

FOR THE CASE OF  
Board of Boiler Rules Meeting

TRANSCRIPT OF  
Board of Boiler

December 14, 2016

*Stone & George*

COURT REPORTING

2020 Fieldstone Pkwy

Suite 900 - PMB 234

Franklin, TN 37069

(615) 268-1244

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or send an email to [nangeorge@stoneandgeorge.com](mailto:nangeorge@stoneandgeorge.com)

1. STATE OF TENNESSEE  
 DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT  
 2. BOILER UNIT DIVISION  
 3.  
 4.  
 5.  
 6.

7. TRANSCRIPT OF PROCEEDINGS  
 8. OF  
 9. BOARD OF BOILER RULES  
 10. December 14, 2016  
 11. BEFORE: Brian Morelock, Chairman  
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 22.

23. -----  
 DOMINIQUE A. DUBOIS, LCR# 686  
 STONE & GEORGE COURT REPORTING  
 24. 2020 Fieldstone Parkway  
 Suite 900 - PMB 234  
 25. Franklin, Tennessee 37069  
 (615) 221-1089

1. APPEARANCES  
 2.  
 3. Brian Morelock, Chairman  
 4. Eugene Robinson, Board Member, Insurance  
 Representative  
 5.  
 6. David Baughman, Board Member, Owner/User  
 Representative  
 7. Dr. S. Keith Hargrove, Board Member, Mechanical  
 Engineer Representative  
 8.  
 9. Michael Jay Pischke, Board Member, Boiler  
 Manufacturer Representative  
 10. Sam Chapman, Assistant Chief Boiler Inspector  
 11. Kim Y. Jefferson, Esq., Administrator  
 12. Dan Bailey, Esq., Legal Counsel  
 13. Carlene T. Bennett, Board Secretary  
 14. Deborah Rhone, Department of Labor and Workforce  
 Development, WRC  
 15.  
 16. James Neville, Neville Engineering  
 17.  
 18. Jim Golden, StoneCrest Medical Center  
 19.  
 20. Marty Toth, Boiler Supply Company and the Boisco  
 Training Group  
 21. David Flowers, Combustion and Control Solutions  
 22. Lionel Dunnivant, Combustion and Control Solutions  
 23. Rick Kinser, Mayfield Dairy Farm  
 24. Christopher Hartford, Hartford Steam Boiler  
 Inspection Insurance Company  
 25. John Swezy, Boiler Code Tech, LLC

1. The above-styled cause came on for  
 2. hearing on this the 14th day of December, 2016,  
 3. before the Board of Boiler Rules of Tennessee  
 4. Department of Labor and Workforce Development, at  
 5. 220 French Landing Drive, PEARL Room, 1st Floor,  
 6. Nashville, Tennessee, when and where the following  
 7. proceedings were had, to wit:  
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1. AGENDA  
 2. I. Call Meeting to Order  
 3. II. Introductions and Announcements  
 4. III. Annual Conflict of Interest Policy,  
 Acknowledgment and Disclosure  
 5.  
 6. IV. Adoption of the Agenda  
 7.  
 8. V. Chief Boiler Inspector's Report  
 9.  
 10. VI. Old Business  
 11. \* None  
 12. VII. New Business  
 13. \* 16-15  
 14. \* 16-16  
 15. \* 16-17  
 16. VIII. Open Discussion Items  
 17. \* Proposed 2017 meeting dates  
 18. - Wednesday, March 15th  
 19. - Wednesday, June 14th  
 20. - Wednesday, September 20th  
 21. - Wednesday, December 13th  
 22. \* Job description for Boiler Inspector 4  
 (Chief) position.  
 23. \* Approved Role/Responsibility for Board  
 Board Members.  
 24. \* The National Board Synopsis, NB-370,  
 needs to be updated for Tennessee.  
 25. \* Editorial revision to the recently  
 revised TN Rule 0800-03-03.  
 \* Revision to T.C.A. 68-122-109(a) due to

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1. changes in how the National Board  
Commissioning Exam is given.

2.

3. IX. Rule Cases and Interpretations

4. \* Postpone until March 15, 2017 meeting

5. X. The next Board of Boiler Rules Meeting is  
scheduled for 9:00 a.m. (CT), Wednesday,  
March 15, 2017, at the Department of  
Labor & Workforce Development Office  
Building located at 220 French Landing  
Drive, Nashville, TN.

6.

7.

8. XI. Adjournment

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1. Stone & George Court Reporting.

2. MS. BENNETT: Carlene Bennett, Board  
secretary.

3.

4. MR. CHAPMAN: Sam Chapman, Chief  
Inspector.

5.

6. MR. PISCHKE: Mike Pishke. GE Power,  
representing manufacturers.

7.

8. MR. ROBINSON: Eugene Robinson,  
Tennessee Board member.

9.

10. CHAIRMAN MORELOCK: Brian Morelock,  
Board chair.

11.

12. MR. HARGROVE: Good morning. Keith  
Hargrove, Board member.

13.

14. MR. BAUGHMAN: Dave Baughman, Board  
member.

15.

16. MS. RHONE: Deborah Rhone, Boiler  
Office Supervisor.

17.

18. MS. JEFFERSON: Kim Jefferson,  
Administrator.

19.

20. MR. BAILEY: Dan Bailey, Legal  
Counsel.

21.

22. CHAIRMAN MORELOCK: Our visitor. Go  
ahead and introduce yourself.

23.

24. MR. GOLDEN: Hi, I'm Jim Golden.  
StoneCrest Medical Center.

25.

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1. PROCEEDINGS

2. CHAIRMAN MORELOCK: Good morning,  
everybody. Welcome to the December Tennessee Board  
of Boiler Rules meeting, and we're going to get  
started here. Just some housekeeping items before I  
go to the agenda. The Board members need to  
complete their conflict of interest documents and  
any expense reports and get those to Carlene. There  
will be an attendance sheet routing here  
momentarily, so everybody can sign in and record  
your attendance.

3.

4.

5.

6.

7.

8.

9.

10.

11.

12. If you don't have an agenda, they're  
on the back table for our visitors. Please make  
yourself available to those. We have  
refreshments, as well.

13.

14.

15.

16. And with that, I'm going to go ahead  
and call the meeting to order. And we'll start  
with just a short safety item. In the event of an  
emergency or natural disaster, security personnel  
will take attendees to a safe place in the  
building or direct them to exit the building on  
the Rosa Parks side. So then, as far as  
introductions go, I will begin with Dominique.

17.

18.

19.

20.

21.

22.

23.

24. So --

25. THE REPORTER: Dominique Dubois,

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1. MR. TOTH: Marty Toth, Boiler Supply  
Company and the Boisco Training Group.

2.

3. MR. NEVILLE: James Neville, Neville  
Engineering.

4.

5. MR. KINSER: (Inaudible comment.)

6. THE REPORTER: I'm sorry, sir. Could  
you speak up? I can't -- I didn't -- I couldn't  
hear you.

7.

8.

9. MR. KINSER: Oh, I'm sorry.  
Rick Kinser, Mayfield Dairy Farms planning plant  
manager of engineering.

10.

11.

12. MR. FLOWERS: David Flowers,  
Combustion and Control Solutions.

13.

14. MR. DUNNAVANT: Lionel Dunnivant,  
Combustion and Control Solutions.

15.

16. MR. HARTFORD: Christopher Hartford,  
Hartford Steam Boiler Inspection Insurance Company.

17.

18. MR. SWEZY: John Swezy, Boiler Code  
Tech, LLC.

19.

20. CHAIRMAN MORELOCK: Okay. Again,  
welcome everyone. We have an agenda before us.  
So --

21.

22.

23. MR. ROBINSON: Motion to adopt the  
agenda.

24.

25. CHAIRMAN MORELOCK: Thank you. Do I

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1. have a second?  
2. MR. BAUGHMAN: Second.  
3. CHAIRMAN MORELOCK: Are there any  
4. additions, corrections, changes to the agenda? All  
5. right. Hearing none, I'm going to call the  
6. question. All in favor, say "aye."  
7. MR. BAUGHMAN: Aye.  
8. MR. HARGROVE: Aye.  
9. MR. PISCHKE: Aye.  
10. MR. ROBINSON: Aye.  
11. CHAIRMAN MORELOCK: Opposed?  
12. Abstentions? Not voting? We do have an approved  
13. agenda.  
14. One thing I would ask is if you do  
15. have your cell phone, which I'm sure most of us  
16. have, if you'd put that on silent, please, out of  
17. respect for the presenters and the proceedings  
18. today?  
19. And Item four is conflict of  
20. interest, and the Board members are working on  
21. those and getting those to Carlene.  
22. So that moves us to Item five, which  
23. is the Chief Inspector's report, and I'll hand  
24. that off to Mr. Chapman.  
25. MR. CHAPMAN: Not yet.

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1. CHAIRMAN MORELOCK: Not yet?  
2. MR. CHAPMAN: You haven't given me my  
3. folder back.  
4. MS. RHONE: Here.  
5. MR. HARGROVE: There we go.  
6. MR. CHAPMAN: Thank you.  
7. CHAIRMAN MORELOCK: Oh, okay. All  
8. right.  
9. MR. CHAPMAN: We found it.  
10. MR. PISCHKE: We found it.  
11. CHAIRMAN MORELOCK: Good.  
12. MR. CHAPMAN: I'm sorry about that.  
13. Okay. For the Chief's Report. All right.  
14. Inspections performed by the State inspector is  
15. 2,101. For the inspection -- insurance, it's 5,709  
16. inspections, giving us a total of 7,810. Total  
17. number of vessels from the State is 635 and 291.  
18. Those are delinquent. Giving us a total of 926  
19. vessels. That's on the delinquent list.  
20. Okay. Number of code violations were  
21. 15, and we have five that are uncorrected. Boiler  
22. variance that was performed during this cycle was  
23. four on that.  
24. And I do have something else this  
25. time. On a -- the boiler synopsis, we have made

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1. changes to the National Board website. On the  
2. laws passing, we did add the unfired pressure  
3. vessel, which was dated in 1955. We added that to  
4. it. And we -- for the CSD1, we added to the  
5. current condition -- current addition. I'm having  
6. trouble talking today.  
7. Okay. Also on number six, under the  
8. miscellaneous, we did add to where we do a set  
9. routine repair. And that is the Chief's Report.  
10. CHAIRMAN MORELOCK: Okay. Thank you.  
11. Any questions, comments about the Chief's Report?  
12. Okay. Very good.  
13. Moving on to Item six, which is old  
14. business. There is no old business. Just moving  
15. on to Item seven, which is new business, and so  
16. everybody keeps me honest, I will ask on each item  
17. if there is a conflict of interest, and so just  
18. keep that in mind. And then for the presenters,  
19. when your item comes up for discussion, please  
20. come to the table up here, introduce yourself for  
21. Dominique so she can record who you are. And then  
22. present your item and then we'll discuss it and  
23. take any action on that.  
24. So with all that said, our first item  
25. is 16-15, which is Wacker Polysilicon North

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1. America, and they were going to make a  
2. presentation on their RBI status. And in the  
3. interest of fairness to them, I'm probably certain  
4. they're stuck in traffic right now, so let's -- if  
5. it's okay, I'd like to move their item down on the  
6. agenda and give them time to get here. And so  
7. we'll just table their item here and see if they  
8. can arrive.  
9. So I'm going to move on to Item  
10. 16-16, which is Mayfield Dairy Farm, Athens,  
11. Tennessee.  
12. MR. FLOWERS: Good morning. I'm  
13. David Flowers from Combustion and Control Solutions.  
14. With me is Rick Kinser who is the plant engineering  
15. manager with Mayfield Dairy. With us also is  
16. Lionel Dunnivant, our controls technician. He's  
17. here to answer any technical questions regarding the  
18. control scheme and the way we've got this proposed.  
19. CHAIRMAN MORELOCK: Okay.  
20. MR. FLOWERS: This is a request  
21. for --  
22. MR. PISCHKE: Hey, Brian, declare  
23. conflict.  
24. CHAIRMAN MORELOCK: Yes. Thank you.  
25. Are there any conflicts of interest for this item?

- 1. MR. BAUGHMAN: Yes.
- 2. CHAIRMAN MORELOCK: Okay. We do have
- 3. one conflict of interest. All right. Thank you.
- 4. Proceed.
- 5. MR. FLOWERS: This is a request for a
- 6. new variance, as stated in our cover letter, for
- 7. Mayfield Dairy. They have two boilers, one
- 8. 300-horsepower Cleaver-Brooks, one 500-horsepower
- 9. Cleaver-Brooks, uses a Fireye E110 flame safeguard.
- 10. The FleetZOOM system is the notification system we
- 11. will use to alert the various trained personnel who
- 12. will respond in the emergency procedures. You
- 13. should have our manual, and we'll be happy to answer
- 14. any questions you might have.
- 15. CHAIRMAN MORELOCK: Okay. Do I have
- 16. a motion for this item so we can discuss it?
- 17. MR. ROBINSON: Motion to discuss.
- 18. CHAIRMAN MORELOCK: Okay. Do I have
- 19. a second?
- 20. MR. HARGROVE: Second.
- 21. CHAIRMAN MORELOCK: Okay. So the
- 22. floor is open. Anybody have any questions or
- 23. comments about this system operation manual for
- 24. Mayfield?
- 25. MR. HARGROVE: Yeah.

- 1. CHAIRMAN MORELOCK: Yes.
- 2. MR. HARGROVE: I have a question. So
- 3. on behalf of the Board, excellent description of
- 4. your system that you have.
- 5. MR. FLOWERS: Thank you.
- 6. MR. HARGROVE: One of the issues that
- 7. we as Board members have discussed with the
- 8. emergence of IT and the use of remote monitoring
- 9. systems is a developing issue of cyber
- 10. vulnerability. In other words, the IT structure of
- 11. these systems that are becoming more prevalent, are
- 12. they protected internally as well as externally?
- 13. I want to ask a couple of questions.
- 14. One is, do you have any documentation on the
- 15. frequency on password protection or how often that
- 16. is changed or what kind of methods? Or is there a
- 17. protocol to protect the vulnerability of that
- 18. remote monitoring system?
- 19. MR. FLOWERS: Well, first I would say
- 20. that, you know, the way that this system will
- 21. operate, the notification system, is over a cellular
- 22. system. So --
- 23. MR. HARGROVE: Okay.
- 24. MR. FLOWERS: But I'll let Lionel
- 25. talk about the password protection, the

- 1. vulnerability --
- 2. MR. DUNNAVANT: The password
- 3. protection itself is based on a plant level. They
- 4. will decide who has access to different levels and
- 5. how far it can go. As far as the vulnerability of
- 6. the system, the e-stop situation is still basically
- 7. on site. The communications through the cellular
- 8. network is strictly notification. At the point
- 9. where the ZOOM -- FleetZOOM comes into action, the
- 10. boilers are already down. They're simply notifying
- 11. maintenance personnel that there is an issue to
- 12. address. So -- which would require hands on -- eyes
- 13. on the boiler and a physical reset before anything
- 14. can be restarted.
- 15. MR. HARGROVE: Okay. And how would
- 16. you describe the response of the team of a network
- 17. failure?
- 18. MR. DUNNAVANT: In the event of a
- 19. network failure, everything goes back to local
- 20. control. You would still have an operator present.
- 21. Someone would be at the facility. Even though
- 22. they're not monitoring the boiler every 20 minutes,
- 23. they are still there on site and would be notified,
- 24. because the -- just the way -- it's a manual system
- 25. as far as on the plant.

- 1. CHAIRMAN MORELOCK: And let me
- 2. clarify. If there ever is any issue with any
- 3. variance that we do, any issue, communication issue,
- 4. network issue, whatever, everything reverts back to
- 5. the 20-minute rule and they will have people on
- 6. site.
- 7. MR. DUNNAVANT: Right.
- 8. MR. HARGROVE: That's what I was
- 9. looking for.
- 10. MR. FLOWERS: Okay.
- 11. MR. HARGROVE: Okay. All right.
- 12. MR. FLOWERS: And we state that in
- 13. the manual.
- 14. CHAIRMAN MORELOCK: Uh-huh. You do.
- 15. MR. HARGROVE: Okay. And --
- 16. CHAIRMAN MORELOCK: Any other -- oh,
- 17. I'm sorry. Go right ahead.
- 18. MR. HARGROVE: And second question
- 19. is, training is done once a year for the group or is
- 20. it more frequent?
- 21. MR. FLOWERS: Training will be done
- 22. initially, before the inspection is called for, on
- 23. all personnel related to normal and emergency
- 24. operations. It will then be redone on an annual
- 25. basis and any new personnel coming into the system

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1. that would be a part of the variance or operating  
2. under the emergency or normal operations would be  
3. trained, as well.  
4. MR. HARGROVE: Okay. Thank you, sir.  
5. MR. FLOWERS: Yes, sir.  
6. CHAIRMAN MORELOCK: Any other  
7. questions, comments?  
8. MR. BAUGHMAN: Yes. David, does the  
9. DA get monitored in this proposition?  
10. MR. FLOWERS: It does not. We have  
11. that capability, but if that's something the Board  
12. would like to see -- if I'm understanding correctly,  
13. we can notify.  
14. MR. DUNNAVANT: We can -- that's  
15. something that was discussed. We've looked at the  
16. possibility of adding that. That's why I have so  
17. many options and inputs on that. At this time,  
18. we're not going to do it, because we are  
19. implementing pump shutdown in different situations  
20. with the boiler like a normal flame safeguard would  
21. do.  
22. MR. BAILEY: Mr. Chairman, if he's  
23. declared a conflict, I'm not so sure it's  
24. appropriate for him to be part of the discussion.  
25. CHAIRMAN MORELOCK: Well, Ms. Yule

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1. (phonetic) -- we've discussed this in the past.  
2. With conflicts of interest, they can participate in  
3. the discussion but no voting. They have to abstain  
4. from voting. Now, if you want to change that --  
5. MR. BAILEY: That was her opinion?  
6. CHAIRMAN MORELOCK: That was her  
7. opinion, yes.  
8. MR. BAILEY: Well, I can see -- if  
9. someone has a conflict and they're participating in  
10. the discussion, that could be perceived as trying to  
11. influence the decision in some way. And I think  
12. that appears -- certainly has an appearance of a  
13. conflict.  
14. CHAIRMAN MORELOCK: Okay.  
15. MR. BAILEY: And that's my opinion.  
16. So I mean, lawyers can disagree, but I think there's  
17. a problem with that, personally.  
18. CHAIRMAN MORELOCK: Okay.  
19. MR. BAILEY: But I mean --  
20. CHAIRMAN MORELOCK: Well, and the  
21. concern is --  
22. MR. BAILEY: -- you're the chairman.  
23. I'm just --  
24. CHAIRMAN MORELOCK: Well, and I  
25. understand. But the concerns that the Board had

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1. expressed is that there's six subject matter experts  
2. at the table. If we take one of those subject  
3. matter experts out of the picture, we may lose part  
4. of the content of the item. So -- but I do see your  
5. point, as well. But ultimately, it's your decision,  
6. Mr. Bailey.  
7. MR. BAILEY: No. Ultimately, it's  
8. your decision. I'm just -- all I can give is legal  
9. advice --  
10. CHAIRMAN MORELOCK: Okay.  
11. MR. BAILEY: -- and counsel.  
12. CHAIRMAN MORELOCK: Okay.  
13. MR. BAILEY: And I'm not saying it's  
14. absolutely forbidden. I just think it gives the  
15. appearance.  
16. CHAIRMAN MORELOCK: Well, initially  
17. when Ms. Yule agreed with your current opinion, we  
18. abided by that. We didn't -- if you declared a  
19. conflict, you did not speak to the item. In my --  
20. you know, we've got four people that are  
21. boiler-related, one academia, and one pressure  
22. vessel person. So if there's an item that comes  
23. before the Board and it's pressure vessel-related  
24. and I have a conflict of interest, then there is no  
25. pressure vessel discussion coming from the Board,

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1. because I can't speak to it. So that's just --  
2. that's what we've discussed.  
3. MR. BAILEY: Okay.  
4. CHAIRMAN MORELOCK: So --  
5. MR. BAILEY: Well, I mean, if that's  
6. been the practice, then, you know, I'm not saying  
7. it's got to change, but --  
8. CHAIRMAN MORELOCK: Okay. Okay. All  
9. right.  
10. MR. BAUGHMAN: Good. And thanks for  
11. that, too, because we definitely want to stay within  
12. the bounds of what we're doing. My end of it's from  
13. the technical side, even though I'm not voting. My  
14. interest in the question with the DA is that we've  
15. been ongoing with this since the incident a few  
16. years ago with the DA. So even though it's not part  
17. of our variance, we've talked about making that an  
18. inclusion at some point in time, but I'll leave that  
19. within your own discretion to think about whether or  
20. not in the best interest of safety for Mayfield that  
21. the DA does, at least, get monitored in some  
22. respect. But I'll leave that up to you guys on  
23. whether to implement that or not.  
24. MR. FLOWERS: Well, to your point, we  
25. as a mechanical company and a boiler company, we

1. would agree with that. And there are inputs  
 2. available on this system if Mayfield elects to go  
 3. forward with that in the future. But as you stated,  
 4. that's not a part of the requirement for the  
 5. variance, so it's not included in the manual. But  
 6. we believe it's also good practice.  
 7. CHAIRMAN MORELOCK: Yeah.  
 8. MR. BAUGHMAN: Good. Thanks, David.  
 9. CHAIRMAN MORELOCK: And I would echo  
 10. that. I mean, it's -- the Board's not going to  
 11. require you to do that, because it's not part of the  
 12. variance process today. So if you choose to do it,  
 13. that's your choice.  
 14. MR. FLOWERS: Yeah.  
 15. MR. DUNNAVANT: Okay.  
 16. CHAIRMAN MORELOCK: Okay.  
 17. MR. DUNNAVANT: Thank you.  
 18. CHAIRMAN MORELOCK: Any other  
 19. questions or comments?  
 20. MR. ROBINSON: Yes. I have a few.  
 21. Sir, how many boilers are here?  
 22. MR. FLOWERS: Two.  
 23. MR. ROBINSON: Two?  
 24. MR. FLOWERS: Yes, sir.  
 25. MR. ROBINSON: I noted that you had

1. several pressure vessels that were expired. Is  
 2. there a reason for that as far as the State  
 3. requirements?  
 4. MR. FLOWERS: At Mayfield Dairy?  
 5. MR. ROBINSON: Yes.  
 6. MR. FLOWERS: I'm not aware of that.  
 7. MR. ROBINSON: There are -- gosh, it  
 8. must have been about 11. And it could have been  
 9. from your refrigeration systems.  
 10. MR. KINSER: That's very likely  
 11. that's where it's from. And it might have been just  
 12. a thing that was in the mail and it got lost. And  
 13. that part of it --  
 14. MR. ROBINSON: I've seen where you  
 15. had recent -- forgive me. I've seen where you had  
 16. recent boiler inspections, but then, you know, as I  
 17. scrolled down a little bit lower, I noted that you  
 18. had several. So you definitely want to get that  
 19. caught up. It more or less gave me an appearance of  
 20. your maintenance program. When I've seen that, I  
 21. said wow, why would you do the boilers and not the  
 22. PVs?  
 23. MR. FLOWERS: Well, we as their -- to  
 24. answer your question, we as their vendor don't get  
 25. involved in all of their pressure --

1. CHAIRMAN MORELOCK: Right. Right.  
 2. MR. FLOWERS: -- vessel inspections,  
 3. obviously, but I would say that from a --  
 4. MR. ROBINSON: It needs to be caught  
 5. up.  
 6. MR. FLOWERS: Yes.  
 7. MR. ROBINSON: Very good. Okay. And  
 8. you can do that.  
 9. CHAIRMAN MORELOCK: And that's  
 10. something they can follow up with their AI.  
 11. MR. ROBINSON: AI.  
 12. CHAIRMAN MORELOCK: Yeah. Yeah. So  
 13. they -- yeah, that -- you can address that with your  
 14. AI. It's not a Board item. So --  
 15. MR. ROBINSON: I noticed your shift  
 16. maintenance duties on page 37. Let's see. Number  
 17. one really stood out as being responsible for the  
 18. boiler. I read through, you know, the different  
 19. titles, but I was looking for somebody that would --  
 20. he's the guy, and I didn't see that.  
 21. MR. FLOWERS: I believe it is stated  
 22. elsewhere, and I would have to find it for you. But  
 23. Rick Kinser --  
 24. MR. ROBINSON: And the reason why,  
 25. again is because here's what you had. You had --

1. and I want -- for example, go to number three on 37.  
 2. Let's see. This is the guy I thought was the  
 3. person, the shift maintenance supervisor, but he  
 4. actually directs the maintenance department --  
 5. necessary to assure -- ensure safe and reliable  
 6. operation of the boiler room and associated parts.  
 7. Then there was a couple of areas  
 8. where you had a shift maintenance --  
 9. supervisor/maintenance person. So I didn't -- in  
 10. other words, if you'd have a list -- and I don't  
 11. know -- how do you assign your duties?  
 12. MR. FLOWERS: Well, it's -- if you  
 13. look at the organizational chart -- I mean -- and  
 14. that's what the -- at least on the previous page,  
 15. you know, it -- that's the chain of command there.  
 16. MR. ROBINSON: Where does it say  
 17. boiler?  
 18. MR. FLOWERS: It does not and --  
 19. CHAIRMAN MORELOCK: Yeah.  
 20. MR. FLOWERS: -- we would be happy to  
 21. clarify that on this page --  
 22. CHAIRMAN MORELOCK: Yeah.  
 23. MR. FLOWERS: -- if that's what you'd  
 24. like to see. It's in the manual here where it says  
 25. Mike McGrew is responsible for the boilers,



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1. ultimately responsible for the boilers themselves.  
2. And I'm trying to locate that. I don't recall  
3. exactly what --  
4. CHAIRMAN MORELOCK: Yeah. To build  
5. off Eugene's comment, your organizational chart  
6. should show the different organizations, like you've  
7. got, but also show who is serving as a boiler  
8. attendant, who's serving as a remote monitor. So  
9. it's clear to you, but it's not clear to us --  
10. MR. FLOWERS: I understand.  
11. CHAIRMAN MORELOCK: -- when we read  
12. the manual.  
13. MR. FLOWERS: Okay.  
14. CHAIRMAN MORELOCK: And to build off  
15. of that, on page 38, you do talk about normal duties  
16. as far as the shift maintenance supervisor/shift  
17. lead man shall contact maintenance personnel at the  
18. remote monitoring station.  
19. And then your emergency procedures on  
20. page 43 adds a little more detail. It says,  
21. remote monitoring station -- remote station shall  
22. be continuously manned or monitored by plant  
23. engineering manager, maintenance manager, shift  
24. supervisor, security personnel who have been  
25. trained in procedures.

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1. And -- but what your job descriptions  
2. and your organizational chart does not show is the  
3. maintenance personnel, but they're a vital part of  
4. this system. So you need to show them on the  
5. organizational chart. And I would also -- to  
6. Eugene's comment, you need to show what their  
7. duties are as maintenance supervisor, shift --  
8. which you have, but list specific job duties in  
9. that job description for their remote monitoring  
10. and boiler attendant duties, as well, so when  
11. people read your manual, it's clear who's doing  
12. what.  
13. MR. FLOWERS: Okay.  
14. MR. ROBINSON: Right. And that's  
15. what I --  
16. CHAIRMAN MORELOCK: Yeah.  
17. MR. ROBINSON: That was the  
18. primary -- I had a lot of difficulty trying to  
19. relate who I was going to talk to --  
20. CHAIRMAN MORELOCK: Yeah.  
21. MR. FLOWERS: Right. I understand.  
22. MR. ROBINSON: -- because I didn't  
23. know.  
24. MR. FLOWERS: Okay.  
25. MR. ROBINSON: I could choose one of

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1. four people, and you know what they could tell me?  
2. They're not responsible.  
3. CHAIRMAN MORELOCK: Yeah.  
4. MR. FLOWERS: Right. I understand.  
5. MR. DUNNAVANT: Okay.  
6. MR. FLOWERS: We'll be -- and I  
7. understand. I get that. We'll be happy to clarify  
8. that. I mean, like you said, it's clear in our  
9. mind, but we didn't obviously --  
10. CHAIRMAN MORELOCK: Right. Right.  
11. MR. FLOWERS: -- convey that. So  
12. I'll be happy to make that clarification.  
13. CHAIRMAN MORELOCK: Yeah. Appreciate  
14. that. Go ahead, Eugene.  
15. MR. ROBINSON: Okay. I didn't have a  
16. problem -- you're going to placard. Are you going  
17. to put something next to your monitoring station?  
18. MR. FLOWERS: Yes, sir.  
19. MR. ROBINSON: Are you -- like this  
20. emergency procedure?  
21. MR. FLOWERS: Yes, sir.  
22. MR. ROBINSON: Okay. Normally what  
23. we ask for is we try to get a colored sheet inside  
24. the manual where you can easily identify it in the  
25. case of an emergency. Now, I see this. Okay? I'm

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1. okay with it. But at the same time, I would love to  
2. see the colored sheet. Y'all want to maintain  
3. consistency.  
4. MR. FLOWERS: Okay.  
5. MR. DUNNAVANT: Okay.  
6. CHAIRMAN MORELOCK: Okay.  
7. MR. ROBINSON: And --  
8. MR. FLOWERS: By colored sheet, you  
9. mean, like the whole sheet red or the whole --  
10. MR. ROBINSON: Yeah. Yeah. Like --  
11. yeah. A sheet that you could visibly turn and  
12. then -- I'm nervous. I'm looking. I'm looking.  
13. The boilers going kiddywampus. Oh, the red sheet.  
14. MR. FLOWERS: Okay. We can do that.  
15. We'll be happy to do that.  
16. MR. DUNNAVANT: And a lot of times,  
17. too, we'll also have a placard made that's beside  
18. the panel.  
19. CHAIRMAN MORELOCK: Yes.  
20. MR. ROBINSON: That's perfect.  
21. CHAIRMAN MORELOCK: Yeah.  
22. MR. DUNNAVANT: And it actually is  
23. just like --  
24. MR. ROBINSON: That's perfect.  
25. MR. DUNNAVANT: -- you have on a

1. defibrillator or anything else. You can go --  
 2. CHAIRMAN MORELOCK: Yes.  
 3. MR. ROBINSON: I'm just looking for  
 4. that guy. He's going to lock it out.  
 5. MR. DUNNAVANT: Right. In a panic.  
 6. CHAIRMAN MORELOCK: Yes.  
 7. MR. ROBINSON: Yeah.  
 8. CHAIRMAN MORELOCK: Yes.  
 9. MR. DUNNAVANT: Okay. Okay.  
 10. MR. ROBINSON: Yeah.  
 11. MR. FLOWERS: We'll be happy to do  
 12. that and submit that --  
 13. CHAIRMAN MORELOCK: Okay.  
 14. MR. FLOWERS: -- prior to inspection.  
 15. MR. ROBINSON: You guys have 24/7  
 16. security as well, right, around the building?  
 17. MR. KINSER: We have -- Securitas is  
 18. in there.  
 19. MR. ROBINSON: I'm sorry?  
 20. MR. KINSER: Currently, they're there  
 21. 24/7.  
 22. MR. ROBINSON: I'm sorry, say that  
 23. once -- secure what?  
 24. MR. KINSER: We have Securitas. It's  
 25. a --

1. MR. ROBINSON: Tosses?  
 2. MR. KINSER: Securitas is the name of  
 3. the company.  
 4. MR. ROBINSON: Oh, okay.  
 5. MR. FLOWERS: They're the vendor.  
 6. MR. KINSER: And currently, because  
 7. we were having to do it every 20 minutes, they were  
 8. the ones actually monitoring 24/7. Once we get this  
 9. appearance approved, hopefully approved, then  
 10. they'll go back to just coming in when the  
 11. maintenance folks are no longer here to take care of  
 12. things. But usually, it's only during the week and  
 13. the off hours, and then on the weekends when things  
 14. are covered, otherwise.  
 15. MR. ROBINSON: Yes, sir. And the  
 16. building is also secure, correct?  
 17. MR. FLOWERS: Yes, sir.  
 18. MR. DUNNAVANT: Yes.  
 19. MR. KINSER: It is.  
 20. MR. FLOWERS: It's fenced.  
 21. MR. ROBINSON: You know, we -- back  
 22. to Mike's comment. He's right. We're in an age  
 23. right now where anything can happen across the  
 24. Internet. And, you know, I know that the boiler's  
 25. disconnected from the network and you still have

1. your hard controls associated with the boiler, but  
 2. now, you know, I think back to one of our  
 3. predecessors, Mr. Lung (phonetic). He had made  
 4. mention -- years ago, we had contacted somebody from  
 5. Homeland Security. Shibly (phonetic), I believe his  
 6. last name was. And Mr. Shibly explained to us that  
 7. there was vital threats at the time associated with  
 8. the United States and possible Internet attacks on  
 9. boilers. And this was about the time 9/11 occurred.  
 10. And then Mr. Lung -- he had mentioned  
 11. to us the fact that had that location been  
 12. infiltrated, they could have brought down the  
 13. entire building, because I think they had five  
 14. boilers in the basement, in the mechanical room,  
 15. which now tells me that if you could go to your  
 16. hard controls, make changes to the hard controls,  
 17. it could be catastrophic.  
 18. MR. KINSER: Our boiler control  
 19. system is not actually connected to the ethernet.  
 20. It's not a -- it's a system that's never been -- it  
 21. doesn't have the abilities to it and we have no  
 22. intention to go ahead and put that towards ethernet.  
 23. MR. FLOWERS: Yeah. It's not tied to  
 24. it -- with a building management system that's on a  
 25. network anywhere. It's about as isolated as you can

1. get with the exception of this announcement system  
 2. that we're talking about.  
 3. MR. DUNNAVANT: And the location of  
 4. the boilers themselves is within a secure area.  
 5. It's not like someone can walk in off the street and  
 6. get in there to the hard controls.  
 7. MR. ROBINSON: Very well.  
 8. MR. DUNNAVANT: Not very easily. I'm  
 9. not saying it can't happen --  
 10. CHAIRMAN MORELOCK: Right.  
 11. MR. DUNNAVANT: -- because you know  
 12. anything could happen. But it's not --  
 13. MR. ROBINSON: It's going to be  
 14. difficult.  
 15. MR. DUNNAVANT: -- something you  
 16. typically see.  
 17. MR. ROBINSON: You have a 500 and a  
 18. 350?  
 19. MR. FLOWERS: A 500 and a 300.  
 20. MR. DUNNAVANT: 300.  
 21. MR. ROBINSON: Okay. 300.  
 22. MR. FLOWERS: Yes, sir.  
 23. MR. ROBINSON: You did not list your  
 24. safety valves on the data sheet. We don't actually  
 25. ask for that, do we?

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1. CHAIRMAN MORELOCK: No, I don't think  
2. so, but it's good to know. Make sure you're not  
3. overpressuring.  
4. MR. ROBINSON: Could you put your  
5. safety valves --  
6. MR. FLOWERS: I will.  
7. MR. ROBINSON: -- and capacity --  
8. MR. DUNNAVANT: Yes. We've got that.  
9. MR. ROBINSON: -- on the data sheet?  
10. MR. DUNNAVANT: I don't know that we  
11. have it here, but we do have that information.  
12. MR. FLOWERS: We have that at our  
13. shop and I'll --  
14. MR. ROBINSON: And, that gives the  
15. inspector an assurance to know that you're running  
16. one at 125 and the other one at 250.  
17. MR. DUNNAVANT: Oh, no. Right.  
18. Okay.  
19. MR. ROBINSON: You get my point?  
20. MR. FLOWERS: Yes, sir.  
21. MR. ROBINSON: Because now -- if  
22. you've got an imbalance, you're going to have  
23. difficulty. Okay. And the DA tank is  
24. open-to-atmosphere?  
25. MR. FLOWERS: No, sir. It's a

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1. pressurized DA.  
2. MR. ROBINSON: Is it?  
3. MR. FLOWERS: Yes, sir.  
4. MR. ROBINSON: List that, as well.  
5. MR. FLOWERS: Okay.  
6. MR. ROBINSON: Thank you. Okay. And  
7. no more questions.  
8. CHAIRMAN MORELOCK: Okay. Any other  
9. comments?  
10. MR. BAUGHMAN: Yes.  
11. CHAIRMAN MORELOCK: Okay. Go ahead.  
12. MR. BAUGHMAN: In reference to the  
13. security personnel, from what I understand, it  
14. doesn't sound like there's typically maintenance  
15. personnel on the weekends but just security  
16. personnel?  
17. MR. FLOWERS: That is correct.  
18. MR. BAUGHMAN: Okay. The security  
19. personnel are manning a security station?  
20. MR. FLOWERS: No. They actually are  
21. constantly moving around the facility.  
22. MR. BAUGHMAN: Okay. But yet the  
23. remote monitoring is located in an area where there  
24. might not be personnel located?  
25. MR. FLOWERS: That is correct. On

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1. the weekends. But that is the reason for the  
2. FleetZOOM system that we have with the notification.  
3. That security -- whoever is on duty at that time  
4. will have the cell phone. And there actually will  
5. be multiple cell phones. We can address many that  
6. will be alerted if there is an issue. And the only  
7. thing that the security personnel would be  
8. responsible for would be hitting an e-stop.  
9. We have also got it set up to where  
10. if there is an issue, particularly on the  
11. weekends, the security personnel that is on duty,  
12. as well as the maintenance supervisor and Rick  
13. here, are also notified at the same time.  
14. CHAIRMAN MORELOCK: Well, to build  
15. off his comment, though, the only time security  
16. personnel are monitoring that boiler is when  
17. production is down; is that correct?  
18. MR. FLOWERS: But when main  
19. production is -- there is some tank washing and  
20. things going on, but the production line is down.  
21. That's correct.  
22. CHAIRMAN MORELOCK: But the boilers  
23. are running or a boiler is running.  
24. MR. FLOWERS: That is correct.  
25. MR. DUNNAVANT: The boiler is running

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1. 24/7.  
2. MR. KINSER: Yeah, they don't stop.  
3. CHAIRMAN MORELOCK: Okay. If the  
4. boiler is running 24/7, you're going to have to have  
5. either the 20-minute rule or somebody continuously  
6. manning the remote station to satisfy your variance.  
7. MR. ROBINSON: And that was --  
8. MR. DUNNAVANT: On that, when the  
9. FleetZOOM -- in this situation where it is just the  
10. security personnel, in the event that there was an  
11. alarm shutdown, they would be notified, and their  
12. initial job is to -- well, that was part of the  
13. password security is to remotely break an e-stop.  
14. The boiler's already down. But what that ensures is  
15. that someone from maintenance, a responsible person,  
16. a trained person, has to go in and put eyes on the  
17. boiler, identify the problem, correct the problem,  
18. reset the e-stop, then contact security who would  
19. reset or release their e-stop. It's two means of  
20. reset.  
21. CHAIRMAN MORELOCK: But what's the  
22. timeframe for the security personnel to react to a  
23. boiler alarm if they're not in the monitoring  
24. station?  
25. MR. FLOWERS: About five minutes

1. would be the max --

2. MR. DUNNAVANT: Worst case.

3. MR. FLOWERS: -- is what we're

4. saying. Worst case.

5. MR. DUNNAVANT: Yeah, and I don't

6. think it --

7. MR. FLOWERS: But they are in the

8. facility. But the -- as we've seen, I know there

9. are variances. You know, on the McKee Foods in

10. Chattanooga or Ooltewah, brings up, you know, one

11. case where they're using a very similar system where

12. somebody is physically not at that remote station --

13. that's why we've chosen the communication system

14. that we have that will actually alert multiple cell

15. phones. Again, if it's on the weekends, a security

16. personnel is on duty, as well as the maintenance

17. managers.

18. CHAIRMAN MORELOCK: Yeah, but McKee

19. and them also -- they do have that, but they have --

20. their manual says "continuously monitored," and your

21. manual does not say "continuously monitored." It

22. says it's staffed but it's not continuously

23. monitored, and we need to see continuously

24. monitored.

25. MR. ROBINSON: 100 percent.

1. CHAIRMAN MORELOCK: However you

2. choose to do that. We're not going to tell you how

3. to do that.

4. MR. FLOWERS: Okay.

5. CHAIRMAN MORELOCK: That's not our

6. job to tell you how to do it, but you need to

7. accommodate that.

8. MR. ROBINSON: Five minutes is --

9. CHAIRMAN MORELOCK: That's too long.

10. MR. ROBINSON: It's a lot. That's a

11. lot.

12. MR. FLOWERS: Well, I -- that's five

13. minutes physically to the boiler room. As Lionel

14. said --

15. MR. DUNNAVANT: Right.

16. MR. FLOWERS: -- the communication

17. system will let us hit an e-stop --

18. MR. DUNNAVANT: Immediately.

19. MR. FLOWERS: -- immediately, just as

20. if we were there. I understand --

21. MR. ROBINSON: Are you saying he has

22. a remote; that once the alarm goes off, he could

23. activate the remote and that kills the boiler?

24. MR. DUNNAVANT: No. The boiler's

25. already down. The boiler is already down in an

1. e-stop. A limit --

2. MR. ROBINSON: So he has to -- so

3. once he gets the alarm, he has to physically go to a

4. panel and push an e-stop.

5. MR. DUNNAVANT: No. He -- some --

6. MR. ROBINSON: And that could take up

7. to five minutes.

8. MR. DUNNAVANT: No. Some personnel

9. would have a secure password to e-stop remotely, but

10. that's all they can do, is an e-stop. And that

11. e-stop can only be activated if there is a current

12. alarm. So no one could come in and just hit that

13. remote and e-stop the boiler. You can't just cut it

14. off for, you know, a nuisance situation or

15. something. It has to be an incident in which an

16. e-stop would be required.

17. MR. ROBINSON: And you have to have a

18. password?

19. MR. DUNNAVANT: Yes.

20. MR. ROBINSON: And how long?

21. MR. DUNNAVANT: That could be

22. instantaneous.

23. MR. FLOWERS: Instantaneous.

24. MR. DUNNAVANT: As quick as you could

25. get a text. As quick as you could receive a text.

1. MR. ROBINSON: So back to Chairman

2. More -- Brian's statement. Is the remote monitoring

3. station 100 percent occupied?

4. MR. FLOWERS: Not on the weekends.

5. There's not someone physically -- I'm not going to

6. say there's someone physically standing in front of

7. that station, but they are on the facility, inside

8. the building there, within minutes physically to the

9. boiler, but also the ability to instantly e-stop if

10. there is an issue. Also will still be in place

11. would be their horns and their physical alarms that

12. are there now, as well.

13. CHAIRMAN MORELOCK: Well, I'm just

14. going to maintain my statement. I'm going to leave

15. it up to you. You need continuous monitoring --

16. remote monitoring of the boiler.

17. MR. FLOWERS: Okay.

18. CHAIRMAN MORELOCK: Or the 20-minute

19. rule. And I'm going to leave that up to you. Okay?

20. MR. FLOWERS: And when you say

21. continuous monitoring of the boiler, you mean of the

22. remote station?

23. CHAIRMAN MORELOCK: Uh-huh.

24. MR. FLOWERS: Okay.

25. CHAIRMAN MORELOCK: Because with the

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1. 20-minute rule, you've got your boiler attendant  
2. checking it every 20 minutes with the remote, you've  
3. got a continuously manned remote monitoring system  
4. with the boiler attendant checking the boiler every  
5. four hours. So you've got to satisfy those  
6. requirements.  
7. MR. FLOWERS: Okay.  
8. CHAIRMAN MORELOCK: Okay?  
9. MR. FLOWERS: Could that --  
10. CHAIRMAN MORELOCK: I'll leave that  
11. up to you. Yes?  
12. MR. HARGROVE: Just for  
13. clarification, when the alarm -- when there is an  
14. alarm, I heard a statement said that a text is sent  
15. to who to respond?  
16. MR. FLOWERS: That would be the --  
17. whoever has the responsibility for the boiler during  
18. that time. During regular hours, production hours,  
19. it is the maintenance staff, or on the weekends, it  
20. is the security personnel.  
21. MR. HARGROVE: So the alarm system  
22. sends a text.  
23. MR. DUNNAVANT: Yeah. It's many  
24. forms of communication. It could be a text, an  
25. e-mail; there's -- I mean, there's probably 10

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1. different ways you could do it. It could actually  
2. be an old-fashioned phone call explaining what limit  
3. tripped and why the boiler was down. There's  
4. several different ways they could be notified.  
5. But it would be the responsible  
6. person or personnel on duty at that time, because  
7. there are swing shifts involved. That's why it's  
8. difficult to say, okay, it's Bob -- you know, to  
9. so-and-so to so-and-so, because there's going to  
10. be a lot of training involved to make sure  
11. everybody's on board.  
12. MR. HARGROVE: Okay. All right.  
13. Thank you, sir.  
14. MR. FLOWERS: Yeah, and I do  
15. understand your point. I would like to make one  
16. comment that the way that we've got this system set  
17. up actually reacts a little bit quicker than if  
18. someone were implementing the 20-minute rule.  
19. CHAIRMAN MORELOCK: Right.  
20. MR. FLOWERS: So we feel like we've  
21. met the criteria. We'll be glad to, I guess,  
22. clarify that in the manual about how we will address  
23. that issue.  
24. CHAIRMAN MORELOCK: Well, I mean, I  
25. understand your point. You're saying that this

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1. notification is faster than 20 minutes, but when  
2. you're using the variance, the 20-minute rule has  
3. been set aside to have continuous monitoring.  
4. MR. FLOWERS: That's correct.  
5. CHAIRMAN MORELOCK: So -- because  
6. with that logic, we could say, as long as the remote  
7. monitor acts in 20 minutes, we're okay, and  
8. that's --  
9. MR. DUNNAVANT: Right.  
10. MR. FLOWERS: No, no. No, no.  
11. CHAIRMAN MORELOCK: -- not what we're  
12. going to say.  
13. MR. FLOWERS: No, and I don't mean --  
14. I guess the question that I would have is, what  
15. would you consider continuous monitoring? Because  
16. we, I guess, sort of interpret this control system  
17. that we're using with instant notification as  
18. continuous monitoring.  
19. CHAIRMAN MORELOCK: Well, the control  
20. system is doing its job. No doubt about that. But  
21. you have a remote monitoring station that's part of  
22. that, and it has to be manned continuously in some  
23. shape, form, or fashion so that when something  
24. occurs, there's somebody to react to it. And, see,  
25. their reaction then triggers something to the boiler

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1. attendant that he's going to have anywhere from a  
2. minute to three minutes to get to the boiler room.  
3. So, you know, with a text or an  
4. e-mail or something like that -- I mean, to me,  
5. this guy would have to be walking around looking  
6. at his phone all the time. I mean, because I get  
7. texts and e-mails but sometimes I don't check them  
8. for an hour later. You know? I mean, so I  
9. understand what you're doing, but I think in the  
10. interest of safety and maintaining the boiler, you  
11. just need to -- however you want to show that, but  
12. you need to show that somebody is continually  
13. manning your remote monitoring station.  
14. MR. DUNNAVANT: Well, that would  
15. technically be part of his job.  
16. CHAIRMAN MORELOCK: Yes.  
17. MR. FLOWERS: Yeah. And that will be  
18. a dedicated device.  
19. CHAIRMAN MORELOCK: And that goes  
20. back to -- right.  
21. MR. FLOWERS: It won't be somebody's  
22. cell phone.  
23. CHAIRMAN MORELOCK: That goes back to  
24. adding --  
25. MR. FLOWERS: It's a dedicated

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1. device --  
2. CHAIRMAN MORELOCK: Yeah.  
3. MR. FLOWERS: -- specifically for  
4. this purpose.  
5. CHAIRMAN MORELOCK: Yeah. Yeah. So  
6. I mean, you could have -- you know, you can have  
7. people rotate in and out of the monitoring  
8. station --  
9. MR. DUNNAVANT: Right.  
10. MR. FLOWERS: Okay.  
11. CHAIRMAN MORELOCK: -- but it's  
12. continuously monitored throughout the day,  
13. throughout the shift.  
14. MR. FLOWERS: Okay. All right.  
15. CHAIRMAN MORELOCK: And that's what  
16. you see with -- McKee even has that. So again,  
17. we're not going to tell you how to ride it, but  
18. just -- we just want -- and we're going to clarify  
19. that and it's being captured in the minutes that  
20. that's one of our comments about your manual. So --  
21. MR. FLOWERS: Understood.  
22. CHAIRMAN MORELOCK: Okay? Yes?  
23. MR. BAUGHMAN: Just thinking of a  
24. scenario, Lionel and David, yourself. And my only  
25. issue's on the weekends, not so much during the

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1. week. But on the weekends where there's security  
2. personnel and not so much maintenance personnel  
3. available, should there be an alarm or a -- any kind  
4. of incident where something goes on with the boiler,  
5. the security personnel have the ability and all to  
6. shut things down. Who then, though, goes in and  
7. identifies the problem? Because that boiler's not  
8. supposed to come back on until the situation has  
9. been identified and rectified, not so much just  
10. reset, but figured out what's gone on. Who does  
11. that during that period of time on the weekend?  
12. MR. KINSER: That would be either the  
13. supervisor or it might be the plant -- the manager,  
14. the maintenance manager and/or anybody else that's  
15. qualified to go in there. And in a lot of cases, we  
16. have folks that are on call in the maintenance  
17. department and we might have one or two that, you  
18. know, they have to choose. If they couldn't get  
19. ahold of this one, they go down the list and say, we  
20. need somebody in here to come in.  
21. And it's not uncommon that we have --  
22. we have one new refrigeration system that has the  
23. same type of thing where we have to have these  
24. same people that walk around and make sure  
25. everything's running the way it should be running,

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1. and we -- basically, this same procedure we do  
2. with that would be with the boilers (verbatim).  
3. MR. BAUGHMAN: Got you.  
4. MR. FLOWERS: Yeah, in no time would  
5. security personnel ever be responsible for  
6. restarting the boilers.  
7. MR. DUNNAVANT: No.  
8. MR. BAUGHMAN: You knew that's what  
9. was coming. Okay.  
10. MR. FLOWERS: Yeah. At no time --  
11. MR. BAUGHMAN: All right.  
12. MR. FLOWERS: They have one job.  
13. MR. BAUGHMAN: Okay. Okay.  
14. MR. FLOWERS: That is to hit an  
15. e-stop and then the normal maintenance folks step  
16. in.  
17. MR. BAUGHMAN: Good. Then my next  
18. question would be, it sounds like at times there may  
19. not be personnel on site, that they would be called  
20. to come in from off site to then identify it.  
21. During that period of time, that boiler would  
22. operate under the 20-minute rule by somebody  
23. qualified; is that correct?  
24. MR. KINSER: That would be correct.  
25. MR. FLOWERS: That is correct. Yeah.

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1. MR. BAUGHMAN: Okay.  
2. MR. FLOWERS: Let me clarify. If  
3. it's the weekend and security personnel has to hit  
4. an e-stop, that's as far as they go.  
5. MR. DUNNAVANT: Exactly.  
6. MR. FLOWERS: Maintenance comes in  
7. and any time the variance is suspended -- we say  
8. this in the manual -- that we revert back to the  
9. 20-minute rule.  
10. MR. BAUGHMAN: Got you. How long of  
11. a time could it possibly be before somebody came in?  
12. MR. KINSER: Well, it depends on  
13. which one is called, but I would say anywhere from  
14. five minutes to maybe 20 minutes depending on where  
15. they're coming from.  
16. MR. BAUGHMAN: Okay. Thank you.  
17. MR. PISCHKE: Mr. Chairman?  
18. CHAIRMAN MORELOCK: Okay. Yes. Go  
19. ahead.  
20. MR. PISCHKE: I wanted to expand on  
21. the training a little bit. The security personnel,  
22. are they employees or are they subcontracted?  
23. MR. FLOWERS: They are subcontracted.  
24. MR. PISCHKE: How do we guarantee  
25. that they're trained to carry the device and to hit

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1. the e-stop and know what that's all about? Because  
2. I know, from my experience, subcontracted security  
3. personnel rotate out quite often. And so how do  
4. they -- how do you ensure their training?  
5. MR. FLOWERS: We'll be working with  
6. that vendor as Mayfield will, obviously to -- those  
7. folks will go through the same exact training on the  
8. variance that the employees do. And at no time  
9. would any security personnel on site that is not  
10. trained in the variance be responsible for it.  
11. MR. PISCHKE: Is there, like, a  
12. certification program or something that you document  
13. that this person has been trained?  
14. MR. FLOWERS: We've got a training  
15. sheet in the back and we will document it there.  
16. There's not a -- I'm aware of a certification. We  
17. will do the training with Mayfield and with the  
18. security company.  
19. MR. PISCHKE: And that goes with new  
20. employees, as well?  
21. MR. FLOWERS: Yes, sir.  
22. MR. DUNNAVANT: Yes, sir.  
23. MR. FLOWERS: Absolutely. At no time  
24. will anybody who has not been -- gone through this  
25. training on this manual ever be in a position to

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1. operate under the variance.  
2. MR. PISCHKE: Okay. Thank you. That  
3. should be clarified a little more.  
4. MR. ROBINSON: Yeah. I was just  
5. looking in your manual just to see exactly. I think  
6. it's page 40 for your training program. It doesn't  
7. say security.  
8. MR. FLOWERS: Well, this is -- this  
9. section pertains to the employees and their general  
10. training, not the general training on the --  
11. CHAIRMAN MORELOCK: That's the boiler  
12. attendant. Page 41 would be the --  
13. MR. FLOWERS: Not the variance  
14. training.  
15. CHAIRMAN MORELOCK: -- remote  
16. monitoring.  
17. MR. CHAPMAN: Oh, this is the  
18. maintenance people.  
19. MR. PISCHKE: That's why I was  
20. wondering if --  
21. MR. ROBINSON: Okay.  
22. MR. PISCHKE: -- you could expand  
23. on --  
24. MR. ROBINSON: Yeah, that last  
25. statement to that last paragraph, you've got,

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1. training should be repeated on an annual basis for  
2. all employees within the group. You ever get new  
3. employees, new security guys?  
4. MR. FLOWERS: I'm sorry?  
5. MR. ROBINSON: You ever get new  
6. security personnel coming in?  
7. MR. FLOWERS: I would imagine so.  
8. Yes, sir.  
9. MR. ROBINSON: You may want to add  
10. new employees also or new security -- something to  
11. tie -- put the responsibility back.  
12. MR. FLOWERS: Well, I say there in  
13. paragraph four, I think, all future new personnel --  
14. CHAIRMAN MORELOCK: Right.  
15. MR. ROBINSON: One, two, three, four?  
16. CHAIRMAN MORELOCK: Yeah. All --  
17. right.  
18. MR. FLOWERS: -- assigned to any of  
19. the groups.  
20. CHAIRMAN MORELOCK: Right. You do.  
21. MR. FLOWERS: Is that --  
22. MR. ROBINSON: Yeah. I see it.  
23. MR. FLOWERS: Would you like further  
24. clarification or specifically mention --  
25. MR. ROBINSON: No, no.

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1. MR. FLOWERS: The security there?  
2. MR. ROBINSON: You -- that may be  
3. enough. Let me look at it again.  
4. CHAIRMAN MORELOCK: Yeah.  
5. MR. PISCHKE: Where is that?  
6. MR. ROBINSON: It's paragraph four on  
7. 41.  
8. MR. HARGROVE: A point can be made,  
9. though, is that when you have a new personnel, that  
10. doesn't wait until this annual training is done.  
11. Hopefully, that is done immediately --  
12. MR. DUNNAVANT: Immediately.  
13. MR. FLOWERS: It is.  
14. MR. HARGROVE: -- versus at some  
15. point months later, after a new employee --  
16. MR. DUNNAVANT: Right.  
17. MR. HARGROVE: -- has joined that  
18. organization.  
19. MR. FLOWERS: No. Again, at no time  
20. would anyone who has not been thoroughly trained on  
21. this and has exhibited aptitude for it --  
22. MR. HARGROVE: Yes, sir.  
23. MR. FLOWERS: -- ever be put in that  
24. position.  
25. MR. HARGROVE: All right. Excellent.

1. CHAIRMAN MORELOCK: Okay. All right.
2. I've just got a few editorial comments to make.
3. With the issuance of our latest revision to Rule
4. 0800-03-03, Rule 22 is now 0800-03-03-.08 11A
5. instead of Rule 22. So you'll just need to update
6. your manual to show the new --
7. MR. FLOWERS: Is that on page nine
8. we're talking about there?
9. CHAIRMAN MORELOCK: Yes. And in the
10. cover letter and --
11. MR. DUNNAVANT: All of it.
12. CHAIRMAN MORELOCK: Yeah. All
13. instances of that where it would occur. So you'll
14. just need to update with the correct rule.
15. MR. FLOWERS: Okay.
16. CHAIRMAN MORELOCK: And that -- like
17. I said, that just was -- went into effect in
18. September, so I understand.
19. MR. FLOWERS: Well, we were working
20. on this one for a while. So -- but I'll be glad to
21. get that changed.
22. CHAIRMAN MORELOCK: Okay. As far as
23. on the checklist, Item 11, who has responsibility to
24. keep the manual current, page nine and page 35
25. contradict each other as to who is going to be

1. responsible. You've got Mr. Kinser being
2. responsible and then you've also got --
3. MR. FLOWERS: Mike McGrew?
4. CHAIRMAN MORELOCK: Yeah. So --
5. MR. ROBINSON: That's on page 39?
6. CHAIRMAN MORELOCK: Yeah. Just page
7. nine and page 35. Just -- like I said, it's an
8. editorial. You just make sure it's consistent on
9. who's responsible. On your power piping sketch on
10. page 21, it just needs to be labeled as a power
11. piping system, feed system. The sketch is there.
12. It just doesn't have a title to it.
13. Let's see. You've addressed the
14. training concerns, and we've already talked about
15. all the other things. We want to make sure that
16. the remote attendant cannot be called away. You
17. have somebody there continuously. You need to add
18. maintenance personnel to your organizational chart
19. and to the job descriptions.
20. On page nine, you show the distance
21. between the remote monitor and the boilers as 150
22. feet. Page 22 and 34 say it's 100 yards, so
23. you -- again, you've got some inconsistency there.
24. MR. FLOWERS: And what may have
25. happened there is we changed where that station was

1. going to be and that may be part of the discrepancy.
2. But I will clarify that.
3. CHAIRMAN MORELOCK: Okay.
4. MR. KINSER: I think we actually did.
5. CHAIRMAN MORELOCK: And let's see.
6. Okay. So my last comment is on page 43, and on item
7. one, you just -- you make a general statement. With
8. announcement of the alarm, the on-duty person
9. assigned to execute the variance procedure shall
10. press the e-stop, but who is that? You know? You
11. may want to just clarify again, because when you
12. have a site visit, they're going to want to know,
13. you know, one, want to make sure that what you're
14. doing in the field and in the manual matches. So --
15. MR. DUNNAVANT: Okay.
16. CHAIRMAN MORELOCK: -- that's a
17. general statement. We don't really know who that
18. is. So just clarify that.
19. MR. FLOWERS: Okay.
20. CHAIRMAN MORELOCK: And that's all
21. the comments I have in addition to --
22. MR. BAUGHMAN: I've got one.
23. CHAIRMAN MORELOCK: Yes.
24. MR. BAUGHMAN: I'm sorry.
25. CHAIRMAN MORELOCK: Go ahead.

1. MR. BAUGHMAN: To follow that extent,
2. on page number 43, David or Lional, it says in item
3. number one, shall proceed immediately to the boiler
4. room and enter when he believes it is safe to do so
5. and press the e-stop button. Is the e-stop inside
6. the boiler room or is it external?
7. MR. DUNNAVANT: There are actually
8. several. That was put in there for -- in the event
9. that someone was actually on the premises, near the
10. maintenance shop, there will be e-stops, like,
11. required by code in the boiler room, in and out,
12. that were required by most insurance companies. And
13. there will also be one in the break room, as well as
14. the maintenance shop. So --
15. MR. BAUGHMAN: So there is one
16. external --
17. MR. DUNNAVANT: Yes.
18. MR. BAUGHMAN: -- that they do not
19. have to enter the boiler room.
20. MR. DUNNAVANT: Yes. They do not
21. have to enter.
22. MR. BAUGHMAN: Okay.
23. CHAIRMAN MORELOCK: Okay. Any other
24. comments? Yes?
25. MR. ROBINSON: One request. Page 41.



1. I see training should be conducted by  
 2. Mr. Rick Kinser. Could you put in there  
 3. responsibility -- this training should be conducted  
 4. and the responsibility of -- this ties the loophole  
 5. between security --  
 6. MR. DUNNAVANT: Okay.  
 7. MR. ROBINSON: -- and whoever else  
 8. comes in there because it's his responsibility.  
 9. MR. DUNNAVANT: Trained by and  
 10. responsibility of.  
 11. MR. ROBINSON: So if it's not done --  
 12. MR. FLOWERS: Okay.  
 13. MR. ROBINSON: -- at least we know.  
 14. CHAIRMAN MORELOCK: Anything else?  
 15. Okay. Hearing none, do I have a motion?  
 16. MR. ROBINSON: Motion to vote?  
 17. CHAIRMAN MORELOCK: Yes, sir.  
 18. MR. PISCHKE: Second.  
 19. CHAIRMAN MORELOCK: Okay. So I need  
 20. a motion. Or -- I need a little more detail than  
 21. that.  
 22. MR. ROBINSON: Motion to vote based  
 23. on discussion and contingency comments --  
 24. CHAIRMAN MORELOCK: To approve --  
 25. you're going to vote to approve?

1. MR. ROBINSON: To approve.  
 2. CHAIRMAN MORELOCK: Contingent on the  
 3. site inspection by the chief inspector? Okay.  
 4. MR. ROBINSON: Yes, sir.  
 5. CHAIRMAN MORELOCK: Do I have a  
 6. second?  
 7. MR. PISCHKE: I have a second.  
 8. CHAIRMAN MORELOCK: Okay. We do have  
 9. one conflict of interest. Any other discussion?  
 10. Okay. I'm going to call the question. All in  
 11. favor, say, "aye."  
 12. MR. HARGROVE: Aye.  
 13. MR. PISCHKE: Aye.  
 14. MR. ROBINSON: Aye.  
 15. CHAIRMAN MORELOCK: Opposed?  
 16. Abstentions? Not voting? All right, gentlemen.  
 17. You have a contingently approved boiler variance.  
 18. And work with Mr. Chapman to get your site  
 19. inspection scheduled. Stone and them do a great job  
 20. getting the minutes published so that the chief  
 21. inspector will have our comments in addition to what  
 22. he comes up with at the site inspection.  
 23. Make sure your manual -- you'll want  
 24. to get your manual cleaned up before his site  
 25. inspection so everything can be checked off and

1. you'll be good to go.  
 2. MR. FLOWERS: Absolutely. I'll have  
 3. a copy of it beforehand.  
 4. CHAIRMAN MORELOCK: Okay. All right.  
 5. Thank you, gentlemen.  
 6. MR. FLOWERS: All right. Thank you.  
 7. MR. DUNNAVANT: Thank you.  
 8. CHAIRMAN MORELOCK: All right. Our  
 9. next item is 16-17, Buckman Laboratories.  
 10. Mr. Swezy, you can come and present. Are there any  
 11. conflicts of interest on this item? Okay. There  
 12. are none. So Mr. Swezy, you're free to proceed.  
 13. MR. SWEZY: I have the member sign-in  
 14. sheet. I don't know who that goes to.  
 15. MS. BENNETT: Thank you.  
 16. MR. SWEZY: Well, good morning,  
 17. members of the Board. Thank you for allowing me to  
 18. come before you this morning. My pleasure to  
 19. reappear again after my visit last June.  
 20. THE REPORTER: Could you please state  
 21. your name?  
 22. MR. SWEZY: Pardon me?  
 23. THE REPORTER: Could you please state  
 24. your name?  
 25. MR. SWEZY: Oh, I'm sorry.

1. John Swezy, and I'm president of Boiler Code Tech,  
 2. LLC. And I'm here representing Buckman Laboratories  
 3. in Memphis, Tennessee.  
 4. This particular appearance is to do a  
 5. number of things, to, first of all, revise an  
 6. existing variance that they have in place, and,  
 7. second of all, to renew this variance. And let me  
 8. just be real up front with you. Okay? This  
 9. company recognized that this variance needed to be  
 10. revised. They also recognized that it had not  
 11. been renewed since the last time it was approved  
 12. in 2008. And so there are two reapproval cycles  
 13. that did not take place because of changes of  
 14. management, organizational structure, and  
 15. ownership of equipment that caused that to lapse  
 16. and not be recognized as something that was  
 17. necessary.  
 18. And so after making them aware of  
 19. that, I told them that I'm going to have to plead  
 20. a mea culpa when I appear before this Board and  
 21. let you folks know that right up front. And they  
 22. clearly recognized that that was an oversight on  
 23. their part and they are very much recognizing that  
 24. it needs to be set right. And so that's part of  
 25. what we're here to do today.

<p style="text-align: right;">Page 61</p> <p>1. The other thing I will let you know  2. up front is that in the process of preparing for  3. this meeting, I reviewed the manual that was  4. submitted and found some significant areas that  5. needed to be addressed. And one of them is the  6. addition of a power piping diagram that needs to  7. appear in the manual. And so I've revised the  8. manual to add that, and I'm going to hand out some  9. copies to you all to refer to during this  10. discussion.</p> <p>11. And the second one is the fact that  12. the checklist that's in Appendix H of this manual  13. was an old version. It was Revision four, which  14. is not up to date. And so I've prepared a new  15. Revision nine version of that checklist. And so  16. with your permission, I'd like to hand out those  17. additions to the existing manual you have in front  18. of you now.</p> <p>19. And again, I apologize for bringing  20. that material to you at this late date. The  21. condition of this manual when I received it for  22. updating was not good. So it was something that  23. was overlooked and so we are addressing it now.</p> <p>24. There are a couple of other minor  25. revisions that I would like to read in for you to</p>	<p style="text-align: right;">Page 63</p> <p>1. give you those pages that I just handed out.  2. Okay. So having said that, let me  3. talk a little bit about what we're doing here.  4. There are two existing boilers, a Foster Wheeler  5. boiler and a Cleaver-Brooks 600-horsepower boiler,  6. that have been installed and operating with remote  7. operating stations under a previously approved  8. variance that was last addressed by this Board in  9. 2008. That system is still in place and still  10. being operated.</p> <p>11. And a new boiler was added to it  12. within the last year, another Cleaver-Brooks, this  13. one a 350-horsepower unit. And that boiler has  14. been inspected for installation and approval by  15. the State. It's been issued a Tennessee number  16. and a licensing -- I'm sorry, an operating permit.  17. And that boiler has since been tied into this  18. remote operating system, as well, but it's  19. currently not being operated pending approval of  20. this variance with the remote operational  21. requirements.</p> <p>22. It's intended to be a backup boiler,  23. and it was added for additional capacity in the  24. event that the Foster Wheeler boiler has to go  25. down because of its age. It would keep the</p>
<p style="text-align: right;">Page 62</p> <p>1. mark up the existing copy that you have. If you  2. could please -- if you would turn to page five.  3. On page five of the manual where it talks about  4. training, the first sentence has been revised to  5. add the requirement for the refresher training to  6. be conducted on an annual basis. It's not  7. currently part of the manual you have now. So if  8. you would just annotate that that first sentence  9. has been revised to require annual refresher  10. training on this manual.</p> <p>11. And then in Appendix A, the boiler  12. data sheet, page A1, you'll see the boilers listed  13. that are currently intended to be addressed by  14. this variance. The third column on the -- I'm  15. sorry. The fourth column on the far right where  16. it says, Cleaver-Brooks Boiler National Board  17. number 19304, I had incorrectly listed the  18. Tennessee registration number as not having the  19. letter T in front of it. And so if you would add  20. the letter T in front of 107596, that would  21. correct that page, as well.</p> <p>22. And again, those are corrected in a  23. revised copy of this manual, but rather than just  24. hand you a whole new manual, well, I figured it  25. was better to just read in those changes and then</p>	<p style="text-align: right;">Page 64</p> <p>1. 600-horsepower boiler from being overworked any  2. more than necessary. And so this is a -- not only  3. a contingent boiler, but it's also a boiler that  4. might be used in the event of a need for expanded  5. capacity at some point in the near future until  6. other arrangements could be made.</p> <p>7. Again, this boiler is installed. It  8. is operational. It's been inspected, it's been  9. certified, had a site inspection, and it's been  10. given an operating permit.</p> <p>11. And so the intent, then, of this  12. revised variance, then, is to add that boiler to  13. the existing variance and to have that variance  14. now be renewed properly at this point in time and  15. then be subsequently renewed from this point  16. forward on the three-year interval as specified by  17. your law.</p> <p>18. With that explanation, I guess the  19. best thing for me to do at this point would be to  20. throw it open for you to make comments, ask  21. questions based upon the review of the manual that  22. you were sent with the additions in the handout  23. that I've passed around.</p> <p>24. CHAIRMAN MORELOCK: Okay. Do I have  25. a motion for discussion?</p>

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1. MR. ROBINSON: Motion to discuss.  
2. CHAIRMAN MORELOCK: Second?  
3. MR. BAUGHMAN: Second.  
4. CHAIRMAN MORELOCK: Okay. The  
5. floor's open.  
6. MR. ROBINSON: Any conflicts?  
7. CHAIRMAN MORELOCK: Any -- we did  
8. that. I remembered. Any comments?  
9. MR. HARGROVE: First question:  
10. Mr. Swezy, could you, just for understanding and  
11. clarification, describe the remote monitoring system  
12. in terms of its components and e-stop requirements,  
13. if necessary, for that system that you have?  
14. MR. SWEZY: Right. If you will look  
15. at Appendix B, it gives you a detailed description  
16. of the burner controllers, the communication  
17. systems, the UHF communications between the boiler  
18. operator and the remote operating station, and the  
19. integrated control system. And these are all fairly  
20. common for Cleaver-Brooks boiler operations. The  
21. Hawk system is well-known among Cleaver-Brooks  
22. boiler operators.  
23. And again, in Appendix C, it gives  
24. you a list of all of the faults that the Hawk  
25. system will identify and provide safety functions

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1. and annunciation to the remote operating station  
2. to let the remote operator know what's going on  
3. with the boiler.  
4. The way this system works is if an  
5. alarm condition happens, the remote operator has  
6. been trained to shut the boiler down and contact  
7. the boiler operator. And the boiler operator is  
8. then to dispatch himself to the boiler room to  
9. identify the cause of the condition, clear the  
10. cause, if possible, and then notify the remote  
11. operating station to put a restart permissive  
12. switch in position to allow the boiler to be  
13. restarted by the operator in the boiler room.  
14. Okay?  
15. Now, if this fault condition, then,  
16. occurs and the boiler is shut down from the remote  
17. operating station, the boiler operator has one  
18. minute to respond and get to the boiler operating  
19. room in order to address the situation at hand.  
20. Any time any of the boilers are operating, the  
21. remote station is always manned. If for some  
22. reason it cannot be manned, then the 20-minute  
23. rule applies and the boiler operator is in the  
24. operating room.  
25. If for some reason in that condition

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1. the boiler operator must be gone for more than 20  
2. minutes, a security person who is stationed at the  
3. boiler room has been trained to shut down the  
4. boiler through an emergency stop system in the  
5. event of an alarm condition. So the condition is,  
6. in some ways, probably overly conservative, in  
7. that it puts the boiler in a shutdown, safe  
8. condition rather than trying to address  
9. immediately the cause of the alarm condition,  
10. because of the fact that there's not a boiler  
11. operator present in the boiler room to do so at  
12. all times --  
13. MR. HARGROVE: Okay.  
14. MR. SWEZY: -- unless we're under the  
15. 20-minute rule. Okay? I don't -- I hope that  
16. answered your question.  
17. MR. HARGROVE: Yeah. It did. And  
18. also, the personnel involved. I heard security  
19. officer and the control monitor, as you --  
20. MR. SWEZY: Right. The boiler  
21. operators are first-class licensed operators.  
22. MR. HARGROVE: First-class? Okay.  
23. MR. SWEZY: And so even when we're  
24. under the remote operating rule, one of those is on  
25. shift at all times. And every four hours, as a

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1. minimum, we'll go to the boiler room and check  
2. everything, in addition to the continuous remote  
3. operating taking place.  
4. If for some reason the communication  
5. says remote operating center is not operative or  
6. there's some other unusual situation where remote  
7. monitoring is not possible, then the boiler  
8. operator mans the boiler under the 20-minute rule.  
9. And if, for any reason, he cannot be back every 20  
10. minutes to check, the security officer has a  
11. backup responsibility of initiating a shutdown in  
12. the case of a boiler alarm condition. But that's  
13. his only trained function, is to put it in  
14. shutdown condition through the emergency stop  
15. system.  
16. MR. HARGROVE: And either of those  
17. individuals, I see -- like you have described in  
18. Appendix B, they may have a portable radio or pager  
19. or communication?  
20. MR. SWEZY: Right. It's a direct  
21. communication system. It's not a cell phone. It's  
22. not a, you know, text message. It's either a pager  
23. or a UHF radio system. A walkie-talkie, if you  
24. will.  
25. MR. HARGROVE: Yes, sir. Thank you,

1. sir.

2. CHAIRMAN MORELOCK: Any other

3. comments?

4. MR. BAUGHMAN: Yes, sir. What kind

5. of control -- for one -- I'll revise that. The last

6. variance was 2008?

7. MR. SWEZY: That's the last time that

8. it was brought before this Board, because of their

9. revision to their variance that installed this

10. system that we're now talking about.

11. MR. BAUGHMAN: Sir, are we still

12. talking about a revision to a variance? Or since

13. this is eight years since it's been presented, are

14. we needing to look at this as a new variance? How

15. long does a variance go before we consider it new

16. instead of a --

17. MR. HARGROVE: Revised.

18. MR. BAUGHMAN: -- revised?

19. CHAIRMAN MORELOCK: Well, based on

20. history, which is all I can give you, we have some

21. variances that are very old, that the State has been

22. giving them some grace to renew them without having

23. to submit a new variance and a new manual if there's

24. no technical changes. Any technical changes, any

25. updates have to come before the Board.

1. MR. BAUGHMAN: Technical changes

2. being equipment --

3. CHAIRMAN MORELOCK: Controls.

4. MR. BAUGHMAN: -- upgrades --

5. CHAIRMAN MORELOCK: Right.

6. MR. BAUGHMAN: Okay.

7. CHAIRMAN MORELOCK: Yes. Yeah.

8. MR. BAUGHMAN: So then to that

9. followup, has there been any control changes? I.e.,

10. question on the Foster Wheeler: Given it's 1960 and

11. it's still operational, what controls does it have

12. on it?

13. MR. SWEZY: The same ones that were

14. identified in the 2008 variance that was approved.

15. MR. BAUGHMAN: Okay. So no control

16. changes have been made since 2008; no revisions, no

17. upgrades, parts being obsoleted, needing to be

18. upgraded, so forth.

19. MR. SWEZY: That's my understanding,

20. yes, sir.

21. MR. BAUGHMAN: That's your

22. understanding. Okay.

23. MR. SWEZY: Now, when I say, that's

24. my understanding, I'm saying that based on the fact

25. that I have not personally put my eyeball on the

1. system and verified that to be 100 percent accurate,

2. but it's been the report of the owner that that is

3. the case.

4. MR. BAUGHMAN: I understand. What

5. brought this up in the first place?

6. MR. SWEZY: Well, when I came before

7. you folks in June for a couple of State specials,

8. when I reported back to the owner, he said, we've

9. got another issue we've identified that we need to

10. deal with, and he began to tell me that they had

11. this variance that had been in place for a while.

12. They had added a new boiler and connected it to the

13. system and he wanted to be able to operate it under

14. the same variance conditions. And so I said, okay.

15. Well, send me the information. Let me see what

16. you've got and let me see what we've got to do.

17. So they sent me this manual that was

18. just a complete disaster. It just wasn't well put

19. together. And in fact, the quality of the images

20. and the text and everything was just unbelievably

21. bad. So I went through the process of rewriting

22. the manual based on my understanding of what was

23. in the original manual and sent it back to them

24. for review and comment, and they said, yes, you've

25. captured it accurately, including the new boiler

1. that we've added, and so we believe we're ready to

2. proceed.

3. And I said, so, okay, next question.

4. When was the last time this variance was renewed?

5. And they said, well, we had just recently come to

6. understand that it should have been renewed in

7. 2011 and 2014, and it was not. And I said, well,

8. thank you. Now I get to present that aspect to

9. the Board, as well.

10. So, you know, I get to be the

11. reluctantly martyred messenger, if you will, to

12. bring that fact to your attention. But your

13. question that you asked the Chair before was a

14. very good one. It was my understanding that this

15. was only going to be a revision to an existing

16. variance, but now it carries a different flavor

17. because it has missed two renewal cycles. So it's

18. probably an appropriate question to ask: Is this

19. a new variance or is this a revisal of an existing

20. variance?

21. MR. BAUGHMAN: And you didn't --

22. MR. SWEZY: And that's a question I'm

23. not equipped to answer, to be honest with you.

24. MR. BAUGHMAN: Excuse me. I didn't

25. mean to step on you there. You reviewed their

1. previous manual.  
 2. MR. SWEZY: Yes.  
 3. MR. BAUGHMAN: And you said it was --  
 4. in what words did you --  
 5. MR. SWEZY: It was a mess because of  
 6. the legibility of the document and some of the  
 7. information in it was just -- the syntax of the  
 8. sentences and the formatting were just awful. And  
 9. it needed a lot of clean-up work. It had all the  
 10. right elements in it; it just did not present well.  
 11. MR. BAILEY: Is this the manual that  
 12. was approved in 2008?  
 13. MR. SWEZY: The copy of the manual  
 14. that was approved in 2008. And that's the problem,  
 15. is that original manual, the one that they sent me,  
 16. was a very botched-up pdf. And so I had a lot of  
 17. work to do to get it in a functional manual to where  
 18. you've got in front of you right now.  
 19. MR. BAUGHMAN: Wow.  
 20. MR. SWEZY: And all the words were  
 21. there, like I said. It just was not -- it wasn't  
 22. pretty and it didn't read well, because it didn't  
 23. flow very good.  
 24. MR. BAUGHMAN: I understand. And I  
 25. got to say, I appreciate your candor in discussing

1. this very much. That's somewhat bothersome to me,  
 2. but it is what it is.  
 3. CHAIRMAN MORELOCK: Well, before we  
 4. leave that, it would be interesting to know if the  
 5. Board comments from 2008 were incorporated into the  
 6. manual that you had given to you to do this addition  
 7. of the boiler, because that's -- you know, the  
 8. manuals come to us, go through this process, we make  
 9. comments; approval is contingent upon a site visit.  
 10. But just as we told Mayfield, they have to go back  
 11. and revise that manual.  
 12. Now, we don't go back and look at  
 13. that revised manual. We leave that with the site  
 14. inspection. So it could be that what they sent  
 15. you was what they sent to us, and if you -- our  
 16. minutes are public documents. You could go out  
 17. and look at the 2008 minutes and see what our  
 18. comments were on that 2008 manual.  
 19. MR. SWEZY: And to my understanding,  
 20. those comments were implemented.  
 21. CHAIRMAN MORELOCK: Okay.  
 22. MR. SWEZY: Based upon the  
 23. information that I was given.  
 24. CHAIRMAN MORELOCK: Yeah. I've --  
 25. question?

1. MR. TOTH: Mr. Chairman, when I was  
 2. Chief, we used to keep an actual copy of the manual  
 3. from the inspection. So it should be -- if that was  
 4. still followed --  
 5. CHAIRMAN MORELOCK: Right.  
 6. MR. TOTH: -- after I left in late  
 7. 2007, there should be a copy of that inspection  
 8. manual somewhere on the premises.  
 9. THE REPORTER: I'm sorry, what is  
 10. your name?  
 11. MR. TOTH: Oh, I'm sorry.  
 12. Marty Toth, T-O-T-H.  
 13. MR. SWEZY: And I had a copy that I  
 14. could have presented along with the one that I did  
 15. today, but I thought, what is the use to see this --  
 16. CHAIRMAN MORELOCK: Yeah.  
 17. MR. SWEZY: -- manual that just does  
 18. not present well?  
 19. CHAIRMAN MORELOCK: Well, and just  
 20. for public knowledge and public record, Sam and  
 21. Deborah are -- they've developed a spreadsheet for  
 22. the variances. They are doing a great job of  
 23. getting all those caught up. And we have not  
 24. written anything into the guidelines that tells you  
 25. what happens if you don't renew your variance.

1. There's nothing in the law for that. It's all just  
 2. in our variance documents.  
 3. So -- now, with the addition of  
 4. 110(f), we do have a little more teeth in that  
 5. now, because that makes a blanket statement about  
 6. variances in 68-122-110(f), which was added last  
 7. year.  
 8. So my -- I say all that to say this:  
 9. The Boiler Unit is getting this under control.  
 10. Moving forward, yes, variances need to be renewed  
 11. every three years or you have to come back with a  
 12. new variance. But we're giving some grace to some  
 13. of these old variance holders to let them get  
 14. their program up to date, get it to us, get it to  
 15. the Boiler Unit, and then moving forward,  
 16. everybody's on a level playing field on what the  
 17. requirements are. And so that's kind of a status  
 18. as to where we're at.  
 19. MR. SWEZY: Well -- and I appreciate  
 20. that. And when I spoke with the contact at Buckman  
 21. last week, I told him -- I said, I don't know what  
 22. the outcome of this is going to be. You may be  
 23. subjected to some kind of penalties or fines or  
 24. whatever. I don't know, because I can't find  
 25. anything in the boiler law that tells me that such a

1. process is in place.  
 2. CHAIRMAN MORELOCK: Well, and  
 3. again -- and, you know, to answer that is, the only  
 4. penalties and teeth in the law is if you operated a  
 5. pressure vessel or a boiler above its stamped MAWP  
 6. or you operate a boiler or an unfired pressure  
 7. vessel without a valid certificate of inspection.  
 8. Those are the only two offenses that bring fines and  
 9. penalties.  
 10. MR. SWEZY: Right.  
 11. CHAIRMAN MORELOCK: So --  
 12. MR. BAUGHMAN: I would like to follow  
 13. up, though, on that control end of it, because  
 14. they're not here to represent themselves. They're  
 15. leaving it upon yourself.  
 16. And so you've got, to the best of  
 17. your knowledge, bringing this to the table -- but  
 18. being that we've got a 1960, a 1993, and a 2015,  
 19. depending upon when those controls were installed,  
 20. they very well may have been upgraded, so forth,  
 21. or changed. And so in here, in our manual, we're  
 22. listing out the controls in a generic form for the  
 23. Hawk or the original CV Hawk. But just from that  
 24. technical standpoint, I'd like to go back and  
 25. confirm what controls may have been changed out

1. during that process.  
 2. MR. SWEZY: And I think that would be  
 3. an appropriate thing to do that I think would  
 4. probably be part of the site inspection.  
 5. CHAIRMAN MORELOCK: Yes.  
 6. MR. SWEZY: That would be done on the  
 7. part of the Chief and his people. But I didn't  
 8. know, you know, how the Board would view that.  
 9. MR. BAUGHMAN: Sure.  
 10. MR. SWEZY: To my knowledge and  
 11. understanding, the equipment listed here is the  
 12. equipment that was installed at the time that the  
 13. 2008 variance approval took place and that there  
 14. have been no significant changes since then other  
 15. than the addition of the new boiler to this  
 16. arrangement.  
 17. MR. BAUGHMAN: The DA tank for this  
 18. system -- since we've added a boiler, has the DA  
 19. changed in its size or did they change the DA  
 20. itself?  
 21. MR. SWEZY: I do not know.  
 22. MR. BAUGHMAN: Okay. Now that -- I  
 23. mean, it was originally for two boilers and now  
 24. we've added a third, I'm interested to know --  
 25. MR. SWEZY: And it may well have had

1. sufficient capacity to take on a new boiler, but I  
 2. just do not know.  
 3. MR. BAUGHMAN: Okay.  
 4. MR. SWEZY: I wasn't given that  
 5. information.  
 6. MR. BAUGHMAN: It would be  
 7. interesting to know just for my -- from a technical  
 8. standpoint. On page 11, the call list, the  
 9. emergency boiler call list, it gives staff functions  
 10. as far as utilities operator, maintenance  
 11. supervisor, and production supervisor. And then it  
 12. says, see call list. And it says, this call list  
 13. changes from time to time depending upon the  
 14. individuals available.  
 15. That would be a lot to keep up with  
 16. as far as the call list, and I don't know how to  
 17. address that. It's just that being the lack of  
 18. attention to detail so far, it leaves me somewhat  
 19. concerned that the call list itself may not be  
 20. kept up with to the degree that it needs to be.  
 21. MR. SWEZY: Well, your comment is  
 22. appreciated. And I will say that this is only  
 23. intended to be a template of the actual call list,  
 24. obviously.  
 25. MR. BAUGHMAN: Okay.

1. MR. SWEZY: And that that call list  
 2. is updated and posted in the remote operating  
 3. station for that remote operator. Again, you may be  
 4. right. The one that's posted in the remote  
 5. operating station may not be as up to date as we'd  
 6. like for it to be, but I'd have no way of verifying  
 7. that.  
 8. CHAIRMAN MORELOCK: Well, and to add  
 9. to Mr. Baughman's comment, yes, they need to have an  
 10. updated call list. However, we have cautioned  
 11. companies that submit a variance request, if you put  
 12. specific information in this manual and you change  
 13. it, it's an editorial change and it has to be  
 14. approved by the Chief Inspector. So you want to be  
 15. careful what -- you know, list job titles more so  
 16. than individual names, because if those individuals  
 17. change, you have to revise your manual and get it  
 18. approved by the State.  
 19. So this could be -- I'm not saying it  
 20. is. You know, maybe they should just list a  
 21. generic call list so we can see what it looks like  
 22. and put generic information on it, and then the  
 23. one in the field, like you said, would have the  
 24. pertinent information at that time.  
 25. MR. BAUGHMAN: And then my last

1. comment under H3, item number 32: Does the system
2. operating manual include a manual log listing all
3. the manual holders? And the answer was, NA.
4. MR. SWEZY: Yeah, because there are
5. no actual manual holders. There's one present in
6. the boiler operating room and there's one present in
7. the remote operating station. And that is described
8. on pages five and seven as annotated on page H-3 of
9. the new handout that I gave you. And it
10. specifically says those are the only two copies of
11. the manual that are present in the plant, is the one
12. in the operating room and the one in the remote
13. monitoring station.
14. MR. BAUGHMAN: One in the operating
15. room --
16. MR. SWEZY: And one in the remote --
17. MR. BAUGHMAN: -- and one at the
18. remote station --
19. MR. SWEZY: Right.
20. MR. BAUGHMAN: -- and that's it. No
21. other holders?
22. MR. SWEZY: No. Other than probably
23. the original who's in the hands of the
24. vice-president of operations, who is reasonable for
25. issuing this manual.

1. MR. BAUGHMAN: Interesting.
2. CHAIRMAN MORELOCK: Well -- and so
3. you could include a log just saying, boiler room,
4. remote station, as a log for --
5. MR. SWEZY: Yeah. If there was more
6. than just the two copies, there would probably be a
7. log showing who was in charge of those manuals and
8. had them. I frankly actually liked the fact that
9. there's only two manuals in there in the places
10. where they're the most needed.
11. CHAIRMAN MORELOCK: Yeah.
12. MR. SWEZY: Because I've been
13. involved in quality control systems where there's 15
14. manual holders and making sure all 15 of those
15. manual holders have the latest and greatest
16. up-to-date manual and don't have an obsolete version
17. rat-holed away somewhere that you don't know
18. anything about --
19. MR. BAUGHMAN: Sure.
20. MR. SWEZY: -- can be a real problem.
21. And as a quality control manager, one of the things
22. I've done in situations like that is to go and make
23. sure that I remove and destroy the old copies so
24. that that doesn't happen --
25. MR. BAUGHMAN: Right.

1. MR. SWEZY: -- when I issue a new
2. copy.
3. MR. BAUGHMAN: Yeah. My concern
4. was -- back to our conversation earlier, you said
5. the original manual was not very well laid out, and
6. I didn't know how much information was in there. If
7. one manual is in the boiler room and the boiler
8. room's the concern, i.e. steam leak, fire, what have
9. you, that leaves us one place and only one place
10. else that there's a manual and that's in the remote
11. station.
12. So that gives us the possibility of
13. there being only one location to have this manual,
14. and that was more of my concern, because that
15. manual contains contact info, telephone numbers,
16. fax numbers, and so forth. So being that the call
17. list has to be updated, I just had a concern with
18. there being a possibility of one manual and one
19. manual only if there's an incident in the boiler
20. room itself. And that's where the two manuals are
21. at, the boiler room and the remote station.
22. MR. SWEZY: Right.
23. MR. BAUGHMAN: So --
24. MR. SWEZY: Well, the remote station
25. one, unless there's subsequently a fire in the

1. remote monitoring station, it would always be
2. available and readily accessible. So that's good,
3. at least.
4. MR. BAUGHMAN: Okay.
5. MR. ROBINSON: Do the operators know
6. what's in the manual?
7. MR. SWEZY: Yes. They're trained on
8. that when they are assigned those duties. And then
9. with the addition of that sentence I read in
10. earlier, they'll be given refresher training on an
11. annual basis --
12. MR. ROBINSON: Do they have, like,
13. a --
14. MR. SWEZY: -- to make sure
15. they're --
16. MR. ROBINSON: -- manual they can
17. refer to somewhere or how do they get to the manual
18. if they ever need it?
19. MR. SWEZY: If they need it, there's
20. one in the operating room. Again, the boiler
21. operating room, and another one in the remote
22. operating -- or monitoring station.
23. MR. ROBINSON: Okay.
24. MR. SWEZY: If they need to refer to
25. it. But the provisions of the manual, in my

1. opinion, are so simple that it should not require  
 2. them to have to constantly refer to the manual again  
 3. and again.  
 4. MR. ROBINSON: Okay.  
 5. MR. SWEZY: And the emergency  
 6. procedures themselves, like it's stated in this  
 7. manual, are placarded in the remote operating -- or  
 8. monitoring station. I will -- for the remote  
 9. operator to be able to know exactly what needs to be  
 10. done without having to go fishing around for the  
 11. manual.  
 12. I don't know how many of you have  
 13. been in one of these operating stations in a plant  
 14. like this, but, you know, generally this guy is  
 15. sitting at a desk and watching this panel and he  
 16. has all kinds of crap on his desk, if you will.  
 17. Okay? And especially a manual like this that  
 18. doesn't normally get referred to on a daily basis,  
 19. it tends to find its way to the bottom of the  
 20. pile.  
 21. So if this operator had to take  
 22. action based on something going awry with the  
 23. boiler, I'd much rather him depend on that placard  
 24. being on that wall rather than having to fish down  
 25. a manual and find the, you know, highlighted tab

1. for him to grab and turn the page to -- it's right  
 2. there on the placard. He takes the action, gets  
 3. the boiler under safe condition, and then we worry  
 4. about what we've got to do to light it off again  
 5. later.  
 6. You know, it -- we had an old saying  
 7. in the submarine community when I was in the Navy,  
 8. let's blow and go and talk about it on the  
 9. surface. You know, if the boat gets in trouble,  
 10. we'll get to the surface and then we'll figure out  
 11. how to make things right. But take action to make  
 12. things safe and then we go about dealing with  
 13. anything else afterwards.  
 14. So that's kind of a great way of  
 15. looking at it and dealing with it, in my opinion,  
 16. is the placard keeps that confusion and the time  
 17. of panic if the operator who's in the remote  
 18. monitoring station is trained to look at the  
 19. placard, respond to the steps in the placard, get  
 20. the boiler in set condition. Everything else can  
 21. be sorted out with plenty of time.  
 22. CHAIRMAN MORELOCK: Any other  
 23. questions? Comments?  
 24. MR. BAUGHMAN: Who is your utilities  
 25. operator or who is Buckman Laboratories' utilities

1. operator?  
 2. MR. SWEZY: By name?  
 3. MR. BAUGHMAN: Yes, sir.  
 4. MR. SWEZY: The person I came in  
 5. contact with is a man by the name of David Temple  
 6. (phonetic). And one of the reasons he isn't here is  
 7. because he's at Power-Gen this week in Orlando,  
 8. Florida.  
 9. MR. BAUGHMAN: Okay.  
 10. MR. SWEZY: So that's one of the  
 11. reasons he wasn't present today.  
 12. MR. BAUGHMAN: But he's classified as  
 13. the utilities operator?  
 14. MR. SWEZY: I believe he's the VP of  
 15. operations, if I remember correctly.  
 16. MR. BAUGHMAN: He's VP of operations.  
 17. Okay.  
 18. MR. SWEZY: I could be incorrect. I  
 19. might have the wrong title assigned to him, but he's  
 20. the person who's my primary contact.  
 21. MR. BAUGHMAN: Well, and the reason  
 22. I'm being -- asking the question is because he's  
 23. listed as the person responsible for training of all  
 24. incoming personnel assigned to boiler operations and  
 25. for keeping a documentation log. So I was

1. interested to know if you intimately knew who that  
 2. person was, and I was interested to know what his  
 3. background was or his level of training or if he's  
 4. administrative or so forth.  
 5. MR. SWEZY: Yeah. It's my  
 6. understanding that he is a fairly recent addition to  
 7. Buckman Chemical -- or Buckman Laboratories, and as  
 8. a result, he's the one taking all the actions that's  
 9. trying to make things right. And I give him a lot  
 10. of credit for that.  
 11. MR. BAUGHMAN: Good. So there would  
 12. have been a personnel change from the previous  
 13. 2008 -- that person would no longer be there and be  
 14. in the --  
 15. MR. SWEZY: That is correct.  
 16. MR. BAUGHMAN: Okay.  
 17. MR. SWEZY: And in fact, in 2008,  
 18. this presentation was made by a professional  
 19. engineer whose last name was Neville, I believe. He  
 20. had actually stamped and certified the cover page of  
 21. the original manual. And I believe he has since  
 22. retired and not even working any longer. So --  
 23. MR. ROBINSON: His son is behind you.  
 24. CHAIRMAN MORELOCK: Yeah.  
 25. MR. SWEZY: Huh?



1. CHAIRMAN MORELOCK: His son is behind  
 2. you.  
 3. MR. SWEZY: Oh, is he?  
 4. CHAIRMAN MORELOCK: Yeah.  
 5. MR. SWEZY: Oh, okay. I guess he may  
 6. be not retired, then. I thought he was retired, but  
 7. there you go.  
 8. CHAIRMAN MORELOCK: Okay.  
 9. MR. BAUGHMAN: Very good. Thank you.  
 10. That's all that I've got.  
 11. CHAIRMAN MORELOCK: Okay. I've just  
 12. got a few comments right quick. I think we've  
 13. talked about most of them. Again, you know,  
 14. editorial, but the rule needs to be changed to  
 15. 0800-03-03-.08 11A as the new 20-minute rule  
 16. location. The rule itself has not changed. It's  
 17. just been reorganized.  
 18. Does the remote monitoring system  
 19. prevent unauthorized access? I didn't see any  
 20. statements to that effect in the manual.  
 21. MR. SWEZY: Yeah. It's my  
 22. understanding that this is a wholly self-contained,  
 23. independent communication and operating system. It  
 24. does not interface with the Internet, to my  
 25. understanding.

1. As far as preventing unauthorized  
 2. access, I believe that the control and connection  
 3. panels are located in the boiler operating station  
 4. and in the remote monitoring station. And so  
 5. unless somebody was, you know, locked out by a  
 6. padlock from getting into those panels, I don't  
 7. know that they would have that kind of access  
 8. control, but they do have security personnel in  
 9. both places to keep that from being something that  
 10. somebody could do without being noticed.  
 11. CHAIRMAN MORELOCK: Well, and more to  
 12. the point is the electronic/computerized control  
 13. system itself, is it password protected where it  
 14. prevents anybody from getting into that system,  
 15. changing parameters, fault codes? We just need --  
 16. you know, typically we'll see something in the  
 17. manufacturer's documentation that's usually an  
 18. appendices in the manual. It'll say that this is  
 19. password protected to prevent unauthorized access so  
 20. people can't go in and alter the computer control  
 21. program for the boilers.  
 22. MR. SWEZY: Yeah. I would think  
 23. those changes would only be made by the maintenance  
 24. personnel --  
 25. CHAIRMAN MORELOCK: Right.

1. MR. SWEZY: -- and that others would  
 2. not be given ready access to the panels where that  
 3. could be done. Again, I don't believe there's  
 4. actual physical padlocks on those panels, but --  
 5. CHAIRMAN MORELOCK: Right. Right.  
 6. But they just need to be where people couldn't alter  
 7. the software.  
 8. MR. SWEZY: Right.  
 9. CHAIRMAN MORELOCK: Let's see. Of  
 10. course, you've revised the checklist, so you've  
 11. addressed a lot of the questions that I had. Again,  
 12. it would be good on the organizational chart, in  
 13. Appendix D, just to show not only what you have but  
 14. show who are the remote monitors and the boiler  
 15. attendants, operators. With this one, it's unique  
 16. in the fact that in Shelby County, these are  
 17. actually licensed boiler operators, so they've got  
 18. good credentials.  
 19. But it just helps the Board when they  
 20. look at the organizational chart to see who is  
 21. serving as remote monitor, who's serving as a  
 22. boiler attendant.  
 23. MR. SWEZY: Okay.  
 24. CHAIRMAN MORELOCK: And I think --  
 25. MR. SWEZY: I think that's

1. appropriate.  
 2. CHAIRMAN MORELOCK: Let's see. Oh.  
 3. Yeah. So again, the editorial corrections to the  
 4. rule reference are pages one, five, eight, and nine.  
 5. Figure one, which is your site plan, typically, we  
 6. see a distance from the boiler room to the remote  
 7. monitoring station. Page 4-1, which is the -- I  
 8. noticed that the boilers have set different MAWPs.  
 9. So again, is the relief set so that you don't  
 10. overpressure, back pressure a boiler if they're  
 11. running together?  
 12. Page F-2, the general operator job  
 13. description doesn't have a title. It needs to be  
 14. clarified, and also for the general operator job  
 15. description, I don't see any boiler  
 16. responsibilities listed like I do for the other  
 17. job descriptions in Appendix F.  
 18. MR. SWEZY: What page is this you're  
 19. on, Brian?  
 20. CHAIRMAN MORELOCK: F-2.  
 21. MR. ROBINSON: It looks like it was  
 22. cropped --  
 23. CHAIRMAN MORELOCK: Yeah. It looks  
 24. like it was cropped off.  
 25. MR. ROBINSON: -- in the copier. I

1. didn't know.  
 2. MR. PISCHKE: I think it's just  
 3. missing the line. But --  
 4. MR. SWEZY: F-3, you said?  
 5. CHAIRMAN MORELOCK: F-2.  
 6. MR. ROBINSON: F-2.  
 7. CHAIRMAN MORELOCK: See, for example,  
 8. if you go to F-6 for the maintenance electrical  
 9. craftsman, it has a block for effective boiler  
 10. operation and lists job duties. And you have that  
 11. same block listed for the other job descriptions  
 12. with the exception of the general operator. So  
 13. there just needs to be a block there showing the job  
 14. descriptions related to the boiler remote operation  
 15. or boiler attendant.  
 16. And I apologize. I didn't have time  
 17. to go back and look at the '08 Board notes. I  
 18. might have been able to resolve some of this and  
 19. even the questions, but I didn't get to go back  
 20. and reread the minutes from 2008.  
 21. But the other thing, on page seven --  
 22. MR. SWEZY: Page seven?  
 23. CHAIRMAN MORELOCK: Page seven, under  
 24. Item one, classification, and then Item two. It  
 25. says, during periods of production downtime, BLI may

1. designate an alternate boiler attendant, such as a  
 2. security officer, to monitor the boiler. And I'm --  
 3. I wanted to clarify that that is just remote  
 4. monitoring, because if he's going to operate that  
 5. boiler, he has to have a license, you know, in  
 6. Shelby County. So I just want to make sure we know  
 7. what that means.  
 8. MR. SWEZY: Well, the second sentence  
 9. behind the one you just read I believe clarifies  
 10. that. The attendant is a trained and qualified  
 11. individual --  
 12. CHAIRMAN MORELOCK: Okay. So, but --  
 13. MR. SWEZY: -- in accordance with the  
 14. regulations of the State of Tennessee.  
 15. CHAIRMAN MORELOCK: That's true. So  
 16. are we saying that security officers --  
 17. MR. HARGROVE: Is a trained --  
 18. CHAIRMAN MORELOCK: -- are boiler  
 19. attendants?  
 20. MR. SWEZY: I don't know that that's  
 21. what is being implied here.  
 22. CHAIRMAN MORELOCK: Yeah. Yeah. I  
 23. just wanted to --  
 24. MR. SWEZY: But I think it's a good  
 25. clarification.

1. CHAIRMAN MORELOCK: Yeah. I just  
 2. wanted clarification. It sounds like it, but -- and  
 3. then on page eight, normal daily duties, boiler  
 4. attendant report -- shall report to the boiler room  
 5. and perform routine, daily requirements. You've got  
 6. a log sheet for the boiler, too, but what -- you may  
 7. just want to add what those daily routine  
 8. requirements are as far as blowdown or checking  
 9. pressures and temperatures. I don't know what all  
 10. that's going to entail. Just might want to add a  
 11. little detail to that.  
 12. And I do agree with you. I like the  
 13. placard right there on the remote monitoring  
 14. station so the remote monitoring person can see  
 15. it, but one of the requirements in our checklist  
 16. is that your emergency procedures in this manual  
 17. should be highlighted or easy to find, and you  
 18. just need to put a tab or a bright-colored page  
 19. for your emergency procedures and that will take  
 20. care of that checklist requirement. And that's  
 21. all my comments. So Eugene, you had some.  
 22. MR. ROBINSON: I just have a few.  
 23. You covered most of mine. When you get a minute to  
 24. recover, page three, paragraph three.  
 25. MR. SWEZY: Which paragraph,

1. Mr. Robinson?  
 2. MR. ROBINSON: Paragraph three. It's  
 3. under some of the features of the microprocessor.  
 4. MR. SWEZY: Okay.  
 5. MR. ROBINSON: The controller shall  
 6. shut down any boiler that exceeds safety limits or  
 7. programmed operating limits. For example, the  
 8. controller will shut the boiler down on any other  
 9. conditions listed in Appendix C. When you go to  
 10. Appendix C, you've got a lot of things in there  
 11. that'll shut the boiler off.  
 12. MR. SWEZY: Yeah. I think it's  
 13. obvious that not every one of these things in  
 14. Appendix C --  
 15. MR. ROBINSON: Keep in mind.  
 16. CHAIRMAN MORELOCK: Yeah.  
 17. MR. SWEZY: -- is a boiler shutdown.  
 18. I mean, obviously it's not going to shut down on  
 19. flame detected, for example, and I think that  
 20. clarification --  
 21. MR. ROBINSON: I know that.  
 22. MR. SWEZY: -- is an appropriate  
 23. comment.  
 24. MR. ROBINSON: I know that. But the  
 25. thing is, is just KIS.

1. MR. SWEZY: Yeah.  
 2. MR. ROBINSON: Keep it simple and  
 3. just move on. Make -- you know, do what you say,  
 4. say what you do.  
 5. CHAIRMAN MORELOCK: Yeah.  
 6. MR. SWEZY: I agree.  
 7. MR. ROBINSON: I agree with that org  
 8. chart. You do need some clarity to the org chart.  
 9. You've got the general operators, the remote  
 10. station, and just make it clearly defined.  
 11. MR. SWEZY: Right. I made that  
 12. annotation. We'll take care of that.  
 13. MR. ROBINSON: Safety valves on  
 14. the --  
 15. MR. SWEZY: Appendix A?  
 16. MR. ROBINSON: -- equipment -- yeah,  
 17. equipment sheet.  
 18. MR. SWEZY: Yeah. I made a note of  
 19. that, as well.  
 20. MR. ROBINSON: With capacity. I  
 21. would review it. You do have some typos. Yeah,  
 22. I've got a lot of -- you've got a lot of typos.  
 23. Page 10, for example, right at the top, emergency  
 24. procedures together. You've got a period somewhere  
 25. on the first paragraph of that same page right in

1. the first sentence, and it makes it incomplete.  
 2. And back to Mr. Baughman's comments,  
 3. update the manual holders. I would like to see  
 4. something there. And the reason --  
 5. MR. SWEZY: Say that --  
 6. MR. ROBINSON: The manual holders. I  
 7. would like to see something there. And the reason  
 8. why is because you've got to put it in the  
 9. monitoring station. That's obvious.  
 10. MR. SWEZY: Right.  
 11. MR. ROBINSON: If they don't have it,  
 12. you know, they don't know what to do. And you want  
 13. to have it in the maintenance shop, I guess, and  
 14. actually list, I guess, the precedent, who's  
 15. responsible for the manual.  
 16. MR. SWEZY: Yup.  
 17. MR. ROBINSON: That's all I have,  
 18. sir.  
 19. MR. BAUGHMAN: I've got a little  
 20. more.  
 21. CHAIRMAN MORELOCK: Yeah, on B-1  
 22. there's some typos, too, under that last paragraph.  
 23. So I'll let you ferret those out. But they're in  
 24. there, too, so go ahead.  
 25. MR. BAUGHMAN: Yes, sir. Thank you,

1. sir.  
 2. CHAIRMAN MORELOCK: Mr. Baughman.  
 3. MR. BAUGHMAN: When we were talking  
 4. about the fault codes and how many there were and --  
 5. you just made the mention about flame detected, that  
 6. that wouldn't be a --  
 7. MR. SWEZY: Yeah. That's not an trip  
 8. function, obviously.  
 9. MR. BAUGHMAN: No. Obviously it is.  
 10. And the reason --  
 11. MR. SWEZY: Well, if it goes out,  
 12. obviously, but I mean, the fact that there is a  
 13. flame is not going to cause a drip.  
 14. MR. BAUGHMAN: In the standby  
 15. position, it would.  
 16. MR. SWEZY: Right.  
 17. MR. BAUGHMAN: And that's very  
 18. critical.  
 19. MR. SWEZY: Right.  
 20. MR. BAUGHMAN: So a flame detected  
 21. during the standby is -- yeah. It's a big issue.  
 22. So just to -- wanted to clarify upon that.  
 23. And that leads me over to page nine,  
 24. restart procedures. The -- and just going --  
 25. starting with -- under restart procedures, number

1. two, when the alarm condition is cleared, the  
 2. boiler attendant, who could possibly be the  
 3. security officer, will contact the remote station,  
 4. the shutdown switch shall be reset and the boiler  
 5. restarted by the boiler attendant. If the boiler  
 6. is restarted before the cause of the alarm is  
 7. diagnosed and corrected -- is the problem that  
 8. I've got.  
 9. The boiler should not be restarted  
 10. until the alarm is diagnosed and corrected. So  
 11. let's take into consideration that we had that  
 12. flame detected fault code, whatever it was, 18,  
 13. and you've got somebody that's not familiar with  
 14. it and they go in and restart it and it was flame  
 15. detected because of a gas valve leaking. We've  
 16. restarted a boiler without it being diagnosed and  
 17. corrected.  
 18. And I've just got an issue with that  
 19. particular statement, is that the boiler should  
 20. not be restarted until the fault is diagnosed and  
 21. corrected.  
 22. MR. SWEZY: And I'm inclined to  
 23. agree, but I would tell you that I think the intent  
 24. of this particular paragraph is to describe a  
 25. situation where maybe multiple fault conditions

1. caused the trip of the boiler and when the operator  
2. gets to the boiler room, he cannot see anything  
3. obviously wrong and the faults have all reset  
4. themselves. And it's possible that they may need to  
5. restart to see if they can figure out, by watching  
6. the boiler as they're restarting it, what the true  
7. underlying fault is that tripped the boiler off and  
8. then be able to address it at that point in time.

9. Kind of like when you take your car  
10. into the shop to be repaired because something's  
11. acting hinky and the service tech can't replicate  
12. the problem that you're finding. You know. That  
13. kind of a situation. And I think that's what this  
14. is intended to address.

15. MR. BAUGHMAN: Well, I --  
16. MR. SWEZY: It may be not addressing  
17. it very well.

18. MR. BAUGHMAN: No. And I disagree  
19. with it in as much as if there's multiple fault  
20. codes, there's obviously something going on to an  
21. extent that needs to be addressed rather than just  
22. having everything reset. And that's -- that gives  
23. me concern in that we've got a fault, it's just  
24. reset. In other words, a security officer, although  
25. he is supposed to be qualified under Shelby County's

1. requirements for boiler operators, but that somebody  
2. would just go in and reset this without necessarily  
3. going through and having it diagnosed and corrected  
4. before it's being restarted.

5. MR. SWEZY: Yes. And I do not  
6. believe it was the intention for the security  
7. officer to be the one that would restart the boiler.

8. MR. BAUGHMAN: No.

9. MR. SWEZY: It would be --

10. MR. BAUGHMAN: But the way this is  
11. worded --

12. MR. SWEZY: It could be.

13. MR. BAUGHMAN: -- it could be.  
14. Absolutely.

15. MR. SWEZY: I agree. And so I'll  
16. make --

17. MR. BAUGHMAN: And to sign off on  
18. something like that, I just disagree with that  
19. particular --

20. MR. SWEZY: Well, and another  
21. scenario just came to mind while you were talking.  
22. In the event that the alarm annunciation circuits to  
23. the remote station were somehow disrupted, let's say  
24. due to something going on on-site that --  
25. communication cable between a boiler room and a

1. remote operating -- monitoring station was ruptured  
2. and they could not operate it, then that would be a  
3. condition where the boiler operator could restart  
4. the boiler but he would be required to be in  
5. attendance at the boiler, because that is where the  
6. 20-minute rule, then, would kick in.

7. So, you know, I think that there are  
8. a number of scenarios that they were trying to  
9. address with this paragraph that they've obviously  
10. not done so very well, and we can correct that.

11. But I think that that's what -- the  
12. kind of thing that they're trying to describe is  
13. that, you know, if the guy in the remote  
14. operating -- or monitoring station can't put the  
15. thing back into reset position to allow the boiler  
16. to be restarted because the system is not  
17. functioning properly, then the boiler operator in  
18. the boiler room could do so but he would be  
19. required to be in attendance at the boiler. He  
20. wouldn't go back to the four-hour-check rule.  
21. He'd be under the 20-minute rule.

22. MR. BAUGHMAN: Should this -- and I  
23. bring this up for discussion, because I've just got  
24. an issue with a situation being reset and the boiler  
25. operating without it being diagnosed and corrected,

1. and I don't know how to reword it according to the  
2. intent of what he's describing.

3. CHAIRMAN MORELOCK: Well, I mean, our  
4. job is just to make sure the checklist components  
5. are being put into the manual. We're not going to  
6. tell them how to operate their boilers.

7. MR. BAUGHMAN: Okay.

8. CHAIRMAN MORELOCK: I mean -- you  
9. know, I mean, that's not necessarily our job. Our  
10. job is to promulgate the rules and make sure they're  
11. operating safely, but we -- it's not -- we're not  
12. going to tell them how to operate a boiler.

13. MR. BAUGHMAN: So nowhere in here, in  
14. our checklist, do we address that in any form.

15. CHAIRMAN MORELOCK: We just have a  
16. statement in there that they need to show documents  
17. on how they're going to restart the boiler safely.  
18. So this needs to be reworded. I think that's  
19. obvious, but we're not going to consult them and  
20. tell them how to do that.

21. MR. BAUGHMAN: Yeah.

22. CHAIRMAN MORELOCK: They need to  
23. develop that themselves.

24. MR. BAUGHMAN: So would we agree that  
25. the way it's written abides by the safe restart of

1. the boiler?  
 2. MR. ROBINSON: Right now the way it's  
 3. written does not.  
 4. MR. BAUGHMAN: Okay. Okay. So I  
 5. would ask that this particular item under restart  
 6. procedures be revised.  
 7. CHAIRMAN MORELOCK: Right. And  
 8. that's what you do. Just like with Mayfield, we --  
 9. MR. SWEZY: And I will do so. I  
 10. agree --  
 11. CHAIRMAN MORELOCK: Yeah.  
 12. MR. SWEZY: -- it's not worded very  
 13. well.  
 14. CHAIRMAN MORELOCK: Yeah.  
 15. MR. SWEZY: It could be  
 16. misinterpreted greatly.  
 17. CHAIRMAN MORELOCK: Yeah.  
 18. MR. SWEZY: But you know -- and  
 19. another example that comes to mind -- and then being  
 20. a plant operator in my past, you know, there have  
 21. been times where, for example, on the submarine I  
 22. was on, you know, we'd be operating all ahead flank  
 23. and for some reason, we'd get a low water alarm in  
 24. the steam generators. And so our first action is to  
 25. shut down the throttles and reduce power to try to

1. figure out why we got a low water alarm.  
 2. Well, the function of shrink and  
 3. swell in a steam generator is such that when you  
 4. go from a full bell down to a one-third to try to  
 5. figure out what's going on, the water level's  
 6. going to creep back up again on you and you're  
 7. going to go look at it and say, well, the water  
 8. level's fine. What's the problem? You know?  
 9. And really, the problem is that the  
 10. plant transient was so rapid that the feed pumps  
 11. didn't correct and the fact that you dropped  
 12. pressure and you got more steaming and less water,  
 13. it all kind of interacts together in a way that it  
 14. would give you an alarm. But if you're  
 15. understanding it the way the transient took place,  
 16. it's really not an alarm condition. It's a  
 17. condition where the system is just responding more  
 18. slowly than you want it to. And so you've just  
 19. got to kind of tamper your response a little.  
 20. MR. BAUGHMAN: That's the level of  
 21. training difference, though, between a Navy sub  
 22. personnel and a security officer.  
 23. MR. SWEZY: Oh, I agree. I agree.  
 24. And that's why this security officer's only function  
 25. is going to be to shut it down in a bad situation --

1. CHAIRMAN MORELOCK: Yeah.  
 2. MR. SWEZY: -- not to restart the  
 3. thing.  
 4. MR. ROBINSON: Right.  
 5. MR. BAUGHMAN: Well --  
 6. MR. SWEZY: We don't ever expect him  
 7. to do that.  
 8. MR. BAUGHMAN: -- right. But under  
 9. this wording, it could be --  
 10. CHAIRMAN MORELOCK: Right. So --  
 11. MR. BAUGHMAN: -- that he restarts.  
 12. CHAIRMAN MORELOCK: Yeah. So --  
 13. MR. SWEZY: Absolutely. I agree and  
 14. that does need to be changed.  
 15. CHAIRMAN MORELOCK: Yeah. But the  
 16. wording needs to be revised and --  
 17. MR. SWEZY: Yeah.  
 18. MR. ROBINSON: Right.  
 19. CHAIRMAN MORELOCK: That's what --  
 20. that's the comment that needs to be captured.  
 21. That's true.  
 22. MR. ROBINSON: Absolutely.  
 23. MR. BAUGHMAN: Thank you, Brian.  
 24. MR. ROBINSON: Agreed.  
 25. CHAIRMAN MORELOCK: Anything else?

1. All right. Do I have a motion?  
 2. MR. PISCHKE: So moved with the  
 3. corrections captured, noted.  
 4. CHAIRMAN MORELOCK: You're going to  
 5. move with corrections to the manual --  
 6. MR. HARGROVE: And site visit.  
 7. CHAIRMAN MORELOCK: -- and contingent  
 8. on the site visit, correct?  
 9. MR. PISCHKE: That's correct.  
 10. CHAIRMAN MORELOCK: Do I have a  
 11. second?  
 12. MR. ROBINSON: Second.  
 13. CHAIRMAN MORELOCK: All right. Any  
 14. more discussion? Hearing none, I'm going to call  
 15. the question. All in favor, say, "aye."  
 16. MR. PISCHKE: Aye.  
 17. MR. BAUGHMAN: Aye.  
 18. MR. HARGROVE: Aye.  
 19. MR. ROBINSON: Aye.  
 20. CHAIRMAN MORELOCK: Opposed?  
 21. Abstentions? Not voting? Mr. Swezy, you have a  
 22. contingently approved variance manual with --  
 23. subject to a revision of the manual and the site  
 24. visit.  
 25. MR. SWEZY: Thank you very much. I

1. appreciate the Board's indulgence and gracious  
 2. acceptance of the unusual circumstances that I've  
 3. been given. Thank you.  
 4. CHAIRMAN MORELOCK: All right. It's  
 5. 10:45. I think we need to take a 10-minute break.  
 6. Let everybody get up for a minute, and let's resume  
 7. at 10:55, if we can. We've still got quite a few  
 8. discussion items to cover, and I'd like to get  
 9. everybody finished by noon, if possible.  
 10. (Recess observed.)  
 11. CHAIRMAN MORELOCK: Okay. I'm still  
 12. going to hold out hope for Wacker. We'll still  
 13. leave them on the agenda, but let's move to Item  
 14. eight, which is Open Discussion Items. And the  
 15. first discussion item is our proposed 2017 meeting  
 16. dates. And the proposed dates for 2017 are March  
 17. the 15th, June the 14th, September the 20th, and  
 18. December the 13th. Does that pose any conflicts for  
 19. the Board members?  
 20. Now, the -- I guess this -- will the  
 21. September 20th date -- will that coincide? Are we  
 22. going to hopefully have a 2017 Fall conference?  
 23. MS. JEFFERSON: We hope to. Yes.  
 24. CHAIRMAN MORELOCK: Okay. Excellent.  
 25. So that will coincide with that.

1. Okay. I'm not hearing any conflicts.  
 2. MR. BAUGHMAN: It's good with me,  
 3. Brian.  
 4. CHAIRMAN MORELOCK: Speak now or  
 5. forever wish you had. Everybody good?  
 6. MR. PISCHKE: I think so.  
 7. CHAIRMAN MORELOCK: All right. It's  
 8. not a voted action, so if you're good --  
 9. MS. BENNETT: And we'll post it on  
 10. the website.  
 11. CHAIRMAN MORELOCK: Okay.  
 12. MR. BAUGHMAN: And it'll -- it's a  
 13. possibility it might change for some unforeseen  
 14. reason, but it worked pretty well last year having  
 15. something we can work around. So --  
 16. CHAIRMAN MORELOCK: Yes. I agree. I  
 17. agree. And, well, for so long we've been used to  
 18. the first Wednesday of the month. So we need -- we  
 19. do need to get the dates out to let people know that  
 20. it's not the first Wednesday of the month anymore.  
 21. MS. BENNETT: Exactly.  
 22. CHAIRMAN MORELOCK: So -- or the  
 23. quarter.  
 24. MS. BENNETT: And September obviously  
 25. is later because of Labor Day. You know, our first

1. Board meeting got delayed a week, so y'all's -- you  
 2. know, it's delayed a week. So --  
 3. CHAIRMAN MORELOCK: Okay. All right,  
 4. then. So be it. Our next item is the job  
 5. description for boiler inspector four, which is the  
 6. chief boiler inspector position. And I guess what  
 7. I'd like to do with this since we've not had time to  
 8. read it is -- I guess I'd like for the Board members  
 9. to read it, and could we leave this as a discussion  
 10. item for the March meeting and bring any comments  
 11. back at that time, unless you want us sitting here  
 12. till, you know, reading it.  
 13. I will say I'm thankful to see it and  
 14. it looks pretty good. The only thing I picked up  
 15. pretty quick is on -- when you get into page two,  
 16. the National Boiler Board, it really would be the  
 17. National Board of Boiler and Pressure Vessel  
 18. Inspectors. That's the agency.  
 19. MS. JEFFERSON: Yes.  
 20. CHAIRMAN MORELOCK: So -- and I'll  
 21. send you that. So --  
 22. MS. JEFFERSON: Yes, thank you.  
 23. CHAIRMAN MORELOCK: -- that's the  
 24. only thing that I saw right off the bat.  
 25. MS. JEFFERSON: Okay.

1. CHAIRMAN MORELOCK: And then when you  
 2. get down to coordinating the work activities of  
 3. others, the proctor and/or delegation administering  
 4. of the National Board commissioning exam, we  
 5. actually have another item to talk about that here  
 6. in just a minute. So we'll cover that, as well.  
 7. But if the Board members will just  
 8. review this and develop your comments, and we'll  
 9. leave this as a discussion item for March 2017,  
 10. and we'll bring those comments then.  
 11. MS. JEFFERSON: And Chairman, I'd  
 12. just like to say that I talked with our Human  
 13. Resources division, and they said the only thing  
 14. that was changed was the provision for experience.  
 15. CHAIRMAN MORELOCK: Okay.  
 16. MS. JEFFERSON: The only thing that  
 17. was changed was the provision from 10 years to five  
 18. years. Everything else is pretty much consistent  
 19. with --  
 20. CHAIRMAN MORELOCK: Okay.  
 21. MS. JEFFERSON: -- the way it was  
 22. before, but if there are some modifications and  
 23. things we can do to help Human Resources improve  
 24. this, then we can --  
 25. CHAIRMAN MORELOCK: Okay.

1. MS. JEFFERSON: -- get those  
 2. recommendations --  
 3. CHAIRMAN MORELOCK: And it may just  
 4. be just editorial like the National Board stuff. So  
 5. all right. And doing a survey of jurisdictions, you  
 6. do see experience ranges from five to 10 years. So  
 7. that's in line with what most jurisdictions have.  
 8. So okay. All right.  
 9. Next item is approved roles and  
 10. responsibilities for Tennessee Board members, and  
 11. you did get that in advance, so I hope you've had  
 12. a chance to review that.  
 13. MS. BENNETT: It's also in the  
 14. notebooks, too, I think. Yeah.  
 15. CHAIRMAN MORELOCK: Right. So are  
 16. there any comments on that?  
 17. MR. BAUGHMAN: I thought this was  
 18. well defined, Brian.  
 19. CHAIRMAN MORELOCK: Okay.  
 20. MR. ROBINSON: This is going to be  
 21. published where?  
 22. MS. JEFFERSON: Actually, that's just  
 23. for --  
 24. CHAIRMAN MORELOCK: Just for --  
 25. MS. JEFFERSON: -- you all.

1. CHAIRMAN MORELOCK: Okay.  
 2. MR. ROBINSON: Okay.  
 3. MS. JEFFERSON: Just for your own  
 4. records.  
 5. CHAIRMAN MORELOCK: Okay.  
 6. MS. JEFFERSON: We actually provided  
 7. one -- we're providing one for each board and  
 8. commission that we have.  
 9. CHAIRMAN MORELOCK: Okay. All right.  
 10. All right.  
 11. MS. JEFFERSON: And that's just to  
 12. help to clarify duties, rules, and responsibilities.  
 13. There may be more added in the future.  
 14. CHAIRMAN MORELOCK: Okay.  
 15. MS. JEFFERSON: We may decide to  
 16. delete some of those, because we're not doing them.  
 17. CHAIRMAN MORELOCK: Okay. All right.  
 18. Hearing no comments, I think we're good to go with  
 19. that, then. All right.  
 20. Our next item is update of the  
 21. National Board Synopsis NB-370, and Mr. Chapman  
 22. covered that in his Chief's Report. So are there  
 23. any comments to that? Basically, just cleaning  
 24. up. We used to not permit routine repairs and  
 25. Mr. Toth was successful in getting that Board

1. interpretation, board case revised, so we do now  
 2. accept routine repairs. So we need to let the  
 3. world know that. So -- and update some of our  
 4. other information for our jurisdictions. So I  
 5. don't have any comments. Anybody else have any  
 6. comments?  
 7. MR. ROBINSON: I thought it was a  
 8. good job.  
 9. CHAIRMAN MORELOCK: Yeah. It is a  
 10. good job.  
 11. MR. ROBINSON: Thank you.  
 12. MR. CHAPMAN: Thank you.  
 13. CHAIRMAN MORELOCK: Okay. So thank  
 14. you for doing that. All right.  
 15. MR. BAUGHMAN: How does that  
 16. information get disseminated out to the industry?  
 17. CHAIRMAN MORELOCK: It gets  
 18. published. And when you go up to the National Board  
 19. website and you click on the jurisdictions, this  
 20. little paragraph will pop up, and it just gives you  
 21. an overview of what each jurisdiction -- what they  
 22. do as far as what they require and things like that.  
 23. MR. BAUGHMAN: So it's up to the  
 24. individual company doing repairs, or what have you,  
 25. those who are stamp holders in the State of

1. Tennessee to check on that --  
 2. CHAIRMAN MORELOCK: Yes.  
 3. MR. BAUGHMAN: -- themselves.  
 4. There's not a flash that'll go out to these  
 5. companies to --  
 6. CHAIRMAN MORELOCK: Well, I think  
 7. when Martin's case was approved, the Boiler Unit did  
 8. agree to send that out to notify stamp holders in  
 9. the State of Tennessee that that had changed. You  
 10. know. And then that did happen. So -- and that was  
 11. 12; is that right?  
 12. MR. TOTH: I would have to go back  
 13. and look at these -- the Board case.  
 14. CHAIRMAN MORELOCK: So I think that  
 15. was --  
 16. MR. TOTH: Which I could look it up.  
 17. CHAIRMAN MORELOCK: No, that's okay.  
 18. But anyway --  
 19. MR. TOTH: Okay.  
 20. CHAIRMAN MORELOCK: But the State did  
 21. notify stamp holders.  
 22. MR. BAUGHMAN: Good.  
 23. MR. ROBINSON: And the National Board  
 24. used to publish a book of all the -- our stamp  
 25. holders and approval in various jurisdictions. I

1. don't know if they -- do they still do that?  
 2. CHAIRMAN MORELOCK: I think you can  
 3. look them up.  
 4. MR. ROBINSON: It's online.  
 5. MR. CHAPMAN: Yeah. You can --  
 6. that's a different case.  
 7. CHAIRMAN MORELOCK: Yes.  
 8. MR. TOTH: I can answer that. The  
 9. National Board does -- the National Board website  
 10. does have the ability to go and look up our stamp  
 11. holders. Now, when you're talking about the  
 12. Synopsis, the Synopsis is intended to communicate  
 13. all the requirements within the individual  
 14. jurisdictions.  
 15. MR. ROBINSON: Right. Well, you  
 16. remember years ago, there used to be a --  
 17. MR. TOTH: There used to be a book.  
 18. If I'm not mistaken, if my memory --  
 19. MR. ROBINSON: I haven't seen it in  
 20. years.  
 21. MR. TOTH: Yeah. It's -- I believe  
 22. it's --  
 23. CHAIRMAN MORELOCK: I think you can  
 24. just search it now.  
 25. MR. TOTH: I believe it's published

1. electronically.  
 2. CHAIRMAN MORELOCK: Yeah. Yeah.  
 3. MR. TOTH: And I believe you can  
 4. receive that -- you can find that on the National  
 5. Board website.  
 6. CHAIRMAN MORELOCK: Yeah. You can.  
 7. MR. ROBINSON: Okay.  
 8. CHAIRMAN MORELOCK: You just have to  
 9. go look for it. Yeah.  
 10. MR. PISCHKE: And the National Board  
 11. actually took it over from whoever was publishing  
 12. that Synopsis before. I forget who it was. It  
 13. wasn't them.  
 14. CHAIRMAN MORELOCK: Right. Right.  
 15. MR. TOTH: And Mr. Chairman, you are  
 16. correct. It was 2012 based on the Board case  
 17. number, which references --  
 18. CHAIRMAN MORELOCK: Right. Right.  
 19. MR. TOTH: -- the year and the item  
 20. number within the minutes.  
 21. CHAIRMAN MORELOCK: Okay. Good. Any  
 22. other comments on that? Alrighty.  
 23. Next item is editorial revision to  
 24. the recently revised Rule 0800-03-03. Yes. I let  
 25. it slip by. I apologize for that. But if you're

1. doing a Section eight, Division one pressure  
 2. vessel calculation, you're not going to find  
 3. PG 27, but you will find UG 27. So how do we get  
 4. that fixed?  
 5. MS. RHONE: Oh, I'm sorry. I  
 6. didn't -- I'm sorry.  
 7. CHAIRMAN MORELOCK: No. Just the  
 8. word -- the typo in 0800-03-03-.12, Existing  
 9. Pressure Vessels to determine maximum allowable  
 10. working pressure of a nonstandard pressure vessel  
 11. shall be determined in accordance with ASME code  
 12. Section eight, Division one. It should be UG 27  
 13. instead of PG 27.  
 14. MR. BAILEY: So it's a typo.  
 15. CHAIRMAN MORELOCK: It's a typo. I  
 16. don't think it'd have to go through the rulemaking  
 17. process.  
 18. MR. BAILEY: It may have to.  
 19. CHAIRMAN MORELOCK: Really?  
 20. MR. BAILEY: It may.  
 21. CHAIRMAN MORELOCK: Wow. Okay.  
 22. MR. BAILEY: I'll have to check with  
 23. the Secretary of State's --  
 24. CHAIRMAN MORELOCK: Okay.  
 25. MR. BAILEY: -- Office to see if we

1. can correct a typo without going through the whole  
 2. process.  
 3. CHAIRMAN MORELOCK: Okay. So you can  
 4. let us know that in March, maybe?  
 5. MR. BAILEY: Yeah.  
 6. CHAIRMAN MORELOCK: Okay. Thank you  
 7. for that.  
 8. MR. PISCHKE: Would that -- is that  
 9. considered errata or is it considered a Boiler -- I  
 10. mean --  
 11. CHAIRMAN MORELOCK: Well, I mean, it  
 12. was approved, you know, all the way through the  
 13. rulemaking process. It's just -- it's a  
 14. typographical error. So just didn't catch it in the  
 15. review process. So Mr. Bailey will find out what  
 16. path we have to take to get that corrected. And  
 17. we'll leave that on the list for March, as well.  
 18. Our next item is revision to  
 19. Tennessee Code Annotated 68-122-109(a) due to  
 20. changes in how the National Board Commissioning  
 21. Exam is given. This exam is no longer only  
 22. provided by the jurisdiction but also provided on  
 23. demand at AMP locations -- which is capital  
 24. A-M-P -- locations and also administered by the  
 25. National Board on the last day of the National



1. Board Inservice Commissioning Exam two-week  
 2. course.  
 3. So this is just a proposed wording.  
 4. I guess I see two options. We could change the  
 5. law, but if that's going to be an arduous process,  
 6. we could do it as a Board case. And that might be  
 7. a more streamlined approach to get that completed.  
 8. So I'll look to our Administrator and Mr. Bailey  
 9. to advise the Board on what would be the best  
 10. route to take for that. But the revised words  
 11. would just simply state that it's no longer only  
 12. administered by the jurisdiction. And this has  
 13. been in place for five or six years. So --  
 14. MR. ROBINSON: Question.  
 15. CHAIRMAN MORELOCK: I just want to  
 16. update -- I want to clarify what we're really doing.  
 17. MR. ROBINSON: Question.  
 18. CHAIRMAN MORELOCK: Yes, sir.  
 19. MR. ROBINSON: What's the chances of  
 20. AMP locations --  
 21. CHAIRMAN MORELOCK: Changing?  
 22. MR. ROBINSON: Right.  
 23. CHAIRMAN MORELOCK: Well, if you look  
 24. in what I proposed, I didn't actually put AMP in the  
 25. proposal. I put -- where did I put it?

1. MR. ROBINSON: How about we change it  
 2. to approved designations.  
 3. MR. PISCHKE: Approved designated  
 4. locations.  
 5. CHAIRMAN MORELOCK: Yeah. We just  
 6. use -- we didn't say AMP.  
 7. MR. ROBINSON: Then -- okay. So A,  
 8. and then I think it was also down below. So we just  
 9. go ahead and make --  
 10. CHAIRMAN MORELOCK: Yeah. Here it  
 11. is. I'm sorry. National Board -- it says,  
 12. examinations for chief, deputy, special inspectors  
 13. shall be administered by the National Board member  
 14. jurisdiction or provided at any on-demand provider  
 15. locations. So that's not AMP.  
 16. MR. ROBINSON: Great.  
 17. CHAIRMAN MORELOCK: Or administered  
 18. by the National Board on the last day of the  
 19. Inservice Commission Exam.  
 20. MR. ROBINSON: And I looked at that  
 21. National Board Inservice Commission. Wouldn't it --  
 22. could -- would it be prudent just to say National  
 23. Board Commission --  
 24. CHAIRMAN MORELOCK: We could.  
 25. MR. ROBINSON: -- instead of

1. designated?  
 2. CHAIRMAN MORELOCK: We could, because  
 3. you've got the new construction --  
 4. MR. ROBINSON: Right.  
 5. CHAIRMAN MORELOCK: -- Inservice.  
 6. Yeah.  
 7. MR. ROBINSON: Okay.  
 8. CHAIRMAN MORELOCK: We can do that.  
 9. Sure. Okay.  
 10. MR. BAILEY: What was that editorial  
 11. change?  
 12. CHAIRMAN MORELOCK: The editorial  
 13. change would be on the fourth line from the bottom  
 14. of our agenda where it says, the last day of the  
 15. National Board, just strike out Inservice Commission  
 16. (IS) two-week, and just leave the last day of the  
 17. National Board course.  
 18. MR. BAILEY: Okay.  
 19. MR. ROBINSON: Cool.  
 20. MR. HARGROVE: Mr. Chairman.  
 21. CHAIRMAN MORELOCK: Yes, sir.  
 22. MR. HARGROVE: You stated the  
 23. National Board Inservice Commission exam in your  
 24. statement --  
 25. CHAIRMAN MORELOCK: Well --

1. MR. HARGROVE: -- but it's written  
 2. differently. So --  
 3. CHAIRMAN MORELOCK: -- and we can  
 4. strike that, as well.  
 5. MR. HARGROVE: Okay.  
 6. CHAIRMAN MORELOCK: So we need to put  
 7. that -- yeah. We need to -- up in the bullet point,  
 8. we would say, National Board, and then strike out  
 9. Inservice Commission -- or no, we leave Commission.  
 10. National Board Commission course.  
 11. MR. BAILEY: So you take out the  
 12. "-ing" on Commissioning, take out the word "Exam,"  
 13. and insert the word "course" instead?  
 14. CHAIRMAN MORELOCK: Well, I'm looking  
 15. at the bullet point where it says, revision to  
 16. Tennessee Code Annotated --  
 17. MR. BAILEY: Yeah. That's where I'm  
 18. looking at.  
 19. CHAIRMAN MORELOCK: Yeah. And so the  
 20. National Board Commissioning Exam, that sentence is  
 21. fine. And then the last part of the sentence says,  
 22. also administered by the National Board on the last  
 23. day of the National Board Commission course. And  
 24. strike out Inservice, parenthetical IS, and  
 25. two-week.

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1. MR. HARTFORD: Well, I have a  
2. question.  
3. CHAIRMAN MORELOCK: Yes.  
4. MR. HARTFORD: I'm sorry.  
5. Christopher Hartford, Hartford Steam Boiler. They  
6. provide multiple courses, so if you don't say which  
7. course you're looking for, that could kind of go  
8. against you. You can go to National Board. They  
9. have, I think, four or five different courses you  
10. can take.  
11. CHAIRMAN MORELOCK: For a Commission?  
12. MR. HARTFORD: Well, you can be A  
13. Commissioned. You can be --  
14. MR. TOTH: That's not a commission.  
15. MR. HARTFORD: -- commissioned. IS  
16. Commission.  
17. MR. TOTH: That's not a commission.  
18. That's an endorsement.  
19. CHAIRMAN MORELOCK: Endorsement.  
20. MR. ROBINSON: Endorsement.  
21. CHAIRMAN MORELOCK: Right.  
22. MR. ROBINSON: Right. Right.  
23. MR. HARTFORD: Right. But you still  
24. have to -- all of those get the IS first, right?  
25. But if you just say, you have to take a National

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1. Board course --  
2. CHAIRMAN MORELOCK: Well, but --  
3. MR. HARTFORD: -- I mean, that could  
4. be --  
5. CHAIRMAN MORELOCK: But you have to  
6. choose between -- see that they've split the  
7. commission now to where you either go inservice or  
8. new construction. And so that's the AI Commission,  
9. is the new construction. The IS is the inservice,  
10. and that's your two main commissioning exams that  
11. would lead to the endorsements.  
12. MR. HARTFORD: Right. But I think if  
13. you're looking for a particular commission from --  
14. in Tennessee, you're going to have which course that  
15. they need to take depending on --  
16. CHAIRMAN MORELOCK: Well --  
17. MR. HARTFORD: -- which one you want  
18. to have.  
19. CHAIRMAN MORELOCK: -- I mean, we  
20. could --  
21. MR. HARTFORD: I mean, it's obviously  
22. your decision.  
23. CHAIRMAN MORELOCK: We could put the  
24. appropriate -- I don't know. I mean, I think  
25. it's -- we don't want to lock it down to just the

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1. inservice.  
2. MR. ROBINSON: Right. And National  
3. Board Commissioning Exam, it's encompassing, you  
4. know, the AI, ANI, as well as the IS. So -- and  
5. keep in mind that, you know, it used to be that the  
6. AI could take the test with the jurisdiction, as  
7. well as the ANI or the IS.  
8. CHAIRMAN MORELOCK: The IS. Right.  
9. MR. ROBINSON: So by saying what  
10. we're saying now is encompassing all of those  
11. entities.  
12. MR. HARTFORD: Okay. I'm just --  
13. never mind. I just think it should probably try to  
14. be specific, but I understand what you're saying.  
15. MR. ROBINSON: Right. We're trying  
16. to leave some generality. At the same instance,  
17. we're covering everything.  
18. CHAIRMAN MORELOCK: Yeah. They need  
19. to be commissioned. That's the given. So -- okay?  
20. All right. You've got --  
21. MR. BAILEY: Mr. Chairman, as far as  
22. the legislative change, I think it's too late for it  
23. to get on our department's legislative agenda.  
24. CHAIRMAN MORELOCK: Okay.  
25. MR. BAILEY: The Governor's

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1. legislative agenda. I mean, that'd have to happen  
2. sometime next year.  
3. MS. JEFFERSON: Actually, they  
4. generally ask for recommendations around September,  
5. October. So this is one that we would be able --  
6. MR. BAILEY: Sometimes even sooner.  
7. MS. JEFFERSON: Sometimes sooner.  
8. MR. BAILEY: I mean -- yeah.  
9. MS. JEFFERSON: Well, sometimes --  
10. yeah. Well, sooner than that. And then they submit  
11. those in -- I'm sorry. They submit those in  
12. September, October. So what we would need to do --  
13. we'll just keep a list. We'll maintain a list of  
14. these recommendations, statutory recommendations,  
15. and we will provide them to the proper persons for  
16. the next legislative session.  
17. CHAIRMAN MORELOCK: Okay. And  
18. depending on what the Boiler Unit feels of its sense  
19. of urgency, what ASME National Board both does, if  
20. there is a -- with a two-year publication cycle of  
21. these documents, if there's a concern or a need,  
22. ASME will pass an enabling code case that can be  
23. used immediately. Then when the words are actually  
24. put into the code, that code case is annulled.  
25. So we could do something, like -- we

1. could do a board case, get it in the book now, and  
 2. then when legislative action -- you submit that  
 3. and it gets written into -- or revised into the  
 4. law, we could annul that board case. So is  
 5. that -- yes?  
 6. MR. TOTH: Mr. Chairman, just from  
 7. experience, the Board cases were started to be able  
 8. to have Board cases and interpretations based off  
 9. the rules and regulations. In this case here, being  
 10. Title 68-122, that's a statute. It really would not  
 11. apply. However, within 0800-03-03, you do have the  
 12. mention of as Commission.  
 13. CHAIRMAN MORELOCK: You do.  
 14. MR. TOTH: And within the commission,  
 15. and it explains what that is, how that would be --  
 16. who that would be given by. So therefore, you are  
 17. correct. You could do either a Board interpretation  
 18. or a Board case based off of your rule, not the  
 19. statute.  
 20. CHAIRMAN MORELOCK: Okay.  
 21. MR. TOTH: That's how we used to do  
 22. it.  
 23. CHAIRMAN MORELOCK: Okay. Well, our  
 24. concern was, is that it says that the Board -- us,  
 25. not the Chief Inspector -- proctors the exam.

1. MR. TOTH: Okay. And --  
 2. CHAIRMAN MORELOCK: And we don't do  
 3. that.  
 4. MR. TOTH: And I can give you a  
 5. little bit of background history on that, because  
 6. most jurisdictions -- and some still do this --  
 7. require their own individual exam for their state  
 8. but then follow that up with a commission exam  
 9. through the National Board. So they may do their  
 10. own exam that has specific rules and requirements  
 11. and laws. That's where that came from.  
 12. CHAIRMAN MORELOCK: Okay.  
 13. MR. TOTH: Okay?  
 14. CHAIRMAN MORELOCK: Okay.  
 15. MR. TOTH: And so now it was carried  
 16. over into the rules, which then brought in the  
 17. commissioning of the -- through the National Board,  
 18. which is a governing body.  
 19. CHAIRMAN MORELOCK: Okay. We just  
 20. wanted to clarify a contradiction in --  
 21. MR. TOTH: Yes.  
 22. CHAIRMAN MORELOCK: -- Tennessee Code  
 23. Annotated with actually what we're doing.  
 24. MR. TOTH: Yeah. Yes.  
 25. CHAIRMAN MORELOCK: Yeah.

1. MR. TOTH: As you can see, because  
 2. you have a state commission --  
 3. CHAIRMAN MORELOCK: Yeah.  
 4. MR. TOTH: -- versus the National  
 5. Board Commission.  
 6. CHAIRMAN MORELOCK: Right. That's  
 7. right. So --  
 8. MR. TOTH: Okay.  
 9. MR. ROBINSON: Martin. Or --  
 10. MR. TOTH: Yes.  
 11. MR. ROBINSON: Are there some states  
 12. that'll allow you to get your I -- for all practical  
 13. purposes, IS Commission before your National Board  
 14. Commission?  
 15. MR. TOTH: There are some states that  
 16. may do that.  
 17. MR. HARTFORD: Yes.  
 18. CHAIRMAN MORELOCK: Okay.  
 19. MR. TOTH: You know, I know that  
 20. there were states that were non -- classified as  
 21. non-coach states at times --  
 22. MR. ROBINSON: Yes.  
 23. MR. TOTH: -- that did do that. I'm  
 24. not for sure as much, because I've been out of the  
 25. loop for a while, as to if, you know, they allow for

1. you to do inservice inspections, you know, before  
 2. you get a commission, but --  
 3. MR. ROBINSON: Okay. Thank you.  
 4. CHAIRMAN MORELOCK: Good.  
 5. MR. HARTFORD: I'm commissioned in  
 6. New York State and New Hampshire and Vermont. They  
 7. all have that. But they all -- you have to be an IS  
 8. inspector first. That -- like, you take the test  
 9. through the AMP usually, and then once you have that  
 10. and you have your National Board card, you go and  
 11. you can take the test, the physical test, at the  
 12. location. Or some of them have reciprocity or  
 13. whatever, but --  
 14. CHAIRMAN MORELOCK: Right.  
 15. MR. HARTFORD: -- if it's your first  
 16. one, you actually go take the test with your card.  
 17. And that's --  
 18. MR. TOTH: For an --  
 19. MR. HARTFORD: For the state  
 20. commission.  
 21. MR. TOTH: For the state.  
 22. MR. HARTFORD: Right. So you have to  
 23. already be an IS, but you're an IS who's not allowed  
 24. to do any inspections, and then you can get your  
 25. state commission.

1. CHAIRMAN MORELOCK: Okay. All right.
2. So we're just trying to clean that up a little bit.
3. So with all that said, then the path forward looks
4. like we could write a Board case or interpretation
5. off of 0800-03-03, then you all could add this to
6. your legislative actions for August, September of
7. 2017, and then if 68-122-109 is revised, we could
8. leave that Board case or annul it.
9. MR. ROBINSON: Annul it.
10. MR. BAILEY: I mean, I think we could
11. check to see if this could get on this year's
12. agenda, but I kind of doubt it.
13. CHAIRMAN MORELOCK: Well, it's
14. December, so I understand.
15. MR. BAILEY: Well, you can always
16. ask.
17. CHAIRMAN MORELOCK: Okay.
18. MR. BAILEY: But I think they're
19. going to say no.
20. CHAIRMAN MORELOCK: Okay. We'll let
21. you check on that, but we'll plan on it maybe being
22. late next year, and we'll develop a Board case and
23. try to have a draft of that ready in March. I've
24. got it pretty much done so I'll just finish it up
25. and submit it to the Boiler Unit. Okay?

1. All right. Let's see. Okay. So
2. that takes us to Item nine, which is rule cases
3. and interpretations. We are going to -- just for
4. information, I do want to say a big thank you,
5. again, for the Fall conference. It was very
6. successful.
7. MR. BAUGHMAN: Amen.
8. CHAIRMAN MORELOCK: In the length of
9. time that you had to pull that off, it was actually
10. astronomically fantastic, because it was done in a
11. very short time. Yes, sir?
12. MR. HARTFORD: Mr. Chairman, I had
13. something -- I guess it's still under the
14. discussions -- that I wanted to bring up. It's not
15. related to these. It's new business before we move
16. on to --
17. CHAIRMAN MORELOCK: Sure.
18. MR. HARTFORD: -- nine, ten.
19. CHAIRMAN MORELOCK: Yeah. Let me
20. finish this and we'll --
21. MR. HARTFORD: Okay.
22. CHAIRMAN MORELOCK: -- let you speak
23. to that.
24. But what I wanted to say is there was
25. a lot of good discussion between the inspectors

1. and the Board members and the Boiler Unit. And so
2. the Boiler Unit is working on development of
3. several Board cases and Board interpretations. We
4. just couldn't get them all ready for this meeting.
5. So you'll see those come up in March, June
6. timeframe. And we'll start working through those.
7. So I just wanted all the -- everybody
8. to know it was -- all that didn't fall on deaf
9. ears. We're acting on that. So look for some
10. good stuff coming from that. So now go ahead.
11. MR. HARTFORD: Okay. I was wondering
12. about the progress of the committees towards their
13. goals. Specifically, during the last meeting, there
14. was a committee formed for -- to develop
15. high-pressure operator training, and nobody has
16. talked about it. And I was wondering if we could
17. have a status of that mentioned during Board
18. meetings.
19. CHAIRMAN MORELOCK: Okay. Who set
20. that committee up?
21. MR. HARTFORD: The State inspector.
22. I don't know his name.
23. MR. BAUGHMAN: It's Jesse (phonetic).
24. MR. ROBINSON: Jesse.
25. CHAIRMAN MORELOCK: Jesse?

1. MR. HARTFORD: He was over on the
2. left side of the room.
3. CHAIRMAN MORELOCK: Okay.
4. MR. BAUGHMAN: I'll address that
5. some. I've been in some communication with Jesse.
6. Both -- this time of year has been pretty nuts for
7. all of us in the boiler business. So Jesse and I
8. have had some very limited conversation in that
9. direction, and it's not that we've tabled it, it's
10. just that with all that's been going on between work
11. and family and church and life that it hasn't
12. proceeded forward to putting the gas on it real
13. hard. So --
14. MR. HARTFORD: Okay.
15. MR. BAUGHMAN: -- that's about as
16. vague of an answer as what I can give you, Chris.
17. MR. HARTFORD: Okay. We were kind of
18. wondering who was even forming -- who was -- this
19. committee was composed of. Like, I know nobody from
20. our company got even contacted about any inputs.
21. MR. BAUGHMAN: That's what Jesse and
22. I have started talking about.
23. MR. HARTFORD: Okay.
24. MR. BAUGHMAN: He brought it up. We
25. haven't really gotten a formal organization to

1. present here, but we talked about who to get on  
2. board with it and who's interested. And if there's  
3. an interest in getting somebody from both the  
4. insurance side and the boiler inspector side, we  
5. don't want to overload this committee by any extent,  
6. but we do want to have enough of a good input across  
7. a wide variable of people to bring things to the  
8. table.

9. So yeah, I would say if there's an  
10. interest, identify it with both myself and/or  
11. Jesse and we'll proceed forward with that. But  
12. hopefully, we'll have more communication to bring  
13. in March to be able to give some more traction to  
14. it and have some more information.

15. MR. ROBINSON: This was specifically  
16. for boiler qualification?

17. MR. BAUGHMAN: Well, it was  
18. specifically addressing training in multiple facets.  
19. That is, we talked about setting up some minimum  
20. training requirements, not so much certifications,  
21. but minimum training requirements for people  
22. operating boilers. And it wouldn't necessarily be  
23. just defined to high pressure. So we didn't want to  
24. limit it to that, but then the further discussion  
25. went, as discussions sometimes do within boiler

1. guys, is that it went off to those companies that  
2. are installing boilers, the qualifications or lack  
3. of qualifications that exist presently, and then  
4. also extending that over to the training of boiler  
5. inspectors and being able to have all these facets,  
6. the people that are installing the boilers, the  
7. people that are operating the boilers, and those  
8. people that are inspecting the boilers. So trying  
9. to get these facets together but not taking off such  
10. a big bite right on the front end. But when we talk  
11. about training, it encompasses so much within our  
12. industry. So we wanted to kind of narrow that down  
13. and take boiler operators first. So --

14. MR. HARTFORD: Sure.

15. CHAIRMAN MORELOCK: Yes, sir.

16. MR. TOTH: Who would be the governing  
17. body of this so-called committee and who authorized  
18. this committee to be formed?

19. MR. HARTFORD: It was formed last  
20. Boiler Board meeting. And then --

21. MR. TOTH: So it was formed by this  
22. body --

23. MR. HARTFORD: Yes.

24. MR. TOTH: -- at the last Boiler  
25. Board meeting? Mr. Chairman?

1. MR. HARGROVE: It was recommended.

2. CHAIRMAN MORELOCK: It was  
3. recommended. But that was a conversation that  
4. was -- was that on Friday after the --

5. MR. HARTFORD: No, no, that was  
6. during --

7. MR. HARGROVE: No.

8. MR. BAUGHMAN: No, it was during the  
9. Board meeting itself.

10. MR. HARGROVE: That was during the  
11. meeting.

12. CHAIRMAN MORELOCK: Yeah. That  
13. was -- but that was a discussion item.

14. MR. BAUGHMAN: Yes.

15. MR. ROBINSON: It was a discussion.

16. CHAIRMAN MORELOCK: And Jesse took  
17. that on to lead it, but we've not seen a charter;  
18. we've not seen a scope. So --

19. MR. HARTFORD: Okay.

20. CHAIRMAN MORELOCK: -- we can't  
21. endorse it until we see what we're endorsing.

22. MR. HARTFORD: Okay.

23. MS. JEFFERSON: And also, another  
24. thing, since it was recommended, I do want to -- I  
25. think it would be a good idea, I need to get Dan

1. involved in this, as well as the Commissioner, just  
2. to make sure this is the Department's --

3. CHAIRMAN MORELOCK: Right.

4. MS. JEFFERSON: -- what they want to  
5. do. We can't have Jesse acting on behalf of the  
6. Department when it hasn't --

7. CHAIRMAN MORELOCK: Right. Right.

8. MS. JEFFERSON: -- the Commissioner  
9. hasn't signed off or reviewed it.

10. CHAIRMAN MORELOCK: Right. Well,  
11. that's what I'm saying. We need a scope -- a  
12. charter and a scope. And so once you -- Dave, why  
13. don't you and Jesse get that developed? Let's put  
14. that on the March agenda, and it'll depend on what  
15. stage you're at if it's a discussion item or -- and  
16. we really need you all's input to see if it's even  
17. going to be a voted action or not really.

18. MR. BAUGHMAN: And would it be good  
19. to have that -- and I'm sure it'll be a discussion  
20. item at that point, because this isn't anything  
21. that's going to happen just quickly. It's going to  
22. take a lot of input from a lot of people. But  
23. definitely need the input of legal on the  
24. development of this, on whether or not it is the  
25. direction to go in. So -- because we sure don't

1. want to spin our wheels and say, hey, we really  
 2. think that boiler training is needed in our  
 3. industry. Although, we think it is. We bring --  
 4. some of us bring blinders to the table. And so we  
 5. want to make sure that everybody's in accord with  
 6. it.  
 7. CHAIRMAN MORELOCK: Are you good with  
 8. that?  
 9. MR. HARTFORD: Yes.  
 10. CHAIRMAN MORELOCK: Okay. Good.  
 11. Just want to make sure. All right. Any more  
 12. comments about that? All right. Anything -- any  
 13. other discussion items we've not addressed? Okay.  
 14. All right. Moving on to -- the next  
 15. Board of Boiler Rules Meeting is scheduled for  
 16. March the 15th, located here, and my next item is  
 17. 11, which is adjournment. So before I adjourn, I  
 18. want to wish everybody a Merry Christmas. Happy  
 19. New Year. I do want to thank the Boiler Unit and  
 20. I want to thank our administrator and Dan for his  
 21. legal advice and Deborah for all the things that  
 22. she did for the Fall conference and Carlene for  
 23. putting up with all of our questions and requests  
 24. for copies and agendas and all that stuff. And  
 25. just, it means a lot to -- we've all worked really

1. CERTIFICATE  
 2.  
 3. STATE OF TENNESSEE )  
 4. COUNTY OF WILLIAMSON )  
 5.  
 6. I, Dominique A. Dubois LCR# 686, Notary  
 7. Public and Court Reporter, do hereby certify that I  
 8. have recorded to the best of my skill and ability  
 9. by machine shorthand all the proceedings in the  
 10. foregoing transcript, and that said transcript is a  
 11. true, accurate, and complete transcript to the best  
 12. of my ability.  
 13. I further certify that I am not an attorney  
 14. or counsel of any of the parties, nor a relative or  
 15. employee of any attorney or counsel connected with  
 16. the action, nor financially interested in the  
 17. action.  
 18. SIGNED this 20th day of January, 2017.  
 19.  
 20.  
 21. \_\_\_\_\_  
 22. Dominique A. Dubois, LCR# 686  
 23. Notary Public State at Large  
 24. My commission expires: 8/9/2018  
 25.

1. well together in 2016, and I hope we continue that  
 2. in 2017.  
 3. And so with that, do I have a motion  
 4. to adjourn?  
 5. MR. PISCHKE: So moved.  
 6. CHAIRMAN MORELOCK: All right.  
 7. Second?  
 8. MR. BAUGHMAN: Second.  
 9. CHAIRMAN MORELOCK: All right.  
 10. Everybody vote by -- with their feet. You can stand  
 11. up and leave.  
 12. END OF PROCEEDINGS.  
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