timeline
- 24. be in place before -- we're looking at the end of
- 25. October to do our scheduled shutdown.

- 1. CHAIRMAN MORELOCK: Yes. The next
- 2. board meeting will be the first Wednesday in
- 3. September.
- 4. MR. MORRISON: Okay. I just want
- 5. to make sure that I'm not going to --
- 6. CHAIRMAN MORELOCK: Yes. Yes.
- 7. MR. MORRISON: -- butt up against
- 8. that, so...
- 9. CHAIRMAN MORELOCK: Yes. It will
- 10. be September the 3rd, will be the next...
- 11. MR. MORRISON: And so we should be
- 12. able to have the guideline in place and audit done
- 13. before September.
- 14. CHAIRMAN MORELOCK: The checklist
- 15. and guideline is on the agenda for vote today, so
- 16. you're welcome to stay and be a participant in the
- 17. review of that as we review that with everyone
- 18. here today. Sydne has worked very hard to get
- 19. that put together so we can have it published and
- 20. on the Web site by July the 1st --
- 21. MR. MORRISON: Thank you.
- 22. CHAIRMAN MORELOCK: -- because
- 23. we've got a hard deadline to meet, so...
- 24. MR. MORRISON: Okay.
- 25. CHAIRMAN MORELOCK: All right. So

1. Item 14-01, we will -- let me make sure I get this  
 2. right -- we will table this until the September  
 3. meeting?  
 4. DR. CANONICO: No. You will  
 5. postpone it.  
 6. CHAIRMAN MORELOCK: Okay. Postpone  
 7. it until the September meeting? Okay. So we will  
 8. postpone 14-01 until the September meeting.  
 9. MR. JACKSON: Mr. Chairman, this is  
 10. Neil Jackson.  
 11. CHAIRMAN MORELOCK: Yes, sir.  
 12. MR. JACKSON: How long of an  
 13. extension are they asking for? Six months?  
 14. MR. MORRISON: Six months, sir.  
 15. CHAIRMAN MORELOCK: Six months.  
 16. MR. JACKSON: Okay. Under the  
 17. proposed new things for fees, page 4 of that under  
 18. 68-122-11A, it talks about a 14-month...  
 19. CHAIRMAN MORELOCK: Yes. And the  
 20. rules are being revised, but we will not have all  
 21. of that completed by July the 1st, so we will have  
 22. to work with the boiler division to work around  
 23. that. Because I understand your concern about the  
 24. 14-month deadline.  
 25. MR. JACKSON: Yes.

1. CHAIRMAN MORELOCK: Because with  
 2. their extension, that will extend them out to  
 3. 18 months. So we will note that, but we will have  
 4. to work on that between now and July the 1st.  
 5. MR. JACKSON: Thank you.  
 6. CHAIRMAN MORELOCK: You're welcome.  
 7. Moving on to new business, our next  
 8. item is Item 14-02 which is Innophos. They're  
 9. seeking a renewal of their variance.  
 10. So gentlemen, if you'll come forward.  
 11. MR. TWYMAN: I would just like to  
 12. say thank you to the Board for seeing us today  
 13. considering this variance renewal request.  
 14. Can I ask a quick question about that  
 15. Item 14-08? Is that checklist for new variance  
 16. requests only, or will there be a new revision for  
 17. my next renewal?  
 18. CHAIRMAN MORELOCK: Well, this is a  
 19. different variance. This variance that  
 20. Mr. Morrison is speaking of has recently passed  
 21. legislation to revise Tennessee Code Annotated  
 22. 68-122-110 to add paragraphs (f) and (g) to the  
 23. law to allow the extension of boiler internal  
 24. inspection periods.  
 25. MR. TWYMAN: Oh, so it doesn't --

1. there won't be a change that I'll have to revise?  
 2. CHAIRMAN MORELOCK: It does not  
 3. apply to the attendant rule --  
 4. MR. TWYMAN: Okay. That was -- I  
 5. just wanted to clarify that.  
 6. CHAIRMAN MORELOCK: That's fine.  
 7. MR. TWYMAN: Thank you very much.  
 8. As you mentioned, this is a renewal  
 9. request. I remember most of your faces from the  
 10. time I was here three years ago doing the initial  
 11. request. I hope you have all had a chance to look  
 12. through the remote boiler manual that I sent out.  
 13. Very minor changes. There have been no changes to  
 14. our boiler management system, our remote  
 15. monitoring system. There have been no changes to  
 16. the chain of command, organizational chart. There  
 17. have been no changes to the emergency contacts or  
 18. emergency procedures. Very, very simple. We're  
 19. just asking for continued consideration for the  
 20. variance.  
 21. CHAIRMAN MORELOCK: Okay. Before  
 22. we proceed, are there any conflicts of interest  
 23. with this item?  
 24. (No verbal response.)  
 25. CHAIRMAN MORELOCK: And for the

1. court reporter and for Neil, would you please  
 2. introduce yourselves again?  
 3. MR. TWYMAN: Okay. My name is John  
 4. Twyman. I'm the maintenance engineer at the  
 5. Innophos Chemical Plant in Nashville, Tennessee.  
 6. MR. DAVIS: And I'm Tony Davis.  
 7. I'm the maintenance manager at the Innophos plant  
 8. in Nashville, Tennessee.  
 9. CHAIRMAN MORELOCK: Okay. So do  
 10. you have anything else you want to present? Or  
 11. are you ready for us to discuss?  
 12. MR. TWYMAN: The only changes have  
 13. been a few names.  
 14. CHAIRMAN MORELOCK: Okay.  
 15. MR. TWYMAN: Tony is a new  
 16. maintenance manager. As far as that goes, the  
 17. position and organizational chart is the same.  
 18. Just the name has changed and that has been  
 19. updated.  
 20. CHAIRMAN MORELOCK: Okay. All  
 21. right. With that, I would like to entertain a  
 22. motion so that we can have discussion and act on  
 23. this item, please.  
 24. MR. ROBINSON: I recommend a motion  
 25. to discuss.

|   |   |
|---|---|
| <p style="text-align: right;">Page 21</p> <p>1. CHAIRMAN MORELOCK: Okay. So<br/> 2. moved. Do I have a second?<br/> 3. MR. BAUGHMAN: Second.<br/> 4. CHAIRMAN MORELOCK: Okay. All<br/> 5. right. So discussion. Does anybody have any<br/> 6. comments?<br/> 7. MR. ROBINSON: Page 1.<br/> 8. Thank you for your attendance and<br/> 9. coming back and putting up with us.<br/> 10. MR. TWYMAN: My pleasure.<br/> 11. MR. ROBINSON: A couple of<br/> 12. questions in my review of the manual. The manual<br/> 13. looked really nice. Just a couple of questions,<br/> 14. so no need for panic. But paragraph 1.1 on<br/> 15. page 1, you say it throughout the manual, but in<br/> 16. that particular paragraph, you kind of lean the<br/> 17. opposite way. And what it is, you had facility in<br/> 18. there would upkeep the manual as opposed to<br/> 19. maintenance engineer.<br/> 20. Just keep it simple. Keep it<br/> 21. consistent.<br/> 22. MR. TWYMAN: Okay.<br/> 23. MR. ROBINSON: You say it<br/> 24. throughout the manual. And, you know, I saw that<br/> 25. and I said, well, the facility is going to do it.</p>  | <p style="text-align: right;">Page 23</p> <p>1. working on the boiler, they can start it if they<br/> 2. need to. Those are rare exceptions and they're<br/> 3. usually under the supervision of somebody like<br/> 4. myself or my lead fireman. But I can change that<br/> 5. to somewhere else if there's a little<br/> 6. contradictory language.<br/> 7. MR. ROBINSON: For consistency,<br/> 8. please.<br/> 9. MR. TWYMAN: So you said on<br/> 10. page 25 --<br/> 11. MR. ROBINSON: 25 at paragraph 8;<br/> 12. page 27, paragraph 4.4.2. And that's where you<br/> 13. just said specifically that the boiler operator<br/> 14. can start the boiler.<br/> 15. MR. TWYMAN: Only plant personnel.<br/> 16. MR. ROBINSON: Right. Emergency<br/> 17. section.<br/> 18. MR. TWYMAN: Uh-huh.<br/> 19. MR. ROBINSON: It would be great if<br/> 20. you had a fast-reference emergency section,<br/> 21. meaning you had a page that was already colored or<br/> 22. something. So if I had to thumb through the<br/> 23. manual at speed and I needed to find out what to<br/> 24. do, I want that page to stand out.<br/> 25. MR. TWYMAN: There is a tab for</p> |
| <p style="text-align: right;">Page 22</p> <p>1. And then as I read through the manual, I saw that<br/> 2. the maintenance engineer was supposed to do it.<br/> 3. MR. TWYMAN: Right.<br/> 4. MR. ROBINSON: So keep it<br/> 5. consistent.<br/> 6. MR. TWYMAN: Duly noted.<br/> 7. MR. ROBINSON: Okay. Throughout<br/> 8. the manual -- but I just picked it up again, what<br/> 9. happened and reoccurred on page 25 and 27 -- and<br/> 10. starting with page 25, paragraph 8, you put in<br/> 11. there designated -- there was a statement<br/> 12. regarding who could restart the boiler. And it<br/> 13. was clear when you at first mentioned it. You<br/> 14. said that only the boiler operator is permitted to<br/> 15. restart the boiler, period.<br/> 16. But then later, throughout the<br/> 17. manual, like on page 27, you clearly said it, that<br/> 18. the boiler operator is capable of starting, but<br/> 19. then on page 25 you said that persons designated<br/> 20. can start the boiler. Is that what you meant to<br/> 21. say? Is that clear? Or is that just...<br/> 22. MR. TWYMAN: I can clarify that.<br/> 23. What I mean by that is there are a few outside<br/> 24. contractor sources like people that do our fuel<br/> 25. air set tunings, that when they're in there</p> | <p style="text-align: right;">Page 24</p> <p>1. emergency procedures and emergency contacts.<br/> 2. MR. ROBINSON: Okay. I stand<br/> 3. corrected. That's satisfactory.<br/> 4. CHAIRMAN MORELOCK: We do have it<br/> 5. in the guidelines but we give them options.<br/> 6. MR. ROBINSON: That's satisfactory.<br/> 7. That's all.<br/> 8. CHAIRMAN MORELOCK: Yes,<br/> 9. Dr. Canonico.<br/> 10. DR. CANONICO: On the Appendix II,<br/> 11. Site Plan and Power House Layout --<br/> 12. MR. TWYMAN: Uh-huh.<br/> 13. DR. CANONICO: -- I found that very<br/> 14. difficult to discern what's in there. Things are<br/> 15. so fine -- the print is fine and it's hard to<br/> 16. read. I was also looking for an organizational<br/> 17. chart. I don't think I found one of those.<br/> 18. MR. TWYMAN: It's in there. It is<br/> 19. on page --<br/> 20. DR. CANONICO: I have Table A-1 as<br/> 21. the personnel.<br/> 22. MR. ROBINSON: The pages, when you<br/> 23. had them copied -- I'm sure what happened, the<br/> 24. pages, when they were copied, you went to an<br/> 25. outside agency or something and they just threw</p>                     |

1. them in there. There was a couple of appendices  
 2. that were kind of lost in there.  
 3. MR. TWYMAN: They got out of order?  
 4. MR. ROBINSON: Yes, sir.  
 5. CHAIRMAN MORELOCK: Yeah. You got  
 6. page 13 numbered but the org chart wasn't  
 7. numbered, so -- is it numbered?  
 8. MS. BENNETT: On the side.  
 9. CHAIRMAN MORELOCK: Okay. Yeah,  
 10. you're right, it is. It is. There it is.  
 11. MR. TWYMAN: Dr. Canonico, to your  
 12. comment on the powerhouse layout, is there a  
 13. specific thing of interest that needs to be  
 14. highlighted and blown up?  
 15. DR. CANONICO: No. You have one in  
 16. here and I find it very difficult to read. The  
 17. print is so small. It might be just me. Maybe  
 18. everybody else read it fine.  
 19. The other one I have is Appendix III,  
 20. Staff and Contact Information. I think you have  
 21. that somewhere else unless I'm badly mistaken. I  
 22. thought I saw something back here on contacts.  
 23. CHAIRMAN MORELOCK: It's under  
 24. emergency contacts.  
 25. DR. CANONICO: I had the same

1. problem with being difficult to read on  
 2. Appendix IV.  
 3. CHAIRMAN MORELOCK: Is that it?  
 4. DR. CANONICO: That's it. It just  
 5. bugged me. It's not that bad.  
 6. CHAIRMAN MORELOCK: All right. Any  
 7. other comments?  
 8. MR. BAUGHMAN: Yes. What actual  
 9. experience or training has the boiler operator and  
 10. maintenance engineer had that qualifies them to go  
 11. through and train the other personnel on the  
 12. boilers themselves?  
 13. MR. TWYMAN: The lead fireman that  
 14. we have was trained by B & W, Babcock & Wilcox,  
 15. when these boilers were installed. So he was  
 16. trained from the factory during installation, and  
 17. he has, in turn, trained me. So it goes back to  
 18. factory training.  
 19. I wasn't here during the installation  
 20. of the boilers, but we've had -- that would be the  
 21. extent of that. And just general plant experience  
 22. through developing the boiler variance and digging  
 23. in and doing research. That's my qualifications.  
 24. And he and I, together with his years  
 25. of experience, pass along information for people

1. to do their four-hour rounds.  
 2. MR. BAUGHMAN: Okay. The next  
 3. question I have would be unrelated to the DA. The  
 4. DA is such an integral part of the system. And  
 5. we've gotten non-shut-down alarms that are set up  
 6. on your DA. The DA is rated at 150 psi.  
 7. MR. TWYMAN: Correct.  
 8. MR. BAUGHMAN: If you go through an  
 9. e-stop and you do an emergency shut-off situation,  
 10. do your pumps run continuously and modulate the  
 11. feedwater going into the boilers? Or are they  
 12. on/off operation?  
 13. MR. TWYMAN: The pumps modulate  
 14. continuously to maintain a level in the deaerator.  
 15. MR. BAUGHMAN: Not so much level in  
 16. the deaerator but a level in the boiler.  
 17. MR. TWYMAN: The level is on -- the  
 18. level control in the upper steam drum is  
 19. controlled by the feedwater pump, that control  
 20. valve on the feedwater pump. There's an actuating  
 21. valve.  
 22. MR. BAUGHMAN: Okay. So the pumps  
 23. would run continuously --  
 24. MR. TWYMAN: Right.  
 25. MR. BAUGHMAN: -- and that valve is

1. actuating --  
 2. MR. TWYMAN: Right. They're  
 3. centrifugal pumps.  
 4. MR. BAUGHMAN: When you go through  
 5. an e-stop -- you're stopping the boiler -- what  
 6. mechanism is being stopped on the boiler? In  
 7. other words, what does the e-stop connect to to  
 8. shut off the boiler?  
 9. MR. TWYMAN: The gas valves.  
 10. MR. BAUGHMAN: Okay.  
 11. MR. TWYMAN: It shuts off the main  
 12. gas valve.  
 13. MR. BAUGHMAN: It shuts off the  
 14. main gas valve.  
 15. MR. TWYMAN: Right. There's some  
 16. language in here about -- specifically, we'd  
 17. rather throw the main gas valve than actually hit  
 18. an e-stop because of all the things that shut down  
 19. because of that. The preferred, actually, safer  
 20. method, I think, in my opinion, is to -- because  
 21. it's further outside of the powerhouse -- it's  
 22. referenced in here, what we call a flaker  
 23. building -- there's a main gas valve that, if  
 24. there's a major issue, you can close that from  
 25. further away from the powerhouse. But if you're

1. in the powerhouse, there are e-stop buttons around  
 2. that you can hit that shut everything down.  
 3. Valves slam shut.  
 4. MR. BAUGHMAN: Okay. So it is tied  
 5. into the gas valve circuit.  
 6. MR. TWYMAN: Yes.  
 7. MR. BAUGHMAN: Okay. Very good.  
 8. The problem arises that if you cut off the main  
 9. power coming in or the power supply, the DA is not  
 10. turned off and the pumps are running continuously,  
 11. and if the modulating feed water valve hangs open  
 12. and doesn't have a spring return close, you can  
 13. actually overflow the boiler, continually put  
 14. water into the boiler for the pumps that are  
 15. running continuously.  
 16. MR. TWYMAN: They're tied into  
 17. that. The management system of the e-stop shuts  
 18. those off.  
 19. MR. BAUGHMAN: The other thing we  
 20. don't have on here is anything that would alarm on  
 21. the DA from a pressure standpoint. The pumps are  
 22. rated at 230 psi. The DA is rated at 150 psi.  
 23. MR. TWYMAN: Correct.  
 24. MR. BAUGHMAN: And so the pumps  
 25. have the capabilities of actually putting more

1. pressure into the DA than what the DA is rated for  
 2. at one-and-a-half times its operating pressure.  
 3. This comes into play from where we had problems  
 4. with another facility on a DA that failed.  
 5. And just for what it's worth -- and  
 6. we've discussed this before -- it's not part of  
 7. the variance -- but we need to have more  
 8. monitoring involved with the DA just from a safety  
 9. standpoint. And we have non-shut-down alarms, but  
 10. there's nothing in here from a pressure  
 11. standpoint, also, which can help both from an  
 12. efficiency standpoint but primarily from a safety  
 13. standpoint, and would be one of my  
 14. recommendations. Not that it's a road into the  
 15. code by any stretch, but at some point, it's  
 16. something we'll probably discuss along the way.  
 17. CHAIRMAN MORELOCK: But wouldn't  
 18. the DA be part of the unfired pressure vessel  
 19. inspection required by the State?  
 20. MR. BAUGHMAN: It should be part of  
 21. the inspection, but as far as the --  
 22. CHAIRMAN MORELOCK: And it's a code  
 23. vessel, right?  
 24. MR. BAUGHMAN: Yes.  
 25. CHAIRMAN MORELOCK: It's stamped?

1. MR. BAUGHMAN: Correct.  
 2. CHAIRMAN MORELOCK: So the UG-125  
 3. is going to require it to have the relief device  
 4. on it.  
 5. MR. BAUGHMAN: And it has a relief  
 6. device.  
 7. CHAIRMAN MORELOCK: Okay.  
 8. MR. BAUGHMAN: Absolutely.  
 9. CHAIRMAN MORELOCK: Okay.  
 10. MR. BAUGHMAN: The problem comes if  
 11. that relief device hasn't been kept up with, if  
 12. things haven't been --  
 13. CHAIRMAN MORELOCK: Right. But  
 14. that's the purpose of the two-year inspection, to  
 15. check --  
 16. MR. BAUGHMAN: Absolutely.  
 17. CHAIRMAN MORELOCK: -- and let them  
 18. do an internal on the --  
 19. MR. BAUGHMAN: But if we're not  
 20. monitoring pressure through this whole thing, then  
 21. that's how things can get out of whack. Just food  
 22. for thought. But it gives me a good idea about  
 23. how you're operating and how your e-stop's tied  
 24. in.  
 25. In one particular point in your

1. parameters, it shows typical operating parameters,  
 2. 150 to 230. And then you've got operating  
 3. parameters of 150 to 225, a slight variation, but  
 4. it's just a way to kind of nitpick and look at  
 5. very small things. But all in all, that's all the  
 6. questions I have.  
 7. MR. TWYMAN: Okay.  
 8. MR. BAUGHMAN: Thank you.  
 9. MR. TWYMAN: Could you give me the  
 10. page number of where that discrepancy in the --  
 11. MR. BAUGHMAN: Yeah. Table 2-2,  
 12. Typical Operating Parameters, Feedwater Pump  
 13. Pressure 150 to 230.  
 14. MR. ROBINSON: Page 8.  
 15. MR. TWYMAN: Okay.  
 16. MR. BAUGHMAN: And then Table 5-1,  
 17. Operating Parameters, Feedwater Pump Pressure 150  
 18. while feeding, 225 when control valve is shut.  
 19. MR. TWYMAN: I got you. I'll check  
 20. those and make sure they're consistent.  
 21. CHAIRMAN MORELOCK: The only other  
 22. comment I have to add to the comments that have  
 23. been made is in reading your renewal, you're  
 24. stating that you also updated the manual based  
 25. upon Board findings from the last review as well

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1. as the acceptance inspection by the deputy  
2. inspector. And the only thing that -- I went and  
3. printed the minutes off from the previous review,  
4. and the only item that I saw that was really not  
5. addressed was -- you do state on page 1 in the  
6. second sentence -- you do state the Rule 22 and  
7. that it requires the boiler to be checked by an  
8. attendant every 20 minutes unless the facility  
9. obtains a variance.  
10. But we had also requested from the  
11. minutes that you add a statement to your manual,  
12. "If there's a condition that the boiler is put  
13. into that falls outside the variance, the boiler  
14. needs to be attended per Rule 803-3 every 20  
15. minutes during that situation." So you may just  
16. want to add that verbiage to the text of your  
17. manual in the appropriate locations.  
18. Basically, any situation, if the  
19. boiler goes into an upset condition or something  
20. that the remote monitoring will not adequately  
21. monitor the boiler, then you're going to need your  
22. boiler operator to attend that boiler every  
23. 20 minutes by the current rule. Okay?  
24. MR. TWYMAN: (No verbal response.)  
25. CHAIRMAN MORELOCK: Any other

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1. questions or comments?  
2. MR. JACKSON: Mr. Chairman, this is  
3. Neil Jackson.  
4. CHAIRMAN MORELOCK: Yes, sir.  
5. MR. JACKSON: On the comment  
6. Mr. Baughman made about the individual who does  
7. the training --  
8. CHAIRMAN MORELOCK: Yes.  
9. MR. JACKSON: -- is there  
10. documented evidence of his training, such as for  
11. the boiler operators and all that's required?  
12. MR. TWYMAN: In terms of from the  
13. original training from Babcock & Wilcox?  
14. MR. JACKSON: Yes.  
15. MR. TWYMAN: I am going to have to  
16. say I think so but I cannot confirm that.  
17. CHAIRMAN MORELOCK: Okay. We'll  
18. let --  
19. MR. JACKSON: One --  
20. CHAIRMAN MORELOCK: Go ahead,  
21. Mr. Jackson.  
22. MR. JACKSON: One other comment on  
23. his manual, page 12, Item 3.1. Please identify  
24. what a relief boiler operator is.  
25. MR. TWYMAN: The relief boiler

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1. operator is one of our mechanics that was also  
2. there during the boiler installation and was  
3. trained. And if our lead fireman is on vacation,  
4. then he is assigned to the powerhouse for the  
5. duties that our leadman does when he's there. And  
6. during the rest of the time --  
7. MR. JACKSON: We'll need a  
8. description of this operator since he's different  
9. than the boiler operator.  
10. CHAIRMAN MORELOCK: Do we already  
11. have that?  
12. MR. ROBINSON: I thought so.  
13. MR. JACKSON: I couldn't find it  
14. anywhere.  
15. CHAIRMAN MORELOCK: Would it be in  
16. the back with the job descriptions?  
17. MR. JACKSON: Well, on page 12,  
18. Item 3.1.1 starts the job descriptions.  
19. CHAIRMAN MORELOCK: Right. If  
20. you'll just verify that that's in the job  
21. description.  
22. MR. TWYMAN: In the manual or in  
23. our internal job description?  
24. CHAIRMAN MORELOCK: Yes, in the  
25. manual. In the manual. Any title that's

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1. mentioned in the manual, it needs to have a job  
2. description and it needs to be shown on the  
3. organizational chart, as well.  
4. MR. TWYMAN: All right.  
5. MR. JACKSON: I was going to say I  
6. don't see it on the organizational chart either.  
7. CHAIRMAN MORELOCK: Right. So if  
8. you'll just make sure that that's noted in the  
9. manual and on the org chart, that'd be great.  
10. Any other questions --  
11. MR. TWYMAN: It is on the org  
12. chart. Boiler operator, slash --  
13. MR. DAVIS: It's on the org chart.  
14. CHAIRMAN MORELOCK: Okay. Okay.  
15. MR. TWYMAN: So I'll just add a  
16. line item description for a relief boiler.  
17. CHAIRMAN MORELOCK: Okay. Very  
18. good.  
19. MR. JACKSON: Thank you,  
20. Mr. Chairman.  
21. CHAIRMAN MORELOCK: Thank you.  
22. All right. Any other questions?  
23. DR. CANONICO: You said B & W  
24. trained your people. What kind of training was  
25. that? To what extent? How deep?

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1. MR. TWYMAN: Personally, I wasn't  
2. there during it.  
3. DR. CANONICO: I realize that but  
4. someone must have been there.  
5. MR. DAVIS: Neither one of us would  
6. have been there.  
7. MR. TWYMAN: There have been  
8. significant turnovers in staffing.  
9. CHAIRMAN MORELOCK: So what was  
10. passed down to you? That would probably answer  
11. your question.  
12. MR. TWYMAN: The field service guy  
13. from B & W showed them all the start-up/shut-down  
14. procedures, went through all the safety  
15. interlocks, how to start the boiler, when not to  
16. light the boiler, what not to do, safety  
17. situations such as don't throw water into a dry,  
18. hot steam drum. All the general how to run a  
19. boiler and how to run it safe.  
20. Our lead fireman is exceptionally  
21. knowledgeable on that. Based on my experience  
22. with him, he knows it like the back of his hand.  
23. So having not seen the training or been there for  
24. it, my observation is that it was deep and fully  
25. adequate.

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1. DR. CANONICO: I hate to sound curt  
2. but it sounds like hearsay.  
3. MR. DAVIS: So the action item that  
4. we can agree to would be to confirm what this  
5. training looked like and when it occurred  
6. precisely. I mean, we're a pretty old  
7. organization. That plant has been there almost a  
8. hundred years, so I would believe that we would  
9. have that training documentation, and we certainly  
10. have someone required to track all documentation  
11. on those lines. So we can try to produce that.  
12. DR. CANONICO: Just for your own  
13. information, some of us on the Board here have a  
14. problem with boiler attendants and their training.  
15. Years ago, you know, we had these guys come in out  
16. of the navy, and they'd been working on boilers  
17. for years. And they became our boiler attendants  
18. and boiler inspectors. And today we don't see  
19. that. And, you know, people say they've been  
20. trained. And on the next one I've got a even more  
21. serious question. And I'm bothered by the fact  
22. that these people seem to be doing boiler  
23. attendant work, and you have to ask, you know,  
24. what kind of training have they had? Where have  
25. they been that makes them a boiler attendant?

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1. It's just a problem of mine.  
2. CHAIRMAN MORELOCK: Any other  
3. comments?  
4. MR. TWYMAN: Understood.  
5. MR. BAUGHMAN: When was the last  
6. training accomplished? When was the boiler  
7. installed?  
8. MR. TWYMAN: It's on the  
9. boilerplate. I'm thinking around 2002. 2001.  
10. MR. BAUGHMAN: 2001. So it's been  
11. 13 years since original training. My  
12. recommendation would be to have ongoing training.  
13. We don't know if the B & W guy was there for two  
14. hours or was there for two days. Was there any  
15. test mechanism to show whether -- even with  
16. yourself, if there's, you know -- if somebody  
17. shows you something but the retention of that --  
18. in other words, operating this equipment, it's a  
19. piece of equipment that can relocate your  
20. facility, as you're aware. And so it needs to be  
21. taken very seriously, the training. And that's  
22. something that we're going to be addressing in  
23. time to come, but for your own end of it is think  
24. about putting some ongoing training mechanisms in  
25. place that can benefit the level of safety there

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1. with your facility.  
2. MR. DAVIS: Duly noted.  
3. CHAIRMAN MORELOCK: Okay. Any  
4. other comments?  
5. (No verbal response.)  
6. CHAIRMAN MORELOCK: All right. I  
7. need a motion.  
8. MR. BAUGHMAN: So moved. Motion to  
9. pass their renewal.  
10. CHAIRMAN MORELOCK: So we have a  
11. motion to accept this renewal request. Do I have  
12. a second?  
13. MR. ROBINSON: Second, contingent  
14. upon acceptance of the comments.  
15. CHAIRMAN MORELOCK: Okay. And the  
16. acceptance inspection by the deputy inspector.  
17. MR. ROBINSON: Correct.  
18. CHAIRMAN MORELOCK: Okay. So we do  
19. have a motion to approve this renewal request  
20. based upon implementation of the comments from the  
21. Board as well as the acceptance inspection from  
22. the deputy inspector.  
23. Any other questions or concerns?  
24. DR. CANONICO: I think I have one.  
25. I'm trying to find it. I was looking for the map

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1. of your facility. Appendix -- site map is  
2. Appendix II.  
3. MR. TWYMAN: It should be one page  
4. in front of the powerhouse layout.  
5. DR. CANONICO: What is the distance  
6. between your boiler and your guard?  
7. MR. TWYMAN: Less than 200 feet.  
8. DR. CANONICO: More than 100?  
9. MR. TWYMAN: Somewhere between 100  
10. and 200, yeah.  
11. CHAIRMAN MORELOCK: Okay. Any  
12. other comments, questions?  
13. (No verbal response.)  
14. CHAIRMAN MORELOCK: All in favor  
15. say, "Aye."  
16. (Response in the affirmative.)  
17. CHAIRMAN MORELOCK: All opposed?  
18. (No verbal response.)  
19. CHAIRMAN MORELOCK: Abstentions,  
20. not voting?  
21. (No verbal response.)  
22. CHAIRMAN MORELOCK: All right,  
23. gentlemen, you have a renewal.  
24. MR. DAVIS: Thank you.  
25. MR. TWYMAN: Thank you.

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1. CHAIRMAN MORELOCK: You're welcome  
2. to stay. You're welcome to excuse yourself.  
3. Whatever your pleasure is.  
4. MR. JACKSON: Mr. Chairman, this is  
5. Neil Jackson.  
6. CHAIRMAN MORELOCK: Yes, sir.  
7. MR. JACKSON: These people that you  
8. just renewed their variance --  
9. CHAIRMAN MORELOCK: Yes.  
10. MR. JACKSON: -- are they ready for  
11. the inspection?  
12. CHAIRMAN MORELOCK: Gentlemen, are  
13. you ready for your site inspection?  
14. MR. TWYMAN: Yes, sir.  
15. CHAIRMAN MORELOCK: Yes, they are  
16. ready, Mr. Jackson.  
17. MR. JACKSON: Okay. Thank you.  
18. CHAIRMAN MORELOCK: Thank you,  
19. gentlemen.  
20. Our next item is Item 14-03 from  
21. Nuclear Fuel Services. This is also a renewal.  
22. Gentlemen, if you'll introduce  
23. yourselves again for us, please.  
24. MR. CROWE: My name is Rocky Crowe,  
25. and I'm the facility support engineering manager

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1. at Nuclear Fuel Services, and I'm responsible for  
2. the manual.  
3. CHAIRMAN MORELOCK: Okay.  
4. MR. COATES: I'm Tracy Coates,  
5. engineering design authority for NFS and oversight  
6. for all of our technical operations.  
7. CHAIRMAN MORELOCK: Okay. Are  
8. there any conflicts of interest for this  
9. particular item?  
10. (No verbal response.)  
11. CHAIRMAN MORELOCK: All right.  
12. Hearing none, gentlemen, proceed.  
13. MR. CROWE: I would like to also  
14. thank the Board for your consideration of renewal  
15. of our variance.  
16. This is my first time before the  
17. Board, and it's been a pleasure meeting those that  
18. I have thus far.  
19. This request is for a renewal along  
20. with some administrative, hopefully, enhancements  
21. that made it more in line with the checklist, to  
22. be easier to follow. And, also, the relocation of  
23. our remote-controlled station is in closer  
24. proximity to the boiler building and the boilers  
25. themselves because we installed a new employee

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1. exit control point where it was previously  
2. located.  
3. So now it is in a guard station  
4. that's manned continually there with the alarm  
5. acknowledgment, along with a placard with their  
6. instructions in case of an event to be able to  
7. start the protocol for responding to any type of  
8. alarm condition. That's really the extent of my  
9. presentation, Mr. Chairman.  
10. CHAIRMAN MORELOCK: Okay. All  
11. right.  
12. MR. ROBINSON: Motion for comments.  
13. CHAIRMAN MORELOCK: Okay. I have a  
14. motion for comments.  
15. MR. BAUGHMAN: Second.  
16. CHAIRMAN MORELOCK: I've got a  
17. second. Okay. So I'm opening the floor for  
18. questions and comments.  
19. Dr. Canonico?  
20. DR. CANONICO: On page 29, you have  
21. your organizational chart. What makes a security  
22. guard a boiler attendant? That's what you have in  
23. here --  
24. MR. COATES: Yes, sir.  
25. DR. CANONICO: -- on page 29. What

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1. makes him a boiler attendant?  
2. MR. COATES: We've trained them in  
3. the operation of our boiler facility.  
4. DR. CANONICO: What kind of  
5. training did you give them?  
6. MR. CROWE: We operate by standard  
7. operating procedure. It's SOP 252. So the  
8. security force, as well as our maintenance  
9. mechanics, and, as well as, our utility operators  
10. that serve as the operator and the maintenance  
11. personnel, read and sign off on this particular  
12. standard operating procedure. And if they make  
13. any significant changes to it, other than an  
14. administrative-type change, there is a training  
15. provided by our training statute, which would be  
16. like a toolbox training to make sure that they  
17. fully understand what their responsibilities are  
18. as their role in this program.  
19. So as far as the security person,  
20. they're basically right there monitoring as part  
21. of their security activities. That alarm panel,  
22. should there be an alarm, then they hit the e-stop  
23. and then follow up with communications to the  
24. attendant -- well, not the attendant but the  
25. operator -- by radio.

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1. If that is unsuccessful, then they  
2. contact the security main station who then is able  
3. to go through the PA system or notify a plant  
4. superintendent that's also, like, our plant  
5. operating manager for the whole facility on the  
6. off shift to be able the locate someone that can  
7. respond to the alarm and then to be able to wait  
8. until that alarm is acknowledged. And you needed  
9. to correct it before they would reset it, by  
10. procedure, to allow the boiler to be restarted.  
11. DR. CANONICO: But his primary  
12. responsibility was a security officer.  
13. MR. CROWE: Yes, sir. He has  
14. security functions. He is at that location, and  
15. he's there monitoring other things, as well, the  
16. plant safeguard security aspect of the plant, as  
17. well, for that particular location.  
18. And if you'll look on our site map,  
19. it's probably 30 feet away from the building and  
20. 130 where the bull alerts are located.  
21. DR. CANONICO: 30 feet?  
22. MR. CROWE: Yes, sir. It's  
23. actually -- we moved it closer.  
24. DR. CANONICO: That's pretty close.  
25. MR. ROBINSON: So this training

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1. that's conducted is conducted by someone who can  
2. measure the competency level for the security  
3. guard?  
4. MR. CROWE: Yes, sir. And we have  
5. a --  
6. MR. ROBINSON: Who is that?  
7. MR. CROWE: Who does the training  
8. themselves? We have a staff member from our  
9. training department, and we've listed the person  
10. that is assigned to this particular building. In  
11. our manual, it's a Kojac Odum, and he's  
12. responsible for our utilities training, whether  
13. it's our wastewater treatment facility or this  
14. particular building and our utilities. And so  
15. he's familiar and he then would administer the  
16. toolbox of such training required, that type of  
17. training, and then they sign off on our Team Q  
18. training and qualification system that maintains  
19. all of our qualifications for every individual on  
20. our site, whether it's our security staff or our  
21. operators or engineering staff.  
22. DR. CANONICO: I guess one thing  
23. that does concern me is you said 30 feet between  
24. the boiler and the guard. When I was at Oak  
25. Ridge, I had an opportunity to investigate a

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1. failure at Portsmouth, Ohio, where a little  
2. propane tank blew up. And it wiped out more than  
3. 30 feet of the building.  
4. MR. CROWE: Right. Oh, I'm sorry.  
5. To clarify that, the boiler room, the building  
6. itself is 30 feet. Where the boilers are located  
7. in that room would be farther away than 30 feet  
8. from the guard station. It's in the building  
9. adjacent.  
10. DR. CANONICO: That concerns me.  
11. If you had an explosion in your boiler --  
12. hopefully you don't -- but if you did, it would  
13. probably level more than 30 feet. And that would  
14. wipe out your guard.  
15. MR. COATES: Probably not, sir.  
16. These are hard -- this is a hardened guard  
17. station.  
18. DR. CANONICO: Excuse me?  
19. MR. COATES: This is a hardened  
20. guard station.  
21. DR. CANONICO: Hardened in what  
22. sense?  
23. MR. COATES: It's bombproof.  
24. CHAIRMAN MORELOCK: This is a  
25. nuclear site.

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1. MR. CROWE: Right. This is made to  
2. withstand the adversary attacking it.  
3. DR. CANONICO: So was Portsmouth.  
4. MR. COATES: It's in a facility  
5. that's supposed to take a direct hit from a  
6. weapon.  
7. MR. ROBINSON: You know -- this is  
8. a renewal request?  
9. MR. COATES: Yes, sir.  
10. MR. CROWE: Yes, sir.  
11. MR. ROBINSON: As I read through  
12. your procedure, the outline was difficult to  
13. follow. One of the pages I had the most  
14. difficulty with was where you had made the  
15. statement on page 4 about your contact information  
16. and, when it changed, that you would manage it on  
17. a separate page or a separate book or something  
18. outside of the manual.  
19. Keep in mind that I'm under the  
20. presumption that whenever something happens, the  
21. first thing you pick up is this manual to figure  
22. out, if you don't know, who's going to do  
23. something. And if you can't find it, it really  
24. brings a -- it would frustrate me that I couldn't  
25. find a phone number to make a contact or notify

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1. someone that things are wrong, things need to be  
2. addressed.  
3. MR. CROWE: We have an emergency  
4. number, as well, at our facility, as well as our  
5. plant superintendents, that everyone is aware of  
6. for assistance. So, for example, if I was to be  
7. contacted, they would go through that particular  
8. number. We would then --  
9. MR. ROBINSON: Could you put that  
10. number in the manual?  
11. MR. CROWE: Yes, sir. Sure can.  
12. Make it simple.  
13. MR. ROBINSON: Keep it simple.  
14. Yes, keep it simple.  
15. CHAIRMAN MORELOCK: Other  
16. questions?  
17. MR. BAUGHMAN: Page 23, Appendix D,  
18. List of Boiler Controls, the last bullet item:  
19. "Trained operations and personnel: Those  
20. operating and maintaining this equipment are  
21. trained and experienced."  
22. There again, it gets back to the  
23. trained and experienced. And you said that  
24. there's a utilities manager that's in charge of  
25. training and personnel. I'm just kind of trying

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1. to qualify this "trained operations and  
2. maintenance personnel" under this page 23 item.  
3. Do you see that in the manual?  
4. MR. ROBINSON: The last paragraph,  
5. Dave?  
6. MR. BAUGHMAN: Yes.  
7. MR. CROWE: Right. And there is  
8. additional training SOPs -- I mean, additional  
9. training -- that would go along with the SOPs that  
10. do the water treatment. There's a separate SOP  
11. for just the water quality for feeding the boiler  
12. as well. And it's a standard operating procedure,  
13. as well, where there's a read and sign-off. And  
14. depending upon any addition and upon its  
15. complexity, what type of training we need to  
16. enact, whether it's a read and sign or a toolbox  
17. where a trainer goes down and walks through it or  
18. whether it's a full classroom training.  
19. But for our operations people, as far  
20. as the boiler itself, we do provide our inspector  
21. from Zurich Insurance Company. He does a class  
22. for us. We had one last year for those mechanics  
23. and operators to go and attend. And it's  
24. basically for them to ask questions from that  
25. expert so they can get some accident scenarios,

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1. some real-life situations of what not to do and,  
2. you know, what a good boiler should look like  
3. operating. So we have that as well.  
4. And that type of training is in  
5. addition. It's not a requirement for that  
6. particular job, but it would go into their Team Q  
7. sign-off requirements, so you could pull up an  
8. operator to see, first of all, are they qualified  
9. on this SOP, the water treatment chemical SOP, as  
10. well as any additional training that they may  
11. have.  
12. MR. BAUGHMAN: Great.  
13. MR. COATES: And with the trainer,  
14. when he develops his lesson plans, he goes back to  
15. original sources, original training, so he went  
16. through training with boiler supply on the boiler  
17. controls originally. He went through training  
18. originally with our boiler supply chemical company  
19. to get that information he uses to form his  
20. training plans that he applies to the personnel.  
21. MR. BAUGHMAN: Operating two  
22. boilers? Two cleavers?  
23. MR. COATES: Yes. Only one at a  
24. time, though.  
25. MR. BAUGHMAN: One at a time. But

1. they're both tied into the same steam manifold?  
 2. MR. COATES: Yes, sir.  
 3. MR. BAUGHMAN: The problem that I  
 4. would have on that is that Appendix A, Boiler Data  
 5. Sheet, page 17, shows one boiler with a maximum  
 6. allowable working pressure of 250 psi; Boiler  
 7. Number 2, 150 psi.  
 8. MR. COATES: What page is that  
 9. again, please?  
 10. MR. BAUGHMAN: Page 17, Appendix A,  
 11. Boiler Data Sheet.  
 12. MR. COATES: Yes. We only run our  
 13. boilers at 75 psi, though.  
 14. MR. BAUGHMAN: That doesn't matter.  
 15. MR. COATES: I know, sir.  
 16. MR. BAUGHMAN: And why that hadn't  
 17. been addressed previously -- but if you've got the  
 18. two boilers tied in on the same manifold and  
 19. you've got one that has an allowable working  
 20. pressure of 250, they're both showing operating at  
 21. 90 psi, but I think that needs to be addressed.  
 22. CHAIRMAN MORELOCK: Would it be  
 23. addressed through the safety relief devices --  
 24. MR. COATES: I believe it is. I'd  
 25. have to go back and verify that.

1. CHAIRMAN MORELOCK: -- to prevent  
 2. overpressure or --  
 3. MR. BAUGHMAN: Well, actually,  
 4. we're not supposed to have two boilers of  
 5. different manufacturer designs on the same  
 6. manifold because somebody can come along and  
 7. change that pressure relief on one. In other  
 8. words, they've both got to have at least the same  
 9. ratings on them. We're not allowed to tie them in  
 10. on the same manifold. So it's something that  
 11. needs to be addressed and should have already been  
 12. looked at quite some time ago. And whether that's  
 13. even allowed in operation or not needs to have an  
 14. evaluation to it.  
 15. Eugene, can you shed anything on  
 16. that?  
 17. MR. ROBINSON: No.  
 18. MR. BAUGHMAN: Okay. Back  
 19. through -- I think as we look at our code, I think  
 20. we'll find that we're not allowed to actually tie  
 21. the two boilers in together. If you're going to  
 22. operate one at a time, one would need to be  
 23. disconnected from the manifold itself, the one  
 24. with the higher pressure. You can run the lower  
 25. pressure boiler, but it's having that 250 psi

1. that's the issue.  
 2. MR. ROBINSON: Is that NBIC, Dave?  
 3. MR. BAUGHMAN: I believe it is.  
 4. CHAIRMAN MORELOCK: It's the  
 5. National Board Inspection Code.  
 6. Any other questions? I just have a  
 7. couple of quick comments. On page 6, last  
 8. sentence, Attachment C should be Appendix C.  
 9. Page 11, this kind of goes back to  
 10. Dr. Canonico's comments about the remote station.  
 11. You say in E that the remote station is typically  
 12. occupied by a single remote attendant. And,  
 13. again, if he's got other duties, we just want to  
 14. make sure that you are maintaining continuous  
 15. monitoring.  
 16. And you go on to say in further -- it  
 17. says, "On occasion additional personnel may be  
 18. present at the remote station." You just want to  
 19. make sure your manual is clearly letting whoever  
 20. reads it know that you're continuously manned,  
 21. so -- it's just a comment. It's not a...  
 22. MR. CROWE: There is a shift  
 23. turnover there for --  
 24. CHAIRMAN MORELOCK: Right. Right.  
 25. And then really, I guess, my major comments are

1. where would I find you, Rocky, on the  
 2. organizational chart?  
 3. MR. CROWE: I'm not shown.  
 4. CHAIRMAN MORELOCK: Okay. But  
 5. you're responsible for the --  
 6. MR. CROWE: The manual.  
 7. CHAIRMAN MORELOCK: -- the manual,  
 8. so you need to be on the organizational chart.  
 9. MR. CROWE: Right. Engineering is  
 10. separate from the operations.  
 11. CHAIRMAN MORELOCK: We need to put  
 12. your name in lights so everybody knows who you  
 13. are. So put yourself on there as well as the  
 14. training. You know, where is Kojac on the  
 15. organizational chart?  
 16. MR. CROWE: He falls under the  
 17. operations group.  
 18. CHAIRMAN MORELOCK: So anybody that  
 19. you note in your manual needs to be on your  
 20. organization chart. Okay? Just so you can --  
 21. because, you know, we don't know your operation.  
 22. We're reading your manual and we're trying to  
 23. track everybody down, so -- just so we'll know  
 24. that.  
 25. Just something that was

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1. interesting -- it's up to you what you want to do,  
2. but when you make a statement that annual training  
3. is not necessary, that just doesn't sound good in  
4. your manual.  
5. MR. CROWE: Well, we're very  
6. sticklers with training. So there are some that's  
7. required, mandatory, and if you don't get it, you  
8. don't go in the plant the next day.  
9. CHAIRMAN MORELOCK: Right. So just  
10. make sure that -- because on a checklist, that's  
11. line 29 -- that procedures are in place for annual  
12. training of both new and experienced personnel.  
13. And, of course, that's on page 13 in your manual.  
14. And as I noted before, I know your  
15. variance is to Rule 22, but you do not have a  
16. statement in there stating that if you have a  
17. condition that the boiler is not being operated  
18. under the variance, if there's an upset condition  
19. or an alarm situation, your boiler needs to be  
20. attended every 20 minutes until you resolve  
21. whatever those issues are.  
22. And so there's some language you'll  
23. see in some of the other manuals as they're  
24. presented. Kind of robbing Mr. Neville's  
25. language, if the remote monitor leaves their post

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1. or if the boiler system is not functioning  
2. properly, the boiler attendant must attend the  
3. boiler per Rule 800-03-03-.04(22).  
4. You just want to put something like  
5. that in the manual so that you know that it is  
6. being attended per the law.  
7. MR. CROWE: Yes, sir.  
8. CHAIRMAN MORELOCK: Any other  
9. comments or questions?  
10. MR. BAUGHMAN: Yes. What type of  
11. feedwater system do you have since it's not listed  
12. under data equipment?  
13. MR. CROWE: We have a de-alkalizer  
14. and a deaerator and a surge -- condensate and  
15. surge collection tank.  
16. MR. BAUGHMAN: Okay. So it's a  
17. surge/DA combination?  
18. MR. CROWE: Yes, sir.  
19. MR. BAUGHMAN: It being a pressure  
20. vessel and integrated with this system, it's not  
21. listed in with it. And I noticed, as I was  
22. reading through, that we have no alarms set up  
23. back to the remote station for the DA. Is that  
24. correct?  
25. MR. CROWE: Yes, sir, that's

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1. correct. There's alarms in the building itself  
2. but not to that remote station.  
3. MR. BAUGHMAN: Interesting. Okay.  
4. MR. CROWE: It's a 5 psi tank.  
5. MR. BAUGHMAN: It's a 5 psi tank.  
6. That's the rating of the tank itself?  
7. MR. CROWE: The deaerator tank,  
8. yes, sir.  
9. MR. BAUGHMAN: Is rated for 5 psi?  
10. MR. COATES: We bring back very  
11. little condensate.  
12. MR. BAUGHMAN: Do the feedwater  
13. pumps -- are they on/off operation, or are they  
14. continually running?  
15. MR. CROWE: They're continual.  
16. MR. BAUGHMAN: Interesting.  
17. CHAIRMAN MORELOCK: Any more  
18. questions?  
19. MR. BAUGHMAN: The real comment I  
20. have, Mr. Chairman, is the code issue of having  
21. two boilers on the same manifold and whether or  
22. not we could actually pass a renewal of the  
23. variance if in fact we've got a violation of how  
24. these are installed. Not so much as far as their  
25. operating procedures are concerned, but knowing

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1. that we've got a possible code violation on it,  
2. whether we can actually pass this or not. So I  
3. just wanted to kind of lay that out there.  
4. CHAIRMAN MORELOCK: Well, the  
5. manual is strictly for variance to Rule 22. What  
6. you're citing is a boiler operational problem  
7. outside of Rule 22.  
8. MR. BAUGHMAN: Okay.  
9. CHAIRMAN MORELOCK: So that just  
10. needs to be duly noted to the inspector that  
11. performs the inspection on these boilers, and that  
12. can be an action item for them to clarify and  
13. remediate if need be.  
14. DR. CANONICO: Is it a safety  
15. problem?  
16. CHAIRMAN MORELOCK: Well, I don't  
17. know. I mean, it could be, yes.  
18. MR. BAUGHMAN: Absolutely.  
19. DR. CANONICO: I think that  
20. would --  
21. CHAIRMAN MORELOCK: I don't know  
22. how the boilers are relieved. I don't know -- I  
23. know what the operating pressures are, and the  
24. operating pressures are below both NAWPs, but...  
25. MR. BAUGHMAN: Sam, do you have

1. any...

2. MR. CHAPMAN: Not off hand. I

3. would have to look that up and see.

4. MR. BAUGHMAN: Okay. Neil, do you?

5. MR. JACKSON: I was looking at the

6. NBIC as we talked. I've got it on thumb drive. I

7. can't find anywhere where there's a restriction

8. about tying different boilers or different

9. pressures together to a control or anything else.

10. It just says to go to a common header, you've got

11. to have your double valves and so on and so forth,

12. so...

13. MR. ROBINSON: Vent valve, double

14. valve.

15. MR. BAUGHMAN: Well, we'll research

16. it and get the definitive on it, because I know

17. I've been told that in the past, and...

18. CHAIRMAN MORELOCK: Well, you can

19. do the approval contingent on resolution of that

20. item by the inspector.

21. MR. BAUGHMAN: I think that's

22. great. That's a good way to put it.

23. DR. CANONICO: And if it's not

24. resolved, then by definition it does not pass.

25. CHAIRMAN MORELOCK: That's correct.

1. Yeah, if the item is not resolved, then the

2. variance is not approved. That's why it's

3. contingent on the site inspection.

4. MR. ROBINSON: One thing as a

5. safety factor, to ensure -- I think that it would

6. be prudent for the inspector to ensure that the

7. safety valves are lowered to that medium 90 -- or

8. close to that medium range of operation. In

9. addition to the safety valves, the high -- the

10. operator manual reset pressure switch naturally

11. set in accordance with those numbers as well.

12. That way you -- we eliminate that possibility. So

13. that would definitely give me that added safety

14. security.

15. MR. JACKSON: Mr. Chairman, this is

16. Neil Jackson.

17. CHAIRMAN MORELOCK: Yes, sir.

18. MR. JACKSON: The law of physics

19. would rule that if you've got 150 with 250 on the

20. other, the 250 is going to rule if there is no

21. control.

22. CHAIRMAN MORELOCK: That's

23. absolutely correct.

24. MR. JACKSON: So there has to be

25. something else in that system that has not brought

1. the attention of whoever.

2. CHAIRMAN MORELOCK: Well, from a

3. pressure vessel standpoint -- I'm not the boiler

4. guy here. I'm the pressure vessel guy -- but when

5. you have multiple vessels that have different

6. MAWPs, their reliefs are set and sized to have

7. such capacity that you can't overpressure your

8. weakest link. That's the -- I mean, you could

9. have 250 psi MAWP on this one and 150 on this one,

10. but this relief device has to be sized such that

11. that 150 vessel cannot be overpressurized based on

12. the relieving capacity. So I don't know what that

13. looks like for a boiler.

14. MR. COATES: We'll get it defined.

15. MR. JACKSON: Well, the law of

16. physics would tell you that.

17. CHAIRMAN MORELOCK: Okay. So what

18. I'm hearing is that we have a motion to approve

19. the renewal based upon corrections to the manual

20. based on the comments from the Board, acceptance

21. inspection by the deputy inspector, and resolution

22. of the two boilers that have different MAWPs on

23. the same steam header, that the relieving and the

24. pressure concerns will be resolved, that we have

25. assurance that it does satisfy ASME code as well

1. as the National Board Inspection Code.

2. DR. CANONICO: And approval is

3. contingent on that?

4. CHAIRMAN MORELOCK: Yeah. And

5. approval is contingent on those three things.

6. DR. CANONICO: So there's a change

7. in the original motion.

8. CHAIRMAN MORELOCK: Yes.

9. DR. CANONICO: Who made the

10. original motion?

11. CHAIRMAN MORELOCK: Nobody has made

12. it yet.

13. DR. CANONICO: Oh. I thought we'd

14. been doing all this discussing --

15. CHAIRMAN MORELOCK: We just made a

16. motion to discuss.

17. DR. CANONICO: Oh, okay.

18. CHAIRMAN MORELOCK: So do you want

19. to make that motion?

20. DR. CANONICO: Sure.

21. CHAIRMAN MORELOCK: All right.

22. MR. ROBINSON: I'll second it.

23. CHAIRMAN MORELOCK: All right. So

24. we have a motion and a second. Any more

25. discussion? All in favor say, "Aye."

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1. (Response in the affirmative.)  
2. CHAIRMAN MORELOCK: Opposed?  
3. (No verbal response.)  
4. CHAIRMAN MORELOCK: Abstentions,  
5. not voting?  
6. (No verbal response.)  
7. DR. CANONICO: Do you people  
8. understand what we just did to you?  
9. MR. COATES: Very much so.  
10. MR. CROWE: Yes.  
11. MR. COATES: Very definitely  
12. understand what you just did.  
13. DR. CANONICO: Good enough.  
14. MR. COATES: Thank you.  
15. MR. CROWE: Thank you.  
16. DR. CANONICO: Thank you.  
17. CHAIRMAN MORELOCK: Okay. Again,  
18. gentlemen, you're welcome to stay, or if you want  
19. to excuse yourself, that will be fine as well.  
20. All right. Our next item is  
21. Item 14-04 from Industrial Boiler and Mechanical  
22. Company requesting a vessel owned by KordSa,  
23. located at the Dupont and Vista facility, to be  
24. designated as a Tennessee Special.  
25. MR. BUTLER: Good morning.

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1. CHAIRMAN MORELOCK: Good morning.  
2. MR. BUTLER: Hello, Neil. It's  
3. good to hear your voice.  
4. MR. JACKSON: I'm listening to what  
5. you're going to present here. It'll be  
6. interesting.  
7. CHAIRMAN MORELOCK: Would you  
8. introduce yourself?  
9. MR. BUTLER: I am Keith Butler with  
10. Industrial Boiler & Mechanical. I'm their quality  
11. control manager.  
12. CHAIRMAN MORELOCK: Okay. And are  
13. there any conflicts of interest on this item?  
14. MR. BUTLER: No, sir, not from me.  
15. CHAIRMAN MORELOCK: Any from the  
16. Board?  
17. (No verbal response.)  
18. CHAIRMAN MORELOCK: All right.  
19. Proceed.  
20. MR. BUTLER: As I stated in my  
21. letter, this vessel was fabricated identical to  
22. one that they have in their facility. The one in  
23. the facility has a "U" stamp and a National Board  
24. stamp. They requested in their purchase order  
25. that this vessel be built to ASME Section VIII and

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1. have a "U" stamp and a National Board. However,  
2. when it was manufactured in Turkey, they failed to  
3. do that.  
4. They have provided us with a complete  
5. job package, everything from welder certs,  
6. material certs, and it's all been signed off by  
7. Lloyd's of Turkey, which is a division of Lloyd's  
8. of London, as their AI. The only material that  
9. doesn't show up as an ASME material is the Shell  
10. material for the outer vessel. It's a DIN  
11. material, which I've cross-referenced to --  
12. DR. CANONICO: 662.  
13. MR. BUTLER: Right. SA662 Grade C.  
14. And I've run calculations based on those which I  
15. included in this package. What they're using this  
16. vessel for is they're heating nylon to make, as  
17. their name implies, cords to go inside tires. And  
18. they're needing it in service to run just so they  
19. can keep the manufacturing plant going.  
20. CHAIRMAN MORELOCK: Okay. Any  
21. questions?  
22. Dr. Canonico?  
23. DR. CANONICO: I see it was built  
24. in 2002?  
25. MR. BUTLER: 2005.

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1. DR. CANONICO: 2005. So it's been  
2. nine years.  
3. MR. BUTLER: Right.  
4. DR. CANONICO: Where has it been  
5. those nine years?  
6. MR. BUTLER: That I'm not sure. I  
7. just know they called us back in January and said  
8. their insurance inspector pointed out that there  
9. wasn't a "U" stamp on it. I know it has currently  
10. been put into the plant. As to whether or not  
11. they're running it, I do not know.  
12. DR. CANONICO: You don't know  
13. what's happened to it over those nine years other  
14. than when it was delivered to you?  
15. MR. BUTLER: Or delivered to them?  
16. That I do not know. I didn't ask. I know the  
17. other one was in running, and it's torn up.  
18. That's why they're wanting to use this.  
19. CHAIRMAN MORELOCK: Do you know  
20. when the other vessel went out of service?  
21. MR. BUTLER: That I didn't ask.  
22. CHAIRMAN MORELOCK: Okay.  
23. MR. BUTLER: I know they're  
24. currently reconditioning it, so...  
25. CHAIRMAN MORELOCK: Was this vessel

1. ever in service prior to now?  
 2. MR. BUTLER: In all honesty, I  
 3. think it has been and no one knew it. They just  
 4. assumed it and then the insurance inspector found  
 5. it.  
 6. CHAIRMAN MORELOCK: Okay. So  
 7. during the inspection by the insurance inspector,  
 8. was there any notations as to if any repairs or  
 9. alterations had been made to the vessel?  
 10. MR. BUTLER: He hasn't mentioned  
 11. there was. I know I did go over and view the  
 12. vessel. There are no repair or alteration  
 13. nameplates on the vessel itself.  
 14. CHAIRMAN MORELOCK: Did you notice  
 15. any weld seams or anything, welding touchup that  
 16. would --  
 17. MR. BUTLER: As far as the quality?  
 18. CHAIRMAN MORELOCK: Yes.  
 19. MR. BUTLER: The welds that were  
 20. exposed didn't look like they had been touched up.  
 21. It's actually been coated in a very heavy  
 22. insulation simply because of the high temperatures  
 23. that nylon has to be kept at. But none of the  
 24. insulation has been disturbed in recent years.  
 25. You can tell that.

1. DR. CANONICO: I notice the 662 you  
 2. referred to is a classic European material, low  
 3. carbon and high manganese.  
 4. MR. BUTLER: Right.  
 5. DR. CANONICO: They get their  
 6. hardening ability from the manganese, not the  
 7. carbon.  
 8. MR. BUTLER: Right. The WStE 355  
 9. is used a lot in Europe -- as to why, I don't  
 10. know -- as opposed to other pressure materials.  
 11. The difference between PED, I guess, and ASME.  
 12. CHAIRMAN MORELOCK: Any other  
 13. questions?  
 14. MR. ROBINSON: Does this vessel  
 15. have the PED stamp?  
 16. MR. BUTLER: It doesn't have a PED  
 17. stamp on it either.  
 18. MR. ROBINSON: You said that the  
 19. other vessel was being reconditioned.  
 20. MR. BUTLER: Right.  
 21. MR. ROBINSON: Obviously it's been  
 22. in service. What is it being reconditioned for?  
 23. MR. BUTLER: It had a leak. Inside  
 24. the internal pipe that goes through it, there was  
 25. a leak in it, which the internal pipe is carrying

1. the nylon, so when it leaks, it gets into the  
 2. vessel. And basically you have to tear the vessel  
 3. apart and strip all the nylon out of it.  
 4. MR. ROBINSON: The failure mode was  
 5. from what, corrosion or a crack or...  
 6. MR. BUTLER: I did not ask what had  
 7. caused it.  
 8. MR. ROBINSON: That's the internal  
 9. pipe. It was also constructed under the same  
 10. presumptions with radiographic --  
 11. MR. BUTLER: Right. It was built  
 12. identical to this. It was all x-rayed and  
 13. everything else. I know sometimes different types  
 14. of nylons can be abrasive. I don't know if that  
 15. was the issue.  
 16. MR. ROBINSON: Wall thinning? Do  
 17. you think maybe wall thinning possibly?  
 18. MR. BUTLER: It could have been on  
 19. that internal pipe. The internal pipe is almost  
 20. 5/8 of an inch thick, so depending on what their  
 21. flow rate is because it's an S-type configuration.  
 22. CHAIRMAN MORELOCK: It's a 5-inch  
 23. pipe with a 5/8 wall. It's rated at 4500 psi.  
 24. MR. ROBINSON: One of your  
 25. notations in one of your reports, P11, it didn't

1. have a reference line to it. I could not find it.  
 2. MR. BUTLER: P11.  
 3. MR. ROBINSON: It was one of the  
 4. prior rejections from the radiographs.  
 5. MR. BUTLER: As far as on the  
 6. radiographer reports. That's what you're  
 7. referring to?  
 8. MR. ROBINSON: Yes. This was very  
 9. nice, too. I mean, you really --  
 10. MR. BUTLER: There's a lot of  
 11. information in here.  
 12. MR. ROBINSON: You did a really  
 13. great job.  
 14. MR. BUTLER: It's been a couple of  
 15. months since I've looked through this.  
 16. MR. ROBINSON: It could be the  
 17. flange. And I just wanted clarification. I  
 18. wasn't sure if it was the flange to the nozzle.  
 19. It looked like you had a slip on or something  
 20. right there.  
 21. MR. BUTLER: Yeah, let's see. What  
 22. page is that?  
 23. MR. ROBINSON: It's on a drawing.  
 24. I'm trying to get there. Just a minute. I, too,  
 25. have got to find it now.

1. MR. BUTLER: If somebody was really  
 2. nice, they would have put tabs in here.  
 3. MR. ROBINSON: Okay. It's a weld  
 4. map and it's right behind the inspection  
 5. radiographic report, wherever that's at.  
 6. MR. BUTLER: Number P11.  
 7. MR. ROBINSON: You've got to  
 8. forgive me, but I had it spread out across the  
 9. table.  
 10. MR. BUTLER: According to -- it was  
 11. reshot -- do you have a page 4 of 4 on the list of  
 12. the examination reports?  
 13. MR. ROBINSON: Page 4 of 4, yes,  
 14. sir.  
 15. MR. BUTLER: That's weld Number 91  
 16. or x-ray Number 91. It was rejected the first  
 17. shot and then accepted on the second shot.  
 18. MR. ROBINSON: Right.  
 19. MR. BUTLER: And what were you  
 20. looking for other than...  
 21. MR. ROBINSON: Location.  
 22. MR. BUTLER: That's what I was  
 23. trying to find, and I don't see a P11 on this --  
 24. there it is.  
 25. MR. ROBINSON: If you look -- it's

1. P11. Yeah, there you go. Look on the left side.  
 2. MR. BUTLER: 1 inch to 300-pound  
 3. weld neck.  
 4. MR. ROBINSON: Is it the weld neck?  
 5. MR. BUTLER: Yes.  
 6. MR. ROBINSON: And see, that's why  
 7. I didn't -- it looked like it came off of E,  
 8. and --  
 9. MR. BUTLER: Right.  
 10. MR. ROBINSON: But I wasn't sure.  
 11. MR. BUTLER: Yeah, it kind of...  
 12. I assume that's the one they did.  
 13. They don't really clarify here which one it is  
 14. other than that it's in that piping system.  
 15. Because I've got three, four welds --  
 16. MR. ROBINSON: Mr. Butler, you're  
 17. okay. That's the last weld on that piping run.  
 18. MR. BUTLER: Right. This probably  
 19. was common. He stuck it in anyway, and then he  
 20. went back and -- came back out and cleaned it up  
 21. and probably was a slag included. Okay.  
 22. Really nice report, though. Very  
 23. nice.  
 24. CHAIRMAN MORELOCK: It's an  
 25. excellent package. It's very complete. From the

1. package standpoint, this is exactly what you need  
 2. for a Tennessee Special.  
 3. MR. ROBINSON: Yes.  
 4. CHAIRMAN MORELOCK: My only comment  
 5. is that from a package standpoint, this request is  
 6. fine. My only comment would be -- is typically  
 7. when you take a vessel like this and you're  
 8. putting it back into service -- we're going to  
 9. make the assumption it's being put back into  
 10. service because if it's been in service, that's an  
 11. issue that we have to pass off to Ms. Jefferson  
 12. and Ms. Ewell because there's fines associated  
 13. with that.  
 14. MR. BUTLER: Right.  
 15. CHAIRMAN MORELOCK: But if the  
 16. vessel is going into service, the vessel needs to  
 17. be inspected and it also will have to be tested  
 18. before it's put back into service --  
 19. MR. BUTLER: All right.  
 20. CHAIRMAN MORELOCK: -- the coil and  
 21. the vessel itself. So that needs to be part of  
 22. the plan, to put this in as a Tennessee Special.  
 23. MR. BUTLER: Okay.  
 24. CHAIRMAN MORELOCK: Dr. Canonico?  
 25. DR. CANONICO: Also, I could not

1. vote in favor of it until I knew what kind of  
 2. service it was in, if any, prior to you people  
 3. getting it.  
 4. MR. BUTLER: Okay. It was built  
 5. strictly for this particular application inside  
 6. their plant, as far as heating nylon up.  
 7. DR. CANONICO: But there's nine  
 8. years -- eight, nine years missing there.  
 9. MR. BUTLER: Right.  
 10. DR. CANONICO: And the question is  
 11. where was it in those eight or nine years.  
 12. MR. BUTLER: Okay.  
 13. DR. CANONICO: I mean, that's what  
 14. I would be more concerned about.  
 15. MR. BUTLER: I can get a history  
 16. from them. Like I said, they purchased it  
 17. specifically for this plant, so...  
 18. I know they -- they don't like to  
 19. shut this plant down, so, you know, they may have  
 20. ordered it as a spare so long ago, because I'm  
 21. sure it took a long time to build this thing and  
 22. have it shipped in. The same reason they're  
 23. reconditioning the one that had the leak in it,  
 24. simply because it's a critical path for their  
 25. process.

1. CHAIRMAN MORELOCK: So who will  
 2. typically inspect these vessels?  
 3. MR. BUTLER: What I can do is I can  
 4. hire a third-party inspection company to go in  
 5. there to do UT readings on them.  
 6. CHAIRMAN MORELOCK: Well, I mean,  
 7. the reason I'm asking, once it's in service and  
 8. operating, you'll have to be inspected for a  
 9. certificate renewal by law.  
 10. MR. BUTLER: Right. Their  
 11. insurance company that found this vessel without  
 12. the "U" stamp on it is the one that typically does  
 13. their inspections.  
 14. CHAIRMAN MORELOCK: Okay. When  
 15. were they wanting to put this vessel into service?  
 16. MR. BUTLER: As soon as possible.  
 17. MR. BAUGHMAN: Okay.  
 18. MR. ROBINSON: So it's not in  
 19. service now. It's not operating.  
 20. MR. BUTLER: I'm not at liberty to  
 21. say. I think it probably is. I mean, just being  
 22. honest with you-all.  
 23. MR. ROBINSON: I'm sorry. I'm just  
 24. asking the question.  
 25. MR. BUTLER: It's probably in

1. service.  
 2. MR. BAUGHMAN: That's the way to  
 3. be.  
 4. MR. ROBINSON: Yeah, that's fair.  
 5. You've got to answer it as honestly as possible.  
 6. MR. BUTLER: I mean, I don't want  
 7. to get a customer in trouble but, you know...  
 8. MR. BAUGHMAN: We're all big boys  
 9. and girls.  
 10. MR. BUTLER: Yeah. We know things  
 11. happen sometimes.  
 12. CHAIRMAN MORELOCK: Okay. But  
 13. here's the thing. Knowing that, by law, that  
 14. vessel needs to be red-tagged today and shut down.  
 15. I mean, that's just -- we had a company come to us  
 16. a couple years ago, the same situation. And once  
 17. the Board completed the aspects of the vessel is  
 18. safe -- I looked through your calculations. I  
 19. even built a compressed model myself, verified all  
 20. your numbers. This is a safe vessel by design.  
 21. I'm fully satisfied it meets the code, so -- same  
 22. with the other vessel: I have no safety concerns.  
 23. But now this crosses over into the  
 24. Boiler Division and the administration  
 25. requirements that if you're operating a vessel

1. without a valid certificate of inspection, that's  
 2. a misdemeanor, and there's fines associated with  
 3. it. And that's out of the Board's hands.  
 4. MR. BUTLER: Right. I understand  
 5. that.  
 6. CHAIRMAN MORELOCK: So --  
 7. DR. CANONICO: And I guess I would  
 8. be interested in if it has been in service, not  
 9. only with you people but somewhere else -- that  
 10. would be more concerning to me -- what kind of  
 11. service -- what kind of environment did it operate  
 12. in, and what was the effect of that on the  
 13. mechanical properties of that material?  
 14. MR. BUTLER: I don't know if it's  
 15. been in service a long time or just this one that  
 16. they had that developed this leak.  
 17. MR. ROBINSON: How far off is the  
 18. other reconditioned boiler as far --  
 19. MR. BUTLER: From what I'm told,  
 20. it's about six months out.  
 21. MR. ROBINSON: How long have they  
 22. been working on it?  
 23. MR. BUTLER: That I'm not sure  
 24. about. I haven't asked because we weren't  
 25. handling the repairs on it.

1. CHAIRMAN MORELOCK: Well, the  
 2. dilemma we face is, honestly, knowing what we  
 3. know -- which I appreciate your honesty -- is we  
 4. would vote this down. But in fairness to your  
 5. operation, we only meet quarterly. I don't know  
 6. what that's going to do to you if you have to wait  
 7. until September.  
 8. MR. BUTLER: Well, see, that would,  
 9. you know, basically shut their entire plant down.  
 10. CHAIRMAN MORELOCK: Well, so the  
 11. only other thing -- and this is a suggestion. I  
 12. want to state that straight up front. This is not  
 13. a motion. This is a suggestion -- you need to  
 14. work with Chief Chapman here, get inspection  
 15. people out there, look at this vessel. If it's  
 16. operating without a certificate, you-all will deal  
 17. with that. That's not a Board issue.  
 18. If the vessel is inspected, tested,  
 19. we know the vessel is safe, we know that your  
 20. package is good, I don't -- and I just don't  
 21. know -- I mean, the only other option would be a  
 22. contingent approval based on resolution of a list  
 23. of items that we would come up with that if all  
 24. those items are handled, we could approve with  
 25. contingent approval today so you don't have to

1. come back before the Board.  
 2. MR. BUTLER: Okay.  
 3. CHAIRMAN MORELOCK: Because it's  
 4. either that or you're going to have to have a  
 5. special-called meeting.  
 6. MR. BUTLER: Right.  
 7. CHAIRMAN MORELOCK: With the other  
 8. company, we had to have a special-called meeting  
 9. because they were shut down for a month and they  
 10. sent their employees home. And it was very  
 11. expensive.  
 12. MR. BUTLER: It wasn't Woodbridge  
 13. Foam, was it?  
 14. CHAIRMAN MORELOCK: I can't say.  
 15. MR. BUTLER: And the reason I ask  
 16. is I had to come up here about three years ago for  
 17. them when they shut a vessel down.  
 18. MS. JEFFERSON: When did the other  
 19. vessel become inoperable?  
 20. MR. BUTLER: They haven't told me  
 21. that. I didn't ask. I was just concerned about  
 22. getting this one approved.  
 23. MS. JEFFERSON: But the proper  
 24. procedure would be to actually have it approved  
 25. before utilizing it.

1. CHAIRMAN MORELOCK: Oh, yes.  
 2. That's the law.  
 3. MR. BUTLER: That would be typical.  
 4. And I -- like I said, I don't know if, when they  
 5. contacted us at the end of December and said our  
 6. insurance guy found this, if that's when they were  
 7. going to put it into service or not.  
 8. CHAIRMAN MORELOCK: I tell you what  
 9. I want to do. I would like to take a ten-minute  
 10. break, because it's been an hour and a half, let  
 11. you-all go out and take a break, and I would like  
 12. for the Boiler Division to have a conversation as  
 13. to how they want to proceed, and let us know. And  
 14. then we'll reconvene in ten minutes.  
 15. MR. JACKSON: Mr. Chairman, before  
 16. you go --  
 17. CHAIRMAN MORELOCK: Yes, sir.  
 18. MR. JACKSON: -- this is Neil  
 19. Jackson. My understanding of the request for a  
 20. Tennessee Special, there has to be some  
 21. verification, if this vessel has been in service,  
 22. of thickness or wear or whatever, have you, around  
 23. nozzles and all --  
 24. CHAIRMAN MORELOCK: That's correct.  
 25. MR. JACKSON: -- plus some

1. documentation of the operation of this thing's  
 2. records.  
 3. CHAIRMAN MORELOCK: Well, and  
 4. you're right, Neil. And see, up until now, my  
 5. impression was that this was a spare vessel built  
 6. by the same company -- built for this company that  
 7. hadn't been installed yet. And now that we know  
 8. that the vessel is in operation, that's a whole  
 9. different ballgame. That's why I want to take a  
 10. ten-minute recess.  
 11. MR. JACKSON: Okay. All right.  
 12. MS. JEFFERSON: Neil, if you'll  
 13. hang on the line.  
 14. CHAIRMAN MORELOCK: Yeah. You can  
 15. hang on the line. We'll be back in about ten  
 16. minutes.  
 17. (Recess observed.)  
 18. CHAIRMAN MORELOCK: Okay. Let's  
 19. resume. Let me make some clarifications after  
 20. talking to Ms. Ewell. She does a good job of  
 21. keeping me straight, and I need it. But just to  
 22. clarify Mr. Butler's comment. You asked me if  
 23. this was Woodbridge Foam. And my answer needs to  
 24. be it is a matter of public record, because the  
 25. minutes are public documents. And so you can go

1. out there and read that document. And so that's a  
 2. clarification on that.  
 3. MR. BUTLER: I was just curious  
 4. because, like I said, that's the last one I  
 5. remember coming.  
 6. CHAIRMAN MORELOCK: Okay. So where  
 7. we're at with this item, with the information  
 8. that's been presented, I need a motion.  
 9. MR. ROBINSON: May I make a motion,  
 10. Mr. Chairman?  
 11. CHAIRMAN MORELOCK: Yes.  
 12. MR. ROBINSON: Based on the fact  
 13. that -- your proposal for a Tennessee Special, I'm  
 14. going to recommend that we rescind the request  
 15. for, quote/unquote, the Tennessee Special. And  
 16. we're going to add that the Tennessee Division of  
 17. Boilers red-tag the vessel and continue with  
 18. proper dispositioning.  
 19. CHAIRMAN MORELOCK: Okay.  
 20. MR. BUTLER: Is there any way we  
 21. can -- you know, if you red-tag the vessel, that  
 22. once we go through the inspections on it and we  
 23. get it up and running fairly quickly --  
 24. MR. ROBINSON: Certainly. Based  
 25. on --

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1. MR. BUTLER: Rather than waiting  
2. three months.  
3. MR. ROBINSON: Based on -- well,  
4. it's a good question.  
5. CHAIRMAN MORELOCK: Well, we can  
6. call a special meeting. And we have done that in  
7. the past.  
8. MR. ROBINSON: Absolutely.  
9. CHAIRMAN MORELOCK: But Ms. Ewell  
10. can read the statutes to you that we have to abide  
11. by here. And based on the law, we can't act on  
12. this knowing what we know.  
13. MR. BUTLER: Right.  
14. CHAIRMAN MORELOCK: So Sydne, if  
15. you want to read that to us, that's fine.  
16. MS. EWELL: Under Tennessee Code  
17. Annotated Section 68-122-112, "It is unlawful for  
18. any person, firm, partnership, or corporation to  
19. operate a boiler under pressure in the state  
20. without a valid inspection certificate.  
21. "The operation of a boiler without  
22. such inspection certificate or at a pressure  
23. exceeding that specified, and such inspection  
24. certificate constitutes a Class C misdemeanor on  
25. the part of the owner, user, or operator of the

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1. boiler. Each day of such unlawful operation is a  
2. separate offense."  
3. And under Tennessee Code Annotated  
4. Section 68-112-115, "Any person aggrieved by an  
5. order or an act of an inspector or the chief  
6. inspector, under this part, may within 15 days  
7. after notice thereof appeal from such order or act  
8. to the Board. The Board shall hear the appeal in  
9. accordance with the Uniform Administrative  
10. Procedures Act found in Title IV, Chapter 5."  
11. And I specifically cited that code  
12. provision inasmuch as our board member, Eugene  
13. Robinson, suggested that the chief go and red-tag  
14. the boiler.  
15. CHAIRMAN MORELOCK: So where we're  
16. at is this package is fine. Okay? We have no  
17. issues with the package. What we do have issue  
18. with is that we have knowledge that there's a  
19. vessel being operated in the state of Tennessee  
20. without a valid certificate of inspection, and  
21. we've just read the ramifications of that.  
22. The other thing that we don't know is  
23. prior repair history or alteration history of the  
24. vessel. We don't have a current inspection of the  
25. vessel. We have no thickness measurements to

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1. know, based off -- your calculations are based off  
2. of the drawing, but we don't know if that vessel  
3. has experienced any thinning or any damage  
4. mechanisms. We need a current inspection test of  
5. the vessel.  
6. Can it become a Tennessee Special?  
7. Yes. But we've got to let the Boiler Division  
8. handle that. And once they get their issues  
9. resolved, then it can come back to the Board.  
10. DR. CANONICO: And what service was  
11. it in?  
12. MR. BUTLER: Huh?  
13. DR. CANONICO: What service and  
14. what environment was it in?  
15. MR. BUTLER: Okay.  
16. DR. CANONICO: You know, I agree  
17. with Brian. It's an excellent package. But it's  
18. missing things, as far as I'm concerned. In fact,  
19. I sent him a note saying I thought the packet was  
20. great. But I don't know where it's been.  
21. MR. BUTLER: Right.  
22. MS. JEFFERSON: And our position  
23. here with the administration -- I want to go up  
24. and talk with them to make sure we're all on the  
25. same page.

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1. MR. BUTLER: Okay.  
2. MS. JEFFERSON: And we all know  
3. that the safety of our citizens, that's the  
4. primary goal here. And we want to make sure the  
5. people at that particular business are protected,  
6. the employees, the employers, the owners and  
7. operators, and so on and so forth. And that's the  
8. primary goal.  
9. So I think that in shutting this  
10. down, shutting the company down, red-tagging --  
11. well, red-tagging the equipment, hopefully it  
12. won't shut the entire company down, but if it  
13. does, then I think that we have to balance. I  
14. mean, there's a balance. You have to balance  
15. safety versus the operation.  
16. MR. BUTLER: And I don't think this  
17. vessel is unsafe, but I know the rules are in  
18. place for a reason. There's supposed to be a  
19. National Board stamp and a "U" stamp for a reason,  
20. so I understand that.  
21. I think this was all something that  
22. was overlooked in their process. Then it got put  
23. in there. They thought it was a code vessel.  
24. But, you know, most people in companies don't know  
25. a difference between code vessel and noncode. So

1. it was put into service and then the inspector  
 2. comes by and says, "Where is your 'U' stamp?"  
 3. CHAIRMAN MORELOCK: Well, but even  
 4. more so since they've got an identical vessel in  
 5. service that is code stamped and has a Tennessee  
 6. number, when they put the new vessel in, they  
 7. would have had to have applied to the State for a  
 8. Tennessee number.  
 9. MR. BUTLER: They should have,  
 10. yeah. And like I said, that may have been when  
 11. they found it, when they put it in. I don't know.  
 12. I didn't ask that history.  
 13. CHAIRMAN MORELOCK: Okay. All  
 14. right.  
 15. MS. JEFFERSON: And so what the  
 16. Division would like to do is to -- we agree with  
 17. you-all -- we should red-tag that equipment today;  
 18. however, we want to have an inspector to go out as  
 19. soon as possible because we don't want to prolong  
 20. them from conducting business. So we have to have  
 21. someone, either one of our state inspectors to go  
 22. out or deputy inspectors to go out, or if we can  
 23. work in conjunction with one of the insurance  
 24. inspectors, to actually take a look at the  
 25. equipment, to answer all the questions that the

1. Board has proposed, and then we can go from there.  
 2. CHAIRMAN MORELOCK: And once that's  
 3. completed, you can request a call of the meeting  
 4. of the Board to get us together as quickly as we  
 5. can to review this item.  
 6. MR. BUTLER: All right.  
 7. MR. ROBINSON: And what we'll be  
 8. looking for is the test data as far as the current  
 9. condition of the vessel.  
 10. MR. BUTLER: Right. Which that's  
 11. not hard to do.  
 12. CHAIRMAN MORELOCK: And by then,  
 13. they should have a Tennessee number, an  
 14. inspection, and they should be ready to go.  
 15. MR. BUTLER: Okay.  
 16. CHAIRMAN MORELOCK: Okay?  
 17. MR. BUTLER: I realize it's  
 18. your-all's job to run down there and stop it now.  
 19. But the problem is it may take a day or two to get  
 20. it completely flushed out, because if they shut it  
 21. down --  
 22. CHAIRMAN MORELOCK: Oh, I know.  
 23. It'll plug it up. Sure.  
 24. MR. BUTLER: -- it'll plug up their  
 25. whole system.

1. CHAIRMAN MORELOCK: Sure. We  
 2. understand that. We understand that. And we're  
 3. going to leave that up to the chief. However he  
 4. wants to handle that, that's not our purview,  
 5. so...  
 6. Okay. So I have a motion. Do I have  
 7. a second?  
 8. DR. CANONICO: Second.  
 9. CHAIRMAN MORELOCK: Any more  
 10. discussion? Any more questions or comments?  
 11. MR. JACKSON: Mr. Chairman, this is  
 12. Neil.  
 13. CHAIRMAN MORELOCK: Yes, sir?  
 14. MR. JACKSON: Sydne's reading of  
 15. the law -- and I'm playing semantics of words --  
 16. it addresses boilers. This is a pressure vessel.  
 17. CHAIRMAN MORELOCK: I know. But  
 18. we've got precedence from the State from previous  
 19. events where we've done this to pressure vessels.  
 20. MR. JACKSON: Okay. Documented and  
 21. all?  
 22. CHAIRMAN MORELOCK: Yes, sir. It's  
 23. a public record.  
 24. MR. ROBINSON: Yes.  
 25. MR. JACKSON: Okay. Very good.

1. MR. ROBINSON: Mr. Butler, one  
 2. question: The nylon medium inside the vessel, is  
 3. that lethal?  
 4. MR. BUTLER: No.  
 5. MR. ROBINSON: Okay.  
 6. MR. BUTLER: It's just where -- in  
 7. the extrusion process, they have to melt the  
 8. pellets. And this is part of the melting process.  
 9. MR. ROBINSON: Very well. Thank  
 10. you.  
 11. MR. BUTLER: I've always wondered,  
 12. you know, that pipe that goes through this thing  
 13. is 4,000 psi, and it's running wide open through  
 14. the plant. And that's not a pressure vessel.  
 15. CHAIRMAN MORELOCK: Well, it's  
 16. technically not a pressure vessel based on the  
 17. exemptions and the ASME code for Section VIII,  
 18. Division 1, because it's less than 6 inches in  
 19. diameter.  
 20. MR. BUTLER: I know. I've always  
 21. wondered that. You know, you can hook a garden  
 22. hose to a boiler once you're past the second  
 23. valve.  
 24. MR. ROBINSON: The ASME decided in  
 25. its infinite wisdom the beginning and the end.

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1. And that's the boiler proper or pressure vessel  
2. proper.  
3. MR. BUTLER: Right.  
4. CHAIRMAN MORELOCK: Well, and, I  
5. mean, you could also play the devil's advocate and  
6. say, "Well, this is outside the scope of  
7. Division 1; it should have been a Section VIII,  
8. Division 2 vessel."  
9. MR. BUTLER: I understand that.  
10. When I saw the calculations, the first thing that  
11. went through my head was it's actually outside of  
12. Section VIII.  
13. CHAIRMAN MORELOCK: Okay. Any  
14. other questions or comments?  
15. (No verbal response.)  
16. CHAIRMAN MORELOCK: All in favor?  
17. (Response in the affirmative.)  
18. CHAIRMAN MORELOCK: All opposed?  
19. (No verbal response.)  
20. CHAIRMAN MORELOCK: Abstentions,  
21. not voting?  
22. (No verbal response.)  
23. CHAIRMAN MORELOCK: Okay. This  
24. action will be declined.  
25. MR. BUTLER: Thank you-all.

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1. CHAIRMAN MORELOCK: Our next item  
2. is 14-05. This is for Trelleborg. This is a  
3. variance renewal.  
4. Gentlemen, if you'll introduce  
5. yourselves to us again.  
6. MR. NEVILLE: I'm James Neville  
7. with Neville Engineering.  
8. MR. CRADDOCK: And Rodney Craddock  
9. from Trelleborg in Morristown.  
10. CHAIRMAN MORELOCK: All right. Are  
11. there any conflicts of interest with this item?  
12. (No verbal response.)  
13. CHAIRMAN MORELOCK: All right.  
14. Hearing none, gentlemen, proceed.  
15. MR. NEVILLE: This is a renewal  
16. variance. It was first approved back in June  
17. 2011. The only changes to this variance was going  
18. from the Rev. 7 checklist to the Rev. 9 checklist  
19. of this variance.  
20. But introducing Trelleborg, they  
21. manufacture offset printing blankets at their  
22. facility in Morristown, Tennessee. Under the  
23. renewal request, they operate three high-pressure  
24. boilers. Those are operated on demand 24 hours a  
25. day, 7 days a week. Everything in the manual has

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1. stayed the same except for the checklist, so if  
2. there are any questions, we can...  
3. CHAIRMAN MORELOCK: I have none.  
4. DR. CANONICO: I have one or two.  
5. MR. ROBINSON: Motion to open for  
6. comments.  
7. DR. CANONICO: On your Figure 1,  
8. Site Plan, you show distance and you say to the  
9. super office. Whose office is that?  
10. MR. CRADDOCK: It's the production  
11. supervisor's office.  
12. DR. CANONICO: Production  
13. supervisor. Is he your boiler operator?  
14. MR. CRADDOCK: He is an attendant.  
15. DR. CANONICO: Boiler attendant?  
16. MR. CRADDOCK: Yes. The  
17. supervisors and some production people that are  
18. right in that area are trained as attendants.  
19. CHAIRMAN MORELOCK: That's the  
20. remote attendant?  
21. MR. NEVILLE: Well, remote station,  
22. yes.  
23. CHAIRMAN MORELOCK: They actually  
24. have a boiler operator, too.  
25. MR. NEVILLE: On page 5, we list

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1. the personnel at the remote station. So that  
2. production supervisor is listed as well as two  
3. other positions that can fill the role of a remote  
4. station operator.  
5. DR. CANONICO: Sounds like a lot of  
6. people are in that remote station.  
7. MR. NEVILLE: Those individuals can  
8. rotate in and out of that position.  
9. DR. CANONICO: Also, on page 5,  
10. under Number 1, third line from the bottom, "To  
11. read and be familiar with these procedures." And  
12. I -- the question I ask myself is any other  
13. training?  
14. CHAIRMAN MORELOCK: Yeah. It says  
15. in the last sentence the plant engineer will be  
16. responsible for their training.  
17. MR. NEVILLE: Yes.  
18. DR. CANONICO: But what kind of  
19. training?  
20. MR. CRADDOCK: We provide annual  
21. training to all the operators and attendants from  
22. a package we put together just a little over three  
23. years ago now with Advanced Boiler when we  
24. installed the new controls.  
25. MR. BAUGHMAN: Advanced Boiler out

1. of Knoxville?  
 2. MR. CRADDOCK: Yes.  
 3. MR. BAUGHMAN: So who at Advanced  
 4. Boiler does the training?  
 5. MR. CRADDOCK: Reed Webb came up  
 6. for the half day of training with the operator  
 7. along with Steve and -- I'm sorry, I can't  
 8. remember Steve's last name -- but one of the  
 9. technicians.  
 10. MR. BAUGHMAN: Reed and Webb are  
 11. the -- Reed Webb and Steve are the two proprietors  
 12. of Advanced Boiler & Combustion there.  
 13. MR. CRADDOCK: Yes. Steve is more  
 14. of the controls person for them.  
 15. DR. CANONICO: On page 7, top of  
 16. the page, "The boiler attendant is a trained,  
 17. qualified individual." And, again, I ask by whom?  
 18. MR. CRADDOCK: Trained by me, using  
 19. that package as the...  
 20. MR. NEVILLE: Right. The plant  
 21. engineer.  
 22. DR. CANONICO: And at the bottom,  
 23. "The plant engineer shall be responsible for  
 24. training." What is his or her boiler background  
 25. experience?

1. MR. CRADDOCK: Just years of  
 2. experience. Again, the training I had on this  
 3. particular system from Advanced Boiler.  
 4. CHAIRMAN MORELOCK: Any other  
 5. questions?  
 6. MR. ROBINSON: Just a comment.  
 7. Mr. Neville, you've spoiled us. It seems like, in  
 8. reviewing of the other manuals for today, you had  
 9. a situation where you had placed the DA tank and  
 10. the safety valve data with capacity.  
 11. MR. NEVILLE: Yes.  
 12. MR. ROBINSON: In this case, you --  
 13. I think you just put the safety valve pressure --  
 14. I'm not really -- I can't remember right now --  
 15. but I think just the pressure. You did not have  
 16. the capacity. Can I -- if it's the open DA tank,  
 17. that's okay. Is it an open DA tank or -- open to  
 18. atmosphere?  
 19. MR. NEVILLE: No. But we can add  
 20. that.  
 21. MR. ROBINSON: Put the capacity on  
 22. there as well.  
 23. CHAIRMAN MORELOCK: They're  
 24. required to report the capacity to the State.  
 25. MR. ROBINSON: Exactly. Exactly.

1. Capacity shows up on the State -- in this case,  
 2. you put the information. You'll find out on the  
 3. next manual you'll have the capacity and the  
 4. valve.  
 5. CHAIRMAN MORELOCK: Right.  
 6. MR. NEVILLE: We can add that  
 7. information.  
 8. CHAIRMAN MORELOCK: Any other  
 9. questions or comments?  
 10. DR. CANONICO: Page 9, Number 2,  
 11. "If the boiler is restarted before the cause of  
 12. the alarm is diagnosed and corrected" -- would you  
 13. restart a boiler before you knew what caused the  
 14. problem? And why? Sounds --  
 15. MR. NEVILLE: That would be -- in  
 16. the troubleshooting of an issue, that would -- you  
 17. know, the boiler operator -- that can't be started  
 18. remotely, so...  
 19. CHAIRMAN MORELOCK: That kicks you  
 20. back under Rule 22 if they do that.  
 21. MR. NEVILLE: Right. And that's --  
 22. DR. CANONICO: But why would you  
 23. even restart it? What happened to "B" boiler?  
 24. MR. CRADDOCK: It's been out of  
 25. service for years. I can't tell you for sure.

1. I've been there about 5-1/2 years and it's not  
 2. been in service the entire time I've been there.  
 3. It's actually disconnected from the header. A lot  
 4. of parts have been robbed over the years.  
 5. DR. CANONICO: I saw one drawing  
 6. where it had a lot of piping going into it, and  
 7. the next drawing, it's totally remote.  
 8. MR. NEVILLE: Right. We will  
 9. update that drawing. I believe you're referencing  
 10. E-1, as far as the power piping diagram. And we  
 11. probably need to, you know, blank out that boiler  
 12. altogether.  
 13. DR. CANONICO: Yeah. E-1 has it  
 14. very active, and E-2 has it sitting there all  
 15. alone, quite lonely.  
 16. MR. NEVILLE: Yes. E-2 is more  
 17. appropriate than E-1. So I will update that and  
 18. add a note that that has been decommissioned.  
 19. CHAIRMAN MORELOCK: Yes, sir?  
 20. MR. BAUGHMAN: Again, we've got a  
 21. deaerator with no tie-ins to this system, is that  
 22. correct, as far as alarm nomenclature?  
 23. MR. CRADDOCK: This is correct.  
 24. MR. NEVILLE: That's correct.  
 25. MR. BAUGHMAN: Okay. I really

1. dislike that a tremendous amount. And if anybody  
2. ever saw the pictures, Sam and I were intimate  
3. with being on an explosion that totally took out  
4. the facility's boiler room. Totally destroyed it  
5. because of the DA.

6. And it's not being attended to in the  
7. form or fashion that it needs to. At some point  
8. in time, the Board will address it. We've got to.  
9. This isn't the time for it, but I just wanted to  
10. ask on that particular entity and just for your  
11. own thoughts of safety of being able to integrate  
12. it in with the alarms itself.

13. The other concern I had was as I had  
14. previous. Do these boilers all tie into the same  
15. manifold?

16. MR. CRADDOCK: Yes.

17. MR. BAUGHMAN: And as you notice,  
18. two of the boilers are 200 psi. One of them is  
19. 150 psi. I would make it --

20. MR. NEVILLE: In the power piping  
21. diagram, I believe all the relief was set at 150  
22. for all of them.

23. MR. BAUGHMAN: And that's fine. My  
24. question being whether all the boilers all tie in  
25. together. And the issue is going to be examined

1. on whether or not that's actually allowed and  
2. proper.

3. MR. NEVILLE: Absolutely.

4. MR. BAUGHMAN: And so my  
5. recommendation would be, in our evaluation, that  
6. upon resolution of that, that that be incorporated  
7. into our vote.

8. CHAIRMAN MORELOCK: Okay. And  
9. until we get our board item ready for that, the DA  
10. is really going to fall under your requirements of  
11. the unfired pressure vessel to make sure that your  
12. release inspections and all that stuff are up to  
13. date. And that's how you catch that before you  
14. lose your DA.

15. Any other questions or comments?  
16. (No verbal response.)

17. CHAIRMAN MORELOCK: All right.  
18. Dave, since you did such a good job starting that  
19. motion, why don't you just make --

20. MR. BAUGHMAN: I make a motion to  
21. renew contingent upon the items discussed being  
22. resolved or brought to resolution.

23. Is that correct?

24. CHAIRMAN MORELOCK: Yes.

25. MR. ROBINSON: Second.

1. CHAIRMAN MORELOCK: Any other  
2. comments?

3. (No verbal response.)

4. CHAIRMAN MORELOCK: All in favor  
5. say, "Aye."

6. (Response in the affirmative.)

7. CHAIRMAN MORELOCK: All opposed?

8. (No verbal response.)

9. CHAIRMAN MORELOCK: Abstentions,  
10. not voting?

11. (No verbal response.)

12. CHAIRMAN MORELOCK: Gentlemen, you  
13. have a renewal.

14. MS. EWELL: Excuse me,  
15. Mr. Chairman. Was there information regarding a  
16. conflict of interest?

17. CHAIRMAN MORELOCK: I think we  
18. asked that previously.

19. MS. EWELL: Thank you.

20. CHAIRMAN MORELOCK: Right after we  
21. did our introductions. I made a note on that.  
22. We've got that.

23. MR. CRADDOCK: Thank you, gentlemen  
24. and ladies.

25. CHAIRMAN MORELOCK: All right.

1. Next item is 14-06. If y'all will introduce  
2. yourselves for us again, please.

3. MR. NEVILLE: I'm James Neville  
4. with Neville Engineering.

5. MR. LUX: I am Anthony Lux, the  
6. plant engineering manager for Cytec Industries.

7. CHAIRMAN MORELOCK: Are there any  
8. conflicts of interest for this item?

9. (No verbal response.)

10. CHAIRMAN MORELOCK: All right.  
11. Hearing none, proceed, gentlemen.

12. MR. NEVILLE: Today we're  
13. presenting a variance request. This is a new  
14. variance request for Cytec. They're a chemical  
15. manufacturing plant in Mount Pleasant, Tennessee.

16. We're proposing that two  
17. high-pressure boilers that they currently have be  
18. added to the variance. They operate these on  
19. demand, 24 hours a day, 7 days a week, furnishing  
20. high-pressure steam for their process.

21. In Appendix A-2, it lists the boilers  
22. in this. You may want to -- I'll bring your  
23. attention to the site plan first just to give you  
24. a description of the -- on page 2 is the site  
25. plan. We're proposing having two remote stations.

1. The main remote station for monitoring the boilers  
 2. will be the east plant, control room. That is the  
 3. closest one to the boiler house, approximately  
 4. 310 feet.  
 5. And as a secondary control room, it's  
 6. listed as P50 Control Room which is a further  
 7. distance from the boiler house, approximately  
 8. 1,250-feet distance, but it's possible that they  
 9. would be controlling the boilers at certain times  
 10. running certain processes where they would need to  
 11. control it from the P50 Control Room monitor.  
 12. As far as the remote station, the  
 13. remote station will be manned by production  
 14. technicians. And the boiler attendant is  
 15. classified as a boiler operator. And their job  
 16. description is in Appendix G of this manual.  
 17. Now, Mr. Lux can elaborate on the  
 18. training of those boiler operators and what  
 19. training they go through. We've documented in  
 20. their job description a number of those items.  
 21. Mr. Lux can go over some additional information on  
 22. that.  
 23. MR. LUX: So the Cytec Mount  
 24. Pleasant facility is an OSHA psm-registered  
 25. facility due to a number of processes over there.

1. So that mandates that we need to do training at  
 2. least every three years from a refreshing  
 3. standpoint.  
 4. The activities associated with the  
 5. boiler operation is not a psm-designated process,  
 6. so to speak, so we engage in those retraining and  
 7. refreshing activities, tightening up the  
 8. procedures, what you will, every five years.  
 9. With respect to the training of the  
 10. boiler operators, we have a manual, an indices of  
 11. all the procedures associated with operation of  
 12. the boilers and all the ancillary equipment in the  
 13. boiler house. There's an indices of those  
 14. procedures. There's a learning plan associated  
 15. with refreshing and operating the boilers and  
 16. those contingent equipment as well. So typically  
 17. every five years the boiler attendants will be  
 18. gathered up into a training class where there will  
 19. be a review and recertification of the procedures,  
 20. perhaps some changes to tighten things up or  
 21. whatever, but that is basically the forum by which  
 22. the training will occur.  
 23. Now, we've had some other training  
 24. since the last refresher training. One of our  
 25. boilers was upgraded with the Hawk O2 trim package

1. of which our OEM manufacturer and supplier, Boiler  
 2. Supply, had come in and provided some training to  
 3. the boiler operators in the operation of that  
 4. equipment.  
 5. Hopefully with the acceptance of this  
 6. variance our intent is to retrofit our backup  
 7. boiler, our Number 4 boiler, with the same package  
 8. of which we'll provide our operators with  
 9. refresher training once again.  
 10. MR. ROBINSON: Question: Did you  
 11. say training is performed every three years or  
 12. five years for the boiler?  
 13. MR. LUX: It's five years.  
 14. MR. ROBINSON: It says -- maybe I'm  
 15. looking at this wrong. Look at page 5, at the  
 16. bottom.  
 17. MR. NEVILLE: Well, I think there's  
 18. a difference between training of the boiler  
 19. operator and training under this manual, as far  
 20. as -- I mean, it's annual training for the  
 21. variance portion of that. But as far as a boiler  
 22. operator and his qualifications --  
 23. MR. ROBINSON: Okay. So --  
 24. MR. LUX: I was just trying to give  
 25. you a broader scope of the training that we

1. provide our operators because it seems to be a  
 2. theme, you know, of this -- for the meeting.  
 3. MR. ROBINSON: So manual training  
 4. is conducted --  
 5. MR. NEVILLE: Annually -- well,  
 6. according to this manual. Is that...  
 7. MR. ROBINSON: Okay. Let me say  
 8. it. What I'm reading right here for Cytec,  
 9. page 5, paragraph 2, it says "Annual training  
 10. thereafter."  
 11. MR. LUX: Yes, thereafter.  
 12. MR. ROBINSON: So what does that  
 13. mean?  
 14. MR. LUX: Well, post this variance  
 15. and us executing this change.  
 16. MR. NEVILLE: Right. So the boiler  
 17. operator, as far as qualifying a boiler  
 18. operator -- Mr. Lux was talking about how they  
 19. were qualified to be a boiler operator -- training  
 20. to the manual, to the systems operation manual, is  
 21. done annually, every year, so they understand how  
 22. the variance applies to their job position, so...  
 23. MR. ROBINSON: I'm okay with that.  
 24. MR. LUX: So that will be a change  
 25. providing we move forward with the variance.

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1. Because we haven't instituted any of this yet.  
2. MR. ROBINSON: I'm okay with that.  
3. MR. LUX: It's all contingent on  
4. this passing.  
5. MR. ROBINSON: Okay. I'm okay with  
6. that. That means that you can keep the manual  
7. just as it is.  
8. CHAIRMAN MORELOCK: Yes.  
9. MR. ROBINSON: Good. Thank you.  
10. That's all I have.  
11. MR. BAUGHMAN: To get on the  
12. training horse some more, is there any  
13. documentation that the training company does, the  
14. OEM company? Do they sign off on any training for  
15. personnel to show that there's actual  
16. documentation from the accountability, liability  
17. standpoint? Or is it just, "Hey, bring everybody  
18. in," show them the stuff and what have you?  
19. MR. LUX: No. Of the last few  
20. refresher trainings that we've had, we have not  
21. brought the OEM or Cleaver Brooks or their  
22. representative in. So these two boilers that we  
23. have, I mean, they've been in service for many  
24. years. And quite frankly, the boiler operators  
25. that we have, have been certified and qualified to

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1. operate these boilers for many years.  
2. MR. BAUGHMAN: Excuse me. I'll  
3. stop you right there. You said "certified."  
4. MR. LUX: Qualified.  
5. MR. BAUGHMAN: Okay. Qualified. I  
6. didn't mean to interrupt but I needed to clarify.  
7. MR. LUX: That's fine. So, you  
8. know, we've gone through an iteration of, you  
9. know, many years of kind of tightening up our  
10. learning plan and the procedures associated with  
11. the proper operation and maintenance of the  
12. boilers.  
13. MR. BAUGHMAN: One of the things  
14. I'd suggest is as an OEM or any company comes in  
15. for training, documentation of that training, of  
16. both the company that's doing the training and  
17. those that are being trained, to have some  
18. accountability for that, just as my food for  
19. thought with it.  
20. MR. LUX: Okay.  
21. MR. BAUGHMAN: The DA, I see, was  
22. put in -- or was built in '85. The boilers were  
23. '73 and '76. I take it there was a previous DA in  
24. there at some time that was replaced?  
25. MR. LUX: I'm not sure about that.

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1. I can get you an answer for that.  
2. MR. BAUGHMAN: That's okay. I was  
3. just kind of interested --  
4. MR. LUX: My -- I guess my history  
5. with the plant is just within the 18 years, so it  
6. kind of predates, so I'm just not familiar with  
7. it.  
8. MR. BAUGHMAN: Okay.  
9. MR. LUX: Logic would suggest that  
10. we did have a previous deaerator.  
11. MR. BAUGHMAN: Very good. There  
12. again, on the relief valve, you did mention  
13. previously on the DA but having the capacity on  
14. that safety relief valve.  
15. CHAIRMAN MORELOCK: Any other  
16. questions or comments? I just have a couple. And  
17. these are just nitpicky. The cover letter states  
18. that Mr. Lux is implementing the variance, but if  
19. you read page 1 of the manual it states that the  
20. manufacturing coordinator will implement the  
21. variance. So we just want consistency there,  
22. however you want to do that.  
23. MR. LUX: Okay.  
24. CHAIRMAN MORELOCK: And the only  
25. other question I have is on the checklist, Item

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1. 20, it asks if the remote monitoring system  
2. prevents unauthorized access. And I read through  
3. the Appendix B equipment, and I just did not see a  
4. statement where it's password protected or locked  
5. out or something. It may be in there. It just  
6. didn't jump out at me.  
7. We just want to make sure that your  
8. remote monitoring system does prevent unauthorized  
9. access.  
10. MR. LUX: Okay.  
11. CHAIRMAN MORELOCK: Any other  
12. questions?  
13. MR. JACKSON: Mr. Chairman, this is  
14. Neil.  
15. CHAIRMAN MORELOCK: Yes, sir?  
16. MR. JACKSON: Page 5 of the manual,  
17. Item 1, Remote Station Personnel, it talks about  
18. when they go between stations, they transfer the  
19. responsibility or duty. I don't understand how  
20. it's transferred. Is it electronically or is it  
21. manually? Also, if they have to leave the remote  
22. station, I am assuming that when they leave or  
23. whatever conditions be, the boiler operator takes  
24. control of the boiler.  
25. MR. NEVILLE: That is correct. If

1. you'll look on page 5, Number 1, the last sentence  
 2. there, it talks about the boiler -- I mean, if the  
 3. remote station personnel must for any reason leave  
 4. their post, a boiler attendant must attend the  
 5. boiler, so...  
 6. MR. JACKSON: He's attending it,  
 7. but does that take the variance out of operation  
 8. and goes to a manual operation?  
 9. MR. NEVILLE: Yes, that is correct.  
 10. And that would be the -- they would fall back to  
 11. the 20-minute rule and be required to monitor in  
 12. that respect.  
 13. MR. JACKSON: Okay. We're talking  
 14. about transferring between stations. How do they  
 15. transfer it to the boiler attendant?  
 16. MR. NEVILLE: Okay. The transfer  
 17. there, first they communicate with the other  
 18. remote stations to verify that production  
 19. technicians are at the other station. Then they  
 20. transfer authority there by letting the other  
 21. station know that they will be the primary  
 22. monitoring station. And they will both write that  
 23. in their logbook, that when that was changed from,  
 24. say, the east to the P50 control room.  
 25. CHAIRMAN MORELOCK: Are both

1. not voting?  
 2. (No verbal response.)  
 3. CHAIRMAN MORELOCK: Gentlemen, you  
 4. have a variance.  
 5. MR. NEVILLE: Thank you.  
 6. MR. LUX: Thank you.  
 7. CHAIRMAN MORELOCK: All right. Our  
 8. last item -- well, no, not our last item, but our  
 9. last variance request is 14-07. And this will be  
 10. with the Energy Solutions. Are there any  
 11. conflicts of interest on this item?  
 12. (No verbal response.)  
 13. CHAIRMAN MORELOCK: All right.  
 14. Gentlemen, if you'll introduce yourselves again,  
 15. please.  
 16. MR. NEVILLE: I'm James Neville  
 17. with Neville Engineering.  
 18. MR. HOPKINS: I'm Charlie Hopkins,  
 19. plant chemist, Erwin Resin Solutions, Energy  
 20. Solutions, Erwin, Tennessee.  
 21. MR. RICHARDSON: Randy Richardson.  
 22. I'm the operations manager for Erwin Resin  
 23. Solutions, Energy Solutions in Erwin, Tennessee,  
 24. as well.  
 25. CHAIRMAN MORELOCK: All right,

1. monitoring stations live all the time, even if  
 2. someone is not there?  
 3. MR. LUX: Yes. I mean, the intent  
 4. will be yes, they will be. So if there is an  
 5. alarm, regardless who has custody of the remote  
 6. monitoring, it's going to be alarming at both  
 7. stations.  
 8. CHAIRMAN MORELOCK: Okay. Any  
 9. other questions?  
 10. (No verbal response.)  
 11. CHAIRMAN MORELOCK: Do I have a  
 12. motion?  
 13. MR. BAUGHMAN: So moved.  
 14. DR. CANONICO: Second.  
 15. CHAIRMAN MORELOCK: So I have a  
 16. motion to approve this variance based on the  
 17. comments -- contingent on the correction of  
 18. comments made by the Tennessee Board and the  
 19. acceptance inspection by the deputy inspector. I  
 20. have a second. Any other discussion? All in  
 21. favor say, "Aye."  
 22. (Response in the affirmative.)  
 23. CHAIRMAN MORELOCK: All opposed?  
 24. (No verbal response.)  
 25. CHAIRMAN MORELOCK: Abstentions,

1. gentlemen, you may proceed.  
 2. MR. NEVILLE: This is a request for  
 3. a new variance. I wanted to make one  
 4. clarification. When we initially sent this  
 5. variance in, the company was named Studsvik. That  
 6. changed to Energy Solutions. And obviously  
 7. that -- throughout the manual we will be updating  
 8. all the references to Studsvik and changing those  
 9. to Energy Solutions, LLC.  
 10. But giving some background on Energy  
 11. Solutions, at this facility, they treat low- and  
 12. intermediate-level radioactive waste at its  
 13. facility in Erwin, Tennessee. And the facility  
 14. volume-treats wet waste using a proprietary  
 15. pyrolysis process called THOR. The main purpose  
 16. is to treat the waste and reduce its volume before  
 17. its final disposal.  
 18. The company currently operates two  
 19. high-pressure boilers. Those boilers are operated  
 20. on demand, 24 hours a day, 7 days week. And the  
 21. high-pressure steam is used exclusively for their  
 22. process.  
 23. If I could have you look at the site  
 24. plan on page 2, I wanted to kind of explain this  
 25. site plan. There are three different elevations

1. on this plant. And the control room -- the  
 2. distance from the control room to the boiler room  
 3. is approximately 55 feet. Now, the boiler room is  
 4. at an elevation of 124 feet, so it's actually on  
 5. the third story of this building. And on the left  
 6. it shows the three different elevations. This  
 7. will give you an idea of where the remote station  
 8. will be in relationship to the boiler room.  
 9. As far as the boiler attendant, the  
 10. boiler attendant will be the control room  
 11. operator. This position is also the position that  
 12. will be filled for the remote -- at the remote  
 13. station.  
 14. MR. ROBINSON: So he's serving two  
 15. functions at once?  
 16. MR. RICHARDSON: It'll be -- we  
 17. have two of those control room operators on a  
 18. shift. Typically what they'll do, one day they'll  
 19. serve as the operator in the control room, and the  
 20. second individual will be out in the plant doing  
 21. rounds and the boiler and taking care of the  
 22. plant, and then they'll swap off and on.  
 23. We always have a -- due to our lot,  
 24. since we're radioactive material, we always have  
 25. someone in the control room 24/7. Whether we're

1. operating or not, there's always someone in there.  
 2. MR. ROBINSON: My apologies. I  
 3. didn't mean to interrupt. Go ahead.  
 4. MR. RICHARDSON: No, that's all  
 5. right.  
 6. MR. ROBINSON: Proceed.  
 7. MR. NEVILLE: Now, as far as  
 8. training of those individuals, in Appendix G we've  
 9. included the job -- the position description.  
 10. And, also, the facility uses a qualification card,  
 11. and we've listed all of the qualifications as far  
 12. as -- that the control room operator needs to be  
 13. qualified before he receives that position.  
 14. Now, one of the -- we've also listed  
 15. the -- as far as in the positions, the shift  
 16. supervisor over the control room operator, those  
 17. shift supervisors are control room operators.  
 18. They have to become a control room operator first,  
 19. before they can be a shift supervisor, so they are  
 20. qualified to do all the operations of a control  
 21. room operator.  
 22. DR. CANONICO: I see your job  
 23. descriptions have control room operator, who, I  
 24. guess, is also your boiler attendant.  
 25. MR. NEVILLE: That is correct.

1. DR. CANONICO: But I don't see any  
 2. mention in this job description. Am I missing  
 3. something?  
 4. MR. NEVILLE: Yes. If you'll look  
 5. at Essential Duties, Item 7 under Control Room  
 6. Operator -- it's G-2, I believe, is the  
 7. appendix -- and, also, Item 6.  
 8. CHAIRMAN MORELOCK: And, also, on  
 9. G-9, on their qualification card, you have line  
 10. Item 40 specifically has to be signed off on, so  
 11. that's pretty good.  
 12. MR. NEVILLE: Any other questions?  
 13. MR. BAUGHMAN: Mr. Neville, what is  
 14. the control mechanism, other than the RM7840L  
 15. burner controller, that we're using for remote  
 16. monitoring? What the manual shows -- and the  
 17. reason I ask is the manual is just showing burner  
 18. programmer. The burner programmer is Honeywell,  
 19. RM7840L, which is the main safeguard burner  
 20. programmer --  
 21. MR. NEVILLE: Right.  
 22. MR. BAUGHMAN: -- but I don't see  
 23. any integration on how it ties in mechanically/  
 24. technically as a remote monitoring, so if you  
 25. would elaborate.

1. MR. RICHARDSON: Okay. What we did  
 2. in the past, before requesting this variance, we  
 3. have a SCADA system where the output, it doesn't  
 4. enunciate every particular item on that failure  
 5. list, but it will tell us if we have more trouble.  
 6. That does come down to our control room, which we  
 7. actually -- we already stated, is manned. It will  
 8. tell us -- we can monitor the pressure. We can  
 9. monitor the water make-up. We can see the pumps.  
 10. We can see the level in the make-up tank as well.  
 11. And what we've done since then -- we  
 12. have a picture of it here -- we've brought that --  
 13. those same displays for those Honeywells, we  
 14. brought those into the control room. So we have  
 15. that same display now. Whatever occurs upstairs  
 16. on the boilers, on that Honeywell panel, we'll see  
 17. that downstairs in the control room as well.  
 18. But there is no functionality with  
 19. that controller. There's no reset function or  
 20. anything like that. We do have an audible bell  
 21. that comes on in the control room. We have a  
 22. flashing strobe light in the control room, and we  
 23. have that display. Plus we have the SCADA  
 24. indications.  
 25. MR. BAUGHMAN: You say there's no

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1. capabilities of reset from these here.  
2. MR. RICHARDSON: Yes.  
3. MR. BAUGHMAN: And how have you  
4. done that? Because those are S7800 A 1142 display  
5. modules which have reset capabilities.  
6. MR. HOPKINS: Those were locally on  
7. the boilers themselves.  
8. MR. BAUGHMAN: Right.  
9. MR. HOPKINS: This system for this  
10. variance, working this, as far as hoping this goes  
11. through, is what's installed now as redundant, to  
12. be able to have that information to the operator  
13. downstairs in the control room.  
14. MR. BAUGHMAN: I understand. But  
15. you do have reset capabilities off of those  
16. display modules, is what I'm saying.  
17. MR. HOPKINS: Not downstairs in the  
18. control room. Not by that monitor -- not by the  
19. remote monitoring station.  
20. MR. BAUGHMAN: Really. Okay.  
21. MR. HOPKINS: Right.  
22. MR. BAUGHMAN: I would like to --  
23. MR. HOPKINS: Pardon me?  
24. MR. BAUGHMAN: No. It was  
25. something I would like to have confirmed because

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1. those display modules --  
2. MR. HOPKINS: Initially, yeah.  
3. They sent that and I had to send the stuff back  
4. because when you get the display covers, they will  
5. send you with a reset button on those covers for  
6. those 7800 series. And I said, "The whole point  
7. in this, gentlemen, is to have access to see --  
8. not to reset -- we have a problem.  
9. The operator -- the attendant needs  
10. to be the operator any time the boiler is started,  
11. so that is taken out. And you see the e-stops I  
12. added to that as well. So that e-stop would also  
13. have to be reset before the operator attendant  
14. could restart the boiler upstairs at the boiler.  
15. MR. RICHARDSON: And we just had  
16. that installation completed, the wiring for Boiler  
17. Number 2. And that was part of the test as well  
18. as making sure that that display mirrored while it  
19. was upstairs, and the e-stop was functional. We  
20. also tried to initiate a reset from the control  
21. room from that feeder panel, and we weren't able  
22. to. So that's -- we verified that.  
23. MR. BAUGHMAN: I would be  
24. interested to know, since all we're doing is  
25. enunciation off of this 7840L programmer and it's

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1. giving information from it up to the remote  
2. monitoring station, there's inherent problems  
3. within the programmer just doing the function of  
4. remotely monitoring. And part of the problem we  
5. have is, in particular, what we find on the -- my  
6. background is combustion controls. So if you have  
7. an airflow switch in particular, that 7840, you've  
8. got to enable the jumpers on it to monitor the  
9. airflow switch closing when the burner runs and  
10. then opening when the burner shuts off.  
11. If that function is not enabled and  
12. all you're doing is monitoring the closing of the  
13. airflow switch, that -- if the airflow switch  
14. fails in the closed position, the burner can think  
15. that it's got air, and if you happened to have  
16. lost the blow motor from one of your superiors,  
17. the programmer will continue to think it's got air  
18. and go through its prepurge cycle, will try to  
19. light off, and will get what we refer to as a  
20. self-cleaning stack incident. You'll get a pretty  
21. good backfire.  
22. So I've got -- what I would suggest  
23. is that somebody come in from a technical  
24. standpoint and go through this system because  
25. there are capabilities with just using that 4870L

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1. programmer, that you can run into issues if it's  
2. not set up properly.  
3. MR. HOPKINS: Okay. No problem.  
4. Since you mentioned that, going over the  
5. schematics, seems like I do remember seeing that.  
6. And there was something, I think, originally,  
7. maybe Duke Engineering provided. A relay had  
8. something to do with the flow switch capability.  
9. It may be -- I had a hard time understanding why  
10. that was there.  
11. MR. BAUGHMAN: Well, there's all  
12. different -- you can tie the airflow switch back  
13. into the auxillary contacts on the motor starter.  
14. MR. HOPKINS: Right.  
15. MR. BAUGHMAN: That's another  
16. fail-safe with it. But if it's not set up  
17. properly, with that Honeywell controller you've  
18. only got 200 hours of run time to make any changes  
19. to the jumpers. If you make any changes to the  
20. jumpers that are in the programmer, the programmer  
21. is nonfunctional, so it's burned into its  
22. hysteresis, so you've got to make any changes  
23. within that first 200 hours.  
24. But with all that said and done,  
25. that's an issue that we run into on the combustion

1. side, and it's -- the airflow switches on those --  
 2. I don't know if you have Gordon Piatts or ICs or  
 3. Power Flames on those superiors, what burner  
 4. you've got, but it's only a little \$30 airflow  
 5. switch, a little bunan diaphram, and you can  
 6. actually blow the doors off that boiler from the  
 7. failure of that little switch. So we need to be  
 8. able to monitor it and the system pick that up and  
 9. have those capabilities.

10. If all we're doing is remotely  
 11. monitoring from the flame Safeguard -- and you're  
 12. doing a few other things -- you're doing water  
 13. level, which is all good, and pressure -- but we  
 14. need to make sure that it can get things done to  
 15. the nth degree. And that's just somebody taking a  
 16. look at it on the programming end of it.

17. MR. ROBINSON: And confirming that  
 18. the right switches are --

19. MR. BAUGHMAN: Absolutely.

20. MR. ROBINSON: Okay.

21. MR. BAUGHMAN: Neil --

22. MR. JACKSON: Yes.

23. MR. BAUGHMAN: -- can probably add  
 24. to that. When we go out and do some of these  
 25. boiler checks, we actually bugger the boilers up

1. while we're on site to see if they do the  
 2. enunciations like they're supposed to.

3. MR. JACKSON: Yes. And make sure  
 4. that the correct fault code appears on the  
 5. monitor.

6. MR. BAUGHMAN: Thanks, guys.

7. MR. JACKSON: I have found that  
 8. that's not always true. And to the fact of  
 9. when -- I don't know -- Foster Wheeler or whoever  
 10. sets it up, they don't go through the fault codes,  
 11. because if you go, like, an F17 and it's low gas,  
 12. you turn the gas off and it comes up as fault  
 13. message 8, which is low water or something.

14. MR. BAUGHMAN: Well, and that air  
 15. flow switch typically gets wired through the gas  
 16. pressure switches.

17. MR. JACKSON: Yes.

18. MR. BAUGHMAN: And when the gas  
 19. pressure switch trips, it will come out as an air  
 20. flow switch fault, fault code 32. Well, you're  
 21. going to be addressing some other issue as far as  
 22. going back and, you know, looking at an air flow  
 23. switch, and the actual culprit could be the gas  
 24. pressure switch is low on the high gas pressure  
 25. switch, so...

1. MR. JACKSON: That is a true  
 2. statement.

3. CHAIRMAN MORELOCK: Any other  
 4. comments?

5. MR. ROBINSON: Yes.

6. CHAIRMAN MORELOCK: All right.

7. MR. ROBINSON: On your log sheet,  
 8. you've got it set up for hourly inspection. If  
 9. the variance is approved, you're going to change  
 10. it to four hours?

11. MR. NEVILLE: That is correct.

12. MR. ROBINSON: Okay. Also, could  
 13. you add a spot for a low-water control test?

14. MR. NEVILLE: Yes.

15. MR. HOPKINS: That should have been  
 16. in there. Every shift change, I believe, every  
 17. four hours --

18. MR. ROBINSON: It just says water  
 19. level.

20. MR. HOPKINS: Oh.

21. MR. ROBINSON: It just says water  
 22. level in the comments, and it doesn't say anything  
 23. about testing the --

24. MR. HOPKINS: I believe that's part  
 25. of the test if there's a low-water --

1. MR. ROBINSON: Low-water cutoff.  
 2. Yeah. That's good.

3. MR. HOPKINS: -- level failure...

4. MR. ROBINSON: That's all I have.

5. You told me about the monitoring for the boiler  
 6. attendant and the control room operator. There  
 7. are two people in there.

8. MR. RICHARDSON: Pardon?

9. MR. ROBINSON: One person on the  
 10. floor and one person in the control room  
 11. confirmed. That's all.

12. CHAIRMAN MORELOCK: Any other  
 13. comments?

14. The only one I had, Mr. Neville  
 15. answered because the organizational chart shows  
 16. two bands around the control room operators and  
 17. the shift supervisors, that shift supervisors are  
 18. trained control operators before they become shift  
 19. supervisors. But what was throwing me was that  
 20. the job description for the shift supervisor did  
 21. not state specifically any boiler attendant  
 22. requirements; however, page 7 of the -- for the  
 23. control room operator says that they are boiler  
 24. attendants and then the training supports it.

25. MR. BAUGHMAN: Right.

1. CHAIRMAN MORELOCK: So that was my  
 2. only comment. Any other comments or questions?  
 3. Do I have a motion?  
 4. MR. BAUGHMAN: I make a motion that  
 5. we approve the variance request contingent upon  
 6. items discussed being looked at, resolved, and  
 7. confirmed.  
 8. CHAIRMAN MORELOCK: Along with a  
 9. successful inspection by the deputy inspector.  
 10. MR. ROBINSON: Second.  
 11. CHAIRMAN MORELOCK: All right. I  
 12. have a second. Any other comments or questions?  
 13. (No verbal response.)  
 14. CHAIRMAN MORELOCK: All in favor?  
 15. (Response in the affirmative.)  
 16. CHAIRMAN MORELOCK: All opposed?  
 17. (No verbal response.)  
 18. CHAIRMAN MORELOCK: Abstentions,  
 19. not voting?  
 20. (No verbal response.)  
 21. CHAIRMAN MORELOCK: Gentlemen, you  
 22. have a variance.  
 23. MR. RICHARDSON: Thank you.  
 24. MR. HOPKINS: Thank you.  
 25. MR. BAUGHMAN: Thank you.

1. what?  
 2. MR. BAUGHMAN: Of their operational  
 3. variance to see how they're doing with their  
 4. guards and, you know, are these operating  
 5. personnel actually able to respond within the time  
 6. frame. We're granting them a variance and giving  
 7. them three years on it, but do we ever do a -- is  
 8. there ever a mechanism to make a check to see if  
 9. things are actually operating the way that they're  
 10. supposed to be?  
 11. MR. JACKSON: As far as an  
 12. unannounced visit, no.  
 13. MR. BAUGHMAN: Okay. Just  
 14. interested. I think it would be food for thought  
 15. to do that sometime along the way to see how this  
 16. actually works and what the results of that would  
 17. be.  
 18. MR. JACKSON: For Kim's purpose,  
 19. would we charge for this visit?  
 20. MS. JEFFERSON: What does the  
 21. statute allow? What does the law allow?  
 22. MS. EWELL: You have rules and you  
 23. have some suggested changes that can be modified  
 24. when you discuss it. I have a copy of the draft  
 25. that I prepared that you can review.

1. CHAIRMAN MORELOCK: Okay. We're  
 2. going to move on to Item 14-08.  
 3. MR. JACKSON: Mr. Chairman, this is  
 4. Neil.  
 5. CHAIRMAN MORELOCK: Yes, sir?  
 6. MR. JACKSON: For Carlene or  
 7. whoever receives it, or Sam, when you get the  
 8. revised manuals back from these variance requests,  
 9. please pass them on to me.  
 10. CHAIRMAN MORELOCK: Okay.  
 11. MR. BAUGHMAN: At some point in  
 12. time -- and, Neil, this is just food for  
 13. thought -- but at some point in time, with all  
 14. these different variances that we've got granted  
 15. out there, on the variance for Rule Number 22 -- I  
 16. know that you've probably looked at them -- I know  
 17. that I have, too -- but the majority of them that  
 18. I'm actually involved with, I don't pass when  
 19. we're out there working at the facilities. I  
 20. don't know what your particular thoughts are, but  
 21. I would be interested at some time or another what  
 22. the possibilities would be on going through and  
 23. making some random checks to actually do some  
 24. confirmation along the way.  
 25. MR. JACKSON: Random checks of

1. MS. JEFFERSON: Deborah?  
 2. MS. RHONE: And I thought in the  
 3. documentation that we send to the customers  
 4. regarding the unannounced visits that if there  
 5. were no violations or anything found that there  
 6. would not be a charge.  
 7. Is that not correct, Neil?  
 8. MR. JACKSON: I'm not sure,  
 9. Deborah. That's why I kind of hesitated in  
 10. answering Dave's question.  
 11. MS. RHONE: That's what's in the  
 12. documentation that we sent out in the past, that  
 13. there could be an unannounced visit. And if there  
 14. are any discrepancies or anything found, then the  
 15. company would be charged. But if not, then the  
 16. company would not be charged.  
 17. MS. JEFFERSON: Sounds logical.  
 18. And do our rules provide for that, or is that  
 19. something we're changing now to accommodate that  
 20. suggestion?  
 21. MS. RHONE: I guess we'll have to  
 22. put that in the rules because all of the  
 23. correspondence that we've sent out regarding that,  
 24. that was the verbiage.  
 25. DR. CANONICO: If you're in the

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1. neighborhood...

2. MR. JACKSON: Well, back to Kim, if

3. there is no violation and all like that, who is

4. going to pay for the time and expense of the

5. travel for the inspection?

6. MS. JEFFERSON: Well, that's

7. something we need to take a look at, you know,

8. because, of course, we can't have you making all

9. these random inspections we don't have the

10. resources to pay for, hotel expenses, travel, and

11. so on and so forth. So I suggest that we sit down

12. and talk with Sydne. Let's take a look at what

13. the rules provide and see if we need to modify or

14. see what we can do.

15. I am in favor of random inspections.

16. Some of the other programs actually follow up, and

17. I don't have a problem with that. But if we're

18. going to have expenses that we can't bear, then we

19. have to take a look at something different.

20. MS. RHONE: And, also, regarding

21. the deputy inspectors, when they go out to the

22. site, if they're aware of variances and things.

23. They do check on that. So if it's a deputy

24. inspector that's performing that and he finds no

25. fault, then that cost would be just based on his

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1. regular inspection at that location.

2. MS. JEFFERSON: Right. So sort of

3. like some of our other programs, you inspect for

4. one thing, however, you find yourself there for

5. something else and you combine efforts in that

6. inspection, I don't have a problem with that.

7. That should be cost effective. But making an

8. additional inspection just for the purpose of

9. inspecting that particular one, that's going to

10. cause problems for us.

11. DR. CANONICO: But if you're in the

12. neighborhood...

13. MS. JEFFERSON: If you're in the

14. neighborhood and you're inspecting already,

15. performing another inspection already, it

16. shouldn't create a problem.

17. MR. JACKSON: They don't get in the

18. neighborhood of Eastman.

19. CHAIRMAN MORELOCK: That's your

20. problem, not mine.

21. DR. CANONICO: It keeps you away.

22. CHAIRMAN MORELOCK: That's right.

23. MR. BAUGHMAN: And I guess part of

24. my point is, is that if the customer knows an

25. inspection is coming up, it's one thing. If it

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1. comes in unannounced and if you're in the

2. neighborhood doing an inspection for a different

3. customer and you make an unannounced inspection,

4. that's when you're able to really see how the

5. workings of the whole program are put together.

6. So I understand the economics behind it and so

7. forth, but at some point in time, we need to have

8. a little bit of checks going on. I'm not saying

9. carte blanche across the whole system but start

10. knocking some of these out along the way is kind

11. of what my thoughts are.

12. CHAIRMAN MORELOCK: And to not

13. belabor the point -- it's all good conversation --

14. but there are places like Eastman that showing up

15. unannounced is pretty much impossible because you

16. have to go through our security process, our

17. safety training. We have to have escorts lined

18. up. And so if you just show up at the gate, we'll

19. let you in, but it may take a half a day or a day

20. to get you in there.

21. MR. BAUGHMAN: Sure. And that's

22. right. The majority of these I don't think would

23. be to that extent, but you're right.

24. MS. JEFFERSON: And another thing I

25. just thought about, because we have inspectors all

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1. over the state -- we only have, what, 13?

2. MR. CHAPMAN: 12.

3. MS. JEFFERSON: We have inspectors

4. all over the state, so performing an inspection at

5. one location and going to another in the territory

6. shouldn't be a problem. But I'm talking about if

7. we're not already there, then that would be a

8. problem.

9. CHAIRMAN MORELOCK: And like Sydne

10. said, we are working on Rule 803-3, and we have --

11. from the March meeting we've revised it to show

12. some of the proposed fee changes, so we are

13. discussing that. And that's something we need to

14. look at as we look through those revisions.

15. Any other comments about that?

16. (No verbal response.)

17. CHAIRMAN MORELOCK: All right.

18. Moving on to 14-08. You should have a color copy

19. of the latest version of this. If you don't, let

20. me know and I've got a few extra copies I can

21. provide you. I think everybody should have one.

22. I hope you've had an opportunity to

23. review this. I've tried to get it out just as

24. quickly as possible.

25. Sydne and I actually had a

1. conversation late yesterday. And so just for the  
 2. sake of kicking off the discussion here, if you  
 3. look on page 2 of 10, at the very bottom under  
 4. Item Number 3, Boiler Records, you'll see some new  
 5. text, "and provide an example." We need to insert  
 6. the word "of" between "example" and "the" to  
 7. correct that typo.

8. And on page 3 of 10, under the  
 9. Overview and Introduction paragraph down near the  
 10. bottom, you'll see a numbered list of items:  
 11. Program sections need to be identified as follows:  
 12. Boiler system is Number 1, boiler inspection is  
 13. Number 2, and so on. Instead of Number 7, it  
 14. needs to be Number 6. Because 5 is boiler water  
 15. treatment system records. And then the Number 7  
 16. needs to be changed to Number 6 for boiler and  
 17. boiler water treatment system maintenance.

18. Then looking at the checklist, page 6  
 19. of 10, Item Number 8, line 3, the words "duties to  
 20. which" need to be marked out, because the red text  
 21. is the correct text. So it would read, "and the  
 22. duties of the personnel."

23. MR. JACKSON: Which item number was  
 24. that?

25. CHAIRMAN MORELOCK: Number 8.

1. MR. JACKSON: Okay.

2. CHAIRMAN MORELOCK: On page 8 of  
 3. 10, Item Number 27, you can mark out the question  
 4. marks after "NBIC," and mark out "NB-" and then  
 5. just -- then the Item 27 will read, "Boiler  
 6. repairs and alterations as per the ASME code and  
 7. NBIC R forms only."

8. DR. CANONICO: Question.

9. CHAIRMAN MORELOCK: Yes?

10. DR. CANONICO: Under Number 27,  
 11. "Boiler repairs and alterations as per the ASME  
 12. code," the ASME code doesn't cover that, does it?

13. CHAIRMAN MORELOCK: I agree with  
 14. that; however, the NBIC has adopted post-  
 15. construction PCC-2, which is an ASME code that  
 16. allows --

17. DR. CANONICO: Number 12?

18. CHAIRMAN MORELOCK: Yes.

19. DR. CANONICO: Section 12?

20. CHAIRMAN MORELOCK: Yes. So I felt  
 21. like we needed to leave it in there just for  
 22. clarity. But you're exactly correct. And if you  
 23. go with simply the NBIC, it would point you back  
 24. toward the ASME, so that's why Sydne and I left  
 25. it.

1. Okay. So that's what we talked about  
 2. last night. That's the only changes we've made  
 3. since this copy.

4. MS. EWELL: The safety valves.

5. CHAIRMAN MORELOCK: Oh, yes, you're  
 6. right. Thank you very much. That's on page --

7. MS. EWELL: 9 of 10.

8. CHAIRMAN MORELOCK: -- 9 of 10,  
 9. yes. I'm sorry. At the top, Number 28, safety  
 10. valve certifications is shown with a question  
 11. mark. And I think that needs to be included. So  
 12. we can word that however you prefer. We could  
 13. replace the text "safety relief devices" with  
 14. "safety valve certifications," or we could add it  
 15. saying, "records showing that safety relief  
 16. devices," comma, "safety valve certifications,"  
 17. comma, "instrumentation."

18. What's your preference? Do you want  
 19. to add it or replace?

20. (No verbal response.)

21. CHAIRMAN MORELOCK: Just add it?

22. Okay. We'll add it. So we'll add safety valve  
 23. certifications right after safety relief devices,  
 24. with a comma. Okay.

25. And so now going back to the

1. document, what I would like to do is -- I need a  
 2. motion to approve, with comments, contingent on  
 3. the fact that -- what I'm trying to balance is  
 4. this document must be reviewed in a public forum  
 5. per the Open Meetings Act, so that's what we're  
 6. doing here today. But so I don't keep you until  
 7. 6:00 tonight, what I would like to do is gather  
 8. all the comments, and then the comments that are  
 9. voiced at this meeting, we will take them back and  
 10. work with the Boiler Division to get a clean copy  
 11. prepared, issue that through email for review from  
 12. the simple standpoint of just making sure that all  
 13. the comments have been captured, and then publish  
 14. it to the Web site before the July 1st deadline of  
 15. the law taking effect. That's my plan.

16. Sydne, have you got a...

17. MS. EWELL: Kim pointed out that  
 18. she would like to add on page 2 of 10, at the very  
 19. top, on line 4, where it says to the attention of  
 20. "the Chief Inspector," she wanted to add "or Chief  
 21. Inspector's designee."

22. CHAIRMAN MORELOCK: Okay.

23. MS. EWELL: And then in the  
 24. Overview, "in the office of the Chief Inspector,"  
 25. "or Chief Inspector's designee." There as well.

1. CHAIRMAN MORELOCK: Wait just one  
 2. second. Let me get this first one down. Now,  
 3. where was the second one?  
 4. MS. EWELL: It's in the first  
 5. paragraph of the Overview, before the Note.  
 6. CHAIRMAN MORELOCK: Oh, okay.  
 7. MS. EWELL: Chief Inspector's  
 8. designee.  
 9. CHAIRMAN MORELOCK: And that's  
 10. right before the note starts?  
 11. MS. EWELL: Yes.  
 12. CHAIRMAN MORELOCK: Okay.  
 13. MS. EWELL: She wants to have it --  
 14. MS. JEFFERSON: Consistently  
 15. throughout the document.  
 16. CHAIRMAN MORELOCK: Yes.  
 17. MS. JEFFERSON: And I'm not sure,  
 18. Sydne, if there are other places that we didn't --  
 19. MS. EWELL: No.  
 20. MS. JEFFERSON: Those are the only  
 21. two?  
 22. MS. EWELL: To my knowledge. Now,  
 23. you, Brian, had indicated on page 3 of 10 the  
 24. notes. So did you want to include the information  
 25. under Number 5 as well, and 6?

1. CHAIRMAN MORELOCK: Okay. What  
 2. Sydne is talking about is when you look on page 2  
 3. of 10, we begin the discussion in Item 3 of Boiler  
 4. Records. And just so you know, gentlemen and  
 5. ladies, I had received comments from the board  
 6. members, and you will see your comments captured  
 7. in this document. For instance, Item G on the top  
 8. of page 3 of 10 was an item that Mr. Baughman  
 9. brought up, and I added it. If you don't see  
 10. specifically your comment, I think with the work  
 11. that Sydne did to reorganize the document, if the  
 12. reorganization answered your comment, it's just in  
 13. the reorganization of the document. Okay?  
 14. And if you see a comment that you  
 15. made that's not been addressed, then please voice  
 16. that.  
 17. But going back to Sydne's comment,  
 18. beginning with 3, Boiler Records, when you look on  
 19. the top of page 3 of 10, there's a note at the  
 20. bottom of that list of records saying "Note:  
 21. During the acceptance inspection by the Deputy  
 22. Inspector, or the Deputy Inspector's Designee, the  
 23. actual records listed above, since the last  
 24. internal inspection, shall be made available for  
 25. review."

1. Now, the reason we're saying that is  
 2. in developing this guide and checklist, we didn't  
 3. want Mr. Morrison to think that his manual has to  
 4. contain all of his records. His manual would be,  
 5. you know, pretty voluminous if we required that,  
 6. so as we see in our attendant rule variance  
 7. manual, there are examples of training documents;  
 8. there's examples of a boiler log; there's examples  
 9. of documents. And the same will apply to this  
 10. boiler inspection frequency variance. We want to  
 11. see examples of what those documents are going to  
 12. look like. It might be a form. It might be --  
 13. whatever that may be.  
 14. So then, that's why we've added the  
 15. note to the top of page 3 of 10, is that when the  
 16. deputy inspector actually makes that site visit,  
 17. then he will actually go and look, have access to  
 18. those actual records since your last internal  
 19. inspection.  
 20. Again, then when you go down to  
 21. Item 4, Boiler Water Treatment System, and then  
 22. 5 -- 5 and 6 all pertain to boiler water  
 23. treatment, we've also inserted that same note  
 24. again, that those records for not only boiler  
 25. repairs but also the water treatment system

1. records will be available for review as well.  
 2. And if there's a cleaner way of  
 3. stating that, we could just make a bullet item  
 4. that just says, "Note: During the acceptance  
 5. inspection, all the records since the last  
 6. internal inspection will be available for review."  
 7. I'm certainly willing to entertain that, as well,  
 8. to cover all the facets of this variance.  
 9. Yes, Mr. Morrison?  
 10. MR. MORRISON: I have a quick  
 11. question about that, though. You talked about in  
 12. the top of page 3, under 3, we have "f," which is  
 13. the safety valve certifications. If the safety  
 14. valves hadn't been certified, let's say -- it was  
 15. what, three years on the safety valves?  
 16. CHAIRMAN MORELOCK: Yes.  
 17. MR. MORRISON: So are you saying  
 18. that the certification would not be required the  
 19. second time that they came out and did an  
 20. inspection because they would have inspected that  
 21. certification from the previous one?  
 22. CHAIRMAN MORELOCK: That's a good  
 23. point. Well, here is the other thing, too, to  
 24. kind of muddy that water a little bit more, is  
 25. we're still wrestling with what the renewal

1. frequency should be. Our attendant rule is a  
 2. three-year. Typical ASMI and National Board  
 3. Certificates of Authorization renewals for three  
 4. years. But we're still -- we've got to come  
 5. together and collaborate on what is going to be an  
 6. appropriate renewal process.  
 7. In the instance of, like, your  
 8. situation where you're seeking an 18-month, a  
 9. three-year renewal would pretty much work that you  
 10. would to an internal. Then you would do an  
 11. internal at 18. And then when your internal came  
 12. up for the 36-month time frame, then your manual  
 13. would be up for renewal as well.  
 14. But if someone wants to stretch that  
 15. out to a 24-month, which that includes the  
 16. two-month grace period -- so it would be a 22- to  
 17. 24-month variance -- it wouldn't be as clean. So  
 18. I don't know that we've got a definitive answer on  
 19. that, but we've got to come up with something.  
 20. And what Sydne has written into this  
 21. one is that -- she doesn't really just say. It  
 22. just says that the Board will establish that  
 23. renewal right now even on a case-by-case basis.  
 24. And so we've got to decide, are we going to make  
 25. it a consistent renewal, or is it going to be on a

1. case-by-case basis? And that's where we've got to  
 2. collaborate and finalize that, hopefully today  
 3. because we've -- I mean, we've got -- now that  
 4. this has been signed into law, I have got to --  
 5. well, we have got to have a document in place by  
 6. July the 1st because the law will be in effect,  
 7. and certainly Domtar is going to be using this  
 8. thing immediately. And there may be others that  
 9. are going to be using this document.  
 10. So with that said, what should be a  
 11. proper renewal frequency? What are your thoughts?  
 12. MR. BAUGHMAN: Case by case,  
 13. personally. I mean, I'm throwing that out there  
 14. for discussion because the variance renewal time  
 15. is different for each one. Not everybody is going  
 16. for 18 months. Not everybody is going for  
 17. 24 months or what have you, so because it's not a  
 18. one-size-fits-all proposition, we can't make our  
 19. guidelines with that. So I would suggest that it  
 20. be on a case-by-case.  
 21. CHAIRMAN MORELOCK: Okay. What  
 22. does everybody else think? I don't have a problem  
 23. with that. The only other thought I had was that  
 24. once the variance is approved, that they would  
 25. have to have a renewal before their second

1. internal inspection. That way it would kind of  
 2. work out the same way. You couldn't go more than  
 3. two internal inspections without having a manual  
 4. review.  
 5. Yes?  
 6. MR. MORRISON: I believe most  
 7. states have that set up to where you have to be  
 8. granted a variance annually.  
 9. CHAIRMAN MORELOCK: Okay.  
 10. MR. MORRISON: So, you know, like,  
 11. our sequence right now is September. So in our  
 12. boiler, we shut down annually in September. So if  
 13. we wanted to go and get a variance before our  
 14. September shutdown, then we would ask for the  
 15. variance at one of the board meetings prior to  
 16. September and say, "Well, we were requesting to be  
 17. able to go beyond September." And then give the  
 18. board members or the Chief Inspector time to come  
 19. out, do the checklist and verify, come back to the  
 20. Board and say, yes, they're meeting all the  
 21. requirements. And his recommendation is that we  
 22. grant the variance. And then we would, I guess,  
 23. have the variance granted before the annual  
 24. shutdown.  
 25. Now, we're talking about -- I would

1. like to have it done in about six months -- at  
 2. least six months prior to the shutdown because of  
 3. all the shutdown planning that's involved with it.  
 4. I think everybody would agree that, you know, as  
 5. long as no conditions change within that six  
 6. months, that you should be granted that variance.  
 7. And I believe that's how most states  
 8. do it. And it's just like you stated, it's on a  
 9. case-by-case, so every year you would have to come  
 10. back. I don't think there's going to be a huge  
 11. number of boilers that are going to request this  
 12. variance.  
 13. CHAIRMAN MORELOCK: Well, and  
 14. that's the thing. We just don't know. I know you  
 15. read the Kingsport Times news, and, boy, there was  
 16. some dandy articles in there, but -- letters to  
 17. the editor -- but...  
 18. MR. MORRISON: Yes. We had to  
 19. respond.  
 20. CHAIRMAN MORELOCK: There was some  
 21. pretty strong opposition.  
 22. MR. MORRISON: But to your point, I  
 23. don't think they understood what the law was  
 24. saying, because when the --  
 25. CHAIRMAN MORELOCK: Well, I can

1. tell, from personal experience, one did, because I  
 2. met with him before they put the article in the  
 3. paper.  
 4. MR. MORRISON: The one that was the  
 5. chairman prior?  
 6. CHAIRMAN MORELOCK: Yes. But here  
 7. is the thing: I don't know that you would want to  
 8. have to come to the Board every 18 months and  
 9. renew your variance, or every year, would you?  
 10. MR. MORRISON: It's a one-day trip  
 11. for me. I mean, it's not that big of a deal. The  
 12. financial impact to us is huge compared to me  
 13. coming out for one day.  
 14. CHAIRMAN MORELOCK: Well, but it's  
 15. just more than that, though. I mean, it would be  
 16. coming to the Board annually and presenting your  
 17. manual annually, have an acceptance inspection  
 18. annually. So, I mean -- and granted, your cost  
 19. savings from what you've reported, it's still a  
 20. drop in the bucket, but we're trying to make this  
 21. to where it's safe but yet it's practical as far  
 22. as...  
 23. So, you know, Dr. Canonico had the  
 24. comment, too, is that for the attendant rule, the  
 25. process for it is that you need to submit a

1. request for renewal 180 days prior to the  
 2. expiration, so the six months, that's perfect. We  
 3. can certainly put that in here that you would need  
 4. to submit that. And we could do it on a  
 5. case-by-case basis, but we could just -- we could  
 6. put it -- I'm trying to think how we can -- so  
 7. would you want -- if you did that, if you had to  
 8. request a renewal 180 days before your variance  
 9. expires, that would put you at an annual review,  
 10. is really what that would do.  
 11. What do you think about that,  
 12. Dr. Canonico?  
 13. DR. CANONICO: Yeah. Could we pass  
 14. something that -- and change it later on if we had  
 15. to?  
 16. CHAIRMAN MORELOCK: Yes. I mean,  
 17. that's the beauty of this being -- this is not  
 18. legislation, so as we grow through this process  
 19. and learn more and kind of help people realize  
 20. that this is a very safe process, yes, we can  
 21. change this process over time.  
 22. DR. CANONICO: Then I would ask  
 23. you, what is satisfactory to you?  
 24. MR. MORRISON: Satisfactory to me  
 25. would be on a case-by-case basis. Because, again,

1. you know, I have to weigh it both ways.  
 2. DR. CANONICO: Sure.  
 3. MR. MORRISON: I'm not just the  
 4. power plant manager, but I'm also a resident in  
 5. the state of Tennessee. I want to make sure that  
 6. these boilers are safe. You know, I want to make  
 7. sure that the guy that owns the Laundromat or  
 8. whatever down the street is abiding by the rules.  
 9. CHAIRMAN MORELOCK: Right.  
 10. MR. MORRISON: So I would feel  
 11. comfortable doing it as an annual requirement,  
 12. because what I think may happen is, in the future,  
 13. I believe Domtar is going to reach out and try to  
 14. ask for a 24-month operating certificate at some  
 15. point.  
 16. MR. BAUGHMAN: On just the one  
 17. boiler?  
 18. MR. MORRISON: No. I believe  
 19. they're going to try to do it on both boilers and  
 20. then get on that rotation. But, you know, so if  
 21. we set something up, you know, to where it doesn't  
 22. fall into that sequence, that it's going to throw  
 23. everything off. So I would feel comfortable just  
 24. doing an annual, having it on a case-by-case basis  
 25. and reviewing it, and I would like to know, kind

1. of, what the -- this is kind of maybe too far down  
 2. the road -- but I would like to know what would be  
 3. the requirements for going 24 months versus  
 4. 18 months. What would be the difference? What  
 5. would, you know, you be looking for to be able to  
 6. grant the big-boy variance.  
 7. CHAIRMAN MORELOCK: Well, but the  
 8. content of the manual will be the same.  
 9. MR. MORRISON: Okay. But you see  
 10. what I'm saying?  
 11. CHAIRMAN MORELOCK: Yes.  
 12. MR. MORRISON: I would like to  
 13. understand that so we can make sure we're abiding  
 14. by that and make any changes that --  
 15. CHAIRMAN MORELOCK: Well, see, what  
 16. that will do is you'll still have to do an  
 17. external every six months.  
 18. MR. MORRISON: Yes, sir.  
 19. CHAIRMAN MORELOCK: So instead of  
 20. having two externals and an internal, then you  
 21. would have a three externals and an internal. You  
 22. know, that's the logistic change. And then that's  
 23. just going to go -- you're going to have to make  
 24. sure that all components of your program are --  
 25. you know, you've got good data for your risk-based

1. management part, your water quality looks good,  
 2. you know, all your training is up to date.  
 3. MR. MORRISON: And my point is  
 4. just, you know, what does that mean? You know, so  
 5. why couldn't I ask for a 24-month certificate now?  
 6. I'd want to --  
 7. CHAIRMAN MORELOCK: Well, there's  
 8. something stopping you.  
 9. MR. MORRISON: -- feel confident  
 10. first. Let us go easy. Let us get our feet wet,  
 11. get comfortable with that, and then, you know --  
 12. CHAIRMAN MORELOCK: Well, based on  
 13. the legislation, there's nothing stopping you from  
 14. doing that right now.  
 15. MR. BAUGHMAN: But I think that's a  
 16. good way to approach it, though.  
 17. MR. MORRISON: Yes. Because we're  
 18. the ones operating it. I mean, let's be honest.  
 19. If anything were to happen to that, we're the ones  
 20. that are going to be impacted the most. And so we  
 21. need to be truthful with ourselves and feel very  
 22. confident with ourselves before we even come  
 23. before the Board and say, "We feel confident we  
 24. can run this boiler for 18 months without an  
 25. internal inspection," and then come to you.

1. MR. ROBINSON: And your original  
 2. note did say 18 months.  
 3. MR. MORRISON: Yes.  
 4. MR. ROBINSON: That was the  
 5. original request.  
 6. CHAIRMAN MORELOCK: Yes.  
 7. MR. MORRISON: Yes.  
 8. MR. BAUGHMAN: Your item that's in  
 9. the agenda is 18 months, that's correct.  
 10. MR. MORRISON: Yes. That's what  
 11. we're asking.  
 12. DR. CANONICO: If you go case by  
 13. case, can someone accuse you of being prejudiced?  
 14. MR. ROBINSON: Yeah. Consistency.  
 15. DR. CANONICO: I gave you 20 months  
 16. or 24. Sam comes in and I say, "No, Sam. 12."  
 17. CHAIRMAN MORELOCK: Yeah, but  
 18. that's biblical. You have not because you ask  
 19. not. So if they ask for 18, that's what they're  
 20. going to get if they pass. If they ask for 24,  
 21. they'll get 24. We're not telling them what to  
 22. ask for.  
 23. DR. CANONICO: That's what you mean  
 24. by case by case.  
 25. CHAIRMAN MORELOCK: Yes. Yes.

1. DR. CANONICO: Okay. Can we say  
 2. that another way rather than case by case?  
 3. CHAIRMAN MORELOCK: Well, I think  
 4. Sydne's language is pretty good.  
 5. DR. CANONICO: Okay. I missed it.  
 6. CHAIRMAN MORELOCK: I'm trying to  
 7. see where she put that.  
 8. MR. ROBINSON: At the bottom of 3,  
 9. Boiler Program.  
 10. DR. CANONICO: Boiler Inspections,  
 11. Number 2?  
 12. MR. ROBINSON: No, that's not it.  
 13. DR. CANONICO: Oh, bottom of 3.  
 14. I'm sorry.  
 15. MS. EWELL: It's on page 1 of 10.  
 16. "If a variance is approved, the Board will  
 17. determine the expiration date keeping in mind that  
 18. an inspection certificate is valid for power  
 19. boilers for 24 months." Or the very first  
 20. sentence says, "The Board may grant a variance by  
 21. determining whether or not an applicant's program  
 22. will satisfy the degree of safety desired  
 23. considering the period of time requested."  
 24. CHAIRMAN MORELOCK: So we could  
 25. just leave your words the way they are.

1. DR. CANONICO: Yeah. I think as  
 2. long as you leave something in there saying "as  
 3. requested" as opposed to "case by case." I think  
 4. that takes care of my concern that, you know,  
 5. someone could come back and accuse us of giving  
 6. him 24 months and giving you 12 months. But if  
 7. you ask for 12, you get 12. You ask for 24, you  
 8. get 24. I have no problem with that.  
 9. CHAIRMAN MORELOCK: So we'll just  
 10. leave Sydne's language as is. I think that reads  
 11. fine.  
 12. MR. MORRISON: And that was  
 13. actually a concern when we were drafting the bill.  
 14. The concern was brought up that, you know, if you  
 15. leave the decision for the variance in the hands  
 16. of the chief boiler inspector, I believe the chief  
 17. boiler inspector is a governor-appointed position.  
 18. MS. JEFFERSON: No.  
 19. MR. MORRISON: Oh, okay. Well, I  
 20. thought that's what it was. And then there was  
 21. some discussion brought --  
 22. CHAIRMAN MORELOCK: That was dealt  
 23. with in the '40s, that it wasn't a political  
 24. plumb. It's a technical job.  
 25. MR. MORRISON: Okay. There was

1. some concern there that the perception might be  
 2. that, you know, the chief inspector might show  
 3. some favoritism to some company over another  
 4. company. So the Board, I think, was the  
 5. determining, sanctioning body rather than the  
 6. chief inspector, is what we agreed to.  
 7. DR. CANONICO: As long as it's  
 8. stated that whatever you ask for is what we mean  
 9. by "case by case," I have no problem with that.  
 10. CHAIRMAN MORELOCK: Well, we're not  
 11. going to use the words "case by case." We're just  
 12. going to let Sydne's words stand.  
 13. DR. CANONICO: That's fine.  
 14. CHAIRMAN MORELOCK: If that's what  
 15. you ask for, that's what we'll review. I mean,  
 16. the thing is, if you ask for 24 and we review your  
 17. manual, we're not going to say, "Well, we don't  
 18. like your inspection processes. We're going to  
 19. knock you back to 18 months." We're not going to  
 20. do that.  
 21. DR. CANONICO: We'll either accept  
 22. you or turn you down.  
 23. CHAIRMAN MORELOCK: Exactly. It's  
 24. a go or a no-go.  
 25. MR. MORRISON: I should have asked

1. for 18 months.  
 2. DR. CANONICO: Next time he'll ask  
 3. for 18.  
 4. MR. JACKSON: One quick question,  
 5. Mr. Chairman.  
 6. CHAIRMAN MORELOCK: Yes, sir.  
 7. MR. JACKSON: The checklist. Is  
 8. the acceptance of the variance based on the fact  
 9. that the checklist has been verified and  
 10. completed?  
 11. CHAIRMAN MORELOCK: Yes.  
 12. MR. JACKSON: Because I see in the  
 13. checklist there's a before, during, and after  
 14. activity.  
 15. CHAIRMAN MORELOCK: Right.  
 16. MR. JACKSON: So what is required  
 17. of the inspector for his part of accepting the  
 18. program, I guess I would say.  
 19. CHAIRMAN MORELOCK: Well, it will  
 20. be similar to the attendant rule, is that the  
 21. company will bring their program to the Board.  
 22. We'll review it, and then, as always, the approval  
 23. of the Board will be contingent on comments made  
 24. during the board meeting and the acceptance  
 25. inspection by the deputy inspector once the visit

1. is made to the site.  
 2. MR. JACKSON: Yeah, but that  
 3. checklist has a before, during, and after  
 4. activity. So when does he submit his checklist  
 5. for acceptance by the Board?  
 6. CHAIRMAN MORELOCK: Well, I mean,  
 7. he'll need to submit it with the program, and  
 8. then -- I guess, show me an example of where  
 9. there's something that --  
 10. DR. CANONICO: What number?  
 11. CHAIRMAN MORELOCK: Yeah. What...  
 12. Are you, like, looking at Number 39,  
 13. "Does the boiler water treatment system include  
 14. periodic testing/calibration by the manufacturer  
 15. or third party?" Because, I mean, they can  
 16. describe that in the program, but then you would  
 17. verify it in the field when you make the site  
 18. visit.  
 19. MR. JACKSON: I had an example.  
 20. Just a minute.  
 21. CHAIRMAN MORELOCK: And while I'm  
 22. looking at this -- actually, if you'll look at  
 23. Item 40, "Does the program prevent unauthorized  
 24. access?" That's kind of a holdover from the  
 25. variance. So we could actually probably take 40

1. out. I thought I had caught most of those. Sydne  
 2. found a few where I had left some in.  
 3. MR. JACKSON: I had one but  
 4. scanning real quickly now, I don't...  
 5. CHAIRMAN MORELOCK: Okay.  
 6. MS. EWELL: Mr. Chairman, while  
 7. he's looking for that, did you want to discuss  
 8. page 5 of 10 that has your diagram that you put in  
 9. there?  
 10. CHAIRMAN MORELOCK: Yeah, we can do  
 11. that.  
 12. Neil, just jump in when you find one.  
 13. MR. JACKSON: Okay.  
 14. MS. EWELL: As well as the steps  
 15. for a boiler inspection variance request draft.  
 16. And, also, I would like to note that we would like  
 17. to add "or chief inspector's designee" in 1, 2, 3,  
 18. 4, and 6.  
 19. CHAIRMAN MORELOCK: 1, 2, 3, 4, and  
 20. 6?  
 21. MS. EWELL: Yes. This is on the  
 22. steps for a boiler inspection variance request.  
 23. The question is whether or not you wanted to have  
 24. the flowchart on page 5 or 10, or have this  
 25. information, or both.

1. CHAIRMAN MORELOCK: Sydne emailed  
 2. out this document that's got eight steps for the  
 3. flowchart. And so this flowchart that you see on  
 4. page 5 of 10 is the same flowchart we have for the  
 5. attendant rule process.  
 6. MS. EWELL: Which is incorrect for  
 7. this purpose.  
 8. CHAIRMAN MORELOCK: Yes. And so  
 9. what we can do is we can take this list and  
 10. convert it into a flowchart. We can use it as a  
 11. list.  
 12. Sydne and I talked about this  
 13. yesterday. She was shocked when I told her that  
 14. most people don't read all this stuff. And so,  
 15. you know, I can understand, because she loves to  
 16. read. But some people just jump in and do it.  
 17. We need a one-page something to walk  
 18. people through the process. So would you rather  
 19. have a list or a flowchart? That's my question.  
 20. MR. BAUGHMAN: List for me.  
 21. CHAIRMAN MORELOCK: List? What  
 22. about you, Dr. Canonico? Are you a list or a  
 23. flowchart person?  
 24. DR. CANONICO: A list sounds good.  
 25. CHAIRMAN MORELOCK: Okay. Eugene?

1. MR. ROBINSON: I read the list. It  
 2. was very simple.  
 3. CHAIRMAN MORELOCK: Okay. All  
 4. right. So I have no problems taking this list and  
 5. replacing the flowchart with it. Is everybody  
 6. okay with that?  
 7. (Response in the affirmative.)  
 8. CHAIRMAN MORELOCK: All right. So  
 9. we'll just put -- Sydne's already got it formatted  
 10. real nice. We will insert your list in place of  
 11. the flowchart. This will become page 5 of 10.  
 12. MS. EWELL: Yes. With additions of  
 13. "or Chief Inspector's Designee."  
 14. CHAIRMAN MORELOCK: Okay.  
 15. MS. EWELL: And I gave our court  
 16. reporter one, so...  
 17. CHAIRMAN MORELOCK: Okay. All  
 18. right. So that will replace the flowchart. Okay.  
 19. Very good.  
 20. Does anybody have any comments that  
 21. we need to address? I know we've got some text  
 22. that's struck out and things like that and some  
 23. renumbering we need to do, but is there any other  
 24. content items that we need to capture?  
 25. Yes?

1. MR. MORRISON: On Item 39, I think  
 2. it got cut off. It's supposed to say, "Does the  
 3. boiler water treatment system include periodic  
 4. testing/calibration by the manufacturer or third  
 5. party?"  
 6. CHAIRMAN MORELOCK: Yeah, third  
 7. party. We need to add the word "party."  
 8. MR. MORRISON: And did the  
 9. answers -- if any of the answers to any of this  
 10. checklist is a no, does that mean that the  
 11. variance is not going to be approved?  
 12. MR. BAUGHMAN: Maybe.  
 13. CHAIRMAN MORELOCK: Well, you know,  
 14. we're not going to tell you how to build your  
 15. program. We're going to tell you what the content  
 16. of the program needs to be. And so if there's  
 17. some things that -- if you have some methods that  
 18. maybe doesn't require the things that are  
 19. suggested here, you could put no. But you'll have  
 20. to have a really good explanation for why you're  
 21. saying that.  
 22. MR. MORRISON: Okay. I understand.  
 23. CHAIRMAN MORELOCK: That's like  
 24. Sydne and I, we discussed -- like, if you'll look  
 25. on page 3 of 10 about -- well, it's before you get

1. into the overview and introduction. It says, "An  
 2. applicant's program should be in a three-ring  
 3. binder with a table of contents, revised table of  
 4. contents, if required, overview and introduction  
 5. with a sectional page numbering system."  
 6. This is a suggestion. That's why  
 7. it's a "should" instead of a "shall." We're not  
 8. going to tell you how to put the manual together.  
 9. It's just with our experience, that would probably  
 10. be a good idea to make it easier for you.  
 11. MR. MORRISON: Okay. One of my, I  
 12. guess, concerns was in multiple times in here it  
 13. talks about the operator's training, like on  
 14. page 6, Item Number 8, it says, "Does the program  
 15. clearly describe minimum qualifications, training,  
 16. including continuing education, and the duties to  
 17. which the personnel responsible for the boiler  
 18. operation?"  
 19. The continuing education part, I was  
 20. thinking, you know, we may not document an  
 21. operator that goes out and gets continuing  
 22. education outside of our facility. Do you see  
 23. what I'm saying? So if he goes to a community  
 24. college and starts taking community classes, that  
 25. may not be documented in the program.

1. Now, any training that we do within  
 2. the facility, we would be documenting. But one --  
 3. just one that came to my mind was I just went to a  
 4. Biomass Boiler workshop, and it was a three-day  
 5. seminar, slash, sales pitch on Biomass boilers.  
 6. And it was actually -- you know, you could get  
 7. continuing education credit for it. Now, that  
 8. wasn't documented at all for me, and I don't know  
 9. that we have a system in place to document it.  
 10. But, you know, if it's on the checklist, we want  
 11. to make sure that we're following it.

12. And my question is, you know, the  
 13. continuing education, I guess, what constitutes  
 14. that? Is it education outside of training that we  
 15. are already doing?

16. CHAIRMAN MORELOCK: Well, again, we  
 17. as a Board can't tell you how you accomplish that,  
 18. but -- especially with the fact that we're going  
 19. to be extending boiler run times. Certified --  
 20. not certified, but certainly well-trained,  
 21. qualified operators is going to be even more  
 22. important than it is right now.

23. MR. MORRISON: Oh, sure.

24. CHAIRMAN MORELOCK: So you're just  
 25. going to have to sit down as a company -- anybody

1. that does this is going to have to sit down as a  
 2. company and say, "Okay. What are we going to  
 3. provide for our personnel to make sure that  
 4. they're properly qualified to operate a boiler?"  
 5. And we're going to kind of leave it at that for  
 6. you.

7. MR. MORRISON: Okay.

8. CHAIRMAN MORELOCK: Do y'all agree  
 9. with that? Because right now, in the state of  
 10. Tennessee, we have no -- you know, there's no  
 11. boiler certification requirements.

12. MR. MORRISON: Right. Hopefully we  
 13. can change that because --

14. CHAIRMAN MORELOCK: Yeah. So we're  
 15. working on that, but we have no teeth to make that  
 16. happen. So it's a suggestion, but it's going to  
 17. weigh into the fact -- you saw the conversations  
 18. we had with the attendant rule.

19. MR. MORRISON: Sure.

20. CHAIRMAN MORELOCK: Same situation.  
 21. You know, you've got security guards that could be  
 22. in a fistfight when the boiler alarm goes off.

23. Dr. Canonico has got a big concern about that.

24. MR. MORRISON: And he should. I  
 25. mean, I agree.

1. MR. BAUGHMAN: I appreciate your  
 2. technical background, for one, because you  
 3. appreciate the whole safety aspect of what's going  
 4. on, too. I know it's a monetary proposition.  
 5. That's kind of what's driving the whole mechanism.  
 6. But you appreciated everything that goes along  
 7. with that, and we do, too.

8. MR. ROBINSON: Consider using all  
 9. the tools from your company. Your infrastructure  
 10. is really already in place. Your HR, naturally  
 11. they -- if you -- I'm sure that this Biomass  
 12. school that you went to gave you a certificate.  
 13. In reality, in the old days, you would hand that  
 14. certificate to your HR rep and it goes inside your  
 15. personnel folder.

16. And in reality, you could use them as  
 17. a mechanism to chart any external training for  
 18. anyone.

19. CHAIRMAN MORELOCK: Well, I mean, I  
 20. know at Eastman, any external training we take,  
 21. especially if you're going to a community college  
 22. or a graduate school or a four-year school, those  
 23. are actually put into your personnel folder. And  
 24. even through ASME now, when we have our code  
 25. meetings, we issue sign-up sheets where people can

1. sign up for so many PDHs for attending this  
 2. particular meeting. And so those would go in your  
 3. training records as well.

4. MR. BAUGHMAN: We do that both on  
 5. the job site and at our boiler training school.  
 6. Everybody that passes gets a certificate.

7. MR. MORRISON: Right now we are  
 8. trying to -- we're implementing a program that  
 9. we're actually going to be having a simulator, so  
 10. we have a DCS simulator. And we'll be doing  
 11. training with the simulator, because the reality  
 12. is that we don't do a lot of transients with the  
 13. boiler. It just runs. And so you lose that  
 14. ability to train on the job. So by having this  
 15. simulator -- but, you know, that's -- I think  
 16. we'll be documenting that for the training. But  
 17. the outside training such as, like, the workshop,  
 18. maybe we'll just have to do just like you said and  
 19. grab the certificate and just bring it to HR.

20. MR. BAUGHMAN: I've got one thing  
 21. that I wanted to -- I wish I could bring up that's  
 22. within your system, because you operate a separate  
 23. DA for each one of your boilers; is that correct?

24. MR. MORRISON: Yes.

25. MR. BAUGHMAN: And the DA needs to

1. get on the same schedule as the boiler, because if  
 2. the DA gets out of sync with our renewal of our  
 3. variance, we've got to take the DA down by code to  
 4. get its inspection. And if it's due for an  
 5. inspection and the boiler is not, then everything  
 6. won't match up. So we need to make sure in this  
 7. whole process that the DA doesn't get out of sync  
 8. with the inspection of the boiler.  
 9. CHAIRMAN MORELOCK: Well, and  
 10. technically, if you go with a 24-month program  
 11. your DA will always be on schedule because it's  
 12. required by law to take it down every --  
 13. MR. BAUGHMAN: Right.  
 14. MR. MORRISON: But it goes beyond  
 15. just the DA.  
 16. CHAIRMAN MORELOCK: Right.  
 17. MR. MORRISON: I mean, at the  
 18. chemical plant, that was part of my job, is to --  
 19. I had the inspector that -- we have a third-party  
 20. company that helps us manage our vessel  
 21. inspections. And I said, "Give me the list.  
 22. Let's go through them and figure out, okay, if we  
 23. go 18 months, are we going to violate any vessel  
 24. inspection and then have to take it down any way?"  
 25. And so we worked it out. And that's

1. verified. Would that not be an ongoing-type thing  
 2. during the outage?  
 3. CHAIRMAN MORELOCK: No. This is  
 4. when you're doing your consequence of failure and  
 5. likelihood of failure. This is when you're doing  
 6. risk-based inspection processes.  
 7. MR. JACKSON: Do they have a risk  
 8. base?  
 9. CHAIRMAN MORELOCK: Yes. You're  
 10. going to have to have a risk-based inspection  
 11. program if you're going to extend this internal  
 12. inspection frequency.  
 13. MR. JACKSON: Correct.  
 14. CHAIRMAN MORELOCK: So this is  
 15. where you're going to have somebody that sits down  
 16. and they're going to look at all the equipment  
 17. records. They're going to look at the chemicals  
 18. in the -- well, chemicals in the vessels or the  
 19. contents of the boiler. They're going to look at  
 20. NDE records. They're going to look at all this  
 21. information to establish those matrixes so that  
 22. they can run the calculations to determine that  
 23. the 18-month or 24-month inspection frequency is  
 24. valid. And all of that will be documented in the  
 25. program manual.

1. going to be a juggling act because, you know, what  
 2. we're going to be doing now is we're looking at  
 3. vessels that aren't required to be inspected,  
 4. let's say, in -- or they're coming up for  
 5. inspections in 2015. Well, we're going to go  
 6. ahead and inspect them this time and then start it  
 7. all over again. And that's the list that I had  
 8. going.  
 9. MR. BAUGHMAN: Well, and that's  
 10. what we need to have, is an analyzation in this  
 11. process, because we're just looking at the boiler  
 12. itself. But we need to make sure that we  
 13. synchronize the other part of the system, being  
 14. the DA. The rest of the pressure vessels are kind  
 15. of outstanding from that, but the DA being  
 16. integral with the boiler, we need to make sure  
 17. that things don't get out of whack.  
 18. Now, how we incorporate that in, I  
 19. don't know. But...  
 20. CHAIRMAN MORELOCK: Well, that's  
 21. just part of the growing pains.  
 22. MR. JACKSON: Mr. Chairman?  
 23. CHAIRMAN MORELOCK: Yes.  
 24. MR. JACKSON: Page 8, Item 23, just  
 25. questioning how or when this is documented,

1. MR. JACKSON: Well, that's what I  
 2. was looking for, the risk-based type, as you just  
 3. pointed out, information to satisfy this 23 item.  
 4. CHAIRMAN MORELOCK: Well, 22 says,  
 5. "Does the boiler risk-based inspection program  
 6. meet the requirements of the ASME code and NBIC?"  
 7. And then 23 builds off of that.  
 8. MR. JACKSON: True. True.  
 9. CHAIRMAN MORELOCK: And then the  
 10. NDE process is built off of that.  
 11. MR. ROBINSON: And he originally  
 12. submitted that when he first came before the  
 13. Board. He had that information and pointed out  
 14. critical items and corrosion rates and --  
 15. CHAIRMAN MORELOCK: Erosion and --  
 16. MR. ROBINSON: -- locations in the  
 17. boiler.  
 18. MR. JACKSON: Okay. I don't  
 19. remember seeing that.  
 20. CHAIRMAN MORELOCK: Well, they  
 21. didn't have copies. They just presented the  
 22. program to us.  
 23. Okay. So are there any additional  
 24. comments that we need to add to the guides or the  
 25. checklist? Do you feel like if we clean this up

1. and then send it out for review that this will be  
 2. a good first step for our new guide and checklist?  
 3. Because like Dr. Canonico asked, I  
 4. mean -- you know, we've talked about this -- Sydne  
 5. and I have talked about this a lot, too -- is we  
 6. want to make sure the public understands that this  
 7. is a very safe process. And so we're going to  
 8. take some baby steps right out of the gate. And  
 9. then as we gain knowledge, then we may make some  
 10. revisions to this based on what we learn. But  
 11. right now we just want to make sure that when this  
 12. comes out that anyone that would download this and  
 13. read it would realize that safety is paramount  
 14. with this process.  
 15. MR. BAUGHMAN: There's just one  
 16. other thing that I would add, and it's not a  
 17. pass/fail type of thing, but we just talked about  
 18. it briefly, was the communication with whoever the  
 19. boiler inspector may be, if it's an insurance  
 20. inspector in particular, of having some  
 21. communication with them. Has the boiler  
 22. inspector -- is the boiler -- I don't know how to  
 23. word it. But basically, what I'm looking at is  
 24. having communication with the boiler inspector  
 25. who's intimate with the particular facility, has

1. he been communicated to know what's going on?  
 2. Because he's got to be intimate with everything  
 3. along the way.  
 4. In other words, taking Domtar out of  
 5. it, but let's say we've got Company A, who is  
 6. going through this process, and it's coming before  
 7. the Board, but the boiler inspector is left out.  
 8. He hasn't been notified at all. And the insurance  
 9. company, if it's an insurance inspector,  
 10. particularly if it's a state inspector, they're  
 11. going to know what's going on. But if it's  
 12. insurance, there should be some communication  
 13. there with the company, with the insurance, out of  
 14. nothing but courtesy.  
 15. CHAIRMAN MORELOCK: Okay. So under  
 16. Boiler Inspection on page 8 of 10, we've struck  
 17. out a couple of items there, but we could add an  
 18. item back in to say, "Has the owner/user notified  
 19. the authorized inspection agency of their request  
 20. for this variance?" Or something like that.  
 21. MR. BAUGHMAN: Sounds good.  
 22. MR. ROBINSON: Very nice.  
 23. MR. MORRISON: And the way I  
 24. understand it, we have to -- you know, this is  
 25. twofold. I mean, we have to get approval from the

1. State. But we also have to get approval from the  
 2. insurance company, so, you know, we've already got  
 3. that on our side.  
 4. MR. BAUGHMAN: And that's the whole  
 5. reason for this, is that the insurance -- if it's  
 6. insurance, and we're taking for granted it's going  
 7. to be in the case, because the State is already  
 8. going to know if it's within their entity -- but  
 9. if it's through insurance, they need to be on  
 10. board with it, too, in whatever form or fashion.  
 11. So this is more of those checks and  
 12. guidelines. Have they been contacted? Yes. Have  
 13. they been contacted? No. If not, the suggestion  
 14. is going to be contact them. Is the program going  
 15. to be approved or denied, or denied because of  
 16. they had been contacted? No. It's not --  
 17. DR. CANONICO: It might be  
 18. contingent.  
 19. MR. BAUGHMAN: It might be  
 20. contingent upon it, but by all means, the  
 21. inspection agency needs to be aware of what's  
 22. being approved.  
 23. CHAIRMAN MORELOCK: So what if I  
 24. put an item under Boiler Inspection, "Has the  
 25. owner/user notified and obtained agreement with

1. their third-party authorized inspection agency?"  
 2. Would that be okay?  
 3. MR. ROBINSON: Yes.  
 4. MR. BAUGHMAN: Yes.  
 5. CHAIRMAN MORELOCK: All right.  
 6. Anything else?  
 7. MS. EWELL: Is that going to be  
 8. included in the narrative?  
 9. MR. ROBINSON: Checklist.  
 10. CHAIRMAN MORELOCK: Let's see. If  
 11. we put it in the narrative -- I'm trying to see  
 12. where we would put it in the narrative. I don't  
 13. know that the narrative gets that deep into the  
 14. nuts and bolts of it.  
 15. MS. EWELL: Well, everything that's  
 16. in the narrative is in the checklist.  
 17. CHAIRMAN MORELOCK: Okay.  
 18. MS. EWELL: It should be. That was  
 19. the goal.  
 20. CHAIRMAN MORELOCK: Okay. I tell  
 21. you what we can do is what if we put it under the  
 22. overview of the boiler operating inspection and  
 23. maintenance program. Would that be...  
 24. MR. BAUGHMAN: Yeah, that's --  
 25. CHAIRMAN MORELOCK: Right there?

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1. MR. ROBINSON: That's good.  
2. CHAIRMAN MORELOCK: Okay. I'll put  
3. a note to add that text in there.  
4. MR. JACKSON: Mr. Chairman, would  
5. that be the authorized inspection agency or the  
6. company responsible for the inservice inspection?  
7. MR. ROBINSON: They're the same.  
8. CHAIRMAN MORELOCK: That's what I  
9. was thinking.  
10. MR. JACKSON: No, not necessarily.  
11. MS. EWELL: We have all these  
12. requirements in the rules, so is it necessary to  
13. be in the checklist?  
14. MR. ROBINSON: The authorized  
15. inspection agency isn't the same as the -- I don't  
16. want to use the term too loose and say insurance  
17. company, but in reality, the insurance company  
18. employs the authorized inspector. He in turn  
19. performs the in-service inspection on occasion  
20. unless the client designates that he would prefer  
21. to have an independent inspection by a state  
22. inspector.  
23. I'm asking you that question. I  
24. don't -- that's what I think.  
25. CHAIRMAN MORELOCK: Okay. If I put

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1. "authorized inspection agency/in-service  
2. inspection agency," would that --  
3. MR. JACKSON: Yes.  
4. CHAIRMAN MORELOCK: It almost  
5. sounds redundant, but --  
6. MR. ROBINSON: That's good. That  
7. will work, too. Yeah, that will work.  
8. CHAIRMAN MORELOCK: Okay. All  
9. right. I'll add that text to the overview under  
10. boiler operating inspection and maintenance  
11. program, and I'll also make sure I make that  
12. change under Boiler Inspection as well.  
13. Anything else?  
14. (No verbal response.)  
15. CHAIRMAN MORELOCK: All right.  
16. Hearing none, do I have amotion to approve this?  
17. DR. CANONICO: So made.  
18. CHAIRMAN MORELOCK: All right.  
19. Second?  
20. MR. ROBINSON: Second.  
21. CHAIRMAN MORELOCK: All right.  
22. Last call for comments. Speak now or forever hold  
23. your peace. All right. All in favor?  
24. (Response in the affirmative.)  
25. CHAIRMAN MORELOCK: Opposed?

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1. (No verbal response.)  
2. CHAIRMAN MORELOCK: Abstentions,  
3. not voting?  
4. (No verbal response.)  
5. CHAIRMAN MORELOCK: All right.  
6. We'll clean this up and get this -- I will clean  
7. my copy up and send it to you-all. And I'll send  
8. you my native files, and we'll go from there.  
9. MR. BAUGHMAN: My thanks to you,  
10. Sydne, for working on this. You, also, were such  
11. an integral part in your input.  
12. MS. EWELL: You're welcome.  
13. CHAIRMAN MORELOCK: Well, Sydne  
14. sure made it look nice. She did a lot of work on  
15. this, so...  
16. DR. CANONICO: I have a request.  
17. CHAIRMAN MORELOCK: Yes?  
18. DR. CANONICO: If we have a special  
19. meeting for the state special --  
20. CHAIRMAN MORELOCK: Yes.  
21. DR. CANONICO: I don't know if we  
22. will or won't. That's neither here nor there.  
23. But if we did, could this gentleman come in and  
24. make his presentation at that meeting? It would  
25. be an open meeting, right? Or you'd need the

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1. 45 days.  
2. CHAIRMAN MORELOCK: Well, we'd have  
3. to meet the 45 days prior to the special meeting,  
4. because we would have to have time to review all  
5. the documents. But to answer your question, yes.  
6. I mean, you could.  
7. MR. BAUGHMAN: Would it not have to  
8. be after July?  
9. CHAIRMAN MORELOCK: Yes. It would  
10. have to be after July 1st, yes.  
11. DR. CANONICO: That would take it  
12. into August, September. After July 1st, can he  
13. even make the September meeting?  
14. CHAIRMAN MORELOCK: Yeah, he can  
15. make the September meeting after July 1st. You've  
16. got 45 days.  
17. DR. CANONICO: You've got August --  
18. CHAIRMAN MORELOCK: You'd have to  
19. come in, like, the middle of August.  
20. DR. CANONICO: You've got all of  
21. July and August --  
22. CHAIRMAN MORELOCK: Yes. But it  
23. would have to be --  
24. DR. CANONICO: But that's the  
25. soonest you could get here.

1. CHAIRMAN MORELOCK: The middle of  
2. July would be when the manual would have to be  
3. submitted, and the Board --

4. DR. CANONICO: Yeah. And the  
5. sooner you get -- as soon as you can get here is  
6. within two weeks of our next meeting, so it's not  
7. going to give you much of an advantage. I was  
8. just thinking if we could expedite your needs, but  
9. it won't give you that much of an advantage.

10. MR. MORRISON: Yeah. That's my big  
11. concern, is that, you know, I don't do something  
12. in time, and then, you know, it's no variance.  
13. Not because you guys don't want to grant it. It's  
14. because I didn't present something to you in time,  
15. so I want to make sure that I'm following --

16. CHAIRMAN MORELOCK: Well, I mean,  
17. once we publish this checklist, if you satisfy the  
18. checklist and the law, obviously, the law and the  
19. checklist, then --

20. MR. MORRISON: Okay. My plan is to  
21. bring a program before you at the next meeting in  
22. September.

23. CHAIRMAN MORELOCK: In September.  
24. Okay.

25. MR. BAUGHMAN: I look forward to

1. that.

2. CHAIRMAN MORELOCK: And so what  
3. we'll do is 14-01 will be an action item on the  
4. September agenda for your approval. Okay? All  
5. right.

6. DR. CANONICO: Are we going to have  
7. the usual September meeting? Or is it going to be  
8. an inspectors meeting?

9. CHAIRMAN MORELOCK: There won't be  
10. a fall conference.

11. DR. CANONICO: That answers my  
12. question.

13. CHAIRMAN MORELOCK: Okay. We're  
14. late, I know. I appreciate indulging this full  
15. agenda. As far as the discussion items, we know  
16. that the House Bill, Senate Bill, it's passed. It  
17. is law.

18. The reorganization of Rule 803-3, for  
19. the risk of being lynched, we will not go through  
20. this today. Okay? So please read through this  
21. because this is just a discussion item. I'm going  
22. through it again to make sure that I've got all  
23. the code references in it.

24. We're also working through -- that's  
25. where you're going to see the increases in the

1. fees that were requested. And based on  
2. conversations that we've had today, just continue  
3. to review this. We'll continue to collaborate  
4. through email on the rules. And try to have  
5. something ready by the September meeting to vote.  
6. That's our plan. Okay?

7. DR. CANONICO: And be sure you get  
8. yours in by the middle of July.

9. CHAIRMAN MORELOCK: There are no  
10. rule cases and interpretations and our next  
11. meeting will be September 3rd, right here, unless  
12. we have a called meeting from the item that was  
13. discussed previously.

14. Having no other business -- yes?

15. MR. BUTLER: I had a question.

16. CHAIRMAN MORELOCK: Okay.

17. MR. BUTLER: The vessel we were  
18. discussing earlier, I've talked to the plant and  
19. got a history on the vessel.

20. CHAIRMAN MORELOCK: Okay.

21. MR. BUTLER: It was actually  
22. installed in 2009. They actually operate at  
23. 13 psi.

24. CHAIRMAN MORELOCK: 13 psi? Well,  
25. then, it's -- really?

1. MR. BUTLER: What I was wondering  
2. is as long as he puts things into place it could  
3. keep running at 13 psi. Is it okay if he runs  
4. it --

5. CHAIRMAN MORELOCK: Yes. Because  
6. it's exempt from state requirement.

7. MR. BUTLER: Okay. That's what I  
8. was hoping I could go back and tell him.

9. CHAIRMAN MORELOCK: Yes.

10. MR. BUTLER: Because I know they've  
11. already contacted Inspector Spangler.

12. CHAIRMAN MORELOCK: Yes. As long  
13. as it runs 15 or less --

14. MR. BUTLER: Well, he said he would  
15. put whatever relief valves or whatever he had to  
16. to ensure that it didn't go above 15.

17. DR. CANONICO: And that's outside  
18. the scope of the code.

19. CHAIRMAN MORELOCK: Okay. Well,  
20. let me ask you this: Over the long haul, will it  
21. always operate at 15 psi?

22. MR. BUTLER: Well, what it is, is  
23. he said if I shut down for a day, I shut down for  
24. 21 days --

25. CHAIRMAN MORELOCK: Right.

1. MR. BUTLER: -- because he said we  
 2. have to reload all our catalysts. And he said, "I  
 3. can operate until our scheduled shutdown in March  
 4. at 13 pounds." Then he said, "Then we can go back  
 5. and do all of our evaluations and resubmit then."  
 6. CHAIRMAN MORELOCK: So what would  
 7. he normally want to operate at?  
 8. MR. BUTLER: He said he's been  
 9. operating it at 13 pounds for the past three  
 10. years, so...  
 11. CHAIRMAN MORELOCK: Well, if he  
 12. never exceeds 15, it doesn't even need to come to  
 13. us. It's exempt.  
 14. MR. BUTLER: But I will get with  
 15. him and make sure that he doesn't have a process  
 16. that may go above it.  
 17. CHAIRMAN MORELOCK: Okay.  
 18. MS. JEFFERSON: Is that for the  
 19. previous vessel and the current vessel?  
 20. CHAIRMAN MORELOCK: So was the  
 21. previous vessel operated at 15 or less?  
 22. MR. BUTLER: That's what he told  
 23. me. And they took it out in 2009 and he said --  
 24. DR. CANONICO: It's got a stamp on  
 25. it, doesn't it?

1. CHAIRMAN MORELOCK: Yeah.  
 2. DR. CANONICO: So it's no problem.  
 3. MR. BUTLER: And he said it has  
 4. some broke brackets on it. He said as far as the  
 5. vessel itself, there wasn't anything wrong, so...  
 6. CHAIRMAN MORELOCK: Okay. Yeah, I  
 7. mean, if you read 68-122-105, I think, are the  
 8. exemptions.  
 9. MR. BUTLER: Right.  
 10. CHAIRMAN MORELOCK: If it's 15 or  
 11. less, it's exempt from --  
 12. MR. BUTLER: He told me it was at  
 13. 13.2.  
 14. CHAIRMAN MORELOCK: Yeah. As long  
 15. as he keeps it below 15, he can run.  
 16. DR. CANONICO: If you've got a  
 17. record that you've been doing that, then you can  
 18. avoid being fined.  
 19. MR. BUTLER: Right. But I didn't  
 20. ask him what he was actually operating at.  
 21. CHAIRMAN MORELOCK: That's good  
 22. news.  
 23. DR. CANONICO: That will save you a  
 24. dollar or two.  
 25. MR. BUTLER: I appreciate

1. your-all's time.  
 2. MS. JEFFERSON: Mr. Chairman, I had  
 3. one more question. When did --  
 4. CHAIRMAN MORELOCK: Wait a minute.  
 5. MS. EWELL: My note?  
 6. CHAIRMAN MORELOCK: Yes, I got your  
 7. note. Sydne sent me a note about this pertaining  
 8. to boilers. Our rules are boiler rules, but they  
 9. apply to pressure vessels as well.  
 10. MS. EWELL: That was the definition  
 11. for Neil's clarification, for the record.  
 12. CHAIRMAN MORELOCK: Kim has got a  
 13. question. All right. Now, I'm sorry.  
 14. MS. JEFFERSON: I'm sorry. I just  
 15. wanted to find out, were you able to find out when  
 16. the replacement vessel started operating?  
 17. MR. BUTLER: The one that's  
 18. installed now, in 2009.  
 19. MS. JEFFERSON: So it was 2009.  
 20. MR. BUTLER: That was their  
 21. scheduled shutdown. And then they shut down in  
 22. 2012, and they're scheduled to shut down in 2015,  
 23. so he said he would operate it at 13 pounds at  
 24. least until then. And then if he wanted to go up,  
 25. we could discuss it then, after we inspect the

1. vessel.  
 2. MR. BAUGHMAN: And it has been  
 3. operating at 13 psi --  
 4. MR. BUTLER: Since 2009.  
 5. CHAIRMAN MORELOCK: But now bear in  
 6. mind this: We're still in that situation, if he  
 7. takes it above 15 pounds --  
 8. MR. BUTLER: Right.  
 9. CHAIRMAN MORELOCK: -- and wants it  
 10. to be a Tennessee Special, all your work is fine.  
 11. But we still need a thorough inspection of the  
 12. vessel to make sure it's not been altered or  
 13. repaired --  
 14. MR. BUTLER: Right.  
 15. CHAIRMAN MORELOCK: -- without  
 16. proper review. And here is the other thing that  
 17. your customer needs to realize, is that when you  
 18. put that Tennessee Special nameplate on it, he  
 19. can't just call up and say, "I need this  
 20. repaired." All repairs have to be approved by the  
 21. Chief Inspector, and all alterations have to come  
 22. before us.  
 23. MR. BUTLER: Right.  
 24. CHAIRMAN MORELOCK: So it's a big  
 25. deal when you step it up to a Tennessee Special.

1. The approvals get to be a little bit more arduous  
 2. than a normal code vessel. Okay?  
 3. MR. BUTLER: Okay. Well, if he's  
 4. happy operating at that from now until forever,  
 5. I'll just say knock that nameplate off of it and,  
 6. you know, write noncode on there.  
 7. CHAIRMAN MORELOCK: Well, he can --  
 8. I mean, it's noncode now, so...  
 9. MR. BUTLER: Yeah. It's not  
 10. stamped.  
 11. CHAIRMAN MORELOCK: He can leave  
 12. the nameplate on it, because it's not  
 13. code-stamped. But if he stays below 15, he's  
 14. fine.  
 15. MR. BUTLER: Well, right now it's  
 16. stamped that he can operate at 150.  
 17. CHAIRMAN MORELOCK: Right.  
 18. MR. NEVILLE: So that's why I say  
 19. take the nameplate off. That way somebody doesn't  
 20. come along and up it without --  
 21. CHAIRMAN MORELOCK: Well, we get  
 22. into that situation at Eastman. Here's the thing.  
 23. I still wouldn't knock the nameplate off of it.  
 24. I'd put maybe an owner's nameplate on it saying  
 25. that this vessel is limited to an operating

1. pressure of 15 psi or 13 or whatever. That way if  
 2. they ever wanted to resell the vessel, relocate  
 3. the vessel to another location, you wouldn't have  
 4. destroyed the vessel from ever being operated  
 5. above 15 again.  
 6. MR. BUTLER: Right. Okay.  
 7. MR. ROBINSON: Question for you:  
 8. So he has no plans of making it a Tennessee  
 9. Special at this point.  
 10. MR. BUTLER: Well, he wants us to  
 11. come in in March when they shut down and do all  
 12. the inspections, in case he has to, is their plan  
 13. right now. When he shuts down the plant in March,  
 14. to go ahead and do all the inspections that we  
 15. would need, as far as checking things.  
 16. DR. CANONICO: And I come back to  
 17. the original --  
 18. MR. ROBINSON: Let me ask you, is  
 19. he under capacity right now with that second unit  
 20. being repaired? Or is his plan to put in --  
 21. MR. BUTLER: Well, I asked him what  
 22. he had done with the second unit, and he said we  
 23. did an inspection and he said the thicknesses --  
 24. he said we've got some broken brackets we haven't  
 25. fixed yet.

1. MR. ROBINSON: But, I mean, in six  
 2. weeks, I think you said, is there a plan to put  
 3. that one back in service to provide adequate  
 4. capacity?  
 5. MR. BUTLER: Not that I'm aware of.  
 6. Right now it's just a spare, the same way -- when  
 7. this one was purchased, he said it was purchased  
 8. as a spare in 2005. We installed it in 2009  
 9. because we had a rattle inside of this one, and he  
 10. said it was some broken brackets.  
 11. DR. CANONICO: In between when you  
 12. put it into service, which I assume you have a  
 13. record of that, before that, was there --  
 14. MR. BUTLER: It was sitting in a  
 15. warehouse.  
 16. DR. CANONICO: Just sitting there.  
 17. CHAIRMAN MORELOCK: So it was a  
 18. spare up until 2009.  
 19. MR. BUTLER: It was a spare.  
 20. Evidently this little unit is critical to the  
 21. whole process, so they bought a spare. And then  
 22. they swapped it in 2009 so they could do an  
 23. inspection and check up on the vessel they had.  
 24. Now it's sitting in a warehouse.  
 25. CHAIRMAN MORELOCK: So they can

1. also, then, verify that there's been no repairs or  
 2. alterations from 2009 to --  
 3. MR. BUTLER: They should be, yes.  
 4. CHAIRMAN MORELOCK: If you can get  
 5. all of that squared away and get a clean  
 6. inspection on it -- I mean, if they ever wanted to  
 7. go above 15, you've about got all the pieces in  
 8. place to make it happen.  
 9. MS. JEFFERSON: And those are the  
 10. type of questions that the inspector is going to  
 11. be asking. And we're going to go ahead and send  
 12. someone out today.  
 13. CHAIRMAN MORELOCK: That will be  
 14. good just to follow up with them.  
 15. Anything else?  
 16. MR. BAUGHMAN: Yes. Just as an  
 17. update, where do we stand on the Chief Inspector's  
 18. position? Where are we at on the whole  
 19. proposition?  
 20. MS. JEFFERSON: Well, we've opened  
 21. several registries. The problem is that we just  
 22. haven't seen qualified candidates. We've received  
 23. candidates; however, they don't have the  
 24. board-certified requirements. So that's where we  
 25. are.

1. Actually, I've gotten calls from two  
2. people, two potentials. But we'll see if they  
3. actually follow through. Because we did have one  
4. potential who was qualified, the last registry,  
5. but he decided that he wasn't interested at the  
6. last minute.

7. MR. BAUGHMAN: I guess I ask just  
8. because of the position that we're getting in with  
9. the National Board and we've got reviews and  
10. that's going to start costing some folks. So I  
11. was interested for my own end of it. Thank you  
12. for the update.

13. MS. JEFFERSON: There's nothing we  
14. can do if people don't apply for the position.

15. That puts us at a standstill, but we don't want to  
16. put someone in the position who's not qualified.

17. MR. BAUGHMAN: Absolutely. Okay.  
18. Thank you.

19. MR. JACKSON: As Kim knows, we're  
20. working with National Board on that, as far as  
21. reviews, and the situation right now is taken care  
22. of.

23. MR. BAUGHMAN: Great.

24. CHAIRMAN MORELOCK: Okay. Anything  
25. else? All right. We're adjourned. Thank you.

1.  
2. END OF THE PROCEEDINGS.  
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1. C E R T I F I C A T E  
2. STATE OF TENNESSEE )  
3. COUNTY OF WILLIAMSON )

4. I, Cassandra M. Beiling, a Notary Public  
5. in the State of Tennessee, do hereby certify:

6.  
7. That the within is a true and accurate  
8. transcript of the proceedings taken before the  
9. Board and the Chief Inspector or the Chief  
10. Inspector's Designee, Tennessee Department of  
11. Labor & Workforce Development, Division of  
12. Workplace Regulations and Compliance, Boiler Unit,  
13. on the 4th day of June, 2014.  
14.

15. I further certify that I am not related to  
16. any of the parties to this action, by blood or  
17. marriage, and that I am in no way interested in  
18. the outcome of this matter.  
19.

20. IN WITNESS WHEREOF, I have hereunto set my  
21. hand this 21st day of June, 2014.  
22.  
23.

24. \_\_\_\_\_  
Cassandra M. Beiling, CCR, LCR# 371  
Notary Public State at Large  
My commission expires: 3/12/2016  
25.

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