

1 STATE OF TENNESSEE
2 DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT
3 BOARD OF BOILER RULES
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8 QUARTERLY MEETING OF THE
9 STATE OF TENNESSEE
10 BOARD OF BOILER RULES

11 Via Zoom Videoconference

12 December 9, 2020
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16 ORIGINAL
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23 CASSANDRA M. BEILING, LCR# 371
24 STONE & GEORGE COURT REPORTING
25 2020 Fieldstone Parkway
Suite 900 - PMB 234
Franklin, Tennessee 37069
615.221.1089

1 APPEARANCES:

2 Brian Morelock, Chairman
Owner-User Representative

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

6 Harold F. Bowers
7 Insurance Representative
Centerville, Tennessee

8 Jeffery Henry, Board Member
9 Boiler Manufacturer Representative
ATC-CES, Chattanooga, Tennessee

10 Dr. Keith Hargrove, Board Member (not present)

11 Sam Chapman, Chief Boiler Inspector

12 Chris O'Guin, Assistant Chief Boiler Inspector

13 Thomas Herrod
14 Assistant Commissioner, State of Tennessee

15 Daniel Bailey, Esq.
Legal Counsel, State of Tennessee

16 Carlene T. Bennett
17 Board Secretary, State of Tennessee

18 Jamie Presson
Executive Admin. Assistant, State of Tennessee

19 Michelle Irion
20 Boiler Admin. Staff Supervisor, State of Tennessee

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1 Guest Appearances:

2 ECS CONSULTING and BOISCO TRAINING GROUP
Marty Toth

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4 VALERO MEMPHIS REFINERY
Jeremy Gross, Inspection Manager
Louie Alsabeq, Operations Superintendent
5 Matt Creager, Staff Inspector

6 NALCO WATER an Ecolab company
Brian Lawrenz

7

8 GENERA
John Abner, Plant Manager

9 WILLIAMSON MEDICAL CENTER
Allan Gartung, Assistant Director of Plant
10 Operations

11 JOHNSON MATTHEY, INC.
Sherman Meade, Nickel Superintendent

12

13 Court Reporting Services and Zoom
Videoconferencing:

14 STONE & GEORGE COURT REPORTING
Nan George, Zoom moderator
15 Cassandra M. Beiling, LCR

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A G E N D A

- 1
- 2 I. Call Meeting to Order
- 3 II. Introductions and Announcements
- 4 III. Adoption of Agenda
- 5 IV. Approval of the September 16, 2020
6 meeting minutes
- 7 V. Chief Boiler Inspector's Report
- 8 VI. Variance Report
- 9 VII. Old Business
None
- 10 VIII. New Business
20-10 - Valero Memphis Refinery - Variance
11 20-11 - Valero Memphis Refinery - RBI
20-12 - Vonore Fiber Products, division
12 of Genera, Inc.
20-13 - Williamson Medical Center
13 20-14 - Johnson Matthey, Inc.
- 14 IX. Rule Case & Interpretations
None
- 15 X. Open Discussion Items
16 None
- 17 XI. Announcement of Next Meeting
Unless the board decides otherwise, the next
18 regularly scheduled meeting of the Board of
Boiler Rules will be held 9:00 a.m. on
19 December 16, 2020, via Zoom.
- 20 XII. Adjournment
- 21
- 22
- 23
- 24 ** Reporter's Note: All names are spelled
phonetically unless otherwise provided to the
25 Reporter by the parties.

1 * * * * *

2 CHAIRMAN MORELOCK: Good morning,
3 everybody. I have 10:00 a.m. Eastern time, and
4 I've got 9:00 a.m. Central time, so to be
5 efficient with your time and start the meeting on
6 time, I am going to -- before I call the meeting
7 to order, I'm going to let Nan George give us some
8 information on how we're going to conduct this
9 Zoom meeting. And then after that, I'll call the
10 meeting to order.

11 MS. GEORGE: Good morning,
12 everybody. I'm Nan George with Stone & George
13 Court Reporting, and I'm the Zoom host for today.
14 The court reporter is Cassandra Beiling, and she's
15 also with Stone & George.

16 Our job is to ensure that a verbatim
17 transcript of these proceedings is produced. So
18 because of the number of attendees today, we'll
19 mute everyone until you're called on to speak, and
20 then you can unmute yourself. If you haven't done
21 so, please go to the chat box, which you'll find
22 at the bottom of your screen, and enter your name
23 and the company you represent. And then, of
24 course, when you're called on to speak, just
25 unmute yourself.

1 Mr. Abner, J. Abner, if you could
2 change your name on your screen. You go up to the
3 three little dots, and it will allow you to do
4 that. We'll need your full name, please.

5 And then Valero Memphis Inspection,
6 same for you guys. If you would put the three of
7 your names just in the chat box for us, please.
8 And then I'm sure Mr. Chairman will ask you to
9 state your name before you speak.

10 Thank you very much, Mr. Chairman.

11 CHAIRMAN MORELOCK: Thank you.

12 THE REPORTER: I have one request.

13 CHAIRMAN MORELOCK: Yes, Cassandra?

14 THE REPORTER: When we do the
15 voting, whoever makes the motion and the second,
16 if you don't mind, Chairman, to just affirm who
17 made the motion and the second.

18 CHAIRMAN MORELOCK: Okay. That's a
19 good request. Keep me honest on that, too, as
20 well as conflict of interest.

21 So I'm going to call this meeting to
22 order. I want to thank you-all for taking the
23 time to participate in this Zoom meeting. I hope
24 everyone has an agenda before you so we can use
25 that today.

1 We do have a quorum. Out of the five
2 board members, we have three here today, and so we
3 do have a quorum, so I'm calling the meeting to
4 order.

5 The next item is introductions and
6 announcements. Before we go around the room and
7 everyone introduce yourself, we have lost a board
8 member since our last meeting, Mr. Terry Fox. And
9 I would like to give anyone an opportunity to
10 speak some words about Terry. I'll give you that
11 time, and then after that time, we would observe a
12 short moment of silence. So does anybody have
13 anything to say on behalf of Mr. Fox?

14 MR. BAUGHMAN: Dave Baughman, board
15 member, Allied Boiler & Supply.

16 Terry and I started working together,
17 albeit through different companies, back around in
18 '82. And being that my dad worked with his dad,
19 and Terry and I got to know each other, got to
20 know each other on a personal level beyond the
21 business relationship. So just a unique
22 individual in life, one of those human beings that
23 touches your life. And I'm just better for having
24 known him. I think the Board was blessed to have
25 his expertise along with the fellowship that he

1 gave. But just to know that he'll not be
2 forgotten, and we have good memories of him.

3 But thanks for the time of
4 remembrance with him today.

5 CHAIRMAN MORELOCK: Thank you,
6 Mr. Baughman.

7 MR. BOWERS: I would also like to
8 say something. This is Harold Bowers, board
9 member.

10 As an inspector, I've dealt with
11 Terry quite a bit over the years. It was always a
12 pleasure working with him. I learned a lot from
13 him as an inspector. But he was somebody I always
14 looked forward to meeting at the job, and he was
15 just always somebody that was full of knowledge,
16 very smart, very friendly, just a heck of a good
17 guy. And he's going to be sorely missed.

18 CHAIRMAN MORELOCK: That you,
19 Mr. Bowers.

20 Anybody else?

21 (No verbal response.)

22 CHAIRMAN MORELOCK: I would just
23 like to say I met Terry through the Tennessee
24 Board. I echo what's been spoken of Terry. He's
25 very knowledgeable. I certainly enjoyed getting

1 to know him and his expertise on the board and the
2 friendship that we had for a relatively short
3 period of time. But our thoughts and prayers go
4 out to the family. And if you wouldn't mind, I
5 would just like to take a moment of silence on
6 behalf of Mr. Terry Fox.

7 (Moment of silence observed.)

8 CHAIRMAN MORELOCK: Thank you for
9 that moment of silence.

10 So now we'll continue with
11 introductions and announcements. And so we will
12 start -- I'm trying to think of the best way to do
13 this. I'll just start with the top of the
14 participant list that I have.

15 My name is Brian Morelock. I
16 represent unfired boiler and pressure vessel
17 users, and I work for Eastman Chemical Company.

18 And, Nan, do you want to introduce
19 yourself again?

20 MS. GEORGE: Yes. I'm Nan George
21 with Stone & George Court Reporting.

22 CHAIRMAN MORELOCK: Thank you.

23 MS. GEORGE: You're welcome.

24 CHAIRMAN MORELOCK: Chief Inspector
25 Chapman?

1 MR. CHAPMAN: Sam Chapman,
2 Tennessee Chief Boiler Inspector.

3 CHAIRMAN MORELOCK: The folks from
4 Valero, would you introduce yourselves?

5 MR. GROSS: Yes. Good morning.
6 This is Jeremy Gross. I'm the inspection manager
7 here at the refinery.

8 MR. ALSABEQ: Good morning. This
9 is Louie Alsabeq. I'm the operations
10 superintendent over the boilers.

11 MR. CREAGER: Matt Creager. I'm a
12 staff inspector here at the plant.

13 CHAIRMAN MORELOCK: Thank you for
14 that.

15 MR. LAWRENZ: Brian Lawrenz. I'm
16 with Nalco. I'm a contractor here, and I help
17 manage the chemical treatment for the boilers.

18 CHAIRMAN MORELOCK: Thank you.
19 Thank you for that introduction. Those Valero
20 guys have got you hid. You need to work on that.

21 Next is Carlene.

22 MS. BENNETT: Carlene Bennett,
23 board secretary. I'm sorry. I'm getting an
24 echo.

25 CHAIRMAN MORELOCK: Okay. Thank

1 you for that introduction.

2 Cassandra?

3 THE REPORTER: Cassandra Beiling,
4 Stone & George Court Reporting.

5 CHAIRMAN MORELOCK: Assistant Chief
6 Chris O'Guin?

7 (No verbal response.)

8 CHAIRMAN MORELOCK: I don't know if
9 Chris is on mute or...

10 MR. O'GUIN: Can you hear me?

11 CHAIRMAN MORELOCK: Yes.

12 MR. O'GUIN: Chris O'Guin,
13 assistant chief boiler inspector.

14 CHAIRMAN MORELOCK: Thank you, sir.

15 Mr. Bailey?

16 (No verbal response.)

17 CHAIRMAN MORELOCK: I don't know if
18 Mr. Bailey -- are you on mute? Yeah, you're on
19 mute.

20 MR. BAILEY: Dan Bailey, legal
21 counsel. Can you hear me?

22 CHAIRMAN MORELOCK: I still can't
23 hear you. It's really low volume.

24 MR. BAILEY: Can you hear me any
25 better?

1 CHAIRMAN MORELOCK: Just barely.

2 MR. BAILEY: I don't know what to
3 tell you. I'm turned up all the way.

4 CHAIRMAN MORELOCK: I'll come back
5 to Mr. Bailey while he works on his volume here a
6 little bit.

7 Mr. Herrod?

8 MR. HERROD: Tom Herrod, assistant
9 commissioner for WRC.

10 CHAIRMAN MORELOCK: Thank you, sir.
11 I left Mr. Herrod out the last time, so I'm not
12 going to make that mistake again.

13 Mr. Bowers?

14 MR. BOWERS: Yes. Harold Bowers,
15 board member with FM Global Insurance Company. I
16 represent the insurance interest on the board.

17 CHAIRMAN MORELOCK: Thank you, sir.
18 Jamie?

19 MS. PRESSON: Jamie Presson,
20 executive admin assistant, WRC.

21 CHAIRMAN MORELOCK: Thank you.

22 John Abner?

23 MR. ABNER: John Abner, plant
24 engineer of Genera.

25 CHAIRMAN MORELOCK: Thank you, sir.

1 Jeff Henry?

2 MR. HENRY: Yes. Jeff Henry, board
3 member, ATC in Chattanooga.

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

6 MR. TOTH: Marty Toth,
7 ECS Consulting and the Boisco Training Group.

8 CHAIRMAN MORELOCK: Thank you, sir.
9 Michelle Irion?

10 MS. IRION: Good morning. My name
11 is Michelle Irion. I am with the State of
12 Tennessee. I am the new boiler admin staff
13 supervisor. So I look forward to working with you
14 guys.

15 CHAIRMAN MORELOCK: Thank you,
16 Michelle. I apologize for mispronouncing your
17 last name.

18 Let's see. I've got Sherman. Who is
19 Sherman?

20 MR. MEADE: I'm Sherman Meade. I'm
21 the nickel superintendent for Johnson Matthey,
22 Incorporated. We're based in Sevierville.

23 CHAIRMAN MORELOCK: All right. If
24 you wouldn't mind to put your full name in. Nan
25 explained how you can do that, either in the chat

1 box or the three little dots and change the name
2 on your picture so we've got a good accurate
3 record of your attendance.

4 I hope I've not left anybody out, and
5 if I have, go ahead and -- oh, there we go.
6 Sherman Meade. Thank you for that.

7 Have I left anybody out?

8 (No verbal response.)

9 CHAIRMAN MORELOCK: All right.
10 That's great. I have to apologize if I've left
11 anybody out. Very good.

12 Okay. So that will take care of
13 introductions. Are there any announcements?

14 (No verbal response.)

15 CHAIRMAN MORELOCK: All right. I'm
16 not hearing any announcements. Normally, we would
17 have a safety -- if we were meeting together,
18 about safety inside and outside the building. But
19 I guess the safety item for today is we need to be
20 aware of all the layers of protection with
21 COVID-19 still very rampant in our state. Earlier
22 last week, we were Number 7 in the nation. I
23 think we're Number 11 as of last night. There's a
24 lot of COVID-19 cases in our state right now, and
25 I appreciate all the efforts our governor and our

1 leaders are doing to keep people safe by wearing
2 masks, social distancing. And we need to continue
3 to do that to get the numbers back down,
4 especially during the holidays. And so that's my
5 short safety item for the meeting.

6 That takes us to Item Number 3, which
7 is adoption of the agenda. I hope everyone has
8 access to an agenda. And so do I have a motion --
9 well, before I do that, are there any corrections
10 or additions to the agenda?

11 (No verbal response.)

12 CHAIRMAN MORELOCK: All right.
13 Hearing none, do I have a motion to accept the
14 agenda?

15 MS. BENNETT: Brian?

16 CHAIRMAN MORELOCK: Yes?

17 MS. BENNETT: Number 4 will be
18 deferred until the next meeting.

19 CHAIRMAN MORELOCK: Number 4. Oh,
20 approval of the minutes?

21 MS. BENNETT: Yes. They are not
22 available right now, and so we've moved it to next
23 week's meeting, on the 16th.

24 CHAIRMAN MORELOCK: Okay. December
25 the 16th?

1 MS. BENNETT: Yes, sir.

2 CHAIRMAN MORELOCK: We'll do that.

3 Okay. Duly noted, that the approval of the
4 September 16 minutes will be presented at the
5 December 16th meeting next week.

6 MS. BENNETT: Yes, sir.

7 CHAIRMAN MORELOCK: Okay. Thank
8 you for that. Any other additions or changes to
9 the agenda?

10 (No verbal response.)

11 CHAIRMAN MORELOCK: Okay. Do I
12 have a motion to adopt the amended agenda?

13 MR. HENRY: So moved.

14 CHAIRMAN MORELOCK: All right.
15 Mr. Jeff Henry makes that motion. Do I have a
16 second?

17 MR. BOWERS: I second. Harold
18 Bowers.

19 CHAIRMAN MORELOCK: And I have a
20 second from Mr. Bowers. Any other discussion?

21 (No verbal response.)

22 CHAIRMAN MORELOCK: All in favor --
23 well, with the Zoom meeting, we've got to do a
24 roll call.

25 So Mr. Baughman, how do you vote?

1 MR. BAUGHMAN: Aye.

2 CHAIRMAN MORELOCK: Mr. Bowers?

3 MR. BOWERS: Aye.

4 CHAIRMAN MORELOCK: Mr. Henry?

5 MR. HENRY: Aye.

6 CHAIRMAN MORELOCK: And I will vote
7 aye as well. So we have an approved agenda.

8 That takes us to Item 5, the chief
9 boiler inspector's report, and I will turn that
10 over to our chief, Sam Chapman.

11 MR. CHAPMAN: Thank you. We're
12 going to be putting a PowerPoint up that we're
13 going to share with the screen, so give us a
14 second.

15 State 10,976 insurance companies
16 performed 19,107, giving us a total of 30,083
17 inspections performed during this time. Okay. We
18 have, high pressure, we have on the delinquent, is
19 199 on the delinquent list. But we are continuing
20 working on trying to get those down.

21 We have hired a new inspector for the
22 East Tennessee area, which is Keith Engle. And it
23 should help bring the delinquent level down even
24 more.

25 Okay. And I'm going to turn the

1 delinquent over to Chris O'Guin, the assistant
2 chief.

3 CHAIRMAN MORELOCK: All right.
4 Before Assistant Chief Chris gives us the variance
5 report, Mr. Engle -- the new inspector for the
6 State of Tennessee is Keith Engle, E-N-G-L-E.

7 All right. Assistant, Chief O'Guin,
8 I'll give you the floor to make your report.

9 MR. O'GUIN: Thank you -- that's
10 not why we're not reporting the fourth quarter.

11 MR. HERROD: We didn't hear the
12 introduction. We didn't hear your first part.

13 MR. CHAPMAN: No. You were
14 breaking up a little bit.

15 MR. HERROD: We didn't hear your
16 first few sentences.

17 MR. O'GUIN: Okay. Can you hear
18 me, Brian?

19 CHAIRMAN MORELOCK: Yes.

20 MR. O'GUIN: The delinquency rate
21 for March 2020 was 1.4 percent, June 2020 was
22 4 percent, and September 2020 is 1.8. You can see
23 the increase from March to June due to COVID. We
24 are starting to fall back off.

25 MR. BOWERS: Chris, this is Harold

1 Bowers, board member. I have one question. What
2 do you consider delinquent? Is it 60 days or
3 90 days to fall in that delinquency rate?

4 MR. O'GUIN: Variances for third
5 quarter 2020, we had active 80, approved 27. That
6 27 is how many inspections we've got sitting in
7 queue awaiting inspection. Inspections performed
8 was two for the third quarter. The fourth quarter
9 was 72 active. Approved, setting in queue
10 awaiting inspection was 21. Inspections performed
11 was 13; 11 of those passed and 2 failed.

12 CHAIRMAN MORELOCK: Thank you,
13 Mr. O'Guin.

14 Mr. Bowers had a question.

15 MR. BOWERS: Chris, if you can hear
16 me, on the delinquencies, what's considered
17 delinquent? Is it 60 days or 90 days?

18 MR. O'GUIN: Ninety days,
19 Mr. Bowers.

20 MR. BOWERS: Ninety days. Okay.
21 Thank you.

22 CHAIRMAN MORELOCK: So, Mr. O'Guin,
23 that accounts for the due date plus a two-month
24 grace period, correct?

25 MR. O'GUIN: Yes, sir. Once it

1 hits 90 days, it will go into delinquent status.

2 CHAIRMAN MORELOCK: Okay. Thank
3 you for that information.

4 MR. BAUGHMAN: Mr. O'Guin, this is
5 Dave Baughman, board member. On the third
6 quarter, the two inspections that were performed,
7 did they both pass?

8 MR. O'GUIN: Yes, sir.

9 MR. BAUGHMAN: Very good. Thank
10 you.

11 CHAIRMAN MORELOCK: Any other
12 questions for Assistant Chief O'Guin?

13 (No verbal response.)

14 CHAIRMAN MORELOCK: All right.
15 Hearing none -- thank you for that report,
16 Mr. O'Guin. And that's going to take us to Item 7
17 on our agenda, which is old business. Which we
18 have no old business, so that will take us to Item
19 Number 8, which is new business. And our first
20 item is Item 20-10. Valero Memphis Refinery is
21 requesting a renewal of their boiler inspection
22 internal frequency variance for two years.

23 And so, gentlemen, if you'll
24 introduce yourself again and present your item.
25 And before you do that, are there any conflicts

1 with the board members on Item 20-10?

2 (No verbal response.)

3 CHAIRMAN MORELOCK: Okay. Hearing
4 none, gentlemen, you can present your item.

5 MR. GROSS: Good morning. Jeremy
6 Gross, inspection manager. We'll go back around
7 the room again.

8 MR. ALSABEQ: Good morning. Louie
9 Alsabeq, operations superintendent over the
10 boilers.

11 MR. CREAGER: Matt Creager, staff
12 inspector.

13 MR. LAWRENZ: Brian Lawrenz with
14 Nalco. I handle the water treatment chemistry for
15 the boiler system.

16 MR. GROSS: Good morning, Board and
17 guests. Today we are here, as Brian mentioned, to
18 present our renewal request. We've sent in our
19 variance procedure to the Boiler Board for review.
20 We had editorial changes that were documented in
21 our appendices. That was the only changes we had
22 for this procedure for this review.

23 So are there any questions from the
24 Board on what we had submitted?

25 CHAIRMAN MORELOCK: So what we're

1 looking at is Appendix U in this manual, and it
2 shows the changes from the previous approved
3 manual. And gentlemen, you correct me, but it
4 appears to me that most of these edits are,
5 basically, editorial; is that correct?

6 MR. GROSS: Yes, sir, that is
7 correct.

8 CHAIRMAN MORELOCK: Okay. Thank
9 you.

10 What questions do the board members
11 have?

12 MR. BOWERS: This is Harold Bowers,
13 board member.

14 Why is -- maybe I missed it. If
15 there are only editorial changes, why are they
16 coming back before the Board?

17 CHAIRMAN MORELOCK: Well, that's an
18 excellent question. And the reason being that we
19 asked them to come back to the Board is it gives
20 the board members an opportunity to review the
21 repairs and any inspections that have been done
22 since the last approved variance.

23 MR. BOWERS: Okay.

24 CHAIRMAN MORELOCK: Any other
25 questions or comments for Valero?

1 MR. BAUGHMAN: This is Dave
2 Baughman, board member.

3 Just looking over the repairs, in
4 particular, the tubes were replaced at three
5 different times on the Rentech boiler, and I was
6 just interested to know what those failure
7 mechanisms were. I noticed that there weren't
8 any -- that there wasn't any downtime other than
9 what was scheduled downtime in the report. So I
10 was just interested to know, were these tubes
11 identified during a scheduled shutdown or what the
12 time of those failures were, and what the
13 mechanisms were that caused those failures on the
14 Rentech. I noticed that the National Dynamics
15 boiler didn't have any tube replacements. It had
16 some work that had been done, some R-stamp work,
17 but the Rentech has got heavier tubes of 0.120,
18 and the other boiler is 0.095 and 0.105, but yet
19 the heavier-tube boiler is the one that has tube
20 failure. So I was just interested in that, from
21 an operational standpoint.

22 MR. GROSS: Sure, Dave.

23 Jeremy Gross, inspection manager.

24 On our Rentech boiler that you're
25 asking about, first, there's a manway on that

1 wall, that water wall tube section, and the design
2 issue is there's stagnant flow in the crossover of
3 that section of tubing, so we get deposits that
4 fill up right there and that will cauterize that
5 tube, that failure.

6 The last time we fixed this, we have
7 also reached out to Rentech for a design change at
8 that location, basically modifying those tubes
9 that take out this small header that goes above
10 that manway to get into the firebox. And that
11 way, we don't have a dead zone. And it drops down
12 into another small header, back into the tube.

13 So that's been a design issue for us,
14 and as you mentioned for scheduled outages, we've
15 had to replace those. We're hoping, in the next
16 outage, that we've got our design change completed
17 so that we can make those necessary changes to
18 increase the reliability of that section of the
19 boiler.

20 We also have a catalyst migration
21 into our boiler feed water system off of one of
22 our other process units during a starved event in
23 '19, which also kind of helped contribute to some
24 fouling deposits, particularly in the dead zone of
25 that boiler. So we're hoping to get rid of this

1 design issue with Rentech on the next boiler
2 outage.

3 On Number 10 boiler, you mentioned,
4 the Wabash, that's been a pretty fairly reliable
5 boiler for us. The code repairs you'd mentioned
6 were skin repairs to the steam drum up top. It
7 was noted in the jurisdictional as well as our own
8 internal/external inspection program that that
9 skin had cracked. There was poor welding from
10 initial fabrication. So that was one of the
11 repairs that was completed on that boiler.

12 The tubes on that, as you'd talked
13 about, have been in pretty good shape. I can let
14 Brian also talk more on the water treatment side
15 as far as what he's seeing.

16 Introduce yourself.

17 MR. LAWRENZ: Brian Lawrenz with
18 Nalco.

19 Again, with the Boiler 10, that one,
20 we haven't seen any -- so the blowdown there is
21 automated, and, again, we don't have the design
22 dead zone that we do see on the Rentech boiler.
23 But the boiler feed and water quality is
24 consistent with both boilers.

25 MR. BAUGHMAN: I noted in the

1 pictures that the one steam drum was shown, prior
2 to cleaning, with some scale up in it. It didn't
3 look like it was horrible, but it definitely was
4 different than the other boiler. But that's why I
5 was asking about the tube failures, to kind of
6 find out whether it was design-oriented or if it
7 was water-oriented itself, so that explains it.

8 When you go through that Rentech and
9 make that modification, is that going to be
10 considered an alteration?

11 MR. GROSS: Yes, sir, it will.
12 We'll follow the proper code paperwork to do that.

13 MR. BAUGHMAN: Okay. Very good.
14 The only other thing that I was interested in, in
15 looking through the whole manual -- and we had an
16 addition to the code this year that was
17 implemented in regards to carbon monoxide alarms,
18 their testing and/or calibration. And I didn't
19 know if that was something that you're going to be
20 implementing or on top of or make this a part of.

21 MR. GROSS: Yes. Brian -- excuse
22 me. This is Jeremy Gross, inspection manager.

23 I wasn't aware of that change either,
24 but what we'll do is get with our folks here with
25 the reliability group and then we will go through

1 what that looks like from calibration, when we
2 need additional caps, what will that require us to
3 do with capital dollars, or do we have some caps
4 that we can utilize currently, and see if we can
5 put that into place.

6 MR. BAUGHMAN: I believe, if I'm
7 not mistaken, Jeremy, it's within the boiler room,
8 itself, and not so much monitoring what's coming
9 off of the boiler, but in the boiler room itself
10 is where our code requirement stands presently for
11 the State of Tennessee. And that may be subject
12 to change, of course, moving forward. But I would
13 just check with the jurisdiction and see what the
14 actual requirement is for implementation.

15 MR. GROSS: Okay. Yes.

16 Jeremy Gross.

17 Both of our boilers are outside.
18 They're not inside a boiler house.

19 MR. BAUGHMAN: Okay.

20 MR. GROSS: So would that still
21 apply to us if they're atmospheric? There's no
22 boiler shed; there's no roof; there's no rooms for
23 these.

24 MR. BAUGHMAN: I don't believe it
25 would, Jeremy.

1 MR. GROSS: Okay.

2 MR. BAUGHMAN: But that's my
3 knee-jerk answer to it. But being that it's
4 outdoors, I would not believe that it follows
5 under the jurisdiction of being in a boiler room.

6 MR. GROSS: Okay. Sounds good.

7 Thank you.

8 MR. BAUGHMAN: Thank you, Jeremy.

9 CHAIRMAN MORELOCK: Other questions
10 or comments from the Board?

11 (No verbal response.)

12 CHAIRMAN MORELOCK: Okay. Hearing
13 none, do I have a motion from the Board to approve
14 the renewal request from Valero?

15 MR. BAUGHMAN: Dave Baughman, board
16 member.

17 I motion that we approve.

18 CHAIRMAN MORELOCK: Okay. Do I
19 have a second?

20 MR. BOWERS: Harold Bowers.

21 I second.

22 CHAIRMAN MORELOCK: Okay. I have a
23 second. Any additional comments or discussion?

24 (No verbal response.)

25 CHAIRMAN MORELOCK: Hearing none,

1 we will vote by roll call. So Mr. Baughman?

2 MR. BAUGHMAN: Aye.

3 CHAIRMAN MORELOCK: Mr. Bowers?

4 MR. BOWERS: Aye.

5 CHAIRMAN MORELOCK: Mr. Henry?

6 MR. HENRY: Aye.

7 CHAIRMAN MORELOCK: Gentlemen, you
8 have an approved renewal of your variance.

9 MR. GROSS: Thank you very much.

10 MR. BAUGHMAN: This is Dave
11 Baughman, board member.

12 I just wanted to comment, Jeremy, and
13 Louie and Matt and Brian. This is a very good
14 manual, and it's very well documented and laid
15 out. And I just wanted to make note of that, and
16 we appreciate how you present that renewal for our
17 review. It makes it a bit easier to go through.
18 So I just wanted to say thank you.

19 CHAIRMAN MORELOCK: And to
20 Mr. Baughman's point, since this manual had no
21 technical changes, we're certainly renewing the
22 variance, but this would not drive a site visit,
23 since there's no technical change, so we'll let
24 the Boiler Unit do their typical inspections and
25 meet with you, and we'll move forward. So thank

1 you, gentlemen.

2 MR. BAUGHMAN: Dave Baughman, board
3 member.

4 One comment to that is when is that
5 alteration scheduled to be done? Because that
6 will make somewhat of a change -- I don't know how
7 it approaches, but it's an alteration to the
8 boiler.

9 I don't think it affects our renewal
10 by any stretch, but it's more than editorial. But
11 how will that -- does that get affected at all,
12 or -- I just wanted to make mention of it.

13 CHAIRMAN MORELOCK: Well, I mean,
14 the alteration process will -- it will have to be
15 inspected. An R2 will be filled out. There will
16 be an inspection of that and a sign-off by the
17 R-stamp holder as well as Valero and their
18 associated inspectors.

19 MR. BAUGHMAN: Very good. So makes
20 no -- it's kind of a moot point as far as anything
21 is concerned, then, isn't it?

22 CHAIRMAN MORELOCK: Well, I mean,
23 Jeremy and them would have to update us as to
24 corrosion mechanism changes or corrosion rate or
25 anything like that in his program.

1 MR. BAUGHMAN: Okay. Very good.

2 Thank you, Mr. Morelock.

3 CHAIRMAN MORELOCK: Thank you.

4 Okay. That takes us to Item 20-11.

5 And this is also a Valero item. And they are

6 going to present their annual risk-based

7 inspection program update.

8 Gentlemen, you can reintroduce

9 yourself or not, but -- we've got your names, but

10 from a formality, if you will do that, an

11 introduction. And while you're getting ready to

12 do that, are there any Board conflicts for

13 Item 20-11?

14 (No verbal response.)

15 CHAIRMAN MORELOCK: And I see no

16 conflicts of interest, so present your item,

17 gentlemen.

18 MR. CREAGER: Good morning. I'm

19 Matt Creager. I'm one of the staff inspectors

20 here at the plant. I'm still here with Jeremy

21 Gross, the inspection manager. Our two boiler

22 specialty individuals left us, so it's just the

23 two of us.

24 I'm going to review the 2020

25 risk-based inspection program status with you-all

1 this morning. Feel free to stop me if you have
2 questions, or we can circle back to anything at
3 the end. I'm just going to kind of go through
4 this verbatim, so I'll start with the summary.
5 The risk-based inspection program continues to be
6 active at Valero Memphis Refinery. The refinery
7 continues to maintain scheduled damage
8 mechanism-specific inspections planned and
9 executed on stream during routine maintenance or
10 major maintenance outages.

11 The key activities related to the RBI
12 program in 2020 are as follows: The refinery
13 executed maintenance outages in several process
14 units. There were damage mechanism-specific
15 inspection activities and preventative maintenance
16 work scopes conducted in five process units. All
17 work scope was assessed using risk-based work
18 selection processes.

19 Maintenance and inspection activities
20 executed during 2020 are listed in Table A on the
21 next page. The site is also presenting a renewal
22 request for the 2017 approved boiler operating
23 inspection and maintenance program procedure
24 variance, allowing the 24-month internal
25 inspection frequency. The site underwent a

1 corporate process safety management audit in the
2 third quarter. This evaluation is completed on a
3 three-year interval. The survey team consists of
4 the Valero corporate risk and Accutech personnel.
5 There were no mechanical integrity program
6 findings identified to put into a gap closure
7 program.

8 Planning efforts are ongoing for
9 scheduled 2021 and 2022 maintenance outages. We
10 are scheduled to remove one process unit from
11 service in 2021 and six process units from service
12 in 2022 for planning major maintenance and
13 inspection activities. The site is also preparing
14 for TOSHA VPP Star Program revalidation that began
15 this week on December 7th.

16 On this next page, we have the
17 Table A that was mentioned, the details, the
18 numbers of our various inspections that were
19 performed in 2020 and the numbers that are planned
20 for 2021.

21 Our evergreen activities for the RBI
22 program include reviewing the assigned damage
23 mechanisms and executing proper inspection
24 techniques, recording inspection results and
25 grading them per their respective effectiveness

1 tables, scheduling the next inspection per RBI
2 methodology.

3 Nonintrusive inspection techniques
4 are executed and captured during external
5 inspections. Routine corrosion monitoring and
6 specialty nondestructive testing is performed when
7 required. Revalidation of fluid properties and
8 operating conditions are ongoing and completed on
9 a five-year interval. Jurisdictional inspection
10 activities on registered equipment are maintained
11 with zero current delinquencies. Process
12 equipment is circuitized and it's ranked in our
13 RBI program. Our data management software
14 integrates design data, visual inspection history,
15 thickness monitoring data, assigned damage
16 mechanism inspection results and inspection
17 scheduling that is integrated within the RBI
18 module.

19 The following chart is our risk data
20 and distribution. We've got our current status of
21 all the equipment here at the plant. A look back
22 at the 2019 report with the numbers at all these
23 risk levels, and our change from 2019 to 2020.

24 Our key inspection results from 2020,
25 overall, 235 internal, 324 external, and

1 13 corrosion-under-insulation inspections were
2 performed in accordance with the RBI program.
3 Jurisdictional inspections are scheduled and
4 current but are handled separately from the RBI
5 program.

6 We executed insulation and
7 fire-proofing repairs based on CUI and external
8 visual inspection recommendations.

9 Summary of the equipment and circuits
10 in the RBI program is in the following chart and
11 broken down by each of our process units.

12 And that is the end of this report.

13 CHAIRMAN MORELOCK: Thank you.

14 Any questions or comments about the
15 RBI report?

16 MR. HENRY: This is Jeff Henry,
17 board member.

18 Just out of curiosity, any of your
19 inspection findings cause you to modify your
20 program in any way?

21 MR. CREAGER: No, sir, not since we
22 modified the program. We have done some RBI
23 revalidation internally and with some external
24 engineering firms. And there's been a few
25 modifications on some process changes and include

1 property updates in our system that may have
2 removed or added a number of damaged mechanisms to
3 specific pressure vessels.

4 MR. HENRY: Okay. Well, thank you.
5 That's helpful. And following on from that, I
6 mean, did you -- you found damaged mechanisms that
7 you weren't anticipating? Is that my
8 understanding?

9 MR. CREAGER: Not necessarily. In
10 most instances, somebody's findings would push us
11 to add additional damage mechanisms to equipment
12 to push us to do further inspection and testing,
13 whether it be nonintrusive inspections for various
14 types of cracking or to plan them for future
15 outages.

16 MR. HENRY: Okay. Thank you.

17 MR. GROSS: And, Jeff, from our
18 inspections that we did complete in the amount of
19 units you just heard Matt speak of, we did not
20 have a huge discovery of repairs on any those
21 items.

22 MR. HENRY: Okay.

23 MR. GROSS: Our damaged-
24 mechanism-specific driven inspections did help us,
25 you know, basically scope out any damage ahead of

1 our outage without having any major discovery
2 repairs.

3 MR. HENRY: Okay. Thank you. So,
4 I mean, in your opinion, overall, the program is
5 working well.

6 MR. GROSS: Yes, sir.

7 MR. HENRY: All right. Thank you.

8 MR. GROSS: Yes, sir.

9 CHAIRMAN MORELOCK: Any other
10 comments or questions from the Board or any
11 visitors?

12 (No verbal response.)

13 CHAIRMAN MORELOCK: Okay. Hearing
14 none, do I have a motion to approve this report
15 and renew the RBI for Valero?

16 MR. HENRY: Jeff Henry.

17 So moved.

18 CHAIRMAN MORELOCK: Okay. So I've
19 got a motion by Mr. Henry. Do I have a second?

20 MR. BOWERS: A second from Harold
21 Bowers.

22 CHAIRMAN MORELOCK: Thank you,
23 Mr. Bowers. So we have a second. Last call for
24 questions or comments.

25 (No verbal response.)

1 CHAIRMAN MORELOCK: Hearing none,
2 I'm going to do a roll-call vote.

3 Mr. Baughman?

4 MR. BAUGHMAN: Aye.

5 CHAIRMAN MORELOCK: Mr. Bowers?

6 MR. BOWERS: Aye.

7 CHAIRMAN MORELOCK: Mr. Henry?

8 MR. HENRY: Aye.

9 CHAIRMAN MORELOCK: Gentlemen, you
10 have an approved RBI program update.

11 MR. GROSS: Thank you guys very
12 much. Wish everybody a safe and excellent
13 Christmas holiday. We will be signing off.

14 CHAIRMAN MORELOCK: Thank you.
15 You-all have a merry Christmas and a happy New
16 Year, too.

17 MR. GROSS: Thank you.

18 CHAIRMAN MORELOCK: Thank you.

19 Okay. That takes us to Item 20-12,
20 Vonore Fiber Products. And they are requesting a
21 variance for one high-pressure boiler. And so if
22 representatives from Vonore and Mr. Toth will
23 introduce yourselves and present your variance
24 request.

25 MR. TOTH: Thank you, Mr. Chairman.

1 Before we started, I just wanted to make sure that
2 I wasn't outdone by my friend, Mr. Bowers, on his
3 decorations. I just wanted to show you what my
4 beloved wife thought that I should have in my
5 office, which if you're not familiar is a "Grump"
6 tree. Which I don't know what she's trying to
7 tell me, but anyway...

8 Good morning. I am Marty Toth with
9 ECS Consulting. I'm here representing Vonore
10 Fiber Products. It's my pleasure to have on the
11 call with us Mr. John Abner, who introduced
12 himself earlier. Mr. Abner is the plant engineer
13 who is responsible for the implementation and
14 maintenance of the variance program that we are
15 presenting today.

16 Vonore Fiber Products -- as I like to
17 call them, VFP for short -- is located at
18 167 Tellico Port Road in Vonore, Tennessee. The
19 actual location of the power plant itself is
20 located on 200 Industrial Drive. That's the
21 easiest access to that location. And that's where
22 the production facility is at.

23 Just a little bit of background, as you
24 saw in the manual, Vonore is -- uses an integrated
25 non-wood fiber product. It's a company that

1 produces molded fiber food service and packaging
2 products. It's really neat, being non-wood,
3 renewable resources, and it was pretty neat to
4 learn more about their products.

5 Again, VFP operates 24/7 on 12-hour
6 shifts. The individuals that will serve the role
7 as the remote attendant are the pole technician
8 and, also, the evaporator technician. They work
9 within the control room that is manned 24/7.
10 There's always somebody in that control room,
11 obviously, for monitoring of the pole operation
12 and, also, the evaporator operation within the
13 plant.

14 Operator technicians that are out
15 amongst the plant itself, which is primarily a lot
16 of outdoor and indoor processes, will serve as the
17 boiler attendant and is responsible for taking all
18 of the readings and, you know, maintaining the
19 safe operation of the boiler itself.

20 The main communications that we have is
21 via radio between the remote attendant and the
22 boiler attendant. As mentioned, we do operate one
23 high-pressure boiler. It is a 1000-horsepower
24 Clever-Brooks firetube boiler. It's equipped with
25 the Hawk ICS integrated control system and, also,

1 has the Honeywell burner control and the
2 Cleaver-Brooks Level Master water control system.

3 Training for the attendants will be
4 handled per the Part 2, that are both in Section 3
5 and Section 4. We're in communication right now
6 between VFP and Boisco Training Group to provide
7 those services prior to the implementation of the
8 variance, if we're honored with tentative approval
9 by the Board, and will be performed prior to the
10 inspection by the Boiler Unit. Previously, this
11 location had a variance on this very equipment
12 utilizing the same remote panel; however, that was
13 from DuPont, which was the previous location or
14 company that occupied this location. And that
15 variance, of course, had become expired.

16 So Mr. Abner and I are open to any
17 questions any board members may have and welcome
18 them.

19 CHAIRMAN MORELOCK: Thank you,
20 Mr. Toth.

21 Are there any conflicts of interest
22 on this item from the Board?

23 (No verbal response.)

24 CHAIRMAN MORELOCK: Okay. Hearing
25 none, do I have a motion to discuss this item?

1 MR. BOWERS: This is Harold Bowers.

2 I make a motion to discuss.

3 CHAIRMAN MORELOCK: Thank you. Do
4 I have a second?

5 MR. BAUGHMAN: Second.

6 CHAIRMAN MORELOCK: I've got a
7 second from Mr. Baughman.

8 So, gentlemen, what comments or
9 questions do you have for Vonore and Mr. Toth
10 concerning this variance?

11 MR. BAUGHMAN: Dave Baughman, board
12 member.

13 I know that there were some emails
14 going back and forth updating the manual with some
15 revisions. I did not have the luxury of printing
16 those off, so I'm going through via my email to
17 look at those corrections. But I just wanted to
18 make comment on that, that the manual that we
19 actually have is not a complete manual, but we
20 have revisions that were emailed to us. Which
21 being that today is my first day back in and I did
22 not print those off, so my question is going to be
23 is -- will the Boiler Unit be printing off the
24 components that are to go back in this manual so
25 that we have a complete manual for our own

1 records? Because some of us, if not all of us,
2 keep these manuals in our files. So I wanted to
3 make sure that we address that because the actual
4 manual I have is not complete, and I didn't want
5 to hold us up taking the time to go back through
6 and actually review this on my email.

7 MR. TOTH: Well, Mr. Chairman and
8 Mr. Baughman, if you would like for me to, I would
9 be more than happy to pull up the editorial
10 corrections that were made. Again, the reasons
11 for that is either to make sure that we meet the
12 requirements of the 45 days to get the manuals in.
13 There were some things that were not available at
14 the time of submission. So I wanted to make sure
15 and get those in the hands of the board members
16 prior to the meeting so that we could expedite.
17 Obviously, those items would have been found
18 during this review, and there would have been a
19 simple tentative approval process to make sure.
20 And in the past, we presented those in person.
21 This is a different day and age, obviously. But
22 what I would be happy to do is, actually, if it
23 were possible for me to be able to share my
24 screen, I would be more than happy to pull up
25 those editorial pages and briefly review those.

1 Mostly, they were editorial or an oversight on my
2 part or something that we were able to get our
3 hands on days after the submission of the
4 documentation.

5 CHAIRMAN MORELOCK: I think that
6 would be very appropriate, Mr. Toth, if you could
7 talk us through that and share your screen so we
8 can see the changes to the manual.

9 MR. TOTH: Okay. And I believe I
10 have authorization to do so, I hope. The first
11 correction or the first item of note was the -- I
12 think everybody should be able to see -- was the
13 actual -- the site plan that was something that we
14 had to just solidify. Hopefully, everybody is
15 able to see this. I will zoom in. As you can
16 see, it is the legend.

17 CHAIRMAN MORELOCK: Yeah. If you
18 can move that over just a little bit more so we
19 can see it better, that would be great.

20 MR. TOTH: Okay. I'm curious what
21 you actually see, because what I see is it shows
22 the whole screen. Where do you need me to move it
23 to, Mr. Chairman, I guess, is the question?

24 CHAIRMAN MORELOCK: You're
25 pretty -- well, now you're on a gray page, so...

1 MR. TOTH: Okay. Okay. Well,
2 let's see --

3 CHAIRMAN MORELOCK: Yeah. Now if
4 you'll move it over to the right, we should be
5 able to see the whole thing.

6 MR. TOTH: Let me see if this -- is
7 that better or worse?

8 CHAIRMAN MORELOCK: It's worse.
9 You need to shrink it down so we can see -- you're
10 at 57.9 percent.

11 MR. TOTH: And I need to shrink it
12 down, is what you're saying?

13 CHAIRMAN MORELOCK: Yeah, so we can
14 see it. Now you're getting it.

15 MR. TOTH: Okay. Well, just tell
16 me when it looks --

17 CHAIRMAN MORELOCK: And now center
18 that page and we should be able to see the whole
19 figure 1 now.

20 MR. TOTH: Okay. Well, what I'm
21 seeing is -- the way that my screen shows up is
22 different, I guess. So let me do this. Let me
23 stop that. Let me pull it over here and see if
24 this helps. I do apologize.

25 MR. BAUGHMAN: This is Dave

1 Baughman, board member.

2 But also it makes it easier if it's
3 rotated 90 degrees.

4 MR. TOTH: I'll take care of that
5 once we get it on the screen where you can see it.

6 CHAIRMAN MORELOCK: Okay. That's
7 great. We can see the whole thing. It's just a
8 little small.

9 MR. TOTH: Okay. There we go.
10 That's where --

11 CHAIRMAN MORELOCK: There you go.
12 We have a winner.

13 MR. TOTH: I'm cooking with gas
14 now, I think. All right. So let's do this.
15 There we go. Okay. Is that better?

16 CHAIRMAN MORELOCK: Can everybody
17 see that now?

18 (No verbal response.)

19 MR. TOTH: All right. Gold star
20 for Marty.

21 Okay. So, simply enough, what we
22 have here is we show the location of the central
23 room again. This is the same location as it was
24 when it was under DuPont. Simply enough, going
25 out this rear access door, you'll run into the

1 boiler room. You have the location of the boiler,
2 the DA, and you have local e-stops indicated on
3 the diagram itself, so approximately 150 feet, at
4 the most. And if we're okay with that, I will
5 pull up the next.

6 MR. BAUGHMAN: Quick question on
7 that. This is Dave Baughman, board member. Thank
8 you very much, Mr. Toth, for putting that up
9 there.

10 In particular, you just mentioned the
11 door. We don't see door access on that particular
12 legend. I'm just curious as to where the door
13 locations are, how many doors we have.

14 MR. TOTH: Okay. Perfect. The
15 doors that we have are right next to where the
16 local e-stops are. You have a pedestrian door
17 here. You do have a roll-up door that's not
18 classified as for pedestrians at this location.
19 And then, coming out the back side of the control
20 room next to the panel is a pedestrian door.

21 MR. BAUGHMAN: Very good. Thank
22 you.

23 CHAIRMAN MORELOCK: What other
24 questions do the board members have?

25 (No verbal response.)

1 CHAIRMAN MORELOCK: Mr. Toth, on
2 page 4, it's in Section 2 where it shows your red
3 placard for emergency procedure, I know on some of
4 the other manuals, you had changed the word
5 "responses" to "respond."

6 MR. TOTH: Right. Right.

7 CHAIRMAN MORELOCK: And so you'll
8 need to do that on Item 3 of your emergency
9 procedure.

10 MR. TOTH: Okay.

11 CHAIRMAN MORELOCK: It's just an
12 editorial.

13 MR. TOTH: All right. On Number 3?

14 CHAIRMAN MORELOCK: Yes. Sentence
15 Number 3, Step Number 3. You've already corrected
16 it on some of the other manuals with the same
17 editorial change.

18 MR. TOTH: Do you see that on your
19 screen now?

20 CHAIRMAN MORELOCK: I see the site
21 plan on my screen now.

22 MR. TOTH: Are you there,
23 Mr. Chairman?

24 CHAIRMAN MORELOCK: I am.

25 MR. TOTH: I don't know what

1 happened just then. That wasn't fun.

2 But you should see a Word document,
3 if I share it properly. Let me know if you see
4 that okay. Are you seeing that document?

5 CHAIRMAN MORELOCK: Yeah. I'm
6 seeing almost all of it. It's still shift --

7 MR. TOTH: Right. I'm just going
8 to scroll -- I'm going to scroll to the section
9 just simply enough to satisfy Mr. Baughman's
10 question.

11 CHAIRMAN MORELOCK: Okay.

12 MR. TOTH: Namely, there was -- the
13 editorials, per se, were just simply some things
14 that were found during the pre-meeting review that
15 I do with all my clients just to make sure that we
16 are set and if there was anything that was missed.
17 Simply enough, these are just simple editorials.

18 If the board members would like, I
19 can send clean copies. What you received was
20 copies with notes or strikethroughs or additions
21 added to those. If you would like clean copies of
22 those, I would be more than happy to send those so
23 you can add them into your manual, or you can
24 print these out and put them into your manual.
25 It's really whatever the Board would like.

1 Again, there's a site plan that we
2 looked at. The other thing that we showed was
3 there was a correction with the -- (technical
4 difficulty) -- that's a simple correction.

5 And then the thing that we had to get
6 solidified -- (technical difficulty) --
7 technician, also the evaporator technician. As
8 you can see, their responsibilities are to be the
9 operating technician, is to serve as the boiler
10 operator and also the certified -- (technical
11 difficulty).

12 CHAIRMAN MORELOCK: Mr. Toth, we're
13 not seeing your updated --

14 MR. TOTH: -- under the variance
15 program -- say again?

16 CHAIRMAN MORELOCK: We are not
17 seeing on your screen --

18 MR. TOTH: Did I lose you?

19 CHAIRMAN MORELOCK: -- the missing
20 job descriptions that you were describing. What's
21 showing on our screen is the pictures with the
22 boiler information. And I guess that's
23 Appendix A.

24 MR. BAUGHMAN: This is Dave
25 Baughman, board member. While Marty is coming

1 back on, the question was asked whether or not --

2 MR. TOTH: I'm here. I'm back, I
3 think.

4 CHAIRMAN MORELOCK: Yes, you are.

5 MR. TOTH: I do apologize. It does
6 appear that that is definitely on my end. So let
7 me apologize for that. I had to switch over to a
8 hot spot. That's what happens when you have two
9 business people that work with Zoom from home
10 offices in the same building, I think.

11 Anyway, so, I guess, where I left off
12 was the remote attendants. And the remote
13 attendants are those pole technicians and, also,
14 the evaporator technician. As you can see, we do
15 have team leads that are in there -- or, excuse
16 me, not the team leads, but the actual -- the
17 technicians themselves that serve the role as the
18 remote attendants. And that's inside of their job
19 description as well.

20 And I believe that's pretty much it
21 for any type of editorial that we had on this
22 client.

23 CHAIRMAN MORELOCK: So let me just
24 make sure that everybody is on the same page here.
25 So what Mr. Toth has presented is the editorial

1 changes he sent via email, and that includes an
2 editorial change to operating pressure in
3 Appendix A to 232 to 190 psig. And then you have
4 the missing Appendix G job descriptions. He has
5 added those. And all that text is in that
6 editorial email.

7 So has the board members seen those
8 changes now?

9 MR. BOWERS: Yeah. This is Harold
10 Bowers. I think most of the changes are just very
11 minor changes that just would be updates. Of
12 course, listening to Dave's point of view, I guess
13 he would want, maybe, a clean copy of everything.
14 But this should not hinder us from going forward
15 in what we're doing, because we usually accept on
16 the condition they update this stuff before the
17 inspection.

18 CHAIRMAN MORELOCK: And,
19 Mr. Bowers, that's correct. So what we could do
20 is once the manual is updated based on editorial
21 changes as presented, board comments, any comments
22 from the site visit, once that manual is cleaned
23 up, then the board members could get a copy of
24 that clean manual. Would that satisfy your
25 comment, Mr. Baughman?

1 MR. BAUGHMAN: Yes, it would. I
2 just want to, in whatever form or fashion, be able
3 to have a copy here in the office, so however that
4 transpires. And whatever the protocol for that is
5 and the precedent that it sets for how the Boiler
6 Unit transfers information or gets information
7 from the individuals out there in the field. So
8 just as long as I've got a clean copy here and it
9 goes along with the protocols of the Boiler Unit,
10 I'm good.

11 CHAIRMAN MORELOCK: Okay.

12 MR. TOTH: Yeah. And those have
13 usually been -- like I said, we could have went
14 the route that those weren't presented prior to
15 and they be found at the board meeting. And they
16 would be a tentative prior to the inspection. The
17 Boiler Unit would receive those editorials prior
18 to the inspection. And I -- so the precedent, per
19 se, has already, you know, been set in the past.
20 Mainly, how do you -- you, specifically,
21 Mr. Baughman -- want to receive it? Via paper? I
22 believe, in the past, you've had some concerns
23 with receiving stuff like that via email. Do you
24 want to receive it -- have a paper copy mailed to
25 you of the changes? Send in a whole new manual?

1 I don't think that that's necessary. Obviously,
2 we'll do what we need to do, but the pages, the
3 five pages or so that were changed, I can send
4 those to you.

5 Did you need something, John? Or
6 were you waving at somebody else?

7 MR. ABNER: I was waving at
8 somebody else.

9 MR. TOTH: Okay. If you would
10 rather have those hard copies mailed to you with
11 the holes already punched in it, Dave, I'll be
12 more than happy to do that, too, or we can just
13 send it in an email and they can be printed off.
14 You just tell us what you want and we'll make sure
15 of that.

16 MR. BAUGHMAN: You bet. And I
17 appreciate that. One of the concerns I have is
18 that when emails go out, there's no read receipt
19 being attached with those. So you don't have any
20 confirmation on whether any of us are receiving
21 this information. And so my end of it is that
22 sending this via email -- and, of course, things
23 can get lost in the mail, for whatever it's worth,
24 too -- but being that I live out in Milton,
25 Tennessee, and even any hot spot is iffy at times

1 out there, I have concerns with this information
2 being transferred via email without any
3 confirmation of any of our receipts on it. So how
4 we move forward, I don't really care, as much as
5 just making sure that what I've got in my manual
6 is a clean copy.

7 MR. TOTH: That sounds good.

8 Carlene, would you think it would be
9 better suited if I just provide you with all the
10 necessary hard copies and we mail them out?

11 And I'm kind of asking Carlene what
12 she thinks, since she's the board secretary, of
13 how to handle that.

14 MS. BENNETT: Are you talking about
15 the revisions?

16 MR. TOTH: Yeah. Just the
17 editorial pages. There's going to be -- there
18 will be probably three or four editorial pages.
19 Because I know usually, when we have changes, the
20 only person that's really getting those changes
21 after a board tentative approval is the chief
22 inspector. The chief inspector gets those.
23 Everybody else pretty much has a line through with
24 notes in it.

25 So I think what Mr. Baughman is

1 alluding to is having a clean copy for his
2 records. And so it would be -- it's not going to
3 be sending in seven new manuals. That's -- I
4 don't think that's necessary, but actually, having
5 the replacement pages that need to be changed out.

6 MS. BENNETT: Actually, Martin, I
7 prefer all --

8 MR. TOTH: It's "Marty," by the
9 way, but go ahead.

10 MS. BENNETT: Can you hear me?

11 MR. TOTH: Yes.

12 MS. BENNETT: Okay. I prefer all
13 those emails come through this office, to the
14 chief and the assistant chief and myself, to
15 disseminate to the board members. But that's just
16 my preference. Because typically --

17 MR. TOTH: Well, you do receive a
18 copy of them.

19 MS. BENNETT: -- we don't allow the
20 public to have the email addresses of the board
21 members. So you're one of the few that has that
22 information. And it would be important for us, as
23 Mr. Morelock said, to make sure that we have a
24 read receipt on those and that we get the
25 information first and disseminated. But that's up

1 for discussion. That's just my preference.

2 MR. TOTH: That's fine. I don't
3 have a problem with that. I just want to make
4 sure it gets done, is all. And if the Board
5 doesn't want to receive emails directly from me or
6 anybody else in regards to board items, I know
7 pretty much all those individuals, so whatever we
8 do, communication-wise, outside of this is fine,
9 but if it's board business, absolutely. If that's
10 what you want, that's fine.

11 CHAIRMAN MORELOCK: Yeah. And I
12 would agree with --

13 MS. BENNETT: Thank you. And
14 anybody else can weigh in. Like I said, that's
15 just my preference.

16 CHAIRMAN MORELOCK: Carlene, I
17 would agree with the Board and your comments in
18 the fact that everything should be sent to the
19 State of Tennessee and then it be sent back out to
20 the board members so that the Boiler Unit time
21 stamps everything when it comes in, and then they
22 will disseminate the information.

23 And, you know, with the emails that
24 we've had on these manuals, what I saw was it was
25 addressed to the board members to Carlene, to the

1 chief, the assistant chief. And so as long as the
2 Boiler Unit was included with the originating
3 emails, I was comfortable with that because I knew
4 that Carlene, being the point of contact for the
5 Boiler Unit, she was going to get that information
6 at the same time. And so that's why we've done
7 what we've done on these manuals today for the
8 sake of keeping this on schedule, especially with
9 this situation where we're having to do Zoom
10 meetings and things like that to try to help the
11 public keep their processes up and running.

12 MR. TOTH: I agree 100 percent,
13 Mr. Chairman. I think that even though I did add
14 them in this time, I think in the future, I will
15 send them directly to Chief Chapman and
16 Ms. Bennett. The only thing I do ask is that I'm
17 made aware that they have been submitted out to
18 the board members. So for future reference, we'll
19 make sure that it's handled that way. I think
20 that's the best manner.

21 MS. BENNETT: Okay, Martin. I'll
22 be sure to email you when I forward those on.

23 MR. BOWERS: This is Harold Bowers.
24 I have a comment. We're always doing
25 corrections and updates just for the State. I

1 think it should be an updated copy of the manuals
2 should only be sent out as requested, because --
3 because we get -- every time we'd make a minor
4 change, we get a new manual and we get loaded down
5 with these manuals, so it should be on a requested
6 basis. If the manual is sent in, there's a minor
7 change, and we note the change in ours, we
8 shouldn't have -- the State should not have to
9 send us a new copy of that update unless it's
10 requested. Is that agreed upon?

11 MR. BAUGHMAN: Yeah, I agree,
12 Mr. Bowers.

13 This is Dave Baughman, board member.
14 The editorial changes are just
15 strikethroughs, and notes are one thing, but where
16 there's items such as a site plan, any other items
17 that need to be printed off and printed off
18 legibly, those items need to be for sure sent out.
19 Because I know my poor printer has given up the
20 ghost, but even when it was working, it did not
21 print very well at all. So, yeah, I think this is
22 heading in the right direction.

23 CHAIRMAN MORELOCK: Very good. So
24 getting back to the manual itself, so Mr. Toth,
25 there is an editorial change that you need on

1 page 4, Item 3 of your emergency procedure.
2 Change "responses" to "responds." And then you've
3 got the same correction on page 10 of your
4 emergency procedure. The word "responses" needs
5 to be changed to "responds," which you have done
6 in the other manuals.

7 And then we have noted your editorial
8 change in Appendix A, operating pressure being 190
9 instead of 232.

10 And then you showed us and sent us
11 the job descriptions in Appendix G. So I
12 appreciate you doing that.

13 And -- let's see -- let me go through
14 my checklist here just to make sure if there's
15 anything else before I let other folks have an
16 opportunity to comment.

17 I did have a question on Checklist
18 Item 11. I have a question as to who keeps the
19 manual. It says does the person have the
20 responsibility of keeping the manual current. I
21 don't know that we clearly defined who that person
22 is.

23 MR. TOTH: It should be -- oh, I'm
24 sorry, Mr. Chairman.

25 CHAIRMAN MORELOCK: No. That's

1 okay. Go ahead.

2 MR. TOTH: Yeah. You should see
3 that on -- in Section 1 -- actually, the very last
4 sentence of page 1 under Section 1. The plant
5 engineer, it says he is responsible to ensure all
6 copies are revised correctly upon revisions or
7 edition change.

8 CHAIRMAN MORELOCK: Okay. I'm
9 almost there. Okay. Yeah. Last sentence on
10 page 1?

11 MR. TOTH: Yes.

12 CHAIRMAN MORELOCK: Okay. Thank
13 you. That will satisfy that comment.

14 And that's all the comments I have.

15 Any other questions or comments from
16 the Board.

17 MR. BAUGHMAN: Dave Baughman, board
18 member.

19 Mr. Abner, what is your position at
20 the company?

21 MR. ABNER: You kind of broke up.
22 Was your question what is my position?

23 MR. BAUGHMAN: Yes.

24 MR. ABNER: My position is the
25 plant engineer.

1 MR. BAUGHMAN: Thank you,
2 Mr. Abner.

3 And so in section -- can everybody
4 hear me okay? I want to make sure I'm not
5 breaking up.

6 (No verbal response.)

7 MR. BAUGHMAN: Okay. On Section 2,
8 page 3, the picture of the boiler emergency panel,
9 the e-stop button looks to be a keyed button. Is
10 that a keyed button?

11 MR. ABNER: That button, you can
12 push it in and then pull it out, and then turn it.

13 MR. BAUGHMAN: Yes, sir. My
14 question is -- it looks like it's got a keyed
15 opening, so the question being is this a keyed
16 button?

17 MR. ABNER: I'm not aware of a key
18 for that.

19 MR. BAUGHMAN: Mr. Toth, I see you
20 shaking your head.

21 MR. TOTH: Yeah. It's not. The
22 keyed portion of that is not operational. It's
23 just a push button, and twist to release.

24 MR. BAUGHMAN: Okay. So being that
25 it's a keyed -- it is a keyed button, though; it's

1 just not keyed and operational.

2 MR. TOTH: Right. It doesn't --
3 the keyed portion of it is not in effect. It's
4 the ability just to hit and release by a twist.

5 MR. BAUGHMAN: Okay. Very good.
6 Should a recommendation be made to, being that it
7 is keyed -- nobody is using the key, but it has
8 the ability to be keyed, should that button be
9 replaced to just simply a push-and-pull or a
10 twist-and-turn button with no key mechanism in
11 case the key mechanism fails and it fails in a
12 position that would not be good. My concern with
13 it is it's keyed. Even though it's not being
14 utilized as a keyed, it is keyed. So I want to
15 make sure it can't locked in any regard, whether
16 it's physically or by mechanical failure.

17 MR. TOTH: That's a really great
18 question, Mr. Baughman. The design of those
19 buttons, the key is the ability to lock it and to
20 remain locked in the engaged position, not the
21 disengaged position.

22 So in normal operations, if that key
23 is utilized once it's hit, then to be able to
24 release it, you would utilize the key. We don't
25 do that. In other words, what your concerns are,

1 are a really, really good concern, which is, hey,
2 can we lock this thing to where if I hit it, it
3 doesn't do anything. And the case is no. I, you
4 know -- I would say that your concerns are very
5 valid in that manner, and I don't think it would
6 be too big of an issue for us to change that out
7 if you find that as being a concern.

8 MR. BAUGHMAN: I appreciate you
9 looking at that, and just -- I was interested.
10 Probably 99.9 percent of what we see come across
11 here does not have a keyed opening in it, and,
12 henceforth, doing the competent job we're called
13 to do, needed to bring it up.

14 From an operational standpoint, I'm
15 interested to know, are we wiring back the primary
16 low-water cutoff as our alarm mechanism, or do we
17 wait for the secondary to alarm?

18 MR. TOTH: Well, it's the primary
19 because we have a Level Master system in play. So
20 the Level Master is controlling if we go into that
21 alarm feature as well. So that can serve as an
22 alarming feature as well. It would send an alarm
23 to the unit, which is an extra feature.

24 MR. BAUGHMAN: Very good. Well,
25 and I know we've discussed it many times in the

1 past. Depending on the system, but having the
2 primary alarm go out, even though it's not
3 necessarily a manual reset alarm is very good.

4 MR. TOTH: It is good. It is a
5 good feature to have on a unit. It's kind of
6 hard-pressed to point that towards a code
7 requirement for that because you could have
8 operational conditions that come into play, as you
9 very well know. If they do come into play,
10 someone like you and I, we're going to be
11 concerned of that because we're getting sluggish
12 response of our feedwater supply. So in this case
13 here, it is a Level Master; as a matter of fact,
14 all of my clients that I'm representing today all
15 have Level Masters, so that makes it a little bit
16 easier.

17 MR. BAUGHMAN: We mentioned earlier
18 about carbon monoxide. Does this particular room,
19 are they enunciating carbon monoxide yet, or is
20 that even a feature that's being considered?

21 MR. TOTH: I've never had to answer
22 to that. That's not something that's been brought
23 up in attention, nor has it been brought up as
24 something that's required in a remote variance.

25 MR. ABNER: No. We have not

1 addressed the carbon monoxide.

2 MR. BAUGHMAN: Very good. And I
3 bring it up just because it is -- in our remote
4 variance, what we're doing is we're enunciating
5 alarms. We don't necessarily identify or mandate
6 what alarms get sent back to the remote station.
7 We're just enunciating alarms that are of a
8 serious nature; in other words, low water,
9 combustion failure, so forth. And CO, more deaths
10 and injuries each year are attributed to carbon
11 monoxide than any other accident. And so that's
12 where this part of the conversation is going. Not
13 that we're mandating it, but just as a point of
14 operational concern.

15 MR. TOTH: Definitely an
16 operational concern. Again, it's outside of the
17 scope at this time, so it's not addressed.

18 MR. BAUGHMAN: The other question
19 I've got is -- and, Mr. Toth, you may be aware of
20 this, too. These units have the Honeywell 7800
21 series programmer. And Honeywell is obsoleting
22 the 1000 series programmers. And these are going
23 to the new 2000 series. And so my question being
24 is this: We've got these systems out there.
25 We're going to be updating hardware very shortly.

1 The sales -- or the information release here from
2 Honeywell is identifying this. So making not only
3 the end user aware, but how we identify that,
4 because it is -- it's not a hardware change from a
5 manufacturing standpoint, but there's upgrades to
6 the equipment that are going to have to be made.
7 And that's going to be coming about in a fairly
8 short period of time.

9 But I just didn't know, Mr. Toth, if
10 you were aware of those changes, Mr. Abner is
11 aware of those changes or so forth.

12 MR. TOTH: I don't want to speak
13 for John, but I'm aware that we're constantly
14 having changes in controls. It's the market
15 that's living and breathing.

16 As for changing from the 1000 to the
17 2000 underneath the Honeywell RM7800, it's always
18 been my understanding, okay, that when we replace
19 a controller, such as a 7800, with a new 7800,
20 that serves the same purpose and has the same
21 features that we are not necessarily using that as
22 an equipment change within the variance.

23 Am I, kind of, hearing from you that
24 you feel that changing over to the 2000 series, if
25 and when -- and I say "if" because these

1 controllers can last a long time -- if and when it
2 happens that the companies would need to come
3 before the Board to get re-approval on a series
4 change?

5 MR. BAUGHMAN: I would not
6 recommend that, personally. But I wanted to bring
7 it up just so that the question or the
8 conversation was had so that everybody would be on
9 the same page. And especially, within the
10 inspectors end of it, to understand that if there
11 was a change of a Honeywell 7800 series from a
12 1000 to 2000 series, that wouldn't necessarily
13 constitute a change. It might, if it was going
14 from a FireEye E100 to a Hawk or whatever the
15 situation may be in that respect. But I think
16 that as equipment gets upgraded -- I mean, even
17 within the Hawk it gets changed from a
18 1000 series, 2000, 4000 ICS and so forth. So
19 those are more lateral things. But I wanted to
20 bring it up in the context of the conversation so
21 that we kind of understood that this does not -- I
22 wouldn't say that it constitutes a hardware change
23 needing to be addressed. I would address it at
24 that renewal time that the programmer had been
25 updated to the newest series. But that would be

1 as far as what I would take it.

2 MR. TOTH: And that's a very good
3 point. This would be something -- if I may
4 interject -- this would be something that would be
5 covered on the revision page that would be
6 provided to the Boiler Unit at the time of
7 reinspection showing any type of an editorial
8 change or any type of a numbering change as long
9 as it's not a complete equipment change, as you
10 referred to, in regards to changing from a FireEye
11 to a Hawk or vice versa or a Siemens or what have
12 you.

13 We actually have a request coming up
14 next where they currently have Hawk ICS systems.
15 We're presenting Hawk 4000 systems because we know
16 by the time we get everything up and ready and
17 everybody is trained, that we're going to have
18 those 4000 systems in place, even though some of
19 the photographs you may see may show an ICS, just
20 because they're not installed yet. But if those
21 were changed out, absolutely. In this case here,
22 it's kind of a...

23 MR. BAUGHMAN: Very good. Thank
24 you, Mr. Toth, Mr. Abner.

25 And that's all I've got, Chairman

1 Morelock.

2 CHAIRMAN MORELOCK: Thank you
3 Mr. Baughman.

4 Any other questions or comments?

5 MR. BOWERS: Yes. This is Harold
6 Bowers, board member. Like Mr. Baughman, seeing
7 the keyed e-stop there, I had a question about
8 that. And I know in some locations where they
9 have -- where the e-stop is actually utilized --
10 once the e-stop is initiated, it would be locked
11 out. Say, at a hospital, they investigate to what
12 had actually happened before it's unlocked. But I
13 did not see nothing in their protocol that says
14 once the e-stop is initiated, somebody has to be
15 qualified to unlock the boiler before it's started
16 back up. And I don't know if that was the
17 original intention years ago, or what, then they
18 drew this up. But I can see what -- in some
19 places why this e-stop would like that, locked
20 out. To investigate why it was initiated, it
21 would have to be unlocked by somebody qualified
22 before the boiler could be started.

23 I, also, on Mr. Baughman's comment
24 about the carbon monoxide detectors -- I know it's
25 not in our variance approval process now, but I

1 know that is the hot item right now that a lot of
2 inspectors are looking at. I'm glad he brought it
3 up. A few years ago, the e-stop was the hot item.
4 Now the new hot item is the CO detectors. I'm
5 glad he brought it up because people need to be
6 aware of it. The inspectors, now, state and
7 insurance companies, are really looking for that,
8 so I'm glad he brought it up in this meeting.

9 MR. TOTH: Mr. Chairman, if I can
10 add something to that, just briefly. I think it's
11 great. There are a lot of things that you will
12 see in my manuals and some other manuals that
13 aren't necessarily checklist items that you're
14 asking for that we add to the manual. I've
15 written a note here. That's something, in my role
16 as a consultant, I have spoken with individuals
17 on. Not necessarily in regards to variances.
18 That may be something we look at down the road.
19 Again, is that part of the scenario where -- you
20 know, the Board really has to look at it and say,
21 okay, does that pass or fail a variance? I don't
22 know. But it is definitely something that I will
23 look at myself when communicating with clients.

24 CHAIRMAN MORELOCK: Very good. In
25 that vein, you know, we do have -- on a future

1 agenda, we were going to discuss the checklist and
2 revision of the checklist. And so if you look at
3 Item -- let's see. Where am I at? -- Item 32. It
4 says, "Does the manual include a recorded log
5 listing the manual holder's locations and contact
6 information?"

7 And so that information is in this
8 manual. It's in the narrative on page 1 in
9 section 1, but we don't have a log. And the
10 information is in the manual. And that's
11 something that the Board is going to have to look
12 at as we go through making revisions to the
13 checklist, because the information is there; it's
14 just not in a log that's listed in a table in the
15 manual. So it's just a comment. I'm not saying
16 that the log has to be put in there, but that's
17 some of the things we're looking at as we revise
18 the checklist. Okay?

19 Any other questions or comments?

20 (No verbal response.)

21 CHAIRMAN MORELOCK: Hearing none,
22 do I have a motion for tentative approval of this
23 variance based upon revisions to the manual based
24 on Tennessee Board comments, as well as a
25 successful site visit by the Boiler Unit?

1 MR. BAUGHMAN: So moved. Dave
2 Baughman, board member.

3 CHAIRMAN MORELOCK: Thank you,
4 Mr. Baughman.

5 Do I have a second?

6 MR. BOWERS: I second. Harold
7 Bowers, board member.

8 CHAIRMAN MORELOCK: Thank you,
9 Mr. Bowers.

10 Any other discussion?

11 (No verbal response.)

12 CHAIRMAN MORELOCK: Hearing none,
13 I'm going to call for the vote.

14 So, Mr. Baughman?

15 MR. BAUGHMAN: Aye.

16 CHAIRMAN MORELOCK: Mr. Bowers?

17 MR. BOWERS: Aye.

18 CHAIRMAN MORELOCK: Mr. Henry?

19 MR. HENRY: Aye.

20 CHAIRMAN MORELOCK: Gentlemen, you
21 have a tentatively approved variance. So thank
22 you for your time, the presentation, and for
23 answering all of our questions and comments.

24 Okay. So according to my clock, it's
25 11:34. It's 10:34 in Nashville. We've been going

1 at this for 94 minutes. I'm going to give you-all
2 a ten-minute break. Let's reconvene at 10:45.

3 (Recess observed.)

4 CHAIRMAN MORELOCK: Let's go ahead
5 and reconvene.

6 So we are now on Item 20-13.
7 Williamson Medical Center is requesting a new
8 variance for three high-pressure boilers to
9 operate under the requirements of 0800-03-03.811.
10 So if representatives from Williamson Medical
11 Center and Mr. Toth would introduce yourselves.

12 Are there any board conflicts of
13 interest with this item?

14 MR. BOWERS: Yes. This is Harold
15 Bowers, board member. I do have a conflict. This
16 is one of my insured accounts.

17 CHAIRMAN MORELOCK: Okay. All
18 right. So duly noted.

19 MR. GARTUNG: This is Allan
20 Gartung, Williamson Medical Center. I'm the
21 assistant director of plant operations.

22 CHAIRMAN MORELOCK: Thank you, sir.

23 MR. TOTH: Mr. Gartung was not able
24 to be on the call at the start of the meeting, so
25 he was kind enough to be able to have logged in,

1 and he will need to be added to the roster of
2 attendees, please.

3 So, again, my name is Marty Toth.
4 I'm with ECS Consulting. It's my pleasure to
5 represent Williamson Medical Center to present
6 their request for a variance to their program.

7 As you have seen, we've already met
8 Mr. Gartung. He is, again, the assistant director
9 of plant operations. I believe Mr. Scott Gentry
10 was going to try to call in but was unable to.
11 He's the director of facilities.

12 Allan is responsible for the
13 implementation and maintenance of the variance
14 program. He is responsible for making sure that
15 all of the manuals are up to date, he or his
16 designee.

17 Again, Williamson Medical Center is
18 located at 4311 Carothers Parkway in Franklin,
19 Tennessee. It is a full-service regional medical
20 center. As we said, we -- well, obviously, it
21 operates 24/7. The system itself has individuals
22 that are in the PBX location within the hospital
23 that is manned 24/7 to take in all incoming calls.
24 That is, actually, located in the ER patient
25 registration location in the hospital itself, and

1 is manned by a patient access associate. So
2 though it is in that ER patient registration area,
3 it is in the back portion and is manned 24/7.

4 Maintenance technicians, as you will
5 see if you look in the glossary of terms, they
6 have an operating time frame where they are
7 on-site as the boiler attendants. The security
8 guards are certified as boiler guards, which means
9 that they actually go through the same training
10 requirements and pass the same exam that the
11 maintenance technicians go through.

12 They're working with Boisco Training
13 Group to provide all training for the remote
14 attendants and, also, the boiler attendants, their
15 own shift. The main line of communication between
16 the remote attendant and the boiler attendant is
17 via the phone system and, also, a secondary would
18 be the PA system throughout the hospital. So
19 mainly that phone system is what is utilized.

20 As you mentioned, Mr. Chairman, we
21 have three boilers at the location. All three of
22 those boilers are Cleaver-Brooks firetube boilers.
23 One boiler, which is our main boiler that we
24 utilize is the 300 horsepower; whereas, we have
25 two 150-horsepower boilers that also have the

1 ability to come online when needed.

2 All three boilers are equipped with
3 the Hawk ICS, integrated control system, at this
4 point, but as I mentioned earlier, we are in the
5 process of installing the Hawk 4000 systems, which
6 is a more up-to-date control system.

7 We do and will, however, continue to
8 utilize the Honeywell 7800 series controllers, and
9 we also have Level Masters on all three boilers.
10 Again, training will be handled, as covered, in
11 parts 2 of both Section 3 and Section 4. And
12 again, as I mentioned, Williamson Medical Center
13 will be contracting through Boisco Training Group
14 to help and assist with that.

15 As I mentioned, prior to reconvening,
16 I have been able to pull up the editorials screen
17 that we talked about under Vonore Fiber Products.
18 We had the same thing that I did for this manual.
19 Again, it's mostly just editorial. There were a
20 couple of things that we had to put in after the
21 fact. But I will go ahead and go through those at
22 this time and then take any questions that you may
23 have.

24 You should be able to see my screen
25 at this time. On the main covers, what Mr. Gentry

1 wanted us to do is switch from the telephone
2 number it went to, the main hospital, back to a
3 more maintenance telephone number, which is why we
4 changed that to 5441. You'll see that on both the
5 outer folder, the manual, and, also, the inner.
6 Those have already been updated on the master
7 manual that Allan has there at the hospital. So
8 we'll make sure and get those revisions over to
9 Ms. Bennett so she can just review it as
10 necessary.

11 Again, just had some editorial
12 changes, you know, putting in what happens, I
13 guess, when you have three clients under one
14 meeting. You kind of cross them up sometimes.
15 And Williamson Medical Center is actually in
16 Franklin, not Sevierville, so we changed that. We
17 are a 24/7 operation, not a 24/5 operation.

18 Some of the information that was not
19 accessible at the time of submission was the
20 national board information that was on the
21 boilers, pulling the plates, getting that
22 information up, verifying that they to have a
23 certificate on hand. Just lack of gathering that
24 information during the site visit, we were able to
25 come back and get that, as you can see. It shows

1 the three boilers. If you notice in that picture
2 for Boiler Number 3, that is the current Hawk ICS
3 system. That will be changed out to a Hawk 4000.

4 Boilers Number 1 and Number 2
5 actually have a separate stanchion that both
6 panels for their Hawk systems are located with
7 this, so that's why you do not see them, actually,
8 in the image. But they are there.

9 I also have some additional
10 information concerning the DA that we are able to
11 provide. I took another trip to the location
12 because it was found that, apparently, the DA had
13 not been registered. I found that. We're going
14 to go ahead and go through the process of getting
15 that registered with the state. I think there was
16 maybe some erroneous information years back that
17 was provided; therefore, we're going to make sure
18 and get that registered. So that will also be an
19 update of that.

20 Once this goes through tentative
21 approval, anything thereafter will appear upon the
22 revision page that you'll see in the front of the
23 book.

24 And I believe that's pretty much it
25 that I show for the revisions there. I can go

1 back and look. I think that's all we have. So if
2 you have any questions, please, you are more than
3 welcome to ask those and we'll answer them.

4 CHAIRMAN MORELOCK: Thank you,
5 Mr. Toth. Do I have a motion to discuss this
6 item?

7 MR. BAUGHMAN: So moved.

8 CHAIRMAN MORELOCK: I've got a
9 motion from Mr. Baughman. Do I have a second?

10 MR. HENRY: Second.

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

13 What questions/comments do you have
14 on this proposed variance?

15 MR. BAUGHMAN: This is Dave
16 Baughman, board member. A little concerning that
17 that DA in a 2004 kind of missed registration down
18 the pike. Especially, one of the boilers, I take
19 it was, installed at the same time, the 2004
20 350 horse. Did this facility ever have a variance
21 in place previously?

22 MR. TOTH: No, they did not.

23 MR. BAUGHMAN: Okay. Well, I'm
24 glad that you identified the need for the DA to
25 get in line and registered and follow through with

1 those inspections on that unit. I'll let my
2 colleagues ask any questions.

3 MR. HENRY: Mr. Toth, this is Jeff
4 Henry. The remote attendant, as I understand it,
5 is going to be located in the emergency room; is
6 that correct?

7 MR. TOTH: It's going to be located
8 in the patient registration, in the office behind
9 the patient registration.

10 MR. HENRY: That's right.

11 MR. TOTH: So it's a separate
12 location that's the PBX station that is located in
13 the back and manned 24/7.

14 MR. HENRY: And I appreciate the
15 correction. I'm sorry. Are there circumstances
16 where that attendant, because of a patient
17 emergency, a patient coming in, could be
18 distracted and not able to monitor.

19 MR. TOTH: No. Because that
20 location is in the back of the space, they have
21 rotating assignments for those individuals that
22 man that -- the patient access associates is what
23 they're called. They're not nurses. They are
24 registration personnel. And in that situation,
25 they will rotate the individuals that go from

1 working at the patient registration to the PBX.
2 And I would assume that's just kind of to break
3 the monotony that they have up there, so they will
4 not be distracted by registering anybody. They
5 have plenty of personnel that are up there.

6 MR. HENRY: Okay. Thank you.

7 MR. TOTH: Great question, though.

8 CHAIRMAN MORELOCK: What other
9 questions do the board members have?

10 MR. BAUGHMAN: Mine is not so much
11 a question, but just as a comment that follows the
12 previous variance comments on the CO alarms,
13 comments on getting the clean revisions, indoor
14 hands and so forth. But nothing from an
15 operational standpoint that I have any concerns
16 with.

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

19 Hearing no questions or comments, do
20 I have a motion to tentatively approve this
21 variance based upon updates to the manual to
22 include the revisions, board comments and a
23 successful site visit by the Boiler Unit?

24 MR. HENRY: Jeff Henry, board
25 member.

1 So moved.

2 CHAIRMAN MORELOCK: Thank you for
3 that motion, Mr. Henry. Do I have a second?

4 MR. BAUGHMAN: Dave Baughman, board
5 member.

6 Second.

7 CHAIRMAN MORELOCK: Any additional
8 comments or questions?

9 (No verbal response.)

10 CHAIRMAN MORELOCK: Hearing none, I
11 am going to call the question.

12 Mr. Baughman?

13 MR. BAUGHMAN: Aye.

14 CHAIRMAN MORELOCK: Mr. Bowers has
15 got a conflict, so Mr. Henry?

16 MR. HENRY: Aye.

17 CHAIRMAN MORELOCK: And I will
18 vote. I approve as well.

19 So gentlemen, you have a tentatively
20 approved variance. Thank you.

21 MR. TOTH: Thank you.

22 CHAIRMAN MORELOCK: That will take
23 us to Item 20-14, Johnson Matthey, that is
24 requesting a variance for a high-pressure boiler.

25 And as they prepare to present that

1 item, are there any conflicts of interest by the
2 board members?

3 (No verbal response.)

4 CHAIRMAN MORELOCK: I'm not hearing
5 of any conflicts of interest, so you may present
6 your item.

7 MR. TOTH: Thank you, Mr. Chairman.

8 Again, this is Marty Toth with
9 ECS Consulting. Again, it's an honor for me to be
10 able to present this variance for Johnson Matthey
11 out of Sevierville, Tennessee. On the call with
12 us is Mr. Sherman Meade. Sherman is the nickel
13 superintendent and the knower of all. I can
14 attest to that. And Sherman is responsible for
15 the implementation and maintenance of this
16 variance itself.

17 The location is at 1246 Airport Road
18 in Sevierville, Tennessee. Johnson Matthey is a
19 chemical manufacturer primarily producing a sponge
20 nickel and precious metal-supporting catalyst.
21 It's a big chemical company that -- I'm pretty
22 impressed with their operation up there.

23 They do operate their boilers 24/5
24 under three shifts that start Sunday evening at
25 8:00 p.m. and will end Friday evening at

1 10:00 p.m. At that time, they do bring those
2 boilers off of service until the crew comes back
3 in Sunday evening and starts those boilers up.

4 There is possibilities that they
5 would change those hours of operation. In doing
6 so, they would follow either the variance as
7 approved or they would resume under the 20-minute
8 rule applicable to the individuals that they have
9 on-site. They do keep or will keep records of
10 that within their boiler operation logs that they
11 have on-site. As I mentioned, they do work those
12 three shifts. During those shifts, you have the
13 chemical operators. Chemical operators are
14 serving as the remote attendants. I may add, just
15 preface by saying that Johnson Matthew previously
16 had an approved remote attendance manual.
17 Unfortunately, they were unaware of some of the
18 requirements for reinspection.

19 That manual, some time ago, went into
20 a delinquent and then expired status. So what
21 we've done is we've gone back through and revised
22 the manual as you see. That why we're presenting
23 it as a new manual. It's a little bit clearer in
24 its description and understanding. Not that there
25 was something wrong with the previous; it's just a

1 little bit clearer in some of the descriptions.

2 So as I was alluding to, we have
3 chemical operators that work at one of the two
4 areas where the remote panels are located. As
5 will see in their site plan, they do have two
6 separate remote panels with individual alarm
7 systems. As a matter of fact, in Area 1,
8 Station 1, they even have a separate visual
9 audible alarm that sounds. So that is very
10 distinctive to any other types of bells, whistles
11 that they may have, or alarms.

12 Also, besides being certified as a
13 remote attendant, chemical operators and, also,
14 maintenance technicians are certified as boiler
15 attendants. So what we do is really cross-train
16 all individuals. Again, Johnson Matthey is
17 working with Boisco Training Group to put together
18 their training platform. They already have
19 training in place. They're just taking it one
20 step further, and we're happy to help them with
21 that.

22 Again, as we mentioned, we have one
23 boiler at this location. It's a 600-horsepower
24 Cleaver-Brooks watertube. It also has the Hawk
25 ICS, integrated control system, with the

1 Honeywell 7800 series burner control. And it also
2 has a Level Master to assist with water monitoring
3 and alarms.

4 You will find the training outlined
5 in parts 2 of both Section 3 and Section 4. As I
6 alluded to, I also have a few revisions that came
7 up. As I said, Mr. Sherman was very helpful in
8 identifying and -- he's got the heart of an
9 auditor, which I very much appreciate. And so we
10 were able to go through and identify some of the
11 areas that we needed to address.

12 And so if you would, I will go ahead
13 and bring that up on the screen. As you will
14 see -- let me go to the very top. I apologize.
15 At the top, simply enough, this particular change
16 that you see here is one of just bringing
17 uniformity to other operations within Johnson
18 Matthey. Instead of referring to it as Johnson
19 Matthey Sevierville, we call it Johnson Matthey
20 Tennessee Operations, so it's Tennessee with the
21 abbreviation of JMT.

22 Again, just some housecleaning,
23 "supported" versus "support." Again, where it
24 goes down through and change the Sevierville to
25 Tennessee, simple changes there.

1 This is where, Mr. Chairman, my usual
2 suspect of "responds" instead of "responses."
3 That was one we were able to get revised and
4 changed out. Again, some editorials -- again, I
5 don't know where I got "Nashville" from, but a
6 good thing I got some sleep putting this one
7 together, I guess. And so those are just
8 editorial changes that you see there. Again,
9 we'll send all those over. Simple things as "its"
10 to "is." And again --

11 CHAIRMAN MORELOCK: Mr. Toth?

12 MR. TOTH: Yes?

13 CHAIRMAN MORELOCK: If you'll
14 scroll back up to the top of that page --

15 MR. TOTH: I'm sorry? Okay. Which
16 page, sir?

17 CHAIRMAN MORELOCK: Okay. Let's
18 see. Page 8.

19 MR. TOTH: Was I going to fast?
20 I'm sorry.

21 CHAIRMAN MORELOCK: You're fine.
22 Scroll up. I'm making sure. I thought you had
23 missed one of the Tennessees under paragraph A at
24 the top of the page.

25 MR. TOTH: I probably did.

1 CHAIRMAN MORELOCK: No. You got
2 it.

3 MR. TOTH: Okay. Did I get it?

4 CHAIRMAN MORELOCK: You got it.

5 MR. TOTH: Okay. All right. I'll
6 slow my roll a little bit. How about that? I'll
7 slow down.

8 CHAIRMAN MORELOCK: No. It's good.
9 It's good. I was just checking.

10 MR. TOTH: Okay. And then here is
11 where we changed it under Section 5 to read
12 "responds," other than my usual.

13 Again, what we will do is these
14 revision numbers on here are dates we'll change
15 upon inspection anyway. Here is where we went
16 from -- prior to, I think, we had it at 100; the
17 actual operating pressure is 90. So we updated
18 there. There's a nice photograph of the boiler.

19 Again, we had the same situation
20 here, Mr. Baughman. You identify this. This is
21 the same situation that we had with Williamson
22 Medical Center. And I really think it had to
23 do -- there was just some information being put
24 out that is not accurate, such as DAs, just
25 because they operate below 50 psi, normal

1 operation of a deaerator is five to seven, so we
2 can get that temperature to that 227, 232 degrees.
3 However, that is not the design of that boiler or
4 that pressure vessel. The design of that pressure
5 vessel, as you can see, is 50 psi. That is
6 required to be inspected and registered with the
7 State of Tennessee.

8 CHAIRMAN MORELOCK: Quick question,
9 Mr. Toth, while you're talking about that, what is
10 the relief set on that deaerator?

11 MR. TOTH: 50.

12 CHAIRMAN MORELOCK: 50?

13 MR. TOTH: Uh-huh.

14 CHAIRMAN MORELOCK: Okay.

15 MR. TOTH: And that's where I was
16 saying that some of the erroneous information that
17 has been given out in the past -- and Mr. Meade
18 and I, you know, we've looked into this. We're
19 additionally going to be trying to find out and
20 see. And he and I are going to discuss later on
21 and then after this and make sure that we get
22 this. Before we do call for an inspection, way
23 before that, we're going to make sure that this is
24 taken care of and make sure that this information
25 is updated as well.

1 CHAIRMAN MORELOCK: So if this
2 deaerator -- just theoretically, if this deaerator
3 had an SBR setting of 15 psig, and you assured the
4 State of Tennessee that that vessel would never
5 operate, under any circumstance, above 15 psi, you
6 could exempt it from the state.

7 MR. TOTH: Actually, I --
8 actually -- I'm sorry. Did I cut you off?

9 CHAIRMAN MORELOCK: No, no, no.
10 You're fine.

11 MR. TOTH: I don't -- my -- and I
12 guess I am classified as an expert. My expert
13 opinion is that's incorrect. And the reason -- I
14 see you smiling, there, Mr. Baughman. The reason
15 why is the design of that vessel. Okay? If we
16 look at the actual verbiage in the code, in the
17 rules, it's the design of that vessel. Okay? The
18 design of that vessel is 50. The operation is
19 actually less than 50.

20 So that's where I think we had
21 some -- we've had some discussions in the past.
22 And as a former inspector, one of the things
23 was -- that I always enforced was what is the
24 design of that vessel. Because that goes back to
25 code. You are a lot more knowledgeable in

1 Section 8 than I am; however, I've just got to go
2 by my own personal interpretation of what the
3 rules and regulations in the code are.

4 MR. BOWERS: This is Harold Bowers,
5 boiler inspector.

6 I think there was an unofficial
7 interpretation of it that was -- if the valve
8 had -- say if the valve was set at 15 psi, then it
9 doesn't have to be registered. But I agree with
10 you. Actually, in the NBIC, it does say the
11 design. But that's why you see in a lot of these
12 DA tanks that weren't registered because they had
13 a 15 psi or a 14 psi safety valve on there. And
14 so I think that was the unofficial interpretation
15 from the State years ago. And so we actually are
16 going back to a lot of these that -- and actually
17 looking at what the MAWP of those vessels are.
18 But I don't know if we'd ever need an official
19 interpretation of that, because there's kind of a
20 conflict of what we've been going compared to
21 what, actually, the NBIC says.

22 MR. TOTH: Yes. And the problem
23 that I have -- the concern that I have is when we
24 start looking at pressure vessels, unfired
25 pressure vessels, when we start looking at maybe

1 an air storage tank or something of that nature,
2 we're under a whole different genre when we start
3 looking at DA. Okay? We start looking at high
4 levels of corrosion possibilities in these
5 deaerators. We've had incidents, accidents,
6 explosions. And when we start looking at things
7 like DAs exploding because of corrosion, surge
8 tanks, things of these natures -- you know, a
9 surge tank is completely vented to the atmosphere.
10 It's not building any pressure up to it, and we
11 still have issues with those; whereas, the DA has
12 possible oxygen, because that's what it is, is a
13 deaerator getting rid of air and noncondensable
14 gases.

15 And so we're really looking at high
16 levels of oxygen content in these units before
17 it's being vented. There's possibilities,
18 especially with fluctuation, those systems that
19 only have a DA maybe doesn't have a surge tank.
20 You're getting a lot of pressure fluctuation. And
21 you get these cyclic corrosions that are going --
22 and I don't want to get deep into the weeds, but
23 if we need to look or if the board needs to look
24 at an interpretation, I would say that would be a
25 nice long discussion that's outside of what we're

1 talking about now.

2 MR. BAUGHMAN: This is Dave
3 Baughman, board member.

4 I'll just make a comment on that.
5 We've got a safety relief valve setting at 50 psi.
6 We've got no capacity of that relief valve shown.
7 And if we change, by chance, to a 15 psi relief
8 valve, we've still got to match the relief valve
9 up to the capacity of the unit itself. And that's
10 not identified, typically, with -- with -- and so
11 it's just a point to -- again, as we look at
12 further first discussions along the way, what we
13 set a relief valve to and what that relief valve
14 capacity is, is extremely important for what we're
15 applying on here. And the design criteria, the
16 opening coming of the unit itself, coming out of
17 the DA, the relief valve opening may not be
18 conducive to giving enough relief capacity at
19 15 psi. So anyway --

20 MR. TOTH: Usually -- and you're
21 right there, Mr. Baughman. It's usually when
22 you -- most of those units have multiple nozzles
23 to hopefully compensate for that. You would never
24 want to go and do an alteration on one of those
25 just to get away from having your vessel

1 registered.

2 But I really think that the aerators
3 are another bird that needs to be looked at.
4 Because, as you see from the illustration,
5 the photographs on this, there is access to these
6 types of units that need to be inspected on a
7 regular basis to make sure that they have no
8 excessive corrosion.

9 But anyway, again, here is something
10 else that, technically, is not part of the
11 variance guidelines up to this point, but
12 something that has been put in because it is a
13 critical piece of equipment in the boiler
14 operation.

15 But just to put a bow on it, we're
16 going to make sure that this is taken care of and
17 that information is updated.

18 So there's that information there,
19 and that's pretty much it for the revisions, I
20 believe, that we had for Johnson Matthey. So
21 we're open to any questions that you may have.

22 CHAIRMAN MORELOCK: Thank you,
23 Mr. Toth.

24 Do I have a motion to discuss, or
25 have I already asked that?

1 (No verbal response.)

2 CHAIRMAN MORELOCK: I'll go ahead
3 and ask again. Do we have a motion to discuss?

4 MR. BOWERS: This is Harold Bowers.
5 Motion to discuss.

6 CHAIRMAN MORELOCK: Thank you,
7 Mr. Bowers. Do I have a second?

8 MR. HENRY: Second.

9 CHAIRMAN MORELOCK: Thank you,
10 Mr. Henry.

11 What questions or comments do you
12 have?

13 MR. BOWERS: This is Harold Bowers,
14 board member.

15 One concern I have is we talk about
16 that this is a 24/5 operation. And when Martin
17 was talking about going from changing that
18 operation -- you know, say the operation decides,
19 hey, we're going to work this Saturday, do we go
20 from continue the variance to a weekend, or do we
21 revert to the 20-minute rule?

22 What scares me of remaining on the
23 variance that is beside what we are looking at, do
24 we have all of the factors put in place? Do we
25 have -- we don't want to say, hey, we're going to

1 do a variance on a Saturday and we're going to
2 operate the boiler, and all of a sudden, something
3 happens and they say, Oh, Joe was off on Saturday,
4 and, you know -- whenever you get out of the
5 routine -- you know, I've been doing this
6 40 years. Things happen. I know many years ago
7 me and Martin investigated a fatality at a place
8 in Dayton, Tennessee, where they got out of their
9 routine and did something different than they
10 normally do, and something happened and somebody
11 got killed. So it scares me when you say -- if
12 we're going to do this variance and you're asking
13 for 24/5, I'm saying if we stay with the 24/5, if
14 you decide to change that into something
15 different, you would refer back to the 20-minute
16 rule unless you knew all the safeguards were going
17 to be in place. Because you're getting out of the
18 regular routine of what you're normally doing.
19 That's the only comment that I have.

20 MR. TOTH: Well, if you would like,
21 I can kind of answer to that. I agree 100 percent
22 with what you're saying, Mr. Baughman. Again,
23 it's -- we've got to rely on the individuals that
24 have the liability. And those individuals are
25 Mr. Meade and Johnson Matthey. They understand.

1 We all know ignorance is no excuse of the law. We
2 understand that, but they understand the process
3 because they've gone through it with the variance
4 application, and the importance that says if they
5 do expand their operation up into the Saturday or
6 Sunday operations, as I mentioned in my opening,
7 they will document. And that documentation is
8 going to be on their boiler logs.

9 So if they are unable -- which I
10 cannot see a reason why. And the reason I say I
11 can't see a reason why is because their chemical
12 operators are both trained and qualified as the
13 remote attendant. So no different than having a
14 location that, say, has a security guard that
15 leaves their post to go take readings on the
16 boiler as long as they go from their work area to
17 the boiler room. As you can see from the site
18 plan, it's really just, literally, just walking
19 through a door into another door. They're within
20 their variance. They have the manpower.

21 So with that said, you really -- the
22 only time that I could see it not working within
23 the variance is if we had somebody that was maybe
24 a maintenance technician that was not qualified as
25 a remote attendant, but, in reality, we're not

1 going to operate that way. Everybody will either
2 be qualified or if we're in there operating, we're
3 going to have chemical operators on-site that are
4 both remote attendant qualified and boiler
5 attendant qualified.

6 So I definitely see your concern, but
7 there's got to be a point where we've got to trust
8 the individuals that have come before the Board,
9 that have been inspected, that are going to follow
10 the requirements of their variance.

11 MR. MEADE: Marty, do you mind if I
12 jump in here for a moment?

13 MR. TOTH: No. Absolutely.

14 MR. MEADE: I thought you told me
15 to sit here and be quiet. Anyway -- I'm just
16 kidding.

17 MR. TOTH: Obviously, you don't
18 listen. No, just kidding.

19 MR. MEADE: Just for the peace of
20 mind associated with how we operate, this is a
21 chemical manufacturing facility. We generate a
22 lot of hydrogen. We have lots of opportunities
23 for oxygen deficiencies. We have all sorts of
24 monitoring programs that we have to manage whether
25 we're on a five-day work week, a six-day workweek,

1 a seven-day workweek, whatever it is we're
2 planning to go to. This boiler and it's
3 associated DA and all of its affiliated systems,
4 the steam delivery system, we cannot afford to
5 treat it any differently than all of these other
6 systems; whereby, when we go into these overloads,
7 as far as the extended workweeks and everything
8 else, the boiler -- the steam delivery system gets
9 picked up just like all these other safety
10 critical systems do.

11 So we're never going to go to a less
12 safe state. If anything, we're going to go to an
13 equivalent if not more safe state, as far as
14 management of these systems.

15 CHAIRMAN MORELOCK: Very good.

16 Mr. Toth?

17 MR. TOTH: Yes, sir.

18 CHAIRMAN MORELOCK: You also need
19 to share the Appendix G job descriptions that we
20 didn't have in the manual.

21 MR. TOTH: I would be more than
22 happy to do so, sir.

23 CHAIRMAN MORELOCK: Thank you.

24 MR. TOTH: Can you see that screen
25 or is it a bad screen?

1 CHAIRMAN MORELOCK: No. It's good.

2 MR. TOTH: Is it good? Okay.

3 So we have the maintenance tech. We
4 have the team leader who is also a chemical
5 operator team leader, and then the chemical
6 operator. So as we see Mr. Meade, the one who
7 approves these job descriptions, goes down through
8 here. As you can see, serves as the boiler
9 operator and certified boiler attendant under the
10 variance program; that is for the maintenance
11 technician. And then if we look at both the team
12 leader -- you know, serves that role but also is
13 kind of like that area -- just what a team leader
14 is, that area supervisor, if you would, will serve
15 as both a remote and a boiler attendant under this
16 system and is trained and certified as such.

17 And then, again, the chemical
18 operator, same type of activities, also serves as
19 that remote and boiler attendant.

20 And that's all we have.

21 CHAIRMAN MORELOCK: Thank you.

22 MR. TOTH: I can leave that up if
23 anybody has any questions and we can refer back to
24 it, or I can take it down.

25 CHAIRMAN MORELOCK: So what other

1 questions do the board members have?

2 (No verbal response.)

3 CHAIRMAN MORELOCK: Hearing no
4 questions or comments, do I have a motion to
5 approve this variance, tentatively, on updates,
6 based on Tennessee Board meeting comments and a
7 successful site visit from the Boiler Unit?

8 MR. BOWERS: Yes. I --

9 MR. BAUGHMAN: Sorry. I've got one
10 more question before we bring this to a vote.

11 CHAIRMAN MORELOCK: You go right
12 ahead.

13 MR. BAUGHMAN: Thank you. Sorry
14 for that last late moment.

15 I'm interested in when an alarm goes
16 off on the boiler, which at some point it will,
17 it's going to enunciate to both remote stations,
18 correct?

19 MR. TOTH: Yes.

20 MR. BAUGHMAN: So do both remote
21 stations then have personnel that communicate back
22 with the boiler attendant at that time? And if
23 so, then both panels have to be reset to
24 reactivate or bring the boiler back online in
25 accordance with the manual. That's correct?

1 MR. TOTH: Yes. And so what you're
2 going to get in that situation, just as we've had
3 in other locations that we've had that have
4 multiple remote panels, is there are certain times
5 during the day that one station may not be
6 occupied, the line may not be running. Okay? So
7 there's only one line, so there wouldn't be
8 anybody at that remote panel. So it would only be
9 one station. In those situations where you have
10 occupancy of both locations, yes. The
11 communication that's going to go out is that radio
12 communication signifying there is a boiler alarm.

13 So if somebody has -- if it's been a
14 chemical operator that hears the alarm, they trip
15 it, they're going to communicate, they're going to
16 be trained, in that manner, of how the individual
17 communication, above and beyond what we have
18 on-site or in the manual itself. And so if for
19 some reason they both get tripped -- okay --
20 because we still have to have communications tests
21 every day at the beginning of every shift --
22 you've got to have somebody at both remote panels
23 while we do the testing at the boiler that confirm
24 that yes, indeed, we did get a response. So, in
25 this case here, there would be that communication

1 of go ahead and ensure the e-stops are reset to
2 start the boiler back up again. So to answer your
3 question very long winded-ly, yes, they would be
4 resetting the e-stops at both locations.

5 MR. BAUGHMAN: Is there ever a time
6 when both sections of the plant would be on break
7 at the same time and be away from the remote
8 panels, i.e., in a break room, so forth?

9 MR. TOTH: I'm not aware of any.

10 Mr. Meade, do you see any
11 situations -- I think during our talk, we had
12 somebody in those vicinities at all times, or at
13 least during that --

14 MR. MEADE: At all times. That is
15 correct.

16 MR. TOTH: At all times. Yeah.

17 MR. BAUGHMAN: Okay. That's good.

18 Is there any noise in these areas,
19 Mr. Meade?

20 MR. MEADE: One of these areas
21 where one of the panels is located, it can get a
22 little noisy, in terms of depending upon what
23 equipment is operating there. It's one of the
24 reasons why we have two visual and two audible
25 alarms. One is immediately at the remote station,

1 and one is removed. It's just on the other side
2 of the wall to where if the personnel in the area,
3 if there was any possibility of not seeing it or
4 hearing it there at the panel itself, then it's
5 visible just on the other side of the wall to
6 everybody else in the building.

7 MR. BAUGHMAN: Is hearing
8 protection required?

9 MR. MEADE: Only at -- at certain
10 times, we do have hearing protection in that area,
11 yes.

12 MR. BAUGHMAN: Of course, the next
13 question would be what decibel would the alarms be
14 at versus the hearing protection? The visual with
15 the alarms is great as long as those are tested on
16 a regular basis, because, as we know, we had one
17 customer who had an incandescent -- a screw-in
18 lightbulb for his visual enunciation and, of
19 course, the light bulb burned out. But at any
20 rate, henceforth, why the questions. So thank
21 you, Mr. Meade.

22 MR. MEADE: Yes, sir. And we test
23 every single day to verify that the visual and the
24 audible is functioning.

25 MR. BAUGHMAN: That's fantastic.

1 MR. TOTH: And just to put you at
2 ease, Mr. Baughman, while I go -- every client I
3 go to, I have a decibel sensor. And this
4 particular location, even though it was noisy in
5 that location, I was able to verify that the alarm
6 is louder than the location. And the location, I
7 want to say it was somewhere maybe in the 83 -- I
8 did not make a note of that, but I knew that it
9 was -- I think it was in that 83-decibel range.
10 And the alarm was much higher.

11 MR. MEADE: You are spot on with
12 your dB rating.

13 CHAIRMAN MORELOCK: Any other
14 questions or comments?

15 (No verbal response.)

16 CHAIRMAN MORELOCK: So I go back to
17 are we ready to make a motion and vote?

18 (No verbal response.)

19 CHAIRMAN MORELOCK: So do I have a
20 motion for a tentatively approved variance based
21 upon revisions to the manual to add in the pages
22 that have been shown to us at the meeting,
23 comments from this meeting, and a successful site
24 visit from the Boiler Unit?

25 MR. BAUGHMAN: So moved.

1 CHAIRMAN MORELOCK: So I have a
2 motion from Mr. Baughman. Do I have a second?

3 MR. HENRY: Second.

4 CHAIRMAN MORELOCK: Thank you
5 Mr. Henry. I've got a second. Any more comments
6 or questions?

7 (No verbal response.)

8 CHAIRMAN MORELOCK: Hearing none,
9 I'm going to call for the vote.

10 Mr. Baughman?

11 MR. BAUGHMAN: Aye.

12 CHAIRMAN MORELOCK: Mr. Henry?

13 MR. HENRY: Aye.

14 CHAIRMAN MORELOCK: Mr. Bowers?

15 MR. BOWERS: Aye.

16 CHAIRMAN MORELOCK: Gentlemen, you
17 have a tentatively approved variance. Thank you.

18 MR. TOTH: Thank you. Thank you,
19 gentlemen, we appreciate it.

20 CHAIRMAN MORELOCK: All right.
21 Thank you all.

22 That takes us to Item 9 on our
23 agenda, rule cases and interpretations. We do not
24 have any for this particular meeting.

25 Moving on to Item 10, which is open

1 discussion items, again, we do not have any
2 discussion items on our agenda for today.

3 MR. O'GUIN: Mr. Chairman?

4 CHAIRMAN MORELOCK: Yes?

5 MR. O'GUIN: I would like to brief
6 on something right quick.

7 CHAIRMAN MORELOCK: Okay.

8 MR. O'GUIN: During my report, I
9 don't think you-all heard the first part, the
10 reason we didn't report on the fourth quarter.
11 And that's going to be an annual year calendar.
12 Since the beginning of November, we've been having
13 some issues with our current operating system. We
14 did get that resolved on Monday evening. So we
15 didn't report those numbers due to we have a lot
16 of insurance files that haven't been approved yet.
17 And our inspectors haven't been able to input
18 their inspections from the first week of November.
19 So during the March meeting, we'll probably
20 backdate and catch the data from the fourth
21 quarter just so you-all kind of have that
22 information.

23 And, also, I would like to request
24 any emails being sent to the Boiler Unit going
25 forward that the assistant chief be cc'd on those

1 emails. That way if anybody is out on vacation,
2 you know, we can get the board members their
3 information timely. That's all I've got.

4 CHAIRMAN MORELOCK: Thank you,
5 Mr. O'Guin. That's some good information.

6 MR. BOWERS: This is Board Member
7 Harold Bowers. Is it all right to make a comment
8 at this time?

9 CHAIRMAN MORELOCK: Absolutely.

10 MR. BOWERS: I wanted to -- I know
11 I'd previously asked for or requested that the
12 variances, a list of variances, be put online.
13 And they are online; it works very well. I want
14 to thank the assistant commissioner and the boiler
15 staff for doing that. I know it's a lot of extra
16 work, and it -- of course it's a dynamic list.
17 It's changing all the time. But I really
18 appreciate the work that the Boiler Unit has done
19 to get that online, and Carlene also. And I want
20 to thank everybody to get that done. They did a
21 good job.

22 CHAIRMAN MORELOCK: I agree,
23 Mr. Bowers. That's a very good sentiment.

24 Any other comments or things people
25 want to say?

1 (No verbal response.)

2 CHAIRMAN MORELOCK: All right. I'm
3 going to move on to Item 11, which is announcement
4 of the next meeting, which will be on December the
5 16th at 9:00 a.m. Central time, which is next
6 week. And it will be on Zoom, as we are complying
7 with the COVID requirements and hoping for days
8 when we will meet face-to-face again. But as of
9 right now, we're going to use Zoom.

10 I do want to thank you-all for all
11 the effort it takes to pull all this together, and
12 I appreciate everybody's patience with me and
13 keeping me on track. And I appreciate all the
14 hard work that's gone into preparing the items, to
15 speak to the items. It's a great testament to our
16 ultimate task of promoting public safety.

17 And so with that said, I'm going to
18 move to Item 12, which is adjournment. And I hope
19 you-all have a great week, and I look forward to
20 meeting with you next Wednesday. This meeting is
21 adjourned.

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23

END OF THE PROCEEDINGS.

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C E R T I F I C A T E

STATE OF TENNESSEE)

COUNTY OF WILLIAMSON)

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

That the within is a true and accurate
transcript of the proceedings taken before the
Board and the Chief Inspector or the Chief
Inspector's Designee, Tennessee Department of
Labor & Workforce Development, Division of
Workplace Regulations and Compliance, Boiler Unit,
on the 16th day of December, 2020.

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

IN WITNESS WHEREOF, I have hereunto set my
hand this 25th day of January, 2021.



Cassandra M. Beiling

Cassandra M. Beiling, LCR# 371
Notary Public State at Large
My commission expires: 3/10/2024

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