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STATE OF TENNESSEE  
DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT  
BOARD OF BOILER RULES

QUARTERLY MEETING OF THE  
STATE OF TENNESSEE  
BOARD OF BOILER RULES

June 10, 2020



CASSANDRA M. BEILING, LCR# 371  
STONE & GEORGE COURT REPORTING  
2020 Fieldstone Parkway  
Suite 900 - PMB 234  
Franklin, Tennessee 37069  
615.221.1089

## 1 APPEARANCES:

2 Brian Morelock, Chairman  
3 Owner-User Representative

4 David W. Baughman  
5 Owner/User Representative  
6 Allied Boiler & Supply, Inc.  
7 4006 River Lane  
8 Milton, Tennessee 37118

9 Harold F. Bowers  
10 Insurance Representative  
11 Centerville, Tennessee

12 Terry Fox  
13 Boilermaker Representative  
14 Chattanooga, Tennessee

15 Dr. S. Keith Hargrove  
16 Mechanical Engineer Representative  
17 Goodlettsville, Tennessee

18 Jeff Henry  
19 Board Member

20 Sam Chapman, Chief Boiler Inspector

21 Chris O'Guin, Assistant Chief Boiler Inspector

22 Thomas Herrod, Assistant Commissioner  
23 State of Tennessee

24 Daniel Bailey, Esq., Legal Counsel  
25 State of Tennessee

Carlene T. Bennett, Board Secretary  
State of Tennessee Workplace Regulations &  
Compliance Division

1 APPEARANCES CONTINUED:

2 Jamie Presson, Executive Administrative Assistant  
3 State of Tennessee Workplace Regulations &  
4 Compliance Division

5 Deborah Rhone, Boiler Office Supervisor  
6 State of Tennessee

7 Deonne Bell, Boiler Staff Member  
8 State of Tennessee

9 GUEST APPEARANCES:

10 James Neville, Neville Engineering

11 Marty Toth, ECS Consulting

12 Eugene Robinson, Cincinnati Insurance Company

13 Stephen McDermott, Carry Transit

14 Debbie Ward, Tyson Foods, Inc. - Loss Control

15 Nissan North America:

16 Wade Willatt

17 John Honea

18 Jon Holland

19 Steven Duong

20 Chris Goddard

21 Hearthside Foods:

22 Dave Reavis

23 Heath Henry

24 Wendy Levan (Boiler Supply Account Representative)

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I N D E X

19-23 Hearthside Food Solutions, LLC  
20-01 Nissan North America Smyrna  
20-02 Carry Transit

A G E N D A

- I. Call Meeting to Order
- II. Introductions and Announcements
- III. Adoption of the Agenda
- IV. Annual Review of Conflict of Interest Policy and Completion of Policy Acknowledgment
- V. Approval of Minutes from the Last Meeting (December 11, 2019)
- VI. Chief Boiler Inspector's Report
- VII. Variance Report
- VIII. Old Business  
19-23 Hearthside Good Solutions, LLC
- IX. New Business  
20-01 Nissan North America Smyrna  
20-02 Carry Transit
- X. Open Discussion Items  
\* Update on the Boiler Computer System and Jurisdiction Online  
\* Update on September 20 Boiler Safety Conference
- XI. Announcement of Next Meeting  
The next scheduled meeting of the Board of Boiler Rules will be held at 9:00 a.m. on Wednesday, June 17, 2020, via Zoom video conferencing.
- XII. Adjournment
- \*\* Reporter's Note: All names are spelled phonetically unless otherwise provided to the Reporter by the parties.

\* \* \* \* \*

1  
2 MS. GEORGE: Good morning,  
3 everyone. I'm Nan George with Stone & George  
4 Court Reporting. I'll be the Zoom host today.

5 Our court reporter is Cassandra  
6 Beiling, who is also with Stone & George.

7 Our job is to ensure that a verbatim  
8 transcript of the proceedings is produced. Please  
9 think about attending this video conference no  
10 differently than you would think about being in a  
11 conference in person with a group of people.  
12 Anything that you say or do can be seen and by  
13 everyone else on the Zoom if your microphone is  
14 not muted. So because of that and the number of  
15 attendees today, we will mute everyone until  
16 you're called on to speak. If you have something  
17 to say before you're called on, please use the  
18 raise hand function that's located in the  
19 participant's screen.

20 We want to make sure that everyone  
21 that's on this Zoom is set up properly prior to  
22 the meeting starting so that we don't have any  
23 issues with audio or video once the meeting  
24 begins. When everyone is set up efficiently, the  
25 hearing should pretty much mirror what happens

1 when we're all together in the hearing room.

2 So if you haven't done so, please go  
3 to the chat box now and enter your name and the  
4 company that you represent.

5 When you're called on, please unmute  
6 yourself and verbally state your name and your  
7 company.

8 Thank you-all very much.

9 And Brian?

10 CHAIRMAN MORELOCK: Well, good  
11 morning everyone. I'm going to call this  
12 Tennessee board meeting to order. I want to thank  
13 you all for your willingness to participate in  
14 these unprecedented times to continue the work of  
15 public safety for the State of Tennessee. And I  
16 appreciate all the efforts from everyone involved  
17 here today. And I wanted you to know that.

18 We do have an agenda. I hope that  
19 everybody has access to that agenda. And so with  
20 that, the first item is to begin with some  
21 introductions and announcements. And the way I  
22 want to do that is, since we're not meeting face  
23 to face, to go through introductions, that I will,  
24 if I can get my -- here we go. Let me start at  
25 the top and work down my list.

1                   Nan George just introduced herself.  
2 I'm just going to go straight down the list.

3                   Mr. Willatt with Nissan, would you  
4 introduce yourself, please.

5                   MR. WILLATT: Yes. This is Wade  
6 Willatt with Nissan. And I'm in the room here  
7 with other members of Nissan. We'll go around and  
8 introduce ourselves.

9                   MR. HONEA: This is John Honea,  
10 Nissan.

11                   MR. HOLLAND: John Holland with  
12 Nissan.

13                   MR. GODDARD: Chris Goddard with  
14 Nissan.

15                   MR. DUONG: Steven Duong with  
16 Nissan.

17                   CHAIRMAN MORELOCK: Okay. And  
18 gentlemen, if you would, please, send a chat with  
19 all those names so that we can get those on the  
20 public record, please.

21                   Cassandra, if you'll introduce  
22 yourself.

23                   THE REPORTER: Cassandra Beiling,  
24 Stone & George Court Reporting.

25                   CHAIRMAN MORELOCK: Thank you.

1 Ms. Bell?

2 MS. BELL: Deonne Bell, Tennessee  
3 Boiler office staff member.

4 CHAIRMAN MORELOCK: Thank you,  
5 ma'am.

6 MS. BELL: You're welcome.

7 CHAIRMAN MORELOCK: Ms. Bennett?

8 MS. BENNETT: Carlene Bennett,  
9 board secretary.

10 CHAIRMAN MORELOCK: Mr. O'Guin?

11 MR. O'GUIN: Chris O'Guin,  
12 Tennessee Assistant Chief boiler inspector.

13 CHAIRMAN MORELOCK: Thank you.

14 Mr. Bailey?

15 MR. BAILEY: Dan Bailey, legal  
16 counsel.

17 CHAIRMAN MORELOCK: Mr. Baughman?

18 MR. BAUGHMAN: Dave Baughman,  
19 Allied Boiler and Supply, board member.

20 CHAIRMAN MORELOCK: Ms. Rhone?

21 MS. RHONE: Deborah Rhone, boiler  
22 office supervisor.

23 CHAIRMAN MORELOCK: Mr. Robinson,  
24 can you introduce yourself, please?

25 MR. ROBINSON: Eugene Robinson,

1 Cincinnati Insurance.

2 CHAIRMAN MORELOCK: Thank you.

3 Mr. Bowers?

4 MR. BOWERS: Harold Bowers, board  
5 member.

6 CHAIRMAN MORELOCK: Mr. Neville?

7 MR. NEVILLE: James Neville,  
8 Neville Engineering, representing Carry Transit.

9 CHAIRMAN MORELOCK: Ms. Presson?

10 MS. PRESSON: Jamie Presson,  
11 Executive Administrative Assistant for WRC.

12 CHAIRMAN MORELOCK: Thank you,  
13 Ma'am.

14 Mr. Henry?

15 MR. HENRY: Jeff Henry, board  
16 member.

17 CHAIRMAN MORELOCK: Mr. Toth?

18 MR. TOTH: Hi. This is Marty Toth  
19 with ECS Consulting and the Boisco Training Group.  
20 I have in the room with me three individuals. I  
21 will let them introduce themselves.

22 MR. REAVIS: David Reavis,  
23 Hearthside Foods.

24 MR. HEATH HENRY: Heath Henry,  
25 Hearthside Foods.

1 MS. LeVAN: Wendy LeVan, boiler  
2 supply account representative for Hearthside  
3 Foods.

4 CHAIRMAN MORELOCK: Thank you.  
5 And, also, please send -- I think you already have  
6 sent a chat to capture your name. I appreciate  
7 that.

8 Mr. Chapman?

9 MR. CHAPMAN: Sam Chapman, Chief  
10 Boiler Inspector.

11 CHAIRMAN MORELOCK: Mr. McDermott?

12 MR. McDERMOTT: (No verbal  
13 response.)

14 CHAIRMAN MORELOCK: Can you hear me  
15 to introduce yourself?

16 MR. McDERMOTT: (No verbal  
17 response.)

18 CHAIRMAN MORELOCK: Okay. I'll  
19 come back to that one.

20 Mr. Fox?

21 MR. FOX: Terry Fox, board member.

22 CHAIRMAN MORELOCK: Ms. Baker?

23 MS. BAKER: Tiffany Baker, State  
24 Boiler Unit.

25 CHAIRMAN MORELOCK: Mr. Herrod?

1 MR. HERROD: Tom Herrod, Assistant  
2 Commissioner for workplace regulations and  
3 compliance.

4 CHAIRMAN MORELOCK: Thank you.  
5 Ms. Ward?

6 MS. WARD: Yes. Debbie Ward with  
7 Tyson Foods.

8 CHAIRMAN MORELOCK: Thank you.  
9 Have I left anyone out?

10 MR. McDERMOTT: This is Steve  
11 McDermott again. Can you-all hear me?

12 CHAIRMAN MORELOCK: Yes. Thank  
13 you.

14 DR. HARGROVE: Keith Hargrove,  
15 board member.

16 CHAIRMAN MORELOCK: My apologies,  
17 Dr. Hargrove. I didn't see you as I was scrolling  
18 through my list.

19 DR. HARGROVE: It's a long list.

20 CHAIRMAN MORELOCK: Well, and as  
21 people make changes, it reshuffles it, so it's --  
22 it'll be just fine.

23 All right. Have I left anyone else  
24 out?

25 (No verbal response.)

1                   CHAIRMAN MORELOCK: All right. My  
2 name is Brian Morelock, and I work with Eastman  
3 Chemical, and I'm the chair of the Tennessee  
4 Board.

5                   Does anybody have any announcements?

6                   (No verbal response.)

7                   CHAIRMAN MORELOCK: Okay. That  
8 will take us to Item 3 of the agenda which is  
9 adoption of the agenda. And I hope everyone has  
10 access to an agenda. Carlene sent those out, so I  
11 would like to have a motion to accept the  
12 March 10th agenda.

13                   DR. HARGROVE: Motion to accept the  
14 March 10th agenda as printed. Keith Hargrove.

15                   MR. BAILEY: Would that not be the  
16 June 10th?

17                   CHAIRMAN MORELOCK: Yeah. What did  
18 I say?

19                   MR. BAILEY: March 10th.

20                   CHAIRMAN MORELOCK: Oh, yeah. So  
21 sorry. June 10th, 2020 agenda.

22                   DR. HARGROVE: Correction. Motion  
23 to accept June 10th agenda as printed.

24                   CHAIRMAN MORELOCK: Thank you.

25                   MR. BAUGHMAN: Second.

1                   CHAIRMAN MORELOCK: Thank you,  
2 Mr. Baughman, for that second.

3                   So now what we will do is we will  
4 have a roll call vote for adoption of the agenda.

5                   Mr. Baughman, how do you vote?

6                   MR. BAUGHMAN: Aye.

7                   CHAIRMAN MORELOCK: Okay.  
8 Dr. Hargrove?

9                   DR. HARGROVE: Aye.

10                  CHAIRMAN MORELOCK: Mr. Fox.

11                  MR. FOX: Aye.

12                  CHAIRMAN MORELOCK: Mr. Bowers?

13                  MR. BOWERS: Aye.

14                  CHAIRMAN MORELOCK: Mr. Henry?

15                  MR. HENRY: Aye.

16                  CHAIRMAN MORELOCK: Okay. We have  
17 an agenda.

18                  So the next item is Item 4. And this  
19 is the annual review of conflict of interest  
20 policy and completion of policy acknowledgment.

21                  Carlene, have you received all of  
22 those from the board members?

23                  MS. BENNETT: Yes, sir. I believe  
24 I have.

25                  CHAIRMAN MORELOCK: Okay. Very

1 good.

2 That will take us to Item 5, approval  
3 of the minutes from the last meeting, which was  
4 December 11th, 2019. So do I have a motion to  
5 approve the last board minutes at the December 11,  
6 2019 meeting?

7 MR. BOWERS: I vote to approve the  
8 meeting.

9 CHAIRMAN MORELOCK: Okay.  
10 Mr. Bowers, thank you.

11 Do I have a second?

12 MR. FOX: I second.

13 CHAIRMAN MORELOCK: Thank you,  
14 Mr. Fox.

15 We'll have a roll call vote for  
16 approval of the minutes.

17 Mr. Baughman?

18 MR. BAUGHMAN: Aye.

19 CHAIRMAN MORELOCK: Mr. Fox?

20 MR. FOX: Aye.

21 CHAIRMAN MORELOCK: Dr. Hargrove?

22 DR. HARGROVE: Aye.

23 CHAIRMAN MORELOCK: Mr. Bowers?

24 MR. BOWERS: Aye.

25 CHAIRMAN MORELOCK: Mr. Henry?

1 MR. HENRY: Aye.

2 CHAIRMAN MORELOCK: Okay. We have  
3 approval of the minutes. That will take us to  
4 Item 6, the chief boiler inspector's report.

5 So Chief Chapman, I will hand that  
6 over to you.

7 MR. CHAPMAN: Thank you, Chairman.

8 Number of inspections, state  
9 inspections, is 1,931; insurance agencies, 5,135,  
10 giving us a total of 7,066.

11 Total delinquent inspections -- as  
12 you know, we're -- from this COVID-19, our  
13 delinquents went up a little bit. So the number  
14 of vessels is 72,610; state inspectors is 682;  
15 insurance agencies is 220, giving us a total of  
16 902 delinquent inspections.

17 Number of code violations found was  
18 46; uncorrected violations was 45.

19 The variance inspection report will  
20 be reported on by the assistant chief, Chris  
21 O'Guin. The reporting data period is from October  
22 to December of 2019.

23 That is the chief's report.

24 CHAIRMAN MORELOCK: Thank you,  
25 Chief Chapman.

1           If anyone has any questions or  
2 comments, would you please state your name and  
3 then either ask your question or make your  
4 comments.

5           MR. BAUGHMAN: This is Dave  
6 Baughman, board member. You said that report is  
7 current up through the end of 2019; is that  
8 correct?

9           MR. CHAPMAN: No. I said, what it  
10 is, the reporting period is up to December of  
11 2019.

12          MR. BAUGHMAN: Thank you, Chief.

13          CHAIRMAN MORELOCK: Thank you. Any  
14 other questions or comments?

15          (No verbal response.)

16          CHAIRMAN MORELOCK: That will take  
17 us down to Item 7, which is the variance report.  
18 And I'll turn that over to Assistant Chief Chris  
19 O'Guin.

20          MR. O'GUIN: Thank you, Chairman.

21                 As of to date, we have 140 known  
22 variances. Eight of those are requiring a  
23 follow-up inspection; 75 are active; 20 are  
24 requiring an inspection; and 37 are dormant.

25                 This quarter we approved 11 variance

1 audits. Out of those 11, Clover Bottom; West  
2 Tennessee Healthcare of Jackson; West Tennessee  
3 Healthcare of Dyersburg; Claiborne Medical; Fort  
4 Sanders Regional; Cumberland Medical; Poly One;  
5 Yoplait; Lucite; Parkwest Medical; and Innophos.

6 That's all for the variance report.

7 CHAIRMAN MORELOCK: If there are  
8 any questions or comments to the variance report,  
9 please state your name and ask your question or  
10 make your comment.

11 (No verbal response.)

12 CHAIRMAN MORELOCK: All right.  
13 Thank you very much. That will take us to Item 8,  
14 which is old business. And we are going to  
15 discuss Item 19-3, Hearthside Food Solutions,  
16 located in Nashville, Tennessee. And they are  
17 requesting a new variance for two high-pressure  
18 boilers to operate under the requirements of  
19 Chapter 0800-03-03.08.

20 So if will you state your names and  
21 proceed with your item.

22 MR. BAILEY: Mr. Chairman?

23 CHAIRMAN MORELOCK: Yes.

24 MR. BAILEY: When you called that  
25 off, you said 19-3; it's 19-23.

1                   CHAIRMAN MORELOCK: Thank you. It  
2 is 19-23. I apologize.

3                   MR. TOTH: Thank you, Mr. Chairman.  
4 Again, this is Marty Toth with ECS Consulting.  
5 I'll be representing Hearthside Foods in their  
6 application.

7                   As mentioned, we have Dave Reavis  
8 with Hearthside and, also, Heath Henry with  
9 Hearthside Foods here.

10                  I'll give you a little background.  
11 Hearthside Foods is at 715 Massman Drive here in  
12 Nashville, Tennessee. They operate two  
13 Cleaver-Brooks boiler 100 horsepower steam boilers  
14 that are providing steam for process and, also,  
15 heated potable water. They have a maximum  
16 allowable working pressure of 150 PSI; however,  
17 they operate in the range of 100 to 105 PSI. They  
18 are a 24/7 operation and manned accordingly.

19                  Their boilers operate off natural  
20 gas. As the board recalls, there has been some  
21 revisions to the manual since it was initially  
22 submitted to the board. All board members should  
23 have received the copies of those revisions to the  
24 manual. Those are not technically a revision to  
25 the approved manual, so there is no revision page

1 information to that. They were just -- we had  
2 some additional equipment installed on the boilers  
3 since the initial submission. The Hearthside  
4 Foods has made tremendous efforts in updating  
5 their control equipment from Honeywell 7800 series  
6 controllers to Hawk 1000 integrated control system  
7 that has a Fireye CB-120E burner management  
8 system.

9           As I said, this is a 24/7 operation.  
10 It's very unique of a system. Most, for  
11 applicants, have one remote panel. Hearthside, to  
12 ensure complete coverage, we have installed three  
13 remote panels. The attendants, both remote  
14 attendant and boiler attendant responsibilities,  
15 are primarily served by the same individuals. We  
16 have the maintenance technicians, facility  
17 technicians that will be cross-qualified both as  
18 boiler attendant, slash, operator, and also serve  
19 the responsibility as the remote attendant.

20           We utilize radio communications  
21 throughout the plant. We also have a maintenance  
22 planner that is stationed from 7:00 a.m. in the  
23 morning until 3:30. Again, as I said, we have  
24 processes in place to ensure that we do have  
25 communication between all individuals that are

1 responsible for the boiler operations.

2 And I am welcome to any questions  
3 that any of the board members may have.

4 CHAIRMAN MORELOCK: Thank you,  
5 Mr. Toth.

6 I need to ask the board members, are  
7 there any conflicts of interest to any of the  
8 board members on this particular item?

9 (No verbal response.)

10 CHAIRMAN MORELOCK: All right.  
11 Hearing none, do I have a motion to discuss this  
12 item?

13 MR. BOWERS: A motion to discuss.

14 CHAIRMAN MORELOCK: Thank you,  
15 Mr. Bowers.

16 MR. BAUGHMAN: Second.

17 CHAIRMAN MORELOCK: I have a second  
18 from Mr. Baughman. So I will entertain any  
19 questions or comments from the board to Mr. Toth  
20 or the gentlemen from Hearthside at this time.

21 DR. HARGROVE: Keith Hargrove,  
22 board member. Mr. Toth, you mentioned that there  
23 are three remote access panels. Is the access  
24 protocol, as in passwords or whatever, how do they  
25 vary, or, certainly, are they different for the

1 three different remote access panels?

2 MR. TOTH: Okay. Good question,  
3 Dr. Hargrove. When we talk about three remote  
4 panels, we are referring to the east-side panels  
5 that were at the remote station. What you may be  
6 alluding to, if I'm reading you correctly, is  
7 password protection in regards to the integrated  
8 control systems at the boilers.

9 DR. HARGROVE: Yes, sir.

10 MR. TOTH: The Hawk 1000 system has  
11 a password protection to ensure that there are no  
12 changes to any of the control settings. So there  
13 is a password at the boiler for the control  
14 systems, yes, sir, for both boilers.

15 DR. HARGROVE: Mr. Henry and  
16 Mr. Reavis, those gentlemen, they have that  
17 information for access; is that correct? Are  
18 there any additional individuals that have access?

19 MR. TOTH: I can answer that  
20 question for you. Mr. Henry is new to the  
21 company, so he is just learning the system. The  
22 previous plant manager went to -- excuse me,  
23 maintenance manager -- went to a different  
24 location. So the passwords for control settings  
25 are with the service company that handles the

1 maintenance on the boilers itself. So if there's  
2 any changes that need to be made to those  
3 settings, they will come, initially, through a  
4 third-party service contract.

5 DR. HARGROVE: All right. Thank  
6 you, sir.

7 CHAIRMAN MORELOCK: Any other  
8 questions or comments?

9 MR. BAUGHMAN: Yes. Dave Baughman,  
10 board member. Is Dan Markey still the facility  
11 manager engineering?

12 MR. TOTH: No, he is not. Dan  
13 Markey has left the company and went to another  
14 location. Mr. Henry has taken over that position  
15 and he is the responsible party.

16 MR. BAUGHMAN: Okay. Was Dan the  
17 person in charge of training, and so forth, within  
18 this system?

19 MR. TOTH: The position of  
20 facilities maintenance manager was responsible for  
21 that. Mr. Henry has taken over that  
22 responsibility. Hearthside Foods has contracted  
23 with BTG to provide all training for both the  
24 remote attendants and boiler attendants.

25 MR. BAUGHMAN: Is that addressed in

1 the manual?

2 MR. TOTH: What part of that?

3 MR. BAUGHMAN: The responsibility  
4 for training. Because as it stands now, it's  
5 within that facilities manager engineering, and  
6 what you're saying is, is that there's a change  
7 now to BTG; is that correct?

8 MR. TOTH: No. No, sir. If you'll  
9 read the manual again, the position in the manual  
10 is that of Mr. Henry's. Mr. Henry has that  
11 responsibility for training, or his designee.  
12 Hearthside foods has chosen to contract out the  
13 training responsibilities to BTG. But he does not  
14 give up the responsibility for authority of  
15 monitoring that training and the recordkeeping  
16 therefore.

17 MR. BAUGHMAN: Okay. Mr. Henry,  
18 how familiar are you with this system, presently?

19 MR. HENRY: I have been with  
20 Hearthside now for two months. I'm pretty  
21 familiar with the boiler system that is in place  
22 at Hearthside.

23 MR. BAUGHMAN: Okay. One of the  
24 items I noticed on the hardware, you mentioned  
25 that there has been a hardware upgrade or update

1 from what we actually have in the manual; is that  
2 correct?

3 MR. TOTH: No. You should have  
4 received the revised pages. In your manual, if  
5 you look under Appendix D, the revised pages were  
6 sent some weeks ago that, where we installed the  
7 Hawk 1000 system and, also, that has the Fireye.  
8 If you'll on page 16, you should find that  
9 information.

10 MR. BAUGHMAN: How were those  
11 revision pages sent, Marty?

12 MR. TOTH: I would have to go back  
13 and -- I can't look at it right now. That would  
14 have been some months ago. The reason that we  
15 went forward with the submitting of the manuals  
16 with the old equipment is because we were unsure  
17 of the timeline when we would have been able to  
18 get that equipment in and then present it to the  
19 board. We, as a company, wanted to make sure that  
20 we had the variance in place, which we could have  
21 received a variance under the previous equipment,  
22 the control equipment that was on the boiler.  
23 This was a plan all along, and it just happened to  
24 be that when we started coming up to COVID, we saw  
25 where we were able to get the new equipment in.

1 And that was sent in. Maybe Ms. Bennett can look  
2 on her computer and see, or I can get back to the  
3 board at a later date. But it was quite a few  
4 weeks back.

5 CHAIRMAN MORELOCK: Carlene sent  
6 those pages out on May the 7th as a PDF file.  
7 Now, if it would be helpful, I think I can share  
8 my screen if you want to see those pages. Would  
9 that be beneficial?

10 MR. TOTH: Are you referring to me,  
11 Mr. Chairman, or Mr. Baughman?

12 CHAIRMAN MORELOCK: Mr. Baughman,  
13 do you want me to share my screen so you can see  
14 those pages and the other board members can see  
15 those pages?

16 MR. BAUGHMAN: I just found it  
17 myself. I appreciate it. It actually went to a  
18 junk folder instead of coming up. So I apologize  
19 for that.

20 And, Marty, I'm sorry, but that's  
21 part of the issue, is sending information out.  
22 But I apologize. I did not get that in my inbox.  
23 It actually went to my junk mail.

24 MR. TOTH: And that came from  
25 Ms. Bennett, Mr. Baughman?

1 MR. BAUGHMAN: It did.

2 MR. TOTH: Okay. Thank you.

3 MR. BAUGHMAN: I'll carry on with  
4 my question, since I've got the unmute button  
5 going.

6 So again, we've upgraded to a Hawk  
7 system. And what other upgrades? Since I didn't  
8 download the PDF to go look at it, what was the  
9 other upgrade, Marty?

10 MR. TOTH: Well, it was just the  
11 Hawk 1000 system that utilizes the Fireye CB-120E  
12 boiler management system.

13 MR. BAUGHMAN: Okay. So we're  
14 still using one level master, and then the  
15 auxiliary float or the auxiliary probes that were  
16 already on the boiler? They haven't been changed?

17 MR. TOTH: They have not. We --  
18 only Boiler Number 2 has a level master on it.  
19 So all of the other controls have remained the  
20 same. Obviously, going to the 1000, that changed  
21 the actuators.

22 MR. BAUGHMAN: So the question that  
23 I would have, then, is on the secondary low-water  
24 cutoff, is that the one that we've got the alarm  
25 wired into?

1 MR. TOTH: On the auxiliary cutoff?

2 MR. BAUGHMAN: Yes, sir.

3 MR. TOTH: In that case, I would  
4 have to double-check. I'm pretty certain that we  
5 do have an alarm on the auxiliary low-water cutoff  
6 that is going to send it to the e-stops.  
7 Absolutely.

8 MR. BAUGHMAN: In the manual, it  
9 states that an alarm will trip the boiler  
10 controller. And I know within the level master it  
11 would, but I didn't know how the secondaries were  
12 wired in.

13 MR. TOTH: Yeah. So on Boiler  
14 Number 2, it is going to go through that level  
15 master. We have discussed the options of updating  
16 Boiler Number 1 in the past, just briefly. But  
17 yeah, it is going to go as a normal installation  
18 would be. That would go through that auxiliary  
19 low-water cutoff.

20 MR. BAUGHMAN: Which does not trip  
21 the programmer. It goes straight to the e-stop,  
22 correct?

23 MR. TOTH: It goes straight to the  
24 e-stop. Yeah, absolutely. Well -- and so what  
25 we're doing is if that auxiliary low-water cutoff

1 trips, what does it do? It's not going to trip  
2 the energy to the controller. It's going to float  
3 the master gas valves to the boiler, and the  
4 boiler is going to come offline.

5 MR. BAUGHMAN: Yeah. I'm more  
6 concerned about how it alarms in that low-water  
7 condition, more so than just shutting the boiler  
8 off. It's gone off on a device that should cause  
9 an alarm trip, not just cutting off the gas  
10 valves.

11 MR. TOTH: Right. It is going  
12 to -- absolutely. It sends the alarm. The alarm  
13 gets sent, goes out to the remote panels. You get  
14 an audible, visual -- just the standard practices  
15 of tripping that e-stop at the remote stations.  
16 Absolutely.

17 MR. BAUGHMAN: On the checklist, on  
18 page 37, Item Number 36.

19 MR. TOTH: I don't have 37.  
20 Page 37?

21 MR. BAUGHMAN: Correct.

22 MR. TOTH: Okay. Item 36. Okay.  
23 Go ahead.

24 MR. BAUGHMAN: It says it included  
25 the test of the water column, but there's two

1 water columns on the boiler. And I was just  
2 looking for where it actually stated that in the  
3 manual. I couldn't find it. So I was just going  
4 to ask you where you could point me to that.

5 MR. TOTH: Absolutely. When we  
6 start talking about the normal duties -- and this  
7 is something that you see on a regular basis  
8 within these manuals -- the operation -- and I  
9 guess this is where the board needs to maybe  
10 identify this a little bit clearer, is that if  
11 we're talking about normal operations testing --  
12 or are we talking about how we're going to test  
13 the communication system?

14 The way that this system is set up,  
15 is that we're testing the communications of the  
16 boiler, not just the operations of the boiler.  
17 And if the board wants for it to be an operations  
18 test, then that needs to be specified. If we use  
19 a column blow-down to send an alarm, that's what  
20 the intent of 36 is for.

21 As you're aware, I was with the  
22 department during the construction of this  
23 checklist. So when you look at Part 4, even under  
24 part 3 of the manual, you will see that you have  
25 normal duties. And within the normal duties, it

1 can be performed by doing a boiler limit or a  
2 manual test of the alarm itself. There are  
3 various ways that we can actually send a signal to  
4 a remote station, as you're very aware of, so that  
5 they will receive that audible, and they can  
6 verify, yes, indeed, we did get that  
7 communication. Or what I usually do with my  
8 clients is we go through the process of training  
9 those individuals to do safety checks, to have  
10 that communication test. Such as flame failures,  
11 low-gas pressure tests, or we can do little water  
12 columns. And that's why that's indicated as yes.

13 MR. BAUGHMAN: And I appreciate  
14 that description, but from the best I can tell, as  
15 the question stands, it would change that answer  
16 from yes to no because it doesn't specifically  
17 identify the boiler water column; is that correct?

18 MR. TOTH: I would say that what  
19 you're stipulating is a yes-and-no answer. You're  
20 correct in that it doesn't spell out we are going  
21 to do a low-water column check, but if you look on  
22 Appendix F of the boiler log, there is a column  
23 indication there for low-water cutoff checks. And  
24 that is something that is put into our operational  
25 training and our processes; not necessarily the

1 variance itself, but in our operational training,  
2 we do and will stipulate daily low-water cutoff  
3 checks. Absolutely.

4 MR. BAUGHMAN: Then the reference  
5 in the checklist should change to the boiler log  
6 sheet, then, rather than the reference that's  
7 given for the manual presently, then.

8 MR. TOTH: If that's what you would  
9 like for us to put in there, we'll be more than  
10 happy to put that as no. Again, I reiterate, the  
11 manual itself is indicating that we have the  
12 opportunity by checking either a limit or doing a  
13 manual test. But by spelling out, are we doing a  
14 boiler water column test? No, we're catching all  
15 of those within the verbiage.

16 But if it pleases you, I will be more  
17 than happy to change that to a no. I don't see it  
18 affecting this variance at all. But if that's  
19 what you would like us to do, we'll be more than  
20 happy to change that checklist.

21 MR. BAUGHMAN: Well, the reason I  
22 bring it up is the checklist is specific and the  
23 question is specific and the answer is specific,  
24 and we're not talking in generalities. And so  
25 because of that, and being attention to detail as

1 we are, then that's why I address that, is that as  
2 we're going through this, we don't want to speak  
3 in generalities of checking limits. The checklist  
4 is very specific in what it's asking for. And so  
5 as long as we've got the correct reference to it,  
6 then I'm fine if we change that reference.  
7 Because the manual does include a test of that in  
8 your boiler log sheet.

9 MR. TOTH: And if I may add,  
10 Mr. Baughman, I agree with what you're saying.  
11 The checklist does specifically spell out the  
12 water column check, but it does not spell out such  
13 things as low-gas pressure check or flame failure  
14 check or anything of that nature.

15 So, again, when this checklist was  
16 created a number of years back, the intent was to  
17 spell out is there a way that you're checking it  
18 for the communication. But I will be more than  
19 happy to either look at adding it as an example  
20 within the normal duties, such as a parenthetical  
21 that states, you know, flame failure or water  
22 column. What I am not comfortable doing is  
23 putting it in the manual for a variance that says  
24 we will do a water column check that brings the  
25 boiler down to satisfy a communications check,

1 when they could use a flame failure or they can  
2 use a low-gas pressure switch or a high-gas  
3 pressure switch or a combustion air switch,  
4 whichever limit they wanted to. I'll be more than  
5 happy to put that in there as an example of one of  
6 those checks that they --

7 MR. BAUGHMAN: You bet. And I  
8 think the reason that I thought the water column  
9 check was there was because low-water conditions  
10 are one of the two leading causes of boiler  
11 failures each and every year. I thought that was  
12 why that was in the checklist, not so much as just  
13 checking the communications for a failure or an  
14 alarm signal for communications. I thought it was  
15 specifically addressing the low-water condition  
16 issue that exists in our industry.

17 MR. TOTH: And I couldn't agree  
18 with you more, that low-water conditions are right  
19 up there, if not the number one cause of  
20 malfunction of the low-water cutoff. That's the  
21 number one cause of accidents to boilers. So I  
22 agree. However, when we look at it, what is the  
23 purpose of the variance? What is the purpose --  
24 the intent of the variance? Is it an operation  
25 process of operating the boiler, or is the remote

1 variance process where we have a remote attendant.

2           So when we start putting operation  
3 information in there, how do you operate your  
4 boiler; then we start looking at it saying, well,  
5 how often are we going to do that; are we going to  
6 trip that boiler every time. There are systems  
7 that are out there that are very sensitive to  
8 that, as we've talked about many times. And those  
9 systems, we need to customize how we're going to  
10 operate those boilers and how we're going to test  
11 those controls and safety devices per the  
12 standards of the industry.

13           But I'll be more than happy to list  
14 the different types of controls that we may use to  
15 test the communications if that would satisfy you.

16           MR. BAUGHMAN: No. I'm not, so  
17 much, looking for that, Marty, as I was,  
18 specifically, addressing the water column issue.  
19 I'm satisfied with the communications. I just  
20 wasn't so much with the water column. I'm glad  
21 it's in the boiler log, but that's really where I  
22 was addressing it from, was make making sure that  
23 the water column is addressed. And if we don't  
24 have -- we're using boiler remote personnel and  
25 different types of personnel in these situations,

1 and we're going back and checking the boilers  
2 periodically. We want to make sure that the  
3 boilers are operated in a safe manner and to  
4 address the water column is, for one, an important  
5 issue.

6 MR. TOTH: Absolutely.

7 MR. BAUGHMAN: But that's my two  
8 cents' worth.

9 CHAIRMAN MORELOCK: Well, the only  
10 thing I would add to that is, from a board  
11 position, we want to prescribe the safe operation  
12 of a boiler, but we're not going to tell people  
13 how they do that. So we want that low water  
14 checked, but we're going to leave it up to the  
15 operator to know how to do that. We're going to  
16 prescribe what we need to do, but we're not going  
17 to tell them how to do it. Does that make sense?

18 MR. TOTH: Are you speaking to me,  
19 Mr. Chairman?

20 CHAIRMAN MORELOCK: Well, just to  
21 the board and visitors and everybody. It's a  
22 general question.

23 MR. BAUGHMAN: Brian, I agree.  
24 We're not so much, specifically, telling them how  
25 to do it and so forth. But because it is that

1 leading cause or one of the two leading causes of  
2 boiler failures each year, it's an important part  
3 of this proposition. And because of that, it  
4 needs to be addressed definitively within the  
5 operations manual of the variance. So how we  
6 identify it in the manual, not only for ourselves  
7 to look at it, but, also, in how it's identified  
8 for other personnel that are being trained on the  
9 manual, I think it's important to delineate it  
10 very specifically. But there again, that's my own  
11 thoughts with it.

12 CHAIRMAN MORELOCK: Well, now, and  
13 I understand your point, but the board is not  
14 going to train an operator how to blow down a  
15 boiler. Does that make sense? We're going to  
16 tell them they need to blow it down, but we're not  
17 going to write a variance manual on how to blow it  
18 down. And so we need to put that in the checklist  
19 that that needs to be done, but we're going to  
20 leave it up to other codes and standards that will  
21 definitively tell them how to do that. Does that  
22 make sense?

23 MR. BAUGHMAN: It does. Exactly.  
24 And I don't think that's the direction that we're  
25 looking to go, as far as training them on how to

1 do it. We want to just be specific telling them  
2 that it needs to be done.

3 CHAIRMAN MORELOCK: Yes.

4 MR. TOTH: And that's why I think  
5 it's very important. I think we're -- you know,  
6 we're coming from the same side, which is boiler  
7 safety, to ensure that boilers are operated safely  
8 and efficiently. That's where my job comes in, is  
9 to help them on the efficiency side of it as well.

10 And as can you see the log, I worked  
11 with Hearthside to create their log. One of the  
12 things that I stress to my clients is that I want  
13 to create a log not only for the operator  
14 themselves to be aware of the operation of that  
15 boiler, but also for management to be able to  
16 collect those logs at the end of the week or end  
17 of the day or look at it on a daily basis,  
18 whatever, and be able to see what operations we've  
19 been doing, and, also, to get Chief Chapman and  
20 his inspectors and also the insurance inspectors  
21 an idea of what operations are going on.

22 So I do agree with both of you  
23 gentlemen on this, and I'll be more than happy to  
24 revise the manual any way you see fit.

25 CHAIRMAN MORELOCK: Any other

1 questions or comments about this variance request?

2 (No verbal response.)

3 CHAIRMAN MORELOCK: All right.

4 Hearing none, do I have a motion to approve this  
5 variance contingent on a successful site visit  
6 from the boiler unit and incorporation of board  
7 member comments during this meeting today?

8 MR. BOWERS: I make that motion to  
9 approve that he has to update the comments, as  
10 we've talked about today, and, also, continue on a  
11 site visit from either the chief or assistant  
12 chief or one of his staff.

13 CHAIRMAN MORELOCK: Thank you,  
14 Mr. Bowers.

15 So I do have a motion. Do I have a  
16 second?

17 MR. FOX: I will second that.

18 CHAIRMAN MORELOCK: Okay, Mr. Fox.

19 I do have a second. Any other  
20 comments or questions?

21 (No verbal response.)

22 CHAIRMAN MORELOCK: All right.

23 Hearing none, we're going to have a roll call  
24 vote.

25 So, Mr. Bowers?

1 MR. BOWERS: Aye.

2 CHAIRMAN MORELOCK: Mr. Fox?

3 MR. FOX: Aye.

4 CHAIRMAN MORELOCK: Mr. Baughman?

5 MR. BAUGHMAN: Aye.

6 CHAIRMAN MORELOCK: Mr. Henry?

7 MR. HENRY: Aye.

8 CHAIRMAN MORELOCK: Dr. Hargrove?

9 DR. HARGROVE: Aye.

10 CHAIRMAN MORELOCK: All right. So  
11 we have a unanimous approval of this variance.

12 And thank you, gentlemen, for your time.

13 MR. TOTH: Thank you very much,  
14 Mr. Chairman. We appreciate you and the rest of  
15 the board.

16 CHAIRMAN MORELOCK: Okay. So that  
17 will take us to Item 9, new business. And our  
18 first item is 20-01. Nissan North America Smyrna  
19 is requesting a variance for three high-pressure  
20 boilers to operate under the requirements of  
21 0800-03-.8.

22 And so if you will introduce  
23 yourselves and present your item. And while  
24 you're preparing to do that, is there a conflict  
25 of interest for this item on the board?

1 (No verbal response.)

2 CHAIRMAN MORELOCK: I'm hearing  
3 none. So you may proceed, gentlemen.

4 MR. WILLATT: Hello. Can you hear  
5 me now?

6 CHAIRMAN MORELOCK: I can hear you  
7 now.

8 MR. WILLATT: All right. Sorry  
9 about that. This is Wade Willatt with Nissan.  
10 I'll wave, as we're all required to wear masks  
11 inside our facility.

12 As many of you know, the Nissan plant  
13 in Smyrna makes vehicles. Right now, we make six  
14 models: The Altima, Maxima, Leaf, Pathfinder,  
15 Rogue, and QX60. And we're adding the Murano  
16 later this fall. And we have the largest  
17 automotive plant by volume in North America, and  
18 the plant is known as the first --

19 MR. BAILEY: Mr. Chairman?

20 MR. WILLATT: -- Nissan plant in --

21 MR. BAILEY: Excuse me. Excuse me,  
22 Mr. Chairman. The court reporter has her hand up.

23 CHAIRMAN MORELOCK: Oh, I'm sorry.

24 THE REPORTER: I'm so sorry. He is  
25 cutting out.

1           If you can slow down, Mr. Willatt,  
2 quite a bit, because it's cutting out, I might be  
3 able to catch it better.

4           MR. WILLATT: Okay. It's cutting  
5 out on our end as well. I will try to talk  
6 slower. Is that better?

7           THE REPORTER: That is better, yes.  
8 Thank you.

9           MR. WILLATT: All right. So at our  
10 plant in Smyrna, we use our steam to make hot  
11 water. Our steam is isolated to our central  
12 utilities plant, and then converted to hot water,  
13 which is then distributed around the plant for our  
14 paint processes, as well as seasonal heat for the  
15 perimeter, and then heating of our dual temp water  
16 circulation system.

17           We have three Cleaver-Brooks boilers  
18 that were installed in 2013. They replaced the  
19 three cold-fired boilers that were installed 1951.  
20 Each boiler has a Hawk 4000 control with a Hawk  
21 ICS master controller. And we also have a  
22 Eurotherm control system for our central utilities  
23 plant for chilled water and compressed air and the  
24 steam system, as well as the Honeywell building  
25 management system.

1           Our remote attendant location is  
2 1,600 feet from the boiler room. And that's shown  
3 in Appendix A. And then on pages 7 through 10, we  
4 describe our boiler attendants and remote boiler  
5 attendants. Our boiler operators, which are  
6 boiler attendants, are 24/7 with a lead and an  
7 assistant. And then our HVAC NMAC operators,  
8 which serve as our remote attendants or will serve  
9 as our remote attendant, will be 24/7. And they  
10 have responsibilities for the HVAC of the plant,  
11 including all of our chilled water systems.

12           And Chris Goddard is our energy and  
13 environmental manager. He has responsibility over  
14 both of our maintenance teams, for both HVACs and  
15 the central utilities.

16           On page 11, you'll see our emergency  
17 procedure. Our remote e-stop is a push button  
18 with a cover on it to prevent accidental pressing.

19           And the reason for us applying for  
20 the variance at this time is we have made  
21 improvements to our control systems and, also, our  
22 IT infrastructure to allow us to communicate with  
23 the boiler house. In previous years, the boiler  
24 house or central utilities plant was isolated on  
25 its own network. Now we have communication, and

1 so now we have the ability to remotely monitor the  
2 system.

3 Was everyone able to hear everything?

4 CHAIRMAN MORELOCK: Yes. Are you  
5 ready for board comments and questions?

6 MR. WILLATT: Yes, sir, we are.

7 CHAIRMAN MORELOCK: Okay. Do I  
8 have a motion to discuss this item?

9 MR. BOWERS: Motion to discuss.

10 CHAIRMAN MORELOCK: Thank you,  
11 Mr. Bowers.

12 What questions/comments do you have  
13 on this request for a variance?

14 MR. BAILEY: Mr. Chairman, you need  
15 a second on the motion.

16 CHAIRMAN MORELOCK: Oh, I'm sorry.  
17 Thank you.

18 Do I have a second?

19 DR. HARGROVE: I second. Keith  
20 Hargrove.

21 CHAIRMAN MORELOCK: Thank you,  
22 Dr. Hargrove.

23 All right. What questions or  
24 comments do you have?

25 MR. BOWERS: The question I have

1 is -- for Nissan is with a boiler room -- maybe I  
2 missed it -- are they still going to be manned as  
3 they have before for when they put this monitoring  
4 system in?

5 MR. WILLATT: Yes, sir, the central  
6 utilities plant will still be manned. Our  
7 objective is to be able to make better use of our  
8 labor resources. And so they will still be there,  
9 but they have other duties, you know, such as,  
10 like, sweeping and maintaining the compressed air  
11 and chilled water systems, that we would like to  
12 free them up and provide them additional time to  
13 support.

14 MR. BOWERS: So their normal work  
15 space will still be the boiler room. Am I  
16 correct?

17 MR. WILLATT: Yeah. The boiler  
18 attendants -- we will still have our boiler  
19 control room, which is located in our central  
20 utilities plant, roughly 200 feet from the boiler  
21 room. They will still be there, the leadman and  
22 the assistant. So like I said, this will free  
23 them up. Instead of checking every 20 minutes,  
24 being able to have them check it once every four  
25 hours will allow them to perform other duties.

1                   MR. BOWERS:    So the control room  
2 will be manned 24/7?

3                   MR. WILLATT:    That is correct.

4                   MR. BOWERS:    Okay.

5                   CHAIRMAN MORELOCK:  Other  
6 questions?

7                   MR. BAUGHMAN:   Yes.  Dave Baughman,  
8 board member.  Concerning our log sheets, for one,  
9 I don't quite see the log sheet in the manual.  
10 And I'm interested to know how the operators log  
11 their four-hour checks.  But maybe I'm just  
12 overlooking the manual, the log sheet in  
13 particular.  I thought it referenced "G" in your  
14 checklist.

15                   MR. DUONG:    This is Steven Duong  
16 with Nissan.  As far as the log sheets for the  
17 physical checks, it will be -- so with the current  
18 20-minute log sheets we have now, we can add that  
19 to the manual, if that is preferred by the board.

20                   MR. BAUGHMAN:   Well, I'll leave  
21 that, I guess, up to others, but it's not  
22 preferred.  It is part of the checklist on having  
23 a boiler log sheet.  And so that log sheet needs  
24 to be, in my mind, part of the manual.  But I'll  
25 leave that up to discussion here in a minute.

1 I'm not seeing any technical data on  
2 the hardware. I see descriptions of what we're  
3 utilizing, but I see no technical data whatsoever.  
4 Can you refer to me anywhere to go for that?

5 MR. DUONG: As far as technical  
6 data --

7 THE REPORTER: Who is that  
8 speaking?

9 MR. DUONG: -- are you looking  
10 for --

11 THE REPORTER: Who is speaking?

12 MR. DUONG: -- boiler hardware,  
13 technical data or --

14 THE REPORTER: Who is speaking?

15 MR. BAILEY: Mr. Chairman, the  
16 court reporter is still having some issues with  
17 hearing.

18 THE REPORTER: If I don't see a  
19 mouth moving -- there's three people in that room  
20 and I don't know who's speaking. They'll have to  
21 introduce themselves each time.

22 MR. DUONG: Yes, ma'am. I  
23 apologize. So this is Steven Duong.

24 THE REPORTER: Thank you.

25 MR. DUONG: Mr. Bower, as far as

1 the hardware that you -- the technical  
2 specifications that you are referring to, are you  
3 meaning the boiler technical specifications, or  
4 are you referring to the controller  
5 specifications?

6 MR. BAUGHMAN: Well, our manual on  
7 Item 19 on the checklist just says does the manual  
8 include a description of the hardware, the  
9 personnel, the computer monitoring station. And  
10 so inasmuch as is -- the manual does include a  
11 description of it. It's just that we usually  
12 have, in the manual, the hardware itself to be  
13 able to look over to try to identify if there's  
14 any issues that we may have that comes up as far  
15 as communications or remote accessibility,  
16 security, so forth. And so I'll leave that up,  
17 also, for some discussion.

18 CHAIRMAN MORELOCK: Well, I mean,  
19 just a for instance, you list the boilers, but  
20 there's no Tennessee numbers listed. There's no  
21 national board numbers listed. Typically, we  
22 have -- you know, as Mr. Baughman has alluded to,  
23 there should be boiler data in this variance  
24 manual.

25 MR. WILLATT: Yes, sir. And we can

1 add that where we describe the boiler, so -- that  
2 was listed on our cover page but we can certainly  
3 add that.

4 MR. BAILEY: State your name.  
5 Whoever is talking, state your name before  
6 speaking, please.

7 MR. WILLATT: Sorry. This is Wade  
8 Willatt.

9 So we can add the descriptions with  
10 the boiler number to page 5, where we would have  
11 the boilers.

12 CHAIRMAN MORELOCK: Okay.

13 MR. WILLATT: And we can also add  
14 Appendix H, which would be a sample of the log  
15 sheet and Appendix I, which would be the  
16 specifications for the hardware.

17 CHAIRMAN MORELOCK: That would be  
18 very helpful. I did not see an appendices for a  
19 fault list, as well. And I did not find any job  
20 descriptions listed in your manual for those that  
21 are going to act as boiler attendants or remote  
22 monitoring personnel. I did not see a training  
23 log for the training. And we've already talked  
24 about that you do need an example of the boiler  
25 log.

1           And what's interesting in the manual,  
2 and this may just be your internal, but you're  
3 showing this manual as Revision 1. And from a  
4 board standpoint, if you have a site visit and the  
5 board approves this as Revision 1 and then we go  
6 to the site, if you're doing an internal revision  
7 to your manual, and the review team that goes in  
8 from the State of Tennessee sees revision 2 or 3,  
9 they're going to ask why that revision hadn't been  
10 approved by the board before they do a site visit.  
11 So if you want to have an internal revision of  
12 your manual, that's fine, but we need to have a  
13 good, clean revision record for the manual that's  
14 sent to the State of Tennessee that will line up  
15 with the board meetings where those manuals have  
16 been either approved for initial installation or  
17 revisions during renewal of those manuals.

18           Does that make sense?

19           MR. WILLATT: This is Wade Willatt.  
20 Yes, that makes sense.

21           CHAIRMAN MORELOCK: Okay. Thank  
22 you.

23           MR. BOWERS: You know, Brian --  
24 this is Harold speaking -- I'm thinking this  
25 manual, this submittal, lacks to the point where

1 it really needs to be resubmitted and they need to  
2 start probably back -- because there's so much  
3 lacking for the board members to -- that's my  
4 opinion -- so much lacking for the board members  
5 to look at, that they need to resubmit it and  
6 submit to go to the next meeting they can get on.

7 CHAIRMAN MORELOCK: Thank you,  
8 Mr. Bowers. Is that a motion or a comment?

9 MR. BOWERS: Just a comment for the  
10 other board members to discuss and see what they  
11 feel on it.

12 CHAIRMAN MORELOCK: Okay. So what  
13 do the other board members -- what is your  
14 comments to Mr. Bowers' statement?

15 MR. HENRY: This is Jeff Henry. I  
16 agree with Mr. Bowers.

17 CHAIRMAN MORELOCK: Thank you,  
18 Mr. Henry.

19 MR. BAUGHMAN: Mr. Chairman, I  
20 agree with Mr. Bowers. I would like to be able to  
21 submit, in whatever manner we need to, some  
22 specifics that would be good from a technical  
23 standpoint from my view point on what I would like  
24 to have, also, to analyze.

25 CHAIRMAN MORELOCK: Okay. Thank

1 you, Mr. Baughman. In fairness to Nissan, I think  
2 if the board is going to recommend taking the  
3 manual back, or if we vote to approve and it does  
4 not get approved, since they're here, virtually  
5 here, I think we ought to provide them with as  
6 many constructive comments as we can right now,  
7 regardless of whether the manual gets approved or  
8 disapproved. Do you-all agree?

9 DR. HARGROVE: Agree.

10 MR. BOWERS: Yes, I agree.

11 MR. FOX: This is Terry Fox. I  
12 agree with that also.

13 CHAIRMAN MORELOCK: Okay. Thank  
14 you, Mr. Fox.

15 Dr. Hargrove, did you have a comment?

16 DR. HARGROVE: No. I agree. We  
17 have approved variance submissions that have  
18 requested some modifications and additions. And  
19 so I think this submission fits that bill. I  
20 think it really comes down to the quantity of  
21 revisions or additions that are needed, and does  
22 it meet the needs of the variance request from the  
23 board.

24 CHAIRMAN MORELOCK: Well, I'll tell  
25 you what. Let's collect all of your comments, and

1 then we'll make a motion and see what becomes of  
2 that motion. Fair enough?

3 MR. BAUGHMAN: Yes.

4 CHAIRMAN MORELOCK: So what other  
5 comments does the board have on this manual?

6 MR. WILLATT: Mr. Chairman, this is  
7 Wade Willatt with Nissan.

8 CHAIRMAN MORELOCK: Yes.

9 MR. WILLATT: While people are  
10 gathering their thoughts. I did have one  
11 clarification request regarding the job  
12 descriptions.

13 CHAIRMAN MORELOCK: Yes.

14 MR. WILLATT: On page 9, we list  
15 the duties and job functions of the boiler  
16 attendants and the remote attendants. Is that not  
17 detailed enough or lacking in some way?

18 CHAIRMAN MORELOCK: Well, what you  
19 want to identify in your manual is that -- I do  
20 see normal duties for the boiler attendants and  
21 the operators, but your -- I mean, is this all  
22 inclusive of what they do for operators and  
23 attendants and remote attendants as well as their  
24 other requirements of their job when they're not  
25 attending the boiler or not at the remote station?

1                   MR. WILLATT: Yes, sir. Again,  
2 this is Wade Willatt. For the boiler attendants,  
3 their duties are monitoring the boilers and then  
4 physically checking the boilers. For the remote  
5 attendants, they monitor our building management  
6 system. So we have other technicians that are out  
7 in the field making repairs. We call them the  
8 NMAC operators. But our remote attendants are  
9 controlling our building management system, so  
10 making adjustments or responding to alarms in that  
11 building management system. That is the focus of  
12 their duty.

13                   CHAIRMAN MORELOCK: Okay. Let me  
14 take a quick look at this just a little bit more.  
15 I want to give you a fair review. I mean, I see  
16 the normal duties. Because what we're trying to  
17 determine is if you have an attendant that's going  
18 to attend the boiler every four hours under this  
19 variance, we, being the board, wants to have a  
20 clear picture of what -- what are these employees  
21 doing -- once they check the boiler, what other  
22 equipment are they going to be required to  
23 maintain and operate as well as the boilers? We  
24 want to make sure that they don't get distracted  
25 and would miss that four-hour check, or if they're

1 a remote monitor, could they be pulled away from  
2 their 24/7 post at a time where there would be a  
3 boiler alarm and the attendant or the remote  
4 monitor would be busy with something else and  
5 distracted. That's the intent of listing those  
6 job duties in this variance manual and showing how  
7 you are going to maintain that coverage as a  
8 remote attendant and the coverage as a boiler  
9 attendant.

10           And if you feel like these pages give  
11 a complete description of that, then I am -- I can  
12 retract that comment. If this is all inclusive,  
13 I'll retract my comment about the job  
14 descriptions. You may want to put it into a  
15 section called job descriptions so it's more  
16 readily accessible. And make sure it's complete.

17           What other comments do the board  
18 members have?

19           MR. BAUGHMAN: This is Dave  
20 Baughman, board member. Wade, the comments that  
21 I've just briefly wrote up were having the  
22 technical data available on the hardware of the  
23 system itself. Primarily, the remote monitoring  
24 information on the Hawk 4000, and then also within  
25 this Euro information -- Euro --

1 MR. WILLATT: The Eurotherm?

2 MR. BAUGHMAN: Yes, sir. I've got  
3 no information on the Eurotherm.

4 The other comment I have is the  
5 physical log sheet. I know we're talking about  
6 utilizing the log sheet, but having a physical log  
7 sheet available. It also mentions training logs.  
8 And those training logs are identified in your  
9 checklist. On Number 33 in the checklist states  
10 does the manual include a training log that  
11 contains the date, name, instructor's signatures  
12 and remarks. And it says not available. It's  
13 maintained electronically to be provided prior to  
14 the inspection. I would really like to see a  
15 sample of that training log, personally. I know  
16 it will be looked at during the time of  
17 inspection. But I would love to see a sample of  
18 that. And the reason for that is you're utilizing  
19 contract maintenance personnel. And I'm not quite  
20 sure to the extent of where we stand -- and you  
21 might just correct me. Is that correct, that  
22 we're using what's identified as CM personnel,  
23 contract maintenance?

24 MR. WILLATT: This is Wade Willatt  
25 with Nissan. That is correct. We use -- Yates

1 Services provides the labor support for both our  
2 boiler attendants and our remote attendants. For  
3 Yates Services, their training logs are all done  
4 the same way. They call it an ILU, Informed  
5 Learner and Understanding. And so the boiler  
6 variance and the requirements related to that will  
7 be added to the ILU training charts for both the  
8 remote attendants and boiler attendants; however,  
9 since we're not approved to have a remote  
10 attendant variance yet, we have not conducted the  
11 training.

12 MR. BAUGHMAN: When do you  
13 anticipate that training to be conducted? And I  
14 take it it's -- so it's an ongoing training  
15 because contract maintenance means, to me,  
16 temporary personnel. But Yates will probably be  
17 there for quite some time, but then again, if  
18 they're contract, they may come in and out.

19 MR. WILLATT: Again, this is Wade  
20 Willatt with Nissan. Our contract maintenance  
21 personnel, yes, they are technically contractors,  
22 but Yates Services provides a lot of the labor  
23 support for Nissan. And a lot of our Yates  
24 personnel has been here since the '80s. And so  
25 the Yates personnel are often looked at the same

1 way as a Nissan person. They're not considered  
2 what we would call a contractor where, you know,  
3 there may be concerns with training or leaving the  
4 site. They are ingrained into the Nissan  
5 facility.

6 MR. BAUGHMAN: Thank you. I see  
7 where the contract maintenance supervisors are  
8 responsible for staffing. Do we have the  
9 identification of the names of who these  
10 supervisors are within a flow chart or at least  
11 identifying them -- well, they are. I see the  
12 organizational chart now.

13 MR. WILLATT: Yes. So that's on  
14 page 7. And again, this is Wade Willatt.

15 So we signified the Nissan personnel  
16 with the red boxes and the Yates personnel with  
17 the blue boxes. And as you can see, all of the  
18 personnel reports up through Chris Goddard, who is  
19 their responsible party.

20 MR. BAUGHMAN: Who is ultimately in  
21 charge of training?

22 MR. WILLATT: In our manual, we  
23 specify that Chris Goddard is responsible for the  
24 training, and with the support of his energy  
25 engineering team, which is in the room here, we

1 will be conducting and specifying the training.

2 MR. BAUGHMAN: Very good. Thank  
3 you, Wade.

4 MR. WILLATT: And on page 7, I  
5 would like to just point out an editorial note.  
6 Steve Davis, who is listed as the contract  
7 maintenance manager, he retired during our  
8 shutdown for the COVID-19. And so he's been  
9 replaced with Robert Green. And we will make sure  
10 that that revision is included in our resubmittal.

11 CHAIRMAN MORELOCK: So I've got a  
12 question. And, of course, it's a question that I  
13 hope you would never have to really answer. But  
14 if your contract labor walked and you had to go  
15 back to the 20-minute rule, would Nissan have a  
16 trained boiler attendant to attend that boiler  
17 every 20 minutes if you lost your personnel, to  
18 have the variance?

19 MR. WILLATT: Mr. Chairman, this is  
20 Wade Willatt with Nissan.

21 CHAIRMAN MORELOCK: Yes.

22 MR. WILLATT: We do not have any  
23 Nissan personnel that are trained boiler  
24 attendants. We rely solely on the Yates Service  
25 personnel to manage and maintain our central

1 utilities plant.

2 CHAIRMAN MORELOCK: Okay.

3 Are there any other questions or  
4 comments for this variance proposal?

5 MR. BAUGHMAN: So being that you --  
6 this is Dave Baughman, board member. Being that  
7 you made that comment, Brian, where would that  
8 leave us?

9 CHAIRMAN MORELOCK: Well, I mean,  
10 it's a hypothetical situation, but it's kind of a  
11 Dr. Canonico question, right? And so, I mean, the  
12 reality, if that were to really happen, they would  
13 have to shut their boilers down because they would  
14 have no trained attendant to attend those boilers  
15 every 20 minutes.

16 MR. WILLATT: Mr. Chairman?

17 CHAIRMAN MORELOCK: Yes.

18 MR. WILLATT: This is Wade Willatt  
19 with Nissan. If Yates services walked, which  
20 supplies around 2,000 on-site personnel each day,  
21 the whole Nissan plant would be shut down, and so  
22 we would not need the boiler.

23 CHAIRMAN MORELOCK: Well, that's a  
24 good answer. But I don't think -- I don't know  
25 that all 2,000 would walk on you, but we just want

1 to make sure that you've got contingency plans to  
2 protect your pressure equipment. That's our role  
3 here today to make sure that Nissan can attend  
4 this boiler every four hours and have remote  
5 monitoring and boiler attendants to keep that  
6 equipment safe and keep the people that are making  
7 cars there safe. So that's why we're asking these  
8 questions.

9 I mean, if Nissan has got a  
10 contingency plan for that, to maintain contract  
11 labor, that can provide those services, that is  
12 your business. That's not our business. I  
13 understand that. But we do want to make sure that  
14 your facility is going to be operated safe.  
15 That's our main concern.

16 MR. WILLATT: Yes, sir.

17 MR. BAUGHMAN: One other question  
18 that I have. This is Dave Baughman, board member.  
19 I'm just looking through the boiler room layout  
20 diagram and so forth. I'm looking for the  
21 identification of where in the boiler room the  
22 emergency boiler shutoff switches are located.  
23 And then the other question is does a switch exist  
24 for each boiler, or does one switch kill all three  
25 boilers?

1 MR. WILLATT: This is Wade Willatt  
2 with Nissan. We have an e-stop located at each of  
3 the two doors inside the boiler room. We did not  
4 identify the walls of schematic in Appendix B.  
5 But they are identified in --

6 THE REPORTER: I didn't --

7 MR. WILLATT: But we can add the --

8 THE REPORTER: Can he repeat that?

9 MR. WILLATT: -- identification  
10 of -- I'm sorry.

11 THE REPORTER: I'm so sorry. I  
12 don't know whether you cut out or whether you  
13 weren't speaking. Just the last sentence. "We  
14 did not identify the walls..."

15 MR. WILLATT: On the schematics in  
16 Appendix B; however, we can identify the e-stops  
17 in Appendix F, which includes our room layout. We  
18 will highlight them. We have the electrical  
19 diagram, but it also shows the folders of the  
20 room.

21 MR. FOX: This is Terry Fox, board  
22 member. Dave, if you'll look at the floor plan  
23 power systems schematic, the red -- the e-stops  
24 are shown at that location. It's going to be on  
25 Drawing E-1 drawing number.

1                   MR. BAUGHMAN: Yes. I see that  
2 where it says "red emergency stop switch with  
3 safety cover." So do we have an e-stop at each  
4 point of egress, or do we have one just at that  
5 one location?

6                   MR. WILLATT: This is Wade Willatt  
7 with Nissan. Yes. We have one at each of the two  
8 methods of egress.

9                   MR. BAILEY: Mr. Chairman?

10                  CHAIRMAN MORELOCK: Yes, sir.

11                  MR. BAILEY: I'll just point out  
12 that it's been beyond 90 minutes. Do you want to  
13 finish this variance request and then take a  
14 break, or do you want to take a break?

15                  CHAIRMAN MORELOCK: If everybody  
16 can, I would like to finish this variance, if we  
17 could, and then we'll take a break. Any  
18 objections to that?

19                                (No verbal response.)

20                  CHAIRMAN MORELOCK: Okay.

21                  MR. BAUGHMAN: The one question  
22 that I still had, Wade, was does one switch kill  
23 all three boilers?

24                  MR. WILLATT: Yes, sir. Each of  
25 the two switches kills all three boilers.

1                   MR. BAUGHMAN: Very good. Thank  
2 you.

3                   CHAIRMAN MORELOCK: Any other  
4 questions or comments?

5                   (No verbal response.)

6                   CHAIRMAN MORELOCK: So gentlemen, I  
7 guess my concern with the manual is -- and the  
8 board members will have to vote this to see -- but  
9 is there enough information in this manual for the  
10 board to vote that they have a clear picture of  
11 how these boilers are controlled? Do they have a  
12 good enough equipment description? Do they have a  
13 fault list? And, I guess, that's just my concern.  
14 So are there any other questions or comments on  
15 this item?

16                   MR. BAILEY: Mr. Chairman, if I  
17 could ask, if there was a motion to defer this, is  
18 there a possibility that if they are able to get  
19 the items corrected in the manual or updated or  
20 whatever, is there a possibility they could be put  
21 on next week's agenda so as not to hold them up?

22                   CHAIRMAN MORELOCK: Certainly.  
23 Well, I mean, we've got next week and we've got  
24 the week after that, for that matter. I mean,  
25 yes. That's a true statement.

1                   MR. BAILEY:   So they wouldn't have  
2 to wait until September.  That's what I was  
3 wanting to try to clear up.

4                   CHAIRMAN MORELOCK:  Does the board  
5 have any objection to that?

6                   MR. BOWERS:  No.  I'll make a  
7 motion -- this is Harold Bowers, board member.  
8 I'll make a motion that we defer this until -- and  
9 they can either have next Wednesday or the  
10 following Wednesday to correct this manual.  So I  
11 make a motion that we defer this until the next  
12 meeting.

13                   CHAIRMAN MORELOCK:  Okay.  
14 Mr. Bowers has made a motion.  Do I have a second?

15                   DR. HARGROVE:  Second.

16                   CHAIRMAN MORELOCK:  I've got a  
17 second from Dr. Hargrove.  Any other comments  
18 about that?

19                   DR. HARGROVE:  That was Mr. Bowers.

20                   CHAIRMAN MORELOCK:  Sorry.

21                   DR. HARGROVE:  That's okay.

22                   CHAIRMAN MORELOCK:  Mr. Bowers made  
23 a motion and Dr. Hargrove seconded it.  Any other  
24 comments?

25                   MR. WILLATT:  Mr. Chairman, this is

1 Wade Willatt with Nissan. We would prefer to be  
2 on the agenda for June 24th. That will give us  
3 one week to prepare the resubmission, and then  
4 another week for the board to review.

5 CHAIRMAN MORELOCK: Okay. So you  
6 would like to be placed on the June 24th meeting  
7 agenda?

8 MR. WILLATT: Yes, sir.

9 MS. BENNETT: Mr. Morelock?

10 CHAIRMAN MORELOCK: Yes.

11 MS. BENNETT: Just so that they get  
12 that in so that we can get it mailed out to you  
13 guys in time to review. So I just want to make  
14 that point because if they're going to take a week  
15 to revise it, and then we're going to have to  
16 receive it in our office and then mail it out to  
17 you guys, unless it's electronic.

18 CHAIRMAN MORELOCK: Right.

19 MS. BENNETT: So just to note.

20 CHAIRMAN MORELOCK: That's an  
21 important point.

22 So gentlemen, can you get that  
23 corrected manual to the State in the next few days  
24 to give them time to get it sent out to the board  
25 members?

1 MR. WILLATT: Mr. Chairman, yes,  
2 sir. And if it eases, during this virtual time,  
3 we can submit an electronic copy, if that's easier  
4 to distribute.

5 CHAIRMAN MORELOCK: Well, why don't  
6 you send a hard copy and send a PDF that the State  
7 can directly go ahead and forward to the board  
8 members while we're waiting on the hard copy.

9 MR. WILLATT: Yes, sir.

10 CHAIRMAN MORELOCK: Okay. So now,  
11 with all that said, does the original motioner  
12 agree to these changes? Mr. Bowers?

13 MR. BOWERS: Yes. I would change  
14 the motion to defer until the 24th, and Nissan can  
15 present their information.

16 CHAIRMAN MORELOCK: Dr. Hargrove,  
17 do you agree to that change to the motion as a  
18 second?

19 DR. HARGROVE: I second that  
20 motion. Keith Hargrove.

21 CHAIRMAN MORELOCK: Okay. Any more  
22 comments?

23 (No verbal response.)

24 CHAIRMAN MORELOCK: All right. I  
25 have --

1                   MR. BAUGHMAN: Brian, I would have  
2 one. Dave Baughman, board member.

3                   CHAIRMAN MORELOCK: Okay.

4                   MR. BAUGHMAN: Is that -- if we do  
5 send it electronically, I don't know if, at least,  
6 having a read receipt maybe attached so if  
7 something goes to my junk mail that it gets  
8 identified, if you don't get a read receipt back.  
9 I'm guilty of not checking my junk mail on a  
10 regular basis as I should. So anyway, just if  
11 they're submitting electronically, I just want to  
12 have a way to confirm to the board members that we  
13 actually received it.

14                   CHAIRMAN MORELOCK: All right. We  
15 can email you when we got ours and see if you've  
16 got yours.

17                   DR. HARGROVE: Mr. Chairman, Keith  
18 Hargrove. In fairness to Nissan, we should also  
19 share the information for corrections that we're  
20 requesting from the board.

21                   CHAIRMAN MORELOCK: I agree with  
22 that. But I want Cassandra's comments on what's  
23 the most efficient way to get those comments to  
24 Nissan.

25                   THE REPORTER: I can go back and

1 look at this particular excerpt. Until I look  
2 back over it, I'm not sure exactly how long that's  
3 going to take me to get it to you. I mean, I  
4 could tell you within a day or so how long that  
5 would take me.

6 CHAIRMAN MORELOCK: Well, I don't  
7 want to unnecessarily put you in a bind. It's  
8 either that or the board members agree to email  
9 all of our comments to the State, and then the  
10 State forward those comments to Nissan. So what  
11 is preferred?

12 DR. HARGROVE: Keith Hargrove,  
13 board member. I recommend that the board members  
14 submit their items or comments to expedite and  
15 give Nissan the opportunity to respond as quickly  
16 as possible.

17 CHAIRMAN MORELOCK: Okay. So  
18 Chief Chapman and Deborah and Carlene, to make  
19 sure we're following -- and Mr. Bailey, for that  
20 matter, to make sure that we're following proper  
21 protocol, if we were to do that, would we send  
22 those to Deborah and Carlene so that they could  
23 forward those to Nissan? Is that the proper way  
24 to do that?

25 MS. RHONE: This is Deborah Rhone.

1 Yes. I think if you would send that to Chief Sam  
2 Chapman and then just cc Carlene and myself, and  
3 we'll make certain that it gets to them. Yes.

4 MS. BENNETT: Yeah. I don't have a  
5 problem with it, but if they have technical  
6 questions, then Sam would need to be involved  
7 about what they're submitting. I don't mind  
8 forwarding it at all, but if they have questions,  
9 I won't be able to help them.

10 MS. RHONE: Right.

11 CHAIRMAN MORELOCK: Is that okay  
12 with you, Deborah?

13 MS. RHONE: Yes. That's fine with  
14 me. Thank you, Carlene.

15 CHAIRMAN MORELOCK: So all the  
16 board members will submit your comments from  
17 today's meeting to Chief Chapman, and they will  
18 forward it to Nissan. And let's say that those  
19 comments need to be submitted no later than  
20 Friday. Okay?

21 (No verbal response.)

22 CHAIRMAN MORELOCK: All right. So  
23 that's how we'll handle sending the comments.  
24 I've got a motion and I've got a second. Are  
25 there any more comments?

1 (No verbal comment.)

2 CHAIRMAN MORELOCK: Hearing none,  
3 I'm going to call for the vote here.

4 So Mr. Bowers?

5 MR. BOWERS: Aye.

6 CHAIRMAN MORELOCK: Mr. Baughman?

7 MR. BAUGHMAN: Aye.

8 CHAIRMAN MORELOCK: Mr. Henry?

9 MR. HENRY: Aye.

10 CHAIRMAN MORELOCK: Dr. Hargrove?

11 DR. HARGROVE: Aye.

12 CHAIRMAN MORELOCK: And Mr. Fox?

13 MR. FOX: Aye.

14 CHAIRMAN MORELOCK: All right.

15 It's unanimous. We will send our comments to the  
16 State, and they'll forward those to Nissan. And  
17 then, gentlemen, if you'll connect with us on the  
18 24th, we'll hopefully have everything resolved and  
19 you can update your manual accordingly.

20 MR. WILLATT: Thank you,  
21 Mr. Chairman.

22 MS. BENNETT: And Mr. Willatt, if  
23 you need Zoom information for the 24th, just let  
24 me know and I'll be happy to email it to you.

25 CHAIRMAN MORELOCK: All right.

1 Thank you very much for the conversation. And  
2 let's take a break, and let's resume at 11:00 a.m.

3 (Recess observed.)

4 CHAIRMAN MORELOCK: We'll  
5 reconvene, and we are now at Item Number 20-20.  
6 Carry Transit is requesting a variance for one  
7 high-pressure boiler, and we have Mr. McDermott  
8 and Mr. Neville.

9 So before y'all start your  
10 presentation, are there any conflicts of interest  
11 for the board on this item?

12 MR. BAILEY: Mr. Chairman that's  
13 Item Number 20-02. You said 20-20.

14 CHAIRMAN MORELOCK: Oh, okay.  
15 20-02. Yes, you are correct. It's always good to  
16 keep me honest. All right.

17 If you guys are ready to present, you  
18 can present your item.

19 MR. NEVILLE: This is James Neville  
20 with Neville Engineering. We're presenting a  
21 variance for the request for Carry Transit out of  
22 Memphis, Tennessee. If Mr. McDermott's audio is  
23 working, I can let him describe what they do at  
24 Carry Transit.

25 MR. McDERMOTT: We actually

1 transload products from rail cars, liquid or dry  
2 cars, to trailers. We do everything from food  
3 grade to chemical. And we operate from 8:00 to  
4 5:00, Monday through Friday, using the boiler only  
5 during business hours. That's it in a nutshell.  
6 It's a small operation.

7 MR. NEVILLE: Right. So the boiler  
8 that is operated nine hours a day, five days a  
9 week, that steam is used to clean and sanitize the  
10 rail cars that they use to transport.

11 Now, we've listed in our site plan,  
12 and I'm not sure if it's best to actually share a  
13 screen or not, but on page 2 of our site plan, it  
14 shows the distance from the boiler room. And this  
15 is a boiler that's located in a Conex shipping  
16 container approximately 45 feet from the dispatch  
17 office where they will be monitoring that boiler  
18 from.

19 The individuals that will be  
20 monitoring the boiler at the remote station is  
21 defined as the -- on page 5 -- as the operation  
22 supervisor and the dispatch. The boiler  
23 attendants are identified as the yard foreman and  
24 the rail yard maintenance foreman. And those job  
25 descriptions are shown in Appendix G.

1                   Going to Appendix A, we list the  
2 boiler. This is a Cleaver-Brooks CBLE 700. This  
3 is a gas-fired boiler with Tennessee Number  
4 T90352. The controls on this boiler are the  
5 CB780E. We defined those in Appendix B with the  
6 specs on that controller.

7                   Appendix E shows the Conex showing  
8 the boiler and the boiler feed system. Appendix F  
9 shows our boiler log sheet. And that does include  
10 a system test. And in the previous variance, we  
11 had talked about a low-water cutoff test. And we  
12 do define that in our variance on page -- that  
13 would be page 8. Item 1, we show that a boiler  
14 water column test for low-water shutoff and alarm  
15 will be checked.

16                   We would be a glad to take any  
17 questions that you have regarding our variance.

18                   CHAIRMAN MORELOCK: Thank you,  
19 Mr. Neville. What questions do you have  
20 concerning this variance?

21                   MR. BOWERS: Brian, I make a motion  
22 to open discussion on this subject here.

23                   CHAIRMAN MORELOCK: Thank you,  
24 Mr. Bowers.

25                   Do I have a second?

1 MR. FOX: I will second that.  
2 Terry Fox.

3 CHAIRMAN MORELOCK: Thank you,  
4 Mr. Fox. Okay.

5 MR. BAUGHMAN: Conflicts?

6 CHAIRMAN MORELOCK: Is there a  
7 conflict on this particular item from the board?

8 MR. BAILEY: You already asked  
9 that, Mr. Chairman.

10 CHAIRMAN MORELOCK: I thought so.

11 MR. BAUGHMAN: I'm sorry.

12 CHAIRMAN MORELOCK: That's okay.

13 MR. BAUGHMAN: Not only was my  
14 computer muted, but my ears were muted.

15 CHAIRMAN MORELOCK: What questions  
16 do you have for this variance request?

17 MR. FOX: This is Terry Fox, board  
18 member. I do have a couple of questions,  
19 Mr. Neville.

20 MR. NEVILLE: Yes, sir.

21 MR. FOX: On your table of  
22 contents, you've got your Appendix B. It says B  
23 and then it says -- it looks like dash 1 dash 6.  
24 I'm only showing three pages.

25 MR. NEVILLE: That should be-- it's

1 possible that we condensed that to three pages,  
2 but let me check.

3 MR. FOX: Okay.

4 MR. NEVILLE: Yes. I believe that  
5 we did revise that. So that should be 1 through 3  
6 instead of 1 through 6.

7 MR. FOX: Okay. And I guess you  
8 did the same thing on, I believe it's C and E, and  
9 G, for that matter, or 1 through 9. And I'm not  
10 seeing that in G also.

11 MR. NEVILLE: Okay. I will revise  
12 that table of contents. It looks like the numbers  
13 there needed to be revised on the number of pages.

14 MR. FOX: Okay. And you say this  
15 boiler is kept in a Conex.

16 MR. NEVILLE: Yes. I can share a  
17 picture of that if you would like to see.

18 MR. FOX: I saw a description of it  
19 here.

20 MR. NEVILLE: Yes.

21 MR. FOX: Does that Conex have an  
22 e-stop?

23 MR. NEVILLE: Yes, it does. And I  
24 can show a picture of it. I believe we show it --  
25 if you look at the exit door, this is -- to that,

1 there's an "S" where we denote that as an  
2 emergency stop.

3 MR. FOX: Okay. Yeah. I'm seeing  
4 the "S." I just didn't see -- I just didn't see  
5 it noted as an e-stop.

6 MR. NEVILLE: Okay. Yes. We can  
7 add that note to that drawing. But that's the  
8 location of it.

9 MR. FOX: All right. That's all  
10 I've got for right now.

11 CHAIRMAN MORELOCK: Thank you,  
12 Mr. Fox.

13 What other comments do you have?

14 MR. BOWERS: A question about that  
15 Conex. Does it have more than -- I'm trying to  
16 find it here -- more than one means of egress on  
17 that thing?

18 MR. NEVILLE: There are doors on  
19 both ends, and then there's a door in the center.

20 MR. BOWERS: So for emergency exit,  
21 a person could get out either of those doors on  
22 the end?

23 MR. McDERMOTT: That is correct.

24 MR. BOWERS: That is correct. So  
25 if a person -- say a fire caught in there and the

1 boiler operator is in there, he can -- the Conex  
2 doors, are they not locked -- are they locked from  
3 the outside or are they locked from the inside?  
4 Can a person get out of those doors on each end?

5 MR. McDERMOTT: There's one, the  
6 man door. It looks from the inside. And there's  
7 double doors on the end that actually locks from  
8 the outside. But we normally keep those cracked  
9 during business hours. That's only closed after  
10 hours.

11 MR. BOWERS: But I think, according  
12 to code, they have to have a means -- they  
13 can't -- a person has to have two means of egress  
14 to get out of that boiler room. So those doors  
15 can't be locked. If that boiler is operating and  
16 the boiler operator is in there -- and correct me  
17 if I'm wrong -- those doors have to be where a  
18 person can get out one of those doors if that  
19 regular man door is closed.

20 MR. McDERMOTT: No. The man door  
21 stays open.

22 MR. BOWERS: But I'm saying let's  
23 say he can't get to the man door, the state law  
24 says -- I think the rules say you have to have two  
25 means of egress.

1 MR. McDERMOTT: Right.

2 MR. BOWERS: So he has to have a  
3 way, if he gets trapped in there, those doors,  
4 when he's in there, can't be locked from the  
5 outside. He has to be where he can get out. Now,  
6 correct me if I'm wrong, other board members, but  
7 I think that's the law. You have to have two  
8 means of egress.

9 MR. TOTH: Mr. Chairman, this is  
10 Marty Toth. Can I ask a question, sir?

11 CHAIRMAN MORELOCK: Mr. Toth,  
12 you'll have to speak up just a little bit.

13 MR. TOTH: Okay. I usually don't  
14 get accused of that. But the question I have is  
15 how big, square-footage-wise is the boiler room?

16 MR. McDERMOTT: I haven't measured  
17 that. I don't know the exact square footage.

18 MR. TOTH: Is it over 500 square  
19 feet?

20 MR. McDERMOTT: What's that? I'm  
21 sorry?

22 MR. TOTH: Is it over 500 square  
23 feet? Because that's when you're required to have  
24 multiple means of egress. And I was just trying  
25 to assist with that. If it's over 500 square

1 feet, you are required to have multiple means of  
2 egress at separate locations of the boiler room.  
3 If it's below that, you're only required to have  
4 one.

5 So, Mr. Bowers, hopefully, that  
6 helped you with that.

7 MR. McDERMOTT: It's a 45-foot  
8 container, so, I mean, it's going to be probably  
9 right around 400 to 500. But we do have an exit  
10 at each end, or one in the manway and then the  
11 other end of the boiler, that both doors stay  
12 either cracked or open, completely open. But  
13 they're -- and when I say they're cracked, I mean  
14 the doors you just push open.

15 MR. BAUGHMAN: Dave Baughman, board  
16 member. One other note to that 500 square foot is  
17 it also goes by the BTUs. And so it's a  
18 500-square-foot or above a BTU element also. So  
19 the other, if we qualify this as needing two  
20 access, then that second access door would need to  
21 have an e-stop also.

22 MR. NEVILLE: And we can definitely  
23 add that e-stop if -- we can check the square  
24 footage as well, but we could definitely add an  
25 e-stop to the second exit.

1           On Appendix E, if you look at the  
2 plan south, I guess, the south end, the bottom of  
3 the page, that's the exit that would be open  
4 during operations. So we could definitely have an  
5 e-stop assigned to that exit as well.

6           MR. BAUGHMAN: Okay. And yeah,  
7 again, regardless, somebody needs to look up our  
8 code on that reference of needing two means of  
9 egress on if it actually addresses BTUs also, in  
10 conjunction with the square footage.

11           But I've got a -- since I'm talking,  
12 I've got a question to bounce off of you. This is  
13 considered a stationary installation, which has  
14 clearance requirements, both from the sides, the  
15 front, the back, and overhead. And this boiler  
16 does have a manway. Typically, a boiler like this  
17 would be in a nonstationary rental type of  
18 installation where it's mobile and not a  
19 stationary installation. But being that it is  
20 stationary, it looks, to me, being the size of  
21 this boiler being a 200 horse, and a 45-foot  
22 Conex, that it doesn't actually meet the  
23 requirements for clearances. Would that be  
24 correct by anybody to confirm?

25           MR. NEVILLE: I mean, we can check

1 those clearances. I don't have those clearance  
2 numbers in front of me.

3 MR. BAUGHMAN: Right. Well,  
4 anybody else want to interject on that?

5 MR. TOTH: Mr. Chairman, this is  
6 Marty Toth. Can I ask a question? Maybe I can  
7 assist.

8 When was this boiler put into place?

9 MR. McDERMOTT: I want to say eight  
10 years ago. It's somewhere in that ballpark. I  
11 started with the company six years ago, and it was  
12 before I actually started with the company.

13 MR. TOTH: There's two things with  
14 this. Number one, just to concur with  
15 Mr. Baughman, there is a stipulation in the code  
16 that does require the 500 square feet or any  
17 boilers that exceed 1 million BTUs, or if you have  
18 multiple boilers and the total is over 1 million  
19 BTUs, it's required to have two means of exit. So  
20 that answers that question.

21 The next one is -- and Chief Chapman,  
22 he was not the chief at the time, but I would  
23 assume when this boiler was put into place, there  
24 was an installation permit that was submitted.  
25 That installation permit, if they received a

1 waiver for the clearance requirements, that  
2 usually comes along with the ability to do  
3 inspections or have access from the sides of the  
4 container to be able to inspect manways, things of  
5 that nature. So you may want to look in that  
6 direction.

7 MR. BAUGHMAN: Terry -- again, this  
8 is Dave Baughman. Terry. Do you know what the  
9 width of that 200 horse is?

10 MR. FOX: Most likely, it's a  
11 60-inch shell.

12 MR. BAUGHMAN: So we know, just  
13 through our experience, that a boiler put in there  
14 doesn't have a lot of clearance to go down either  
15 side. And Mr. McDermott probably knows how  
16 accessible that boiler is to getting around the  
17 sides of it.

18 And thank you, James, for sharing  
19 that.

20 MR. NEVILLE: There's a picture of  
21 that boiler, so...

22 MR. BAUGHMAN: So on the right-hand  
23 side, you've got clearance to go down, but on the  
24 left-hand side, you've probably got less than a  
25 foot. It looks like, maybe, six to eight inches,

1 which means that it's very difficult to get in and  
2 do any work except through the sides of the Conex,  
3 but -- and so I would look at both carbon  
4 monoxide -- I know that that's something we've  
5 talked about recently, but having a carbon  
6 monoxide alarm in that room is extremely  
7 important. But having those means of egress,  
8 especially if you're in the back of the boiler,  
9 that rear door. But there again, clearance over  
10 the top. You've got a manway that an inspector  
11 has to get up and look at. I just want a -- I  
12 would be interested to look at the installation  
13 permit. Because being a rental boiler, it's very  
14 typical. Being a stationary boiler, it's not.

15 MR. TOTH: Chairman, this is Marty  
16 Toth. Can I ask another question?

17 CHAIRMAN MORELOCK: Yes.

18 MR. TOTH: James, if we're looking  
19 at the side of the boiler, do you have access to  
20 be able to see things like the hand hole at the  
21 steam line, is that what I see on the left there?

22 MR. McDERMOTT: Yes. The access?

23 MR. TOTH: Right. And just to kind  
24 of back this up, you know, it's been quite a few  
25 years since I was chief inspector, but these, as

1 you say, Mr. Baughman, are not very common for  
2 permanent installations, but they are common. And  
3 especially in this day and age, I work with a lot  
4 of different clients, and a number of service  
5 companies that provide these type of units, and  
6 these are becoming very commonplace. But when the  
7 installation permits were created some years ago,  
8 it was taken into account to ensure that before  
9 the boiler was put into place, that the chief  
10 inspector and his designees were able to verify  
11 that they would be able to do a satisfactory  
12 inspection. And if these are accesses to do those  
13 inspections, that's why it's passed. And  
14 obviously, it's gone through the board. The  
15 board, at the time, gave that authorization to the  
16 chief inspector to provide waivers. As you say,  
17 they're not variances; they're waivers for  
18 installation. And that is written within the  
19 rules and regulations. Thank you.

20 CHAIRMAN MORELOCK: Thank you.

21 MR. O'GUIN: Chairman, this is  
22 Chris O'Guin, may I speak for a minute?

23 (No verbal response.)

24 MR. O'GUIN: Dave and Harold, I  
25 emailed you the code on the exit. And, also,

1 looking at this boiler, the certificate expired  
2 April of 2020. Just an FYI.

3 MR. McDERMOTT: Yeah. We --  
4 actually, our boilers, due to COVID-19, we've not  
5 been able to get the inspections completed. He's  
6 actually going to be inspecting the boiler this  
7 Saturday, as a matter of fact.

8 MR. TOTH: Mr. Chairman, this is  
9 Marty Toth again. Just to help with the  
10 reference, the clearance requirements you're going  
11 to find in 800-3-3.08 of paragraph 4B, is going to  
12 give you the -- it does read variance, but I know  
13 that we utilized the words as waivers in the past.  
14 But that's where it's stipulated, if that helps at  
15 all.

16 CHAIRMAN MORELOCK: Thank you,  
17 Mr. Toth.

18 What other questions do the board  
19 members have?

20 MR. BAUGHMAN: James or  
21 Mr. McDermott, this is Dave Baughman.

22 MR. NEVILLE: Yes.

23 MR. BAUGHMAN: What type of  
24 low-water equipment is on here? I see the  
25 equipment description for the CB780, but I don't

1 see a description as far as what we've got for low  
2 water. I'm just interested in...

3 MR. NEVILLE: If I can add that  
4 information. I don't have that in front of me.  
5 Perhaps Mr. McDermott has it.

6 MR. McDERMOTT: Well, we've got  
7 the -- my mind just went blank. Bear with me just  
8 a second.

9 THE REPORTER: If at any point we  
10 don't need to share the screen anymore, it would  
11 help me to be able to see more people. Thank you.

12 MR. McDERMOTT: I can't think of  
13 the name of it right off the top of my head.

14 MR. BAUGHMAN: Does it enunciate  
15 back to the remote station? Or does it just shut  
16 the boiler off?

17 MR. McDERMOTT: It shuts the boiler  
18 down whenever we have a low-water alarm.

19 MR. BAUGHMAN: Does it enunciate  
20 back to the remote station, or does it just shut  
21 the boiler off?

22 MR. McDERMOTT: We have the -- it  
23 just gives an alert on the boiler control, you  
24 know, the low-water alarm.

25 MR. BAUGHMAN: Does it alarm back

1 to the remote station, is what I was asking?

2 MR. McDERMOTT: Oh, no, not yet.  
3 We don't have those controls in place, but we're  
4 working on that. We ran into a little bit of  
5 resistance when COVID-19 kicked in.

6 MR. BAUGHMAN: Okay. Will they  
7 enunciate back at the remote station?

8 MR. NEVILLE: The alarms will  
9 enunciate, but, I mean, it will not be -- I mean,  
10 that will just be an e-stop at the remote station  
11 panel.

12 MR. BAUGHMAN: And that's fine. I  
13 just wanted to make sure. You knew what I was  
14 getting at, was making sure that the low waters  
15 themselves, the alarms would actually enunciate  
16 back to the remote panel and give an alarm status  
17 when they would hit an e-stop instead of just  
18 shutting the boilers off. Thank you.

19 CHAIRMAN MORELOCK: Thank you,  
20 Mr. Baughman. To add to Mr. Toth's comment,  
21 pulling up Rule 803-3-3.08, Item 4 does discuss  
22 clearance requirements in the rules. But 4B  
23 provides a variance. It says a variance from the  
24 requirements of the subparagraph A of this rule  
25 may be issued to the chief inspector or the chief

1 inspector's designee for the installation of steam  
2 heating, hot water heating, hot water supply, or  
3 unfired steam boilers or unfired pressure vessels,  
4 and the requests must be submitted to the chief  
5 inspector or the chief inspector's designee prior  
6 to installation.

7           So I'm assuming that there's a  
8 variance that's been filed for that to cover the  
9 clearance concerns on this particular boiler. But  
10 we've duly noted that now in the minutes.

11           MR. BAUGHMAN: Brian?

12           CHAIRMAN MORELOCK: Yes.

13           MR. BAUGHMAN: This is Dave  
14 Baughman. In that description of those boilers --  
15 I missed it -- but I heard unfired and hot water  
16 and so forth. But did it list power boilers?

17           CHAIRMAN MORELOCK: It just says  
18 for the installation of steam heating, hot water  
19 heating, hot water supply, or unfired steam  
20 boilers, or unfired pressure vessels.

21           MR. BAUGHMAN: Okay. So in that  
22 definition, none of those definitions apply to  
23 power boilers of high-pressure steam. They apply  
24 to steam heating, which is typically low pressure,  
25 hot water unfired vessels, but it didn't sound

1 like that definition applied to Section 1, power  
2 boilers. Am I missing it or --

3 CHAIRMAN MORELOCK: Well, and I  
4 don't have it in front of me, but I do remember  
5 many years ago an interpretation was brought to  
6 the board concerning clearances. And we currently  
7 have a couple of companies wanting to make  
8 presentations concerning clearances for the small  
9 instantaneous water heaters as well. So I  
10 don't -- I'll see if I can find that  
11 interpretation real quick, but if not --

12 MR. NEVILLE: If we don't have a  
13 variance on file for the clearance requirements in  
14 this, we apply for that as well, or does that need  
15 to be a separate...

16 CHAIRMAN MORELOCK: Yeah. I think  
17 that was something you just need to take up with  
18 the chief inspector.

19 MR. NEVILLE: Okay.

20 CHAIRMAN MORELOCK: Because the  
21 State issues that operating certificate,  
22 certificate of inspection.

23 MR. NEVILLE: Okay.

24 MR. BOWERS: Yeah. The question I  
25 have on that is as we change to different chiefs

1 over the years, is that kept -- that documentation  
2 kept to -- because someone along the line said,  
3 well, how did you do this. Well, I was told that  
4 I could do this. But where is your paperwork that  
5 says you can do this?

6 I know this is beyond what we're  
7 talking about, staying the variance, but it's just  
8 an interesting subject that how did the boiler go  
9 in there with that tight a fit, and he said well,  
10 it got approved. Well, where is the proof, you  
11 know? That's kind of the question. And as long  
12 as there's a documentation trail, how they  
13 approved the boiler being installed like that.

14 MR. BAUGHMAN: Dave Baughman here.  
15 And it was my understanding, over the years, that  
16 within a power boiler Section 1 you could have the  
17 waiver for a portable boiler, a rental boiler.  
18 But once it became stationary, then, because it  
19 was this high-pressure Section 1 power boiler, it  
20 had to meet the clearance code requirements.

21 But there again, it's just something  
22 that -- it was my understanding. And there again,  
23 Chairman Morelock reading the definitions of those  
24 boilers that have a waiver, unless there's an  
25 interpretation that I would be very interested in

1 seeing, then the installation itself doesn't meet  
2 the current clearance criteria.

3           So there again, it's just something  
4 for others within the department to look into and  
5 find out that information.

6           CHAIRMAN MORELOCK: I think due to  
7 the age of the installation, I'm confident that  
8 the State of Tennessee has got the documents for  
9 this, so I'm not worried about that. But we just  
10 need to address is this a safe installation; does  
11 this variance manual cover the requirements for  
12 safe operation with the remote monitor and boiler  
13 attendant.

14           So what other questions do you have?

15           MR. BAUGHMAN: I thought the  
16 manual -- I'm sorry, Keith.

17           DR. HARGROVE: Keith Hargrove.  
18 Mr. Chairman, did we identify a specific date or  
19 year of the installation of the boilers? Was  
20 there a response on that?

21           MR. O'GUIN: Dr. Hargrove, this is  
22 Chris O'Guin. 2013 is what EC message is showing,  
23 which is our state system for the installation.

24           DR. HARGROVE: All right. Thank  
25 you, sir.

1                   MR. BAUGHMAN: This is Dave  
2 Baughman. I think the manual, as presented, is  
3 very good with the changes that Mr. Fox indicated  
4 within those pages that were condensed.  
5 Mr. Neville, you always make a very concise,  
6 thorough manual, and we appreciate that. And I  
7 don't have any concerns on the equipment, other  
8 than the -- addressing the points of egress and  
9 having an operable door for egress purposes,  
10 having the addition of an e-stop. And then we can  
11 make this contingent upon whether the boiler is  
12 actually installed within a proper boiler room.  
13 Because since it is permanent, it's within the  
14 requirements for a permanent boiler room. So then  
15 again, we could have a motion according to that.

16                   CHAIRMAN MORELOCK: I agree with  
17 Mr. Baughman. The business before us today is  
18 this variance, and so we've been asked to review  
19 the variance. There may be some concerns about  
20 the installation, but those concerns can be  
21 addressed by the boiler unit, unless the board  
22 would need to hear something in the future. But  
23 as of right now, the boiler unit can address the  
24 installation concern, and we need to look at the  
25 variance manual and see if it meets the

1 requirements of the checklist and Tennessee law  
2 and rule.

3 Any other comments or questions?

4 MR. McDERMOTT: I can probably help  
5 him with that. I mean, the reason why we wanted  
6 it in this container is because we're going to be  
7 doing an expansion at some point, and this will  
8 have to be at a different location. At that  
9 point, it will more than likely be put in a  
10 permanent location.

11 But from my understanding, before I  
12 was hired on, they were looking at the possibility  
13 of expanding, so that's why they kept it in this  
14 container.

15 CHAIRMAN MORELOCK: Well, thank  
16 you, Mr. McDermott.

17 And with that said, still, it had to  
18 be approved by the State of Tennessee to give you  
19 a certificate of inspection. So...

20 MR. BOWERS: Yeah. The only  
21 question is, Brian, without the documentation, it  
22 might have been put in -- you know how things slip  
23 by and say, well, it's going to be a temporary  
24 operation. And they say okay, we'll approve it as  
25 a temporary operation. Now, as a boiler

1 inspector, myself, I would have a hard time  
2 reapproving it unless I'd seen some documentation  
3 that states that, no, this is fine. Because it  
4 might have been a -- back then they said okay,  
5 it's only going to be a year or two and we'll let  
6 it go, but -- and actually, it kept carrying on  
7 because it has been installed like that, and they  
8 just assumed that, hey, this is a forever thing.  
9 But it may not have been intended to be a forever  
10 thing. It might have been a temporary thing.

11 CHAIRMAN MORELOCK: I agree,  
12 Mr. Bowers, but again, the item on our agenda  
13 today is for a variance request. And we'll need  
14 to let the State of Tennessee handle the  
15 installation concerns.

16 MR. BOWERS: Yeah. I agree a  
17 hundred percent. This has nothing to do with the  
18 variance.

19 CHAIRMAN MORELOCK: Yes. Yes.  
20 It's a great conversation, though. I mean, it's  
21 good to have all that out there and be able to  
22 look at it and have comments on that, so...

23 So are there any other concerns about  
24 the variance manual? Questions, comments,  
25 concerns? And if not, do I have a motion for this

1 variance request for Carry Transit?

2 MR. BAUGHMAN: Motion to approve.

3 MR. BOWERS: Second.

4 CHAIRMAN MORELOCK: Okay. I've got  
5 a motion from Mr. Baughman and I've got a second  
6 from Mr. Bowers to approve this variance  
7 contingent on a successful site visit from the  
8 boiler unit and any revisions to the manual based  
9 on comments from the Tennessee board meeting  
10 today. All right. So --

11 MR. HENRY: Mr. Chairman, this  
12 is --

13 CHAIRMAN MORELOCK: Yes,  
14 Mr. Bailey.

15 MR. HENRY: This is Jeff Henry.

16 CHAIRMAN MORELOCK: Oh, I'm sorry.  
17 Mr. Henry --

18 MR. HENRY: That's all right. I  
19 just have a clarification from -- I think  
20 Mr. Bowman made the motion. Are you going to add  
21 the contingency in regard to the placement of the  
22 e-stop at the second point of egress?

23 CHAIRMAN MORELOCK: Have we decided  
24 that it's necessary? And if we have decided it's  
25 necessary, then yes, it would need to be placed.

1                   MR. BAUGHMAN: Dave Baughman here.  
2 So two things with that. For one, making sure  
3 that we've got an operable point of egress. A  
4 Conex door and the way it operates and opens and  
5 closes, I don't know if we want to classify that  
6 as an operable door, but I'll kind of leave that  
7 up to the powers that be. But by the code that we  
8 discussed and some of the information that was  
9 just sent over, that it is a requirement that we  
10 have the two points of egress, and, therefore,  
11 we'd need to have another e-stop also.

12                   CHAIRMAN MORELOCK: Thank you,  
13 Mr. Baughman. And Mr. Neville has already stated  
14 that there would be no problem to add that second  
15 e-stop.

16                   MR. NEVILLE: We can definitely add  
17 that.

18                   CHAIRMAN MORELOCK: Okay. So we've  
19 got agreement on that. Are there any other  
20 concerns about this motion?

21                   (No verbal response.)

22                   CHAIRMAN MORELOCK: All right.  
23 Hearing none, I'm going to do a roll call.

24                   So Mr. Baughman?

25                   MR. BAUGHMAN: Aye.

1 CHAIRMAN MORELOCK: Mr. Bowers?

2 MR. BOWERS: Aye.

3 CHAIRMAN MORELOCK: Mr. Fox?

4 MR. FOX: Aye.

5 CHAIRMAN MORELOCK: Dr. Hargrove?

6 DR. HARGROVE: Aye.

7 CHAIRMAN MORELOCK: Mr. Henry?

8 MR. HENRY: Aye.

9 CHAIRMAN MORELOCK: All right.

10 Gentlemen, you have a contingently approved  
11 variance for Carry Transit for this one boiler,  
12 again, contingent on a successful site visit from  
13 the boiler unit and corrections to the manual  
14 based on comments from the Tennessee board today.

15 MR. McDERMOTT: Thank you.

16 CHAIRMAN MORELOCK: Thank you.

17 MR. TOTH: Mr. Chairman, this is  
18 Marty Toth. Can I make a statement real quick?

19 CHAIRMAN MORELOCK: Yes, please.

20 MR. TOTH: Okay. On that last one,  
21 since you passed it, just to be clear, the means  
22 of exit -- Mr. Baughman and I were talking about  
23 this -- the 500 square feet and the 1 million  
24 BTUs, that's an "and" statement.

25 CHAIRMAN MORELOCK: It's what?

1 MR. TOTH: It's an "and" statement.  
2 It's not an "or" statement, meaning that --

3 CHAIRMAN MORELOCK: Okay.

4 MR. TOTH: -- it has to have -- if  
5 it's over 500 square feet of -- not heating  
6 surface but the room size is over 500 square feet  
7 and it has a unit that is 1 million BTU or greater  
8 for multiple units, that the sum is 1 million BTU  
9 or greater, it's required to have multiple means  
10 of egress. Does that make sense?

11 And if you would like, I would be  
12 more than happy to give you that reference and you  
13 can read it yourself. I just wanted to make that  
14 clear, that the need for a second means of egress,  
15 in this case, unless that unit, unless that  
16 storage unit is over 500 square feet, it's not  
17 necessary per the rules and regulations and, also,  
18 NBIC code.

19 CHAIRMAN MORELOCK: Okay. That's a  
20 grade comment and it's been duly noted and it will  
21 be in the minutes. So thank you for that  
22 information.

23 MR. BAUGHMAN: This is Dave  
24 Baughman. I'll make an additional comment to  
25 that. And that's true, the code states exactly

1 what Mr. Toth says. The issue I have is the  
2 accessibility and the lack of clearance within  
3 that boiler room. We've got one very good side  
4 door. But if you're trapped in the back of that  
5 boiler, you've got no means of exit.

6 And so by the code, the 500 square  
7 feet and containing one or more boilers is true,  
8 but this installation is nontypical. And from a  
9 safety standpoint, if I was looking at it and  
10 advising the customer, Carry, I would be advising  
11 them on a second means of egress at the back of  
12 that boiler. So just my particular comments on it  
13 from a safety standpoint.

14 MR. TOTH: And if I may add,  
15 Mr. Chairman -- Marty Toth again -- I agree  
16 100 percent. I think -- I'm speaking strictly  
17 from rules and regulations and codes and what is  
18 required versus what is best practices. I also  
19 would recommend to cover the issues that are being  
20 brought up concerning the clearances, that that  
21 could be something that would be put into an  
22 interpretation for a rule change that comes in  
23 concerning the clearances that Mr. Baughman has  
24 brought to everyone's attention.

25 CHAIRMAN MORELOCK: Thank you,

1 Mr. Toth. And thank you, Mr. Baughman. And the  
2 good thing about all this information is this will  
3 help the boiler unit make a very informed decision  
4 as they help Carry Transit work through that.

5 And like I said, I'll have to do some  
6 digging, but I know that it's been many years ago  
7 there was either a board case or a board  
8 interpretation concerning boiler clearances. And  
9 so I'll try to go out and look at that after this  
10 meeting and we'll see what we can find. I'll send  
11 it to boiler unit when I find it.

12 All right. So we do have a unanimous  
13 vote on 20-02 for Carry Transit.

14 That finishes all of our new  
15 business. That will take us to Item Number 10,  
16 which is open discussion items. And the first  
17 item is an update on the boiler computer system  
18 and Jurisdiction Online update.

19 MS. PRESSON: This is Jamie with  
20 Workplace Regulations and Compliance. After much  
21 consideration, we have decided not to move forward  
22 with putting the boiler unit into Jurisdiction  
23 Online. Our experience so far with Jurisdiction  
24 Online has not been very positive. We've had  
25 several issues that are open tickets that are

1 still open since last year, that they have not  
2 bothered making the changes or updates that we  
3 need, so we cannot see putting boilers in this  
4 situation with as many vessels as they have.

5 We are currently in talks with our  
6 internal IT department to have the current system  
7 rewritten, eCMATS. We feel that enhancing eCMATS  
8 will be more beneficial to our staff and to  
9 insurance carriers because we plan on having a  
10 piece built in for them so they can go and enter  
11 their information in directly, instead of having  
12 to provide information to us.

13 Also, we're working with our IT to  
14 have a payment portal built that will allow  
15 customers to pay via credit card or eCheck. At  
16 this time, there's no date of completion that's  
17 been set, but we're hoping that this will be ready  
18 to roll out by the end of the year.

19 CHAIRMAN MORELOCK: Thank you for  
20 that report.

21 Any questions about that? Comments?

22 (No verbal response.)

23 CHAIRMAN MORELOCK: Okay. Well,  
24 thank you. That's very good information.

25 Our next open discussion item is an

1 update on the September 2020 boiler safety  
2 conference.

3 MS. RHONE: Yes. This is Deborah  
4 Rhone, the boiler office supervisor. The 2020  
5 boiler inspector safety conference has been  
6 canceled. The conference was originally scheduled  
7 for September 14th through the 18th in Memphis.  
8 We would definitely like to thank Valero Memphis  
9 Refinery for agreeing to provide co-sponsorship.  
10 We really want to thank them. And future year  
11 conferences are anticipated. Thank you.

12 CHAIRMAN MORELOCK: Thank you,  
13 Deborah. We all are going to miss it, but we  
14 fully understand. It's been pretty amazing with  
15 the pandemic that there's been so many events that  
16 people look forward to annually that are not going  
17 to happen right now. And we understand why. But  
18 thank you for that update. We look forward to  
19 what 2021 brings.

20 MS. RHONE: Yes.

21 CHAIRMAN MORELOCK: Okay. Moving  
22 on to Item 11, which is announcement of the next  
23 meeting. And the next scheduled meeting of the  
24 board of boiler rules will be held on Wednesday,  
25 June the 17th at 9:00 a.m. Central Standard Time,

1 via Zoom video conferencing.

2           And so before I adjourn, I just want  
3 to thank you-all for your patience and being so  
4 helpful to make this virtual meeting work  
5 smoothly, even though I look at words and say the  
6 opposite, but thank you for helping me through  
7 that.

8           But it's been very successful to be  
9 able to help people with variances and questions,  
10 and so I look forward to our meeting next week.  
11 And last chance for any comments from anybody  
12 before we adjourn.

13           DR. HARGROVE: (Indicating.)

14           CHAIRMAN MORELOCK: Dr. Hargrove?

15           DR. HARGROVE: I was just showing  
16 an applause for us getting through this first  
17 virtual meeting. And many thanks to those that  
18 helped put this together. I'm sure we'll get  
19 better over time.

20           CHAIRMAN MORELOCK: Yeah, I think  
21 so. And we do give thanks to Nan George and  
22 Cassandra Beiling and just all the boiler unit  
23 folks and everybody for pulling all this together.  
24 Just a normal meeting takes a lot of work, Carlene  
25 and Deborah and everybody sending out information

1 and books. Chief Chapman and Assistant Chief  
2 O'Guin are pulling information together for  
3 reports. So it's a lot of work to put one of  
4 these meetings together, and Mr. Bailey keeping us  
5 legally correct and we appreciate that. And so I  
6 thank you-all and the board members for taking  
7 your time to read through this material and  
8 provide your expertise and information to us to  
9 make an informed decision.

10                   And for our visitors that have still  
11 hung on, I thank you-all for hanging on and  
12 participating, and we'll do it again next week.

13                   So if there's nothing else, I wish  
14 you-all a really productive week, and thank you  
15 again.

16                   MS. GEORGE: Thanks, everyone.

17

18                   END OF THE PROCEEDINGS.

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## 1 C E R T I F I C A T E

2 STATE OF TENNESSEE )

3 COUNTY OF WILLIAMSON )

4 I, Cassandra M. Beiling, a Notary Public  
5 in the State of Tennessee, do hereby certify:6  
7 That the within is a true and accurate  
8 transcript of the proceedings taken before the  
9 Board and the Chief Inspector or the Chief  
10 Inspector's Designee, Tennessee Department of  
11 Labor & Workforce Development, Division of  
12 Workplace Regulations and Compliance, Boiler Unit,  
13 on the 10th day of June, 2020.14  
15 I further certify that I am not related to  
16 any of the parties to this action, by blood or  
17 marriage, and that I am in no way interested in  
18 the outcome of this matter.19  
20 IN WITNESS WHEREOF, I have hereunto set my  
21 hand this 1st day of July, 2020.22  
23  
24 -----  
Cassandra M. Beiling, LCR# 371  
Notary Public State at Large  
25 My commission expires: 3/10/2024