

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

QUARTERLY MEETING OF
THE STATE OF TENNESSEE BOARD OF BOILER RULES
June 11, 2025

SHANA C. CRAWFORD, LCR

A-P-P-E-A-R-A-N-C-E-S:

David W. Baughman, Chairman, Board Member
Melissa Owens, Legal
Chance Deason, Legal
Jeffery Henry, Board Member
Micah Lashley, Board Member
Riley Collins, Board Member
Dewayne Scott, Deputy Commissioner
Mia-Lyn Wiley, Board Secretary
Tia Xixis, Tennessee Department of Labor
Thomas Herrod, Assistant Commissioner
Kenneth Nealy, Tennessee Department of Labor
Jimmy Watson, Tennessee Department of Labor
Alex Cass, Tennessee Department of Labor
Matthew Grove, Tennessee Department of Labor
Jamie Diefenbach, Executive Admin Assistant
Michelle Rosemore, Assistant to Melissa Owens
Mark Edwards, AXA XL
Earnest Ilour, Domtar
James Neville, Neville Engineering
Mike Hartsell, Maury Regional
Nick Chessey, Premier Boiler
Cori White, Tennessee Mills
Kolby Youell, Premier Boiler

A-P-P-E-A-R-A-N-C-E-S****Continued**

Gregory Burns, Domar

John Hayes, CCS

Shane McDavid, Universal Mechanical & Tool

Jeff Flanery, Universal Mechanical & Tool

Ronald McFall, Maury Regional

Matt Lawson, Triosim

Dustin Hemenway, Triosim

Mike Rouse, Triosim

Greg Buell, Domtar

Jason Persinger, Eco Lab

Michael Hancock, Turn2

Marty Toth, ECS Consulting

Branden Matue, FM Global

Shana C. Crawford, LCR

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*** Reporter's Note: All names are spelled
phonetically unless otherwise provided to the
Reporter by the parties.

A-G-E-N-D-A

1. CALL MEETING TO ORDER
2. INTRODUCTIONS AND ANNOUNCEMENTS
3. ADOPTION OF THE AGENDA
4. APPROVAL OF THE MEETING MINUTES AND TRANSCRIPT
(March 12, 2025)
5. BOILER UNIT'S REPORTS
6. OLD BUSINESS - None
7. NEW BUSINESS

A. Variance Requests:

• 25-05: Maury Regional Medical Center, in Columbia, TN, is seeking an Attendant Variance Approval to operate its two (2) existing high-pressure boilers (Cleaver Brooks) with new microprocessor-based remote-control systems (CB780E / CB120E). These new systems will adhere to the Board of Boiler Rules guidelines for Computerized Remote Monitoring of Boiler Systems.

• 25-06: Domtar Kingsport Mill, in Kingsport, TN, is seeking a Variance Approval to extend the internal boiler inspection interval from 12 months to 24 months for a 5-year period for its three (3) existing high-pressure boilers and two(2) economizers. This is needed to improve the

1 maintenance strategy of the Mill by aligning steam
2 outages in parallel with other utility and major
3 maintenance intervals.

4
5 B. TN Special:

6 • Tennessee Mills, in Livingston, TN, is
7 applying for a TN Special to operate its wood-fired
8 low-pressure boiler (Boilersmith LTD.) A heat source
9 for a dry kiln system to heat treat food-grade wooden
10 pallets, ensuring the removal of bacteria and
11 pathogens in accordance with sanitation and safety
12 standards required for food logistics and transport.

13
14 C. New Repair License Applications:

15 • Turn2 Specialty Companies, LLC (LaPorte, TX)
16 is applying for a license to engage in the erection,
17 repair, and/or alteration of boilers and pressure
18 vessels in the State of Tennessee.

19 • Triosim Corporation (White Pine, TN) is
20 applying for a license to engage in the erection,
21 repair, and/or alteration of boilers and pressure
22 vessels in the State of Tennessee.

23 • Universal Machine & Tool Co, Inc.
24 (Kingsport, TN) is applying for a license to engage
25 in the erection, repair, and/or alteration of boilers

1 and pressure vessels in the State of Tennessee.

2 • J&S Professional Services, LLC., (Paris, TN)
3 is applying for a license to engage in the erection,
4 repair, and/or alteration of boilers and pressure
5 vessels in the State of Tennessee.

6
7 D. BOARD CASES:

8 • BC 05-11 - Eastman Chemical (TN) Owner-User
9 Repair Form in lieu of NB "R" Form

10 • BC 12-18 - Extension to BC 01-15 - Routine
11 Repairs in TN - 2 Inquiries

12 • BC 25-01 - Extension to BC 01-15 and BC
13 12-18 - Mechanical Repairs - 2 Inquiries

14
15 E. BOARD APPROVAL REQUEST

16 • Fee Increases (TDLWD - Rules Chapter
17 0800-03-03-.14)

18 8. OPEN DISCUSSION

19 9. UPCOMING 2025 SCHEDULED QUARTERLY MEETINGS

20 • September 10, 2025

21 • December 10, 2025

22 10. ADJOURNMENT
23
24
25

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CHAIRMAN BAUGHMAN: Glad everybody is here. Welcome to the June meeting of the Board of Boiler Rules. Being that it's right on time -- actually, we are a minute over, we will call the meeting to order.

So with that, we will go over just some kind of housekeeping things. If there is an emergency, security personnel will come in, direct us to the exits that we need to very calmly go to. But they will be the ones that will direct us should there be a need for that.

Cell phones, please silence if you would. Mine of course was already. And with that, those are just a couple of the housekeeping items to be able to go over.

So if we would -- yes, sir, Mr. Chance, do you have a comment?

MR. DEASON: If I may, sir?

CHAIRMAN BAUGHMAN: Yes, sir.

MR. DEASON: Yeah, we have a lot of people here today. And I just want to say if you have a -- not if you're presenting, if you have business on the agenda, you don't have to sign up, but if you wish to comment on any of the items on the

1 agenda, we have a sign up sheet. Which Mia -- Lyn,
2 the lady in the sharp looking suit back there, has a
3 sign up on. And comments, we ask you to keep them to
4 around three minutes.

5 You can, at the Board's Chair
6 discretion, may or may not cut your off, he has that
7 gavel. But anyway, please keep it as brief as you
8 can due to the number of people we got. And please
9 keep it to -- we only allow comments on agenda items.
10 Thank you.

11 CHAIRMAN BAUGHMAN: Thank you
12 Mr. Deason, so with that, we will have the
13 introductions. I would like to have our roll call at
14 this time. If you would, Madam Secretary, please ask
15 for the roll?

16 MS. WILEY: Good morning Mia-Lyn Wiley,
17 Board Secretary.

18 Roll call: Chairman Dave Baughman.

19 CHAIRMAN BAUGHMAN: Here.

20 MS. WIEY: Riley Collins.

21 MR. COLLINS: Here.

22 MS. WIEY: Jeffery Henry.

23 MR. HENRY: Here.

24 MS. WIEY: Micah Lashley.

25 MR. LASHLEY: Here.

1 MS. WIEY: Mr. Scott is absent.

2 CHAIRMAN BAUGHMAN: Do we have a quorum?

3 MS. WIEY: Yes, sir, have a quorum.

4 CHAIRMAN BAUGHMAN: Thank you very much.

5 And introduction of other administrative members.

6 MS. OWENS: Melissa Owens, Legal.

7 MR. DEASON: Chance Deason, Legal.

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

10 MS. DIEFENBACH: Jamie Diefenbach,
11 executive admin assistant.

12 CHAIRMAN BAUGHMAN: Very good. All
13 right. So with that, we've got our board members and
14 administrative assistance roll call and those
15 identified that are here for the meeting.

16 Are there any other announcements to
17 make before we move on?

18 (No verbal response.)

19 Hearing none, we have will have an
20 adoption to the agenda. We do have one change to the
21 agenda to make note of, and that is J&S Professional
22 Services, LLC, out of Paris, Tennessee, is being
23 deleted from the agenda. And so just make note of
24 that. And that's the only change to the agenda that
25 I have.

1 Are there any other changes that need to
2 be made?

3 (No verbal response.)

4 Seeing none, do we have a motion to
5 adopt the agenda?

6 MR. LASHLEY: So moved.

7 MR. HENRY: Second.

8 CHAIRMAN BAUGHMAN: In favor?

9 IN UNISON: Aye.

10 CHAIRMAN BAUGHMAN: We have an approved
11 agenda.

12 Approval of the meetings and the
13 transcript for the March 12th meeting, that was quite
14 an extensive meeting. Are there any changes to those
15 minutes?

16 (No verbal response.)

17 All good? All right.

18 So motion to approve the meetings?

19 MR. LASHLEY: So moved.

20 MR. HENRY: Second.

21 CHAIRMAN BAUGHMAN: Favor, aye?

22 IN UNISON: Aye.

23 CHAIRMAN BAUGHMAN: We have an approved
24 meeting and transcript from the March 12th meeting.

25 Moving on to item Number 5, the boiler

1 unit report. So I would ask Chief Watson and
2 Assistant Chief Cass.

3 CHIEF WATSON: Good morning everybody.

4 ASSISTANT CHIEF CASS: Good morning.

5 CHIEF WATSON: I would like to start off
6 with some highlights of the boiler unit. We've had
7 two new who have an extensive background in the
8 boiler industry, Benjamin Knight, who started on 5/16
9 of 2025 and Donald Stewart is going to start with us
10 in mid August. We had Brian Appel, who was an
11 apprentice, just got his commission, so he makes
12 number four for our apprentice commission inspectors.
13 I just wanted to highlight those.

14 CHAIRMAN BAUGHMAN: Just a quick
15 comment, Chief.

16 CHIEF WATSON: Yes, sir.

17 CHAIRMAN BAUGHMAN: How are we standing
18 with staffing now as far as our inspectors? Are we
19 at -- or how are we looking as far as --

20 CHIEF WATSON: I believe right now,
21 those were the last pieces that we were looking for.
22 So we should be fully staffed now.

23 CHAIRMAN BAUGHMAN: That's great news.
24 Thank you.

25 CHIEF WATSON: No problem at all.

1 This next slide is showing the number
2 inspections. It's state versus insurance with the
3 top three insurance contributors. The State is
4 currently sitting at 14,880. Insurance is looking at
5 34,190 total, with Travelers, XLI and HSB being the
6 three top contributors of that.

7 All right. And this slide is just
8 showing a trend of our inspections from 2023 until
9 now. And 2023 we had a total of 15,364; '24,
10 14,525; and currently we are at 14,880 with trending
11 to be over 16,000 for our fiscal year. 52-week
12 summary, we are at 16,440.

13 All right. And on our delinquency
14 rates, we have currently dropped down the state to
15 2.74 percent and insurance is sitting at 0.87
16 percentage delinquent rate.

17 And this side right here is showing our
18 higher delinquent counties with Davidson, Coffee and
19 Lafayette being the bulk, but they are coming down
20 fairly quickly.

21 All right. This next slide we are
22 showing the open violations versus resolved
23 violations. The State is sitting at 497 violations
24 opened since July 1st, of '24. 647 closed. That's
25 when we stepped in close to the insurance and -- and

1 insurance has opened up 847 with 290 being resolved.
2 Travelers is 322 with 56 resolved. And XL is opened
3 up the second highest amount with 210 with zero
4 resolved currently.

5 So with that being said, we are already
6 at a point where we can get into the bill and start
7 getting these delinquent violations. And hope to get
8 that taken care of pretty soon and get it back down
9 to a more manageable number.

10 CHAIRMAN BAUGHMAN: Chief?

11 CHIEF WATSON: Yes, sir.

12 CHAIRMAN BAUGHMAN: Is there any
13 tracking of the violations to see if there is any
14 common trend toward violations? In other words,
15 seeing if the same type of violation is coming up?
16 I'm just curious if there is any tracking of those or
17 not?

18 CHIEF WATSON: It does show us in the
19 analytics of our JRS program. That's one good thing
20 about it is the connection to see where everybody
21 stands.

22 CHAIRMAN BAUGHMAN: Okay.

23 CHIEF WATSON: And for the bulk of the
24 insurance, it's looking like it's monitors for the
25 Co2 tanks is the bulk.

1 CHAIRMAN BAUGHMAN: Interesting.

2 CHIEF WATSON: Yes, sir.

3 CHAIRMAN BAUGHMAN: Very good. I was
4 just curious on that.

5 CHIEF WATSON: Yeah, no problem.

6 CHAIRMAN BAUGHMAN: Thank you.

7 CHIEF WATSON: No problem, sir.

8 ASSISTANT CHIEF CASS: So for the
9 variance report, currently we stand at 84 active
10 variances across the State. Since our last meeting
11 we had four variance inspections performed and all
12 four of those passed.

13 The floor inspections we had were UT
14 Health and Science, Memphis. We did Mueller
15 Manufacturing, Evonik Corporation and Cookeville
16 Regional Medical Center. It looks like we had four
17 places that had expired. And Chief Watson reached
18 out to these places and we are still waiting for a
19 reason why they didn't choose to restate their
20 variance.

21 MR. LASHLEY: Quick question: Were any
22 of these reinspections?

23 MR. CASS: So --

24 CHIEF WATSON: I think all of them were.

25 MR. CASS: Cookeville Regional was not a

1 reinspection.

2 CHAIRMAN BAUGHMAN: And that was the one
3 that got the new burners there at Cookeville?

4 MR. CASS: I believe so.

5 CHAIRMAN BAUGHMAN: Thank you for that.
6 Yeah.

7 Very good, Micah, anything else?

8 MR. LASHLEY: No.

9 CHAIRMAN BAUGHMAN: I will just make
10 comment -- is there anything else on the report?

11 CHIEF WATSON: The variance report? No,
12 that will conclude the variance report.

13 CHAIRMAN BAUGHMAN: For one, I would
14 just like to make comment on good job on both state
15 and insurance on getting that delinquency rate coming
16 down and trending. That's fantastic. That's really
17 the direction we are wanting to see on that.

18 Any other comments for the Chief and
19 Assistant Chief?

20 (No verbal response.)

21 Very good. Good report.

22 CHIEF WATSON: Thanks everybody.

23 CHAIRMAN BAUGHMAN: Yeah, thank you two.
24 Just for comment, I'm liking the way these reports
25 are being documented and presented now. It's helpful

1 to everybody.

2 All right. Going to Item Number 6, any
3 old business? I list none, but I would take it that
4 there is none.

5 Moving to Number 7, new business. That
6 takes us to the first item which would be 25-50 Maury
7 Regional Medical Center Columbia seeking an attendant
8 variance approval to operate its two boilers.

9 So if you would please come to the
10 podium. Mr. Neville, it's good to see you.

11 MR. NEVILLE: Good to see you.

12 CHAIRMAN BAUGHMAN: Your brothers there
13 from Maury Regional.

14 MR. NEVILLE: I do have an additional
15 hand out to appendix A. Hand that out now.

16 MR. HERROD: Could y'all please
17 introduce yourselves? It will make it easier for
18 her.

19 MR. HARTSELL: I'm Mike Hartsell. I'm
20 the energy manager for Maury. I'm a contractor, but
21 we have a 25-year contract with them to manage their
22 energy assets starting about 25 years ago. So I'm
23 the manager in the plant now.

24 MR. MCFALL: My name is Ronald McFall, I
25 represent Maury Regional Medical Center. My

1 director, Richard Dunn was not able to make it, so
2 I'm in his place as representative.

3 CHAIRMAN BAUGHMAN: So you will be there
4 the next 23 years.

5 MR. MCFALL: Well, if medicine gets
6 better between now and then I probably will be a few
7 years anyway.

8 CHAIRMAN BAUGHMAN: Well, I'm glad your
9 both here. Mr. Neville, I'm glad that you are here
10 helping make the presentation.

11 So if you would, go over what it is that
12 your proposing.

13 MR. NEVILLE: I'm James Neville, with
14 Neville Engineering. Maury Regional Medical Center
15 is applying for a modification to their existing
16 variance. They have updated boiler number two. I
17 have passed out appendix A, which shows its updated
18 information on that boiler.

19 That is really the only major change to
20 the variance, that introduction of that new boiler
21 using Hawk 4000 controller. And I believe the other
22 updates were the individual responsible for the
23 boiler Dylan Dunn is the member there.

24 So that's really the only changes to the
25 modification to this variance.

1 CHAIRMAN BAUGHMAN: Very good. So any
2 conflicts of interest to be declared?

3 None.

4 So do I have a motion to discuss?

5 MR. HENRY: So moved.

6 CHAIRMAN BAUGHMAN: Second?

7 MR. COLLINS: Second.

8 CHAIRMAN BAUGHMAN: So being that you've
9 had a previous variance, is this being considered
10 a -- and we replaced a boiler, correct? So we've got
11 a new boiler in there?

12 MR. NEVILLE: That's correct.

13 CHAIRMAN BAUGHMAN: So the existing
14 boiler is still there and it's part of this variance
15 also?

16 MR. NEVILLE: No. So boiler two was
17 replaced with this new boiler with the details that
18 are -- were handed out.

19 CHAIRMAN BAUGHMAN: Uh-huh. But the
20 other boiler was under a variance as well?

21 MR. NEVILLE: Yes, that is correct.

22 CHAIRMAN BAUGHMAN: So my question is:
23 This variance is for -- this new variance or
24 modification to --

25 MR. NEVILLE: It was a modification to

1 this variance with a new boiler. So the procedure --
2 since that boiler was replaced, you know, we detailed
3 what boiler was replaced.

4 CHAIRMAN BAUGHMAN: Uh-huh.

5 MR. NEVILLE: Boiler number two. So I
6 believe our -- in our checklist, we had define --

7 CHAIRMAN BAUGHMAN: That's what I was
8 looking for was the --

9 MR. NEVILLE: So if you will look at
10 item nine on I-2 in the checklist, we identified as a
11 modified variance with one new boiler.

12 CHAIRMAN BAUGHMAN: Very good. And I'm
13 taking it that's the proper way to do it, albeit the
14 boiler has been replaced. So we've got one boiler
15 that's existing, which to me would kind of be a
16 renewal, and the new boiler would not fall under
17 modified because it's a new boiler with new controls.

18 But it may be semantics, it doesn't
19 really, to me, matter a bunch but it's just kind of
20 given the definitions. In my mind, I'm just thinking
21 about precedence and so forth. We've got one boiler
22 that is previously on there, if it is being renewed,
23 that would be a renewal. If we've got a new boiler
24 that's being in there --

25 MR. NEVILLE: It -- I mean, we can --

1 CHAIRMAN BAUGHMAN: We will keep it the
2 same not to confuse, sorry.

3 So with that, I take it the we've got
4 the new information that was just given to us in this
5 appendix number. The boiler has already been
6 inspected and tagged --

7 MR. NEVILLE: Yes.

8 CHAIRMAN BAUGHMAN: -- with its license.
9 Who was the inspector?

10 MR. NEVILLE: Don't make me lie. I
11 don't think I was there that day. One of my techs
12 did that, engineers. So I can't tell you.

13 CHAIRMAN BAUGHMAN: That's okay. Do
14 Chief or Assistant Chief, do either one of you know?

15 CHIEF WATSON: I can look it up if you
16 have that vessel number?

17 CHAIRMAN BAUGHMAN: Just for my records
18 I would like to know who the original inspector was.

19 Questions for the gentleman?

20 MR. COLLINS: I have a question. On
21 page four where it mentions the panel at the remote
22 station. I'm just curious, does that panel -- does
23 it have -- is it one panel for both boilers and each
24 boiler having it's e-stop? Or are there two separate
25 panels for each boiler?

1 MR. NEVILLE: I mean, they are -- it's
2 one panel with two e-stops.

3 MR. MCFALL: It's got two e-stops.

4 CHAIRMAN BAUGHMAN: In the boiler room
5 itself, is there one e-stop?

6 MR. MCFALL: There are -- we've got a
7 e-stop in each entry and one on each boiler so there
8 is all together 1, 2, 3, 4, probably 7 e-stops.

9 CHAIRMAN BAUGHMAN: At the point of --

10 MR. MCFALL: Yes.

11 CHAIRMAN BAUGHMAN: I guess my lead into
12 that was, one e-stop shuts both boilers off.

13 MR. MCFALL: Yes.

14 CHAIRMAN BAUGHMAN: Is there any
15 communications capabilities with the control system?
16 In other words, that system has got remote resets and
17 so forth, and so can you reset this from the
18 computer?

19 MR. MCFALL: Not currently.

20 CHAIRMAN BAUGHMAN: Not currently.

21 MR. MCFALL: At some point in the future
22 -- the boilers are standalone other than the remote
23 alerts. Part that what we are doing is modernizing
24 some of that stuff, and it will be included in a
25 remote monitoring bin.

1 So whether it will be remote reset
2 capable or not, I personally wouldn't want to do
3 that. Because I would -- it's a high-pressure steam
4 boiler I want someone on site. I want to know what
5 happened to it before I press the button to start it
6 back up. So right now it is not there. Even if they
7 put it in, I probably would not implement it.

8 CHAIRMAN BAUGHMAN: Well, if it does get
9 put in, it won't pass.

10 MR. MCFALL: So that's -- all right. We
11 can take care of that.

12 CHAIRMAN BAUGHMAN: There you go. Just
13 kind of leading into that and want to make sure that
14 we didn't have that capability and we won't move
15 forward with that capability.

16 MR. MCFALL: You got it.

17 CHAIRMAN BAUGHMAN: Very good.

18 MR. NEVILLE: We do have the inspectors
19 name. Randall Kelly was the inspector on that.

20 CHAIRMAN BAUGHMAN: Very good. Thank
21 you, James.

22 MR. COLLINS: On page 6 where it's going
23 over the emergency duties for the remote station
24 personnel.

25 MR. MCFALL: Yeah.

1 MR. COLLINS: On item 3, I didn't know
2 if this was like a copied and past sentence. It
3 says, "Upon notification of an alarm, the Boiler
4 Attendant shall contact the remote station to
5 acknowledge the alarm within five minutes." I know
6 during that scenario, both are going to be in
7 conversation with each other. But the next sentence
8 says, "If the remote station personnel are unable
9 communicate with the Boiler Attendant," I didn't know
10 if that was the remote station personnel contacting
11 boiler attendant acknowledging the alarm, considering
12 it's under the remote station personnel?

13 MR. MCFALL: That would be the -- the
14 remote station would then contact someone else.

15 MR. COLLINS: Okay.

16 THE WITNESS: So that is a little
17 squirrely in there. But if you didn't get ahold of
18 the attendant, then the attendant doesn't know to
19 call anyone. So it is remote -- for Maury it is --
20 the PBX would then go down the list to contact
21 someone else.

22 MR. COLLINS: Okay.

23 MR. HENRY: You mentioned "PBX," what
24 does PBX stand for?

25 MR. MCFALL: That's an old term it's the

1 operators, telephone operators.

2 MR. HENRY: Okay. Do you have the
3 unit that the controller shuts off, does it shut off
4 both units or do they both come off?

5 MR. MCFALL: Yeah, if -- for the remote
6 stops, it shuts down both units. So each boiler will
7 do a local alarm which will sound at the operators
8 that only shuts down that one. So it depends on the
9 type of the alarm, or the type. One is not going to
10 shut down both currently.

11 MR. HENRY: Okay. On page 7 you talk
12 about the boiler attendant. It says, "The boiler
13 attendant is a trained qualified individual that is
14 designated to operate or monitor the boilers." Does
15 that mean the boiler attendant is a trained operator,
16 boiler operator?

17 MR. MCFALL: We -- and we have kind of a
18 modified staffing plan there. I have two stationary
19 engineers. I started out my life as a license
20 stationary engineer in Shelby County, so it's -- so
21 I've been through this process for a long, long time.
22 And because we don't require that in other counties
23 here, they are not licensed, but they -- they are we
24 have a pretty -- pretty good training program for the
25 text that are -- the stationary engineers that are

1 onsite with me all of the time, there are two of
2 those. Each of those has a minimum of at least ten
3 years in that plant. So they are fully -- they teach
4 me things that I don't know. So there are absolutely
5 qualified to operate there.

6 Second and third shift people, we bring
7 in and train. We will take their shift people that
8 do -- they are the ones that at midnight go do the
9 safety checks. Other than that, we do all of them.

10 And we make sure -- we run them through
11 and make sure we give them refreshers every few
12 months. And before we go onsite to actually do that
13 for the first time, we keep them and do --- keep them
14 for a couple of weeks and make them do that every
15 single day. So fairly decent training for shift
16 engineers to be able to make sure they know what they
17 are doing before they get stuck in it in the middle
18 of the night.

19 MR. HENRY: So would you say they know
20 what they are doing? They understand how the boiler
21 operates?

22 MR. MCFALL: Yes.

23 MR. HENRY: Okay. Now, is that in the
24 circumstance that are indicated here? A boiler
25 shutdown, the alarm goes off, the remote personnel

1 try to contact the boiler attendant who is working at
2 this particular time, they can't get him or her then
3 they start at the call list?

4 MR. MCFALL: Right.

5 MR. HENRY: That kind of assumes the
6 boiler attendant will have similar training; is that
7 true within --

8 MR. MCFALL: Correct. Anybody -- the
9 call list really goes up the ladder instead of down
10 the ladder. So if someone doesn't respond, then they
11 are going to contact me. So I'm the next one.

12 Then they are going to go for him at the
13 hospital side, and then if he's not there, they will
14 go to the director of facilities. So it's an up list
15 not a down list to -- I'm not going to get -- the
16 actual operator wasn't there, so I'm not going to
17 call Fred from EBS to come over and take a look at
18 it. We are going to go up instead of down always.

19 MR. HENRY: That makes good sense. I
20 guess my only question is: Does everybody on that
21 call list at least have some fundamental
22 understanding?

23 MR. MCFALL: Absolutely. Absolutely.

24 MR. HENRY: Thank you.

25 MR. MCFALL: Yes, sir.

1 MR. COLLINS: On page 8 under emergency
2 duties, item number 1, it mentions that, during a
3 shift -- yeah, during a shift, if an alarm condition
4 occurs, they will shut down the boiler and call the
5 attendant's mobile phone. I didn't know if -- I
6 notice the actual emergency procedures in the
7 highlighted page, the first thing they would do is
8 use the two-way radio system. So I'm just making
9 sure that they first did the two-way radio system and
10 then did the -- I mean, they can do both. But I want
11 to make sure that both forms of communications is in
12 there. Or is that what is indicated with enunciate
13 at the remote station?

14 MR. MCFALL: We can add radio in that so
15 that both things of communication are --

16 MR. HARTSELL: The standard procedures
17 they do us, and most of switch board operators have
18 cell phone numbers of each personnel so they can call
19 the cell phone if they need to.

20 MR. COLLINS: Got it. Thank you.

21 CHAIRMAN BAUGHMAN: So the daily
22 operation of the boilers, they are going through a
23 positive check of low water cut off?

24 MR. MCFALL: Every eight hours.

25 CHAIRMAN BAUGHMAN: Very good. Not just

1 operator shut, but physically making them turn off?

2 MR. MCFALL: My first day there, I asked
3 them why they turned off a perfectly good boiler.
4 It's not -- so no, they are doing it every time and
5 have those boilers shut down.

6 CHAIRMAN BAUGHMAN: Very good. I'm glad
7 to hear that.

8 MR. LASHLEY: And are the remote
9 station, are they made aware of that test prior or
10 are they --

11 MR. MCFALL: We do it two ways. For the
12 low-water test, we notify them ahead of time to
13 disregard that. And then we do a flame failure test,
14 and for that one, we do not notify them. So they
15 have to contact us back before so we can tell them to
16 reset those boilers.

17 MR. LASHLEY: Are they done in sequence?

18 MR. MCFALL: They are done in sequence,
19 yes. And then periodically then I will go through --
20 just to keep it random, go through and push an e-stop
21 at the door just to make everyone a little extra:
22 Hey, let's run to the boiler room and see what's
23 going on.

24 CHAIRMAN BAUGHMAN: Something to think
25 about.

1 MR. MCFALL: So that piece is random.
2 The rogue part of it is every eight hours we do a
3 low-water test that they know about and shut down.
4 And do a flame failure test just -- and make them --
5 just to make sure that they actually are listening --
6 or looking at the board and pick up that phone and
7 know how to push that button.

8 CHAIRMAN BAUGHMAN: Communications was
9 mentioned earlier through the radios and so forth.
10 From a communication standpoint to the controllers,
11 do we have internet capabilities on these to
12 communicate with?

13 MR. MCFALL: Not -- not at the moment.
14 We are -- part of what we are doing is implementing
15 that. A -- right now it's a dial out from the -- to
16 everyone, except for the hardwire to the remote stops
17 at the operators room.

18 We are adding a -- our company is
19 putting in a 24-7 manned operation center so that any
20 alarms -- we are putting in those alarms via
21 internet. And basically any alarm gets an actual
22 person offsite calling in looking for -- going down
23 our list of people to notify on that alarm.

24 And the select number, whoever we pick
25 do all of that, will get texts -- a text an e-mail on

1 any alarm that happens in that plant.

2 CHAIRMAN BAUGHMAN: Very good.

3 MR. MCFALL: That is the chiller side
4 and the boiler side.

5 CHAIRMAN BAUGHMAN: You guys are ahead
6 of the curve from a technology standpoint, it's
7 pretty need. Do you have the capabilities of
8 remotely changing set pressures somewhere down the
9 road?

10 MR. MCFALL: If it's in that software, I
11 don't know. I've never seen any of it because it's
12 not been implemented yet for us, so I have not seen
13 it. We're not -- that's not something that we would
14 do. I mean, we are a pretty standard operation. We
15 are going to have 90 pounds there and that's what we
16 are looking for and we are not going to -- we don't
17 change it periodically.

18 So I -- from a safety standpoint, I
19 can't imagine using something like that. If I am
20 changing the pressure, I want someone, an attendant
21 standing in front of that boiler while it happens.

22 CHAIRMAN BAUGHMAN: I guess what it
23 leads up to is: You guys wouldn't do it, but if it's
24 got internet capabilities and so forth, can somebody
25 else hack into it and so forth?

1 MR. MCFALL: Yeah.

2 CHAIRMAN BAUGHMAN: That is kind of
3 where it is going. You know, so many things are
4 password protected and we all know the ramifications
5 of some of that in this industry.

6 MR. MCFALL: Yeah. I really look at the
7 boiler. For us the chiller piece is different. You
8 know, we are going to -- for cold, we can do a lot of
9 stuff for that.

10 For boilers, the safety -- honestly, I
11 don't care what the pressure is on the high-pressure
12 boiler is whether it's 15 pounds or 150 pound or
13 2,000, you can get burned to death. So I am much
14 more safety conscious. I don't want anybody messing
15 with something remotely. I'm old school.

16 CHAIRMAN BAUGHMAN: Sure.

17 MR. MCFALL: I mean, I want someone
18 looking at that boiler before we make a change to
19 that.

20 CHAIRMAN BAUGHMAN: I understand what
21 you want. I am just making sure that as the
22 discussions come about where we are at presently and
23 then where we are at in the future.

24 MR. MCFALL: Yeah, the future system,
25 the main point for that is monitoring.

1 CHAIRMAN BAUGHMAN: Okay.

2 MR. MCFALL: It's to -- we've got sites
3 all over the country and when someone -- we learned
4 from our mistakes as a company, hopefully everyone
5 does, where a shift engineer was found not available
6 at some point for some time at some remote place, you
7 got to fix those things. And our answer was, we are
8 going to go national call center with all of the data
9 going into it so that we can control a little better
10 and make sure somebody knows what's going on in the
11 plant.

12 CHAIRMAN BAUGHMAN: Very good appreciate
13 that. Any other comments? Questions?

14 (No verbal response.)

15 All right. Do I have a motion?

16 MR. HENRY: Motion that we accept the
17 modified variance.

18 CHAIRMAN BAUGHMAN: All right. We have
19 a motion to accept the modify variance. Do I have a
20 second?

21 MR. COLLINS: Second.

22 CHAIRMAN BAUGHMAN: Call the vote. All
23 in favor?

24 IN UNISON: Aye.

25 CHAIRMAN BAUGHMAN: Abstentions?

1 (No verbal response.)

2 CHAIRMAN BAUGHMAN: Gentleman, you have
3 a contingency upon inspection by the inspector.

4 MR. MCFALL: Thank you.

5 CHAIRMAN BAUGHMAN: Thank you very much
6 for your time.

7 All right. Everybody good? Good on
8 time.

9 Moving on to the next item on the
10 agenda. We've got item number 25-06, Domtar
11 Kingsport Mill, Kingsport, Tennessee. Seeking a
12 variance approval to extend its internal boiler
13 extension interval from 12 months to 24 months for a
14 five-year period for its existing three boilers and
15 two economizers.

16 Can I have the gentlemen come to the
17 podium to present, please? I guess you other two can
18 stand or grab a seat.

19 Very good. If you will introduce
20 yourselves, please.

21 MR. ILUORE: My name is Earnest Ilour.
22 I am the maintenance and engineer manager of the
23 Kingsport Mill.

24 MR. BUELL: My name is Greg Buell. I'm
25 the power utilities superintendant for Kingsport

1 Mill.

2 MR. BURNS: My name is Gregory Burns, I
3 am the director for power and recovery and energy
4 optimization for Domtar Corp.

5 MR. PERSINGER: My name is Jason
6 Persinger. I am the water treatment consultant at
7 Domtar, Kingsport.

8 MR. FLANARY: I'm Jeff Flanary. I'm the
9 pressure vessel coordinator at the mill, third-party
10 pressure vessel coordinator.

11 CHAIRMAN BAUGHMAN: Quick comment, you
12 say "third party," what does that mean?

13 MR. FLANARY: I do actually work for
14 Domtar, I am a contractor.

15 CHAIRMAN BAUGHMAN: For?

16 MR. FLANARY: Universal Machine and
17 Tool.

18 CHAIRMAN BAUGHMAN: Universal Machine
19 and Tool, thank you.

20 All right. I will call any conflicts of
21 interest on this item?

22 (No verbal response.)

23 None.

24 Motion to discuss?

25 MR. HENRY: So moved.

1 MR. LASHLEY: Second.

2 CHAIRMAN BAUGHMAN: Second. All right.

3 Gentlemen, please propose your -- or
4 discuss your proposal, please.

5 MR. BUELL: So, actually it says three
6 boilers, we are only asking for a variance on one
7 boiler.

8 CHAIRMAN BAUGHMAN: We will make that
9 change here on the agenda just striking the three and
10 just putting one.

11 Thank you.

12 MR. ILUORE: And that's the Number 2
13 Power Boiler. It used to be a recovery boiler in the
14 past. And we have all been diligent with our on-line
15 inspections. Right now we are trying to go with
16 24-months inspection to give us better strategy to
17 monitor and asses the mill. So that's the main
18 reason we are asking for this extension.

19 We have done a lot of modifications in
20 the past for the -- what used to be a very common
21 boiler, to make it a power. So we have less -- we
22 believe it was designed -- more satisfied with,
23 instead of 24 months to meet the needs of the
24 obligation so we can safely do an honest inspection
25 comes of --

1 MR. BUELL: This boiler provides up to
2 600,000 pounds per hour of steam and will shut the
3 entire facility down for its inspection. We have a
4 second boiler that only produced 3,000 and does not
5 support the entire facility. We will continue to
6 take that boiler down annually. But this Number 2
7 Boiler, we are requesting for a 24-month variance.

8 CHAIRMAN BAUGHMAN: Very good. So
9 Domtar had a previous variance back years ago.
10 Actually, the first variance of its kind for back
11 then, originally proposed 2014, got voted on in 2015.
12 But that expired. And so I'm curious as to why it
13 wasn't kept up?

14 MR. BUELL: So when we started the mill
15 back up in 2022, we had the 18-month. After we did
16 that 18-month inspection in 2024, the maintenance and
17 engineering manager who was handling the extension
18 left the company. It got transferred, the
19 responsibility, to an engineer who subsequently left
20 the company. Earnest has since joined and it fell in
21 his lap and here we are. We are scrambling to get
22 this taking care of.

23 CHAIRMAN BAUGHMAN: The impatience
24 behind this is really the cost savings, correct?

25 MR. BUELL: Correct.

1 CHAIRMAN BAUGHMAN: So what I'm looking
2 at is: Does it keep safety at the status quo or add
3 to safety? I understand the commerce and the money
4 side of the proposition, but we as a Board look at
5 things from the safety standpoint. And understanding
6 the economics behind it that, that in our minds -- my
7 mind, I can't speak for the Board, does it keep
8 status safety quote or add to safety? So that is
9 kind of what we will be discussing at this end of
10 things.

11 So the original variance was in 2015,
12 that variance. Do you know if it was for two years
13 or three years and what the renewal on it? Do you
14 gentleman know?

15 MR. BUELL: I remember a two year and we
16 renewed every year, I think it was 18 months, for a
17 couple of inspections after the two year. And this
18 last previous was 18 months. And we've been renewing
19 those after every site.

20 CHAIRMAN BAUGHMAN: So I went back and
21 Jamie, back here behind the TV, sent me the minutes
22 from the 2015 -- 2014/2015 discussion. The original
23 variance was for 18 months.

24 MR. BUELL: Okay.

25 CHAIRMAN BAUGHMAN: So we are now

1 looking at going from 18 months to 24 months on a
2 five-year approval. I'm just making sure that I
3 understood exactly what we are proposing here.

4 So we are extending the original
5 proposal out by another six months?

6 MR. HENRY: Just for clarification,
7 Mr. Chairman, the original variance was for a
8 recovery boiler, right?

9 MR. BUELL: That's for a recovery
10 boiler.

11 CHAIRMAN BAUGHMAN: The recovery boiler
12 was a liquor --

13 MR. HENRY: Black liquor.

14 CHAIRMAN BAUGHMAN: Black liquor at the
15 time. It's been converted to forced draft. You do
16 have fuel oil capabilities with it also, do you not?

17 MR. BUELL: We do have that capability,
18 but it is not currently in service.

19 CHAIRMAN BAUGHMAN: But it is at least
20 capable? You've got natural gas/number 2 oil?

21 MR. BUELL: It is number 2.

22 CHAIRMAN BAUGHMAN: Very good. Thank
23 you.

24 Are any of the original personnel there
25 from the original --

1 MR. BUELL: Myself and probably half of
2 our operators are original personnel.

3 CHAIRMAN BAUGHMAN: Okay.

4 MR. BUELL: And I say "myself," I've
5 been there for ten years, not for the existing length
6 of time the boiler was done.

7 MR. PERSINGER: I was on the original
8 start up team of that boiler, so I've been there.

9 MR. FLANARY: I was on the construction
10 group of it, so I helped construct it.

11 CHAIRMAN BAUGHMAN: So you guys are
12 guilty by association.

13 I will just make note in the boiler
14 system overview under boiler -- under Number 1,
15 Boiler System Overview, it shows the year built of
16 this boiler being 2002. The P3 data reports show the
17 boiler being built in 2001. I'm anticipating that
18 the installation was 2002. But just so you know,
19 year built was 2001. So that correction can go into
20 the paperwork its self.

21 It's due for an internal inspection
22 presently.

23 MR. BUELL: Correct.

24 CHAIRMAN BAUGHMAN: Last internal was
25 March of 2024. So in the paperwork, in back it lists

1 the R-stamp work. Let's see, I know there was a
2 cover page for it.

3 But it's R-stamp, and it says:
4 Contractor's report. And what I was looking for --
5 and I'm trying to find it. I'm sorry, I didn't write
6 that -- form R-1 supplied by construction contractor
7 that performs the repair at the mill. So following
8 up with that, I'm looking for the R-stamp repairs.

9 I see some of the material data sheets
10 for the metal that's been produced and put in at the
11 boiler, so forth and so on. But it was listed or
12 comment was made that no -- no real repairs had been
13 done on the boiler as such as far as R-stamp.

14 But in that picture under boiler
15 records, on 3A, there is a rather dark picture,
16 boiler data sheets/plate information. And not really
17 legible, but under a -- I'm looking at them closer.
18 There's actually at least five R-stamps that are
19 attached to the boiler vessel itself.

20 MR. FLANARY: I think what we are
21 intending in the last inspection is there was no
22 R-work done. Previously to that, there are R-work
23 done and that's why you got the repair tags on the
24 boiler.

25 CHAIRMAN BAUGHMAN: Very good.

1 MR. FLANARY: But the last inspection,
2 there was no R-work done.

3 CHAIRMAN BAUGHMAN: But previous to the
4 last inspection, there had been R-stamp work done.
5 We don't know -- I guess what I'm getting at is: I'm
6 curious as to what R-stamp work was done. And when I
7 looked at the inspection, the R-stamp tags on those
8 companies that's did the repair, which were various
9 companies, it's not the same companies each and every
10 time, only one of those tags is licensed in the State
11 of Tennessee to do R-stamp repairs. They have their
12 R-stamp, they just don't have their Tennessee state
13 license.

14 So I printed that license list out, just
15 to make sure as I was going over it in the office and
16 in the hotel room last night, in case I missed
17 anything going over it again. So there has been
18 repairs done to the boiler. Potts is listed in here
19 a number of times. There are different companies
20 listed. National, which is out of Trenton, Georgia,
21 is licensed in the State of Tennessee. But I didn't
22 find any of those others that have their R-stamp
23 affixed to the boiler that have their Tennessee
24 license. Just so we know.

25 That's one of the things we've got on

1 the agenda list coming up, these folks applying for
2 the license, paying for the license and so forth.

3 Do you guys have any comments on that?

4 MR. ILUORE: Well, I know we have plans
5 -- if this variance gets approved, we have plans to
6 get with the inspectors and repairs that have
7 licensed in Tennessee. I can't speak a lot on five
8 years ago repairs, but my engineers are working
9 diligently to ensure that everyone on that work list
10 is satisfied to work in Tennessee.

11 CHAIRMAN BAUGHMAN: Very good. I went
12 back to look at the previous variance that was
13 proposed, and that list of repair tags was not part
14 of -- we weren't afforded those pictures, or this
15 same question would have come up at that same time of
16 that hearing.

17 Thank you.

18 Guys I can keep going, but I would
19 rather you guys --

20 MR. HENRY: I have a couple of
21 questions. Who did the engineering on the redesign
22 of the?

23 MR. BUELL: Andritz.

24 MR. HENRY: Andritz. And you've got a
25 lot of good information on the prior inspection. Did

1 Andritz provide any guidance with the change that
2 you've got going through the recovery boilers and the
3 boiler requiring natural gas? There is going to be
4 some changes, or did they give any guidance on where
5 maybe new years of that inspection should be based on
6 the changes? Other than just using old pattern of
7 inspection that you did on the recovery boiler, may
8 not necessarily apply to the redesign.

9 MR. BUELL: Correct. If there is
10 documentation, I not aware of it. And they -- PSA is
11 our normal inspector and they will do whatever
12 inspection we ask for and then what they believe
13 needs to be done on top of that.

14 MR. HENRY: Once they instruct it, going
15 back and looking at some of their inspections, they
16 are -- we all agree are extensive inspections which
17 you have to do with recovery boilers. I'm not sure
18 it's quite so critical with the power boilers.

19 But I was wondering if Andritz didn't
20 provide some guidance on where the areas that they
21 would be most concerned with? That would be helpful
22 in a renewed inspection giving us as greater field
23 position.

24 MR. BUELL: I would have to go back and
25 look at all the documents. I don't know of any off

1 of the top of my head.

2 MR. ILUORE: Just to add to that too,
3 when I went through the combustion, I did see like
4 satisfactory notes between Andritz and Domtar on the
5 inspections done by PSA. Then of this variance, I
6 also spoken within PSA and they got in the next
7 inspection we went through the audit of the boiler
8 existence and also what our insurance provider
9 recommended to us on inspection to make sure we are
10 align to what the -- for the boiler inspection.

11 MR. HENRY: Okay. But and I've been
12 involved in some of these types of conversions
13 before, and for example, one of things that have come
14 up is the temperatures got much higher than they
15 should have been in the recovery boiler operation.
16 And I understand there is some kind of issues with
17 the handcuffs in the -- is that a Legacy problem?

18 MR. BUELL: That's a Legacy problem.

19 MR. HENRY: Okay. So that's not a new
20 problem.

21 MR. BUELL: The circulatory part of the
22 boiler is pretty much identical. The temperature
23 controls that super heater temperature and it dials
24 into the set point that the operator puts in.
25 Overheating is not an issue in the super heater.

1 MR. HENRY: Have you had to spread more
2 since the conversion?

3 MR. BURNS: No. Andritz did do a full
4 review when they did the design changes. They did
5 predictions on exit gas temperatures all of the way
6 through the system. And if they had felt the
7 metallurgic change -- because it's -- gas temperature
8 can go up.

9 MR. HENRY: Right.

10 MR. BURNS: And they -- in other jobs
11 that I've also done, we've absolutely changed
12 metallurgy in the super heater and we did not deem it
13 necessary for this boiler.

14 MR. BUELL: They actually did change the
15 metallurgy on the power boiler and we changed the
16 entire super heater section out because of the design
17 changes that they were making.

18 MR. HENRY: Thank you, appreciate it.

19 CHAIRMAN BAUGHMAN: So in your
20 meeting -- the meeting previously, back in 2015, Dr.
21 Contango had quite a few comments about the bowing of
22 some of the tubes, the concern over carbon steel and
23 creep, once we get above 725, 750 on the pressures,
24 which are getting on up. So there was quite an
25 extensive conversation regarding the metallurgy.

1 I'm just going to make some quick
2 comments as I'm going through my notes. Calhoun's
3 plant submitted their documentation recently. And
4 one of the things that we require in our guidelines
5 is that the checklist be filled out and submitted.
6 It makes it easier for us to have reference for the
7 pages to go through and so forth. But there has been
8 no checklist with this variance submitted.

9 So in the manual itself, I printed off
10 the checklist. It's on the website itself, but there
11 is not one that's submitted -- at least with the
12 documentation that I've got.

13 Mr. Collins, do you have your's for this
14 particular one?

15 MR. COLLINS: Uh-huh.

16 CHAIRMAN BAUGHMAN: I was lacking mine.
17 I'm sorry that I did not have it in my manual itself.
18 Did you all have your checklist?

19 MR. COLLINS: I printed my own off.

20 CHAIRMAN BAUGHMAN: Printed your own.
21 Very good.

22 MR. COLLINS: Sorry.

23 CHAIRMAN BAUGHMAN: It's okay. It's to
24 be submitted with the application or the manual
25 itself.

1 MR. BUELL: This is a checklist that you
2 use as you go through the process?

3 CHAIRMAN BAUGHMAN: It's actually for
4 both. It is a checklist that you fill out that shows
5 all of these different items that also gives us a
6 reference page for that checked item so that we can
7 go back through and have a quick reference back into
8 the manual itself.

9 MR. ILUORE: Yeah, we didn't use a
10 checklist to put everything together. So it is just
11 an oversight to the application.

12 CHAIRMAN BAUGHMAN: I just wanted to
13 make note of that.

14 In the -- the pages aren't necessarily
15 individually numbered, but I am looking at under --
16 this will be under -- I'm so sorry. I just had it
17 and turned the page. Historical background 2022
18 conversion describes where the eight liquor guns were
19 removed at the startup burners so forth and so on.
20 The very last paragraph: "Since boiler was converted
21 to natural gas only a few years ago, there are
22 insufficient data points to determine a corrosion
23 rate. With this variance, we will be able to
24 allocate enough time and other resources to complete
25 a good overall inspection." What that tells me is

1 that we've got some data previously from when it was
2 a liquor boiler, but we are going to be making some
3 determination on this variance without having all of
4 the data points that we need because they aren't
5 available.

6 And so, that concerns -- you know,
7 coming in and carte blanche saying: Hey, we don't
8 have all of the data points, but we want an extension
9 of 24 months over a five year period. I just wanted
10 to know: Is there anything being that we don't --
11 unless I'm missing it, we don't have a set RBI
12 program in place; is that correct or incorrect?

13 MR. ILUORE: No, we do have a program in
14 place. And currently we do have a new engineer hire
15 working with Jeff to have a five-year plan once we
16 get into this and get it's inspection done. What
17 this is saying here is that: Well, I looked through
18 the previous recovery boiler data, we had a lot of
19 data from point of service to when it got out of
20 service, right.

21 But with the power boiler, we've been
22 appointed after 2022. So we can't really tell what
23 the next thing is going to look like. So we have
24 said, okay, let's ask 24 months for five years so we
25 can get more data. And then start looking about a

1 future inspection, but not just a plan about ten
2 years. Let's start with five years and see what it
3 looks like. So that's enough the -- I'm talking
4 about here.

5 MR. BURNS: I think PSA, they address --
6 in the letter for PSA they address this. The mill
7 obviously has been doing the -- was a recovery
8 boiler, so the amount of ND data was extensive
9 throughout the entire unit. They can come up with a
10 wastage rate based on how it acted when it was a
11 recovery boiler.

12 Now with a natural gas fired boiler, the
13 wastage rate is going to be much, much lower than it
14 was as a recovery boiler. But because they don't
15 have, you know, two points of data, three points of
16 data as a gas fired boiler, they can't come up with a
17 waste rate as a gas fired boiler. We have a wastage
18 rate as a recovery boiler.

19 I think PSA -- that is why PSA in their
20 letter stated that they had no concerns about the
21 safe operation. Because if you actually ever use the
22 recovery boiler wastage rate, you wouldn't be
23 anywhere near minimal -- the wastage rate is going to
24 be much lower, but we don't know what that wastage
25 rate is. We don't have enough data as a gas fired

1 boiler.

2 MR. HENRY: I would echo the nature of
3 the environment of a gas fired is much different and
4 much for --

5 CHAIRMAN BAUGHMAN: Okay.

6 MR. HENRY: If they've got acceptable
7 wastage with black liquor, it's highly unlikely.

8 CHAIRMAN BAUGHMAN: Especially on the
9 combustion side. What I am looking at is what is on
10 -- I look at comments and just that can directly come
11 back to, you know, but a note was made, issues was
12 the oxygen scavenger line plugging that persisted.
13 That, you know, an oxygen scavenger line plugging
14 being a persistent problem, that's a little red flag
15 coming up.

16 So these are the kind of things that
17 deterioration has a possibility for not keeping up
18 with it, even though it's gas fired and the
19 volatility is less and we have less potential for
20 waste, we still have some -- some issues to be able
21 to monitor. Historical areas of concern such as
22 gouging and corrosion pitting, particular tubes
23 number 85 though 95 reviewed. No significant
24 progression was noted. No significant progression
25 was noted though continued UT monitoring is advised.

1 So what we are looking at doing is
2 monitoring this from the 12-month period from a
3 24-month period being proposed, and those are the
4 things we want to consider. Is this in the best
5 interest for safety and for the operation? You guys
6 are going to be dealing with the consciences of any
7 of this.

8 But again, you know, steam drums, steam
9 separation equipment was intact. A minor crack was
10 noted near secondary scrubber. It's not considered
11 critical at this time. At this time being right now;
12 24 months from now it may be critical. But at any
13 rate -- minor cracking observed in the economizer,
14 marked for repair.

15 So at any rate, there is just things to
16 consider on whether it's in the best interest to make
17 this out to 24-months versus possibly starting with
18 18-months, what any of those considerations may be.
19 Being that the boiler is due for inspection -- it's
20 already overdue, it was do you in April. Would you
21 still be looking to do that inspection in April and
22 then making this move on? Or are you making this
23 active now and foregoing the April inspection?

24 MR. BUELL: There would be an April
25 inspection.

1 CHAIRMAN BAUGHMAN: There will be the
2 April inspection?

3 MR. BUELL: 2026.

4 CHAIRMAN BAUGHMAN: So no 2025?

5 MR. BUELL: No, that's passed.

6 CHAIRMAN BAUGHMAN: We've already
7 inspected it?

8 MR. BUELL: No.

9 MR. ILUORE: We didn't do an inspection
10 in 2025.

11 MR. BUELL: The two year would start
12 from April or March of 2024, and go two years from
13 that point.

14 CHAIRMAN BAUGHMAN: So even though the
15 boiler is due right now or actually a little overdue
16 for inspection, we would not inspect it this year,
17 but move it out to '26.

18 MR. BUELL: That's what we would ask.
19 If it that is not acceptable, 18-months is what we
20 would ask.

21 CHAIRMAN BAUGHMAN: Just so we all know
22 what is being asked for.

23 MR. LASHLEY: Which 18-months would be
24 August.

25 MR. BUELL: October is when we would go

1 down.

2 MR. ILUORE: The importance is making it
3 24 months and we are hoping that we can have at least
4 five days with the boiler down with the inspections
5 completed.

6 CHAIRMAN BAUGHMAN: So the boiler is
7 still coming down during the year as it is for other
8 items; is that correct?

9 MR. BUELL: No, this boiler drives the
10 entire mill's outage schedule.

11 CHAIRMAN BAUGHMAN: Okay. I thought I
12 read somewhere where it comes down periodically for
13 short periods of time for other things?

14 MR. ILUORE: No it only came down
15 because we had the Hurricane Helene last year.

16 MR. BUELL: We've had three trips in the
17 past twelve months due to electrical issues and
18 storms.

19 MR. ILUORE: Yeah, that's pretty much
20 it. Runs 24 hours every day.

21 MR. LASHLEY: So it runs 24/7 365.

22 On the first page of the Number 2 Power
23 Boiler Inspection Plan PSA lists an annual outage.
24 So is that everything but the boiler being shut down
25 for your annual outage?

1 MR. BUELL: That's as common term in the
2 industry. It would be shut the whole mill down
3 whether it is 18 months or 12 months, it is called an
4 annual outage.

5 MR. ILUORE: I'm going to change that to
6 a mayor outage or --

7 MR. LASHLEY: Yeah, or a planned outage.

8 MR. ILUORE: Yeah.

9 CHAIRMAN BAUGHMAN: So the extension of
10 this inspection will also then affect the inspection
11 of the DA and any of the water treatment systems?

12 MR. ILUORE: Yes.

13 CHAIRMAN BAUGHMAN: So we know it's
14 affecting all of this. So we talked about the RBI
15 program previously. As it stands today, is there an
16 RBI program implemented? We talked in -- we talked
17 about one being implemented. But as it stands today,
18 do we have one?

19 MR. BUELL: I'm sorry I not familiar
20 with RBI.

21 MR. FLANARY: Risk base inspect, is that
22 what you are talking about?

23 CHAIRMAN BAUGHMAN: Yes, sir.

24 MR. FLANARY: We have a risk based
25 inspection for the recovery boiler. But since we've

1 converted to the power boiler, that's what myself and
2 the engineer is working on now to get a risk based
3 inspection plan together for up to five years.

4 CHAIRMAN BAUGHMAN: Okay. So will this
5 program meet the OSHA requirements?

6 MR. FLANARY: It will exceed them.

7 MR. ILUORE: Exceed them.

8 CHAIRMAN BAUGHMAN: So you have a plan
9 in place to perform root cause analysis?

10 MR. ILUORE: Yes we have a robust
11 program so like the -- the trips we had in the
12 boiler, we do an investigation on what we can do
13 differently to prevent reoccurrence. So we have a
14 robust program in place. We have lot of engineers
15 that champion those investigations.

16 MR. COLLINS: Will that RBI program be
17 vetted and reviewed by FM Global Services.

18 MR. FLANARY: Yes.

19 MR. COLLINS: Have they already looked
20 at the elements -- the preliminary elements of it, or
21 are you waiting to have that --

22 MR. FLANARY: We have talked about it
23 with our AI program, Factory Mutual, so he is
24 involved in all of the decision making of that.

25 CHAIRMAN BAUGHMAN: So gentleman under

1 the relief valve, I was just a little curious, data,
2 in particular the relief valves. Let's say there is
3 one that's at 195 PSI and the location for the relief
4 valve shows it's on 150-pound header, sometimes it's
5 on a 75-pound header. And I didn't know exactly what
6 that meant, especially in lieu of the relief valves
7 being set at, you know, 195. So can you just kind
8 of --

9 MR. BUELL: The mill operates off of
10 1,200 pounds steam to the turbine to be extracted at
11 75 or 175. That's the usage, steam usage for the
12 entire rest of the mill. Nobody sees 1,250 pounds
13 steam except the turbine or when the turbine is down,
14 the pressure reducing stages.

15 So the boiler reliefs are set at the
16 proper relief for a 1,250 pound system. Two on the
17 drum, two on the super heater outward.

18 CHAIRMAN BAUGHMAN: So that's what I --
19 I wasn't quite sure where the relief valves were
20 located being it says 150-pound header, 75-pound
21 header. I was a little confused on where --

22 MR. BURNS: Yeah, those are there to
23 protect the equipment in the steam plant.

24 CHAIRMAN BAUGHMAN: I am sorry. Again,
25 sir?

1 MR. BURNS: Those are for protecting the
2 equipment in the steam plant, not for the boilers.

3 MR. BUELL: Those are located in the
4 extraction lines of the turbine.

5 CHAIRMAN BAUGHMAN: Got ya. So if it's
6 listed as a 150-pound header, you can actually
7 relieve at the 195 and it's going to be protected?

8 MR. BURNS: Correct. Yeah, in the pulp
9 paper world, many of the headers, which are called
10 150 PSI header, typically run at a higher pressure.

11 CHAIRMAN BAUGHMAN: Very good.

12 MR. BURNS: Over the years, the
13 increased production, they would run to higher -- you
14 know, pressure is temperature, right. So when you
15 get to a paper machine, a higher pressure gets you
16 higher temperature, better drying. So it's very
17 common that the term 150-pound header is really a
18 header that is the running at 175, 165.

19 Kind of have to ask the question: What
20 is the pressure? It sounds strange, but it's like
21 buying a 2X4, right. It's not really a 2X4.

22 CHAIRMAN BAUGHMAN: That's a fair
23 analogy. I appreciate that.

24 So I understand my question as to the
25 boiler guys 150-pound this and see a rating of that

1 I'm going "woo."

2 So...

3 MR. COLLINS: One items that required on
4 our -- on our checklist is personnel qualifications
5 training records and continuing education for boiler
6 operators and also for personnel of the water system.
7 So far I think I only found one training record. An
8 expansion upon that just as far as knowing the
9 qualifications of these personnel, would need to be
10 located as well.

11 MR. BUELL: Yeah, the -- I think they
12 listed what each person that is working in the
13 department. We work off of what we call a "family
14 unit," and we have 20 people in the utilities family.

15 Three actual positions. The control
16 room operator, which is the top job. Then we have a
17 north side field assistant and a south side field
18 assistant. North side being the Number 2 power
19 boiler we are discussing, the turbine, water
20 treatment, raw water and wastewater. That's their
21 area.

22 So as they come into the department,
23 that's one of the first jobs they would be trained
24 on. And then they would be moved to get the south
25 side field assistant, which is our Number 1 Power

1 boiler and waste treatment sludge systems. So you
2 know, the line of progression, if you will, is north
3 side, south side control room.

4 Before they get turned loose on either
5 the north side or the south side, they have an
6 extensive computer based training on boiler basics,
7 turbine basics and get a little bit of specific
8 information in those computer based training
9 programs. Then begins the on-the-job training.

10 The north side is approximately three to
11 six months. South side is approximately three to six
12 months of on-the-job training. And then the control
13 room is nine to twelve months of training with a
14 test, a verbal board review by myself, their trainer
15 and anybody else that wants to sit in as part of the
16 union to go through and sit with it. So they get a
17 list of the questions ahead of time and they have to
18 be prepared to answer those in front of the board
19 before they are turned loose for each position.

20 CHAIRMAN BAUGHMAN: Was it --

21 MR. BUELL: Like I said, we've got three
22 actual position and five people per shift, there are
23 12-hour shifts. So the two extras are to cover
24 vacations and absences so if everybody is there, then
25 somebody is trained.

1 CHAIRMAN BAUGHMAN: So there has been a
2 turnover of personnel though, correct?

3 MR. BUELL: Correct.

4 CHAIRMAN BAUGHMAN: So we've got new
5 people that have been brought onboard that are still
6 going through this training program, getting
7 acclimated and certified, so to speak, to be able to
8 operate?

9 MR. BUELL: That's correct. They are
10 currently either working on the north side or the
11 south side field assistant position or training for
12 one of those positions. We have eight qualified
13 control room operators, two per shift. And then we
14 have three others that are within a month of being
15 qualified. So there will be -- on three of the four
16 shifts, that there be three people out of the five
17 that are control room operators.

18 We do what we call "pay for earnings,"
19 so as you learn a skill, you get additional pay. And
20 once you get to the control room operator, even if
21 you don't work that control room operator job, you
22 still get that control room operator pay. They still
23 have to rotate through those jobs monthly at the
24 skill we require.

25 CHAIRMAN BAUGHMAN: So outside of the

1 control room -- how many actual boiler operators
2 would you say outside of the control room do you
3 have?

4 MR. BUELL: Right now there is always
5 going to be one in the control room, and every shift
6 has got one extra that would be outside of the
7 control room. The other ones that are outside are
8 qualified on the skills for the job they are working,
9 they are just not qualified to sit in the control
10 room solo and the run the entire utilities
11 department, which is more than boilers. It's two
12 boilers, turbine, wastewater, anything to do with
13 utilities.

14 So this training record shows what jobs
15 they have been qualified for and what dates.

16 CHAIRMAN BAUGHMAN: So in the operation
17 of these boilers, how do we test for low waters and
18 making sure that things are operational? How do we
19 do the blow downs, the bottom blow downs? Are they
20 automatic? Are they manual? What are the procedures
21 on that?

22 MR. BUELL: Low water is tested weekly.
23 It's a key switch. They have to disable the trip
24 while they test the low water.

25 CHAIRMAN BAUGHMAN: So just to back up:

1 We are not -- physically we are not doing a positive
2 check, we are doing a --

3 MR. BUELL: That's correct. The
4 positive check is actually done every shutdown. So
5 we will test -- on a shutdown, we will test the low
6 water.

7 CHAIRMAN BAUGHMAN: So in this case,
8 that would be once every two years that's you are
9 proposing. Okay. Thank you.

10 How is the bottom blow down
11 accomplished?

12 MR. BUELL. It's done during the outage
13 as well. We blow down the bottom.

14 MR. BURNS: That's not something that
15 would be clearly done on a boiler of style on a
16 regular basis. While the boiler is operating, we
17 wouldn't be.

18 CHAIRMAN BAUGHMAN: Sure. Just
19 interested -- since I don't see the internal of the
20 boiler water treatment guys are going to know about
21 what's going on in the inside, what I've seen off the
22 reports is good. But again, those are just things
23 that the boiler guy is going to ask.

24 Any other questions that we are
25 developed or you want to bring to them? Any concerns

1 that's you want to discuss?

2 MR. HENRY: Mr. Chairman?

3 CHAIRMAN BAUGHMAN: Yes, sir. I am
4 sorry, Ms. Owens.

5 MS. OWENS: I guess we need to clarify
6 are -- is the question here whether or not you are
7 going to grant a retroactive approval for a variance
8 since we have already missed the inspection date? Is
9 this a retroactive approval?

10 CHAIRMAN BAUGHMAN: Ms. Owens, that's a
11 great question. I was thinking about that earlier
12 when I was asking the question about the inspection
13 dates and moving forward.

14 So I guess one of things to consider
15 before that is: Whether we are going to accept a
16 variance in the first place.

17 MR. COLLINS: Correct.

18 CHAIRMAN BAUGHMAN: And then if we do,
19 do we then consider the retroactive aspect of it?

20 MS. OWENS: Well, I think from our
21 perspective, I think, there is a question of whether
22 or not there is authority to grant a retroactive
23 approval.

24 CHAIRMAN BAUGHMAN: Great. I see. So
25 where would that authority lie?

1 MS. OWENS: Well, we are trying to do a
2 little quick research here.

3 MR. DEASON: And Mr. Chairman, I'm not
4 sure -- as I understand it, there was no active
5 permit -- I don't know the term. Do you guys have a
6 permit now or are they activity permitted to --

7 MR. BUELL: We have a 60-day grace
8 period.

9 MR. DEASON: Okay.

10 MR. BUELL: From April.

11 MR. DEASON: Okay.

12 CHAIRMAN BAUGHMAN: So we are right on
13 the cusp.

14 MR. ILUORE: With this meeting. We
15 couldn't miss this meeting, no.

16 MR. BUELL: And again, it was turnover
17 within the folks that were responsible for that
18 actually submittal of this variance.

19 MR. DEASON: I would ask that if --
20 prior to the vote, if you wanted to take a break and
21 give us a second because -- to kind of curve from the
22 meeting to make sure that it was fine.

23 CHAIRMAN BAUGHMAN: I think that would
24 be proper. And I'm -- I'm all for that.

25 So if we want to take a short break,

1 maybe convene back in ten minutes. It's 10:25.
2 10:35, is that sufficient? Or 15 minutes, whichever.
3 Let's take 15 minutes at the month, 10:40, and we
4 will jump back into it.

5 (Break was taken.)

6 CHAIRMAN BAUGHMAN: Thank you for taking
7 a short break so that our esteem counsel can look
8 into the legal things that we needed to have looked
9 at.

10 But, yes. So I'm circling back around,
11 you found the information that you needed to. So
12 where we are at right now is: We've discussed this
13 pretty hard and heavy, is there anymore discussion
14 that we need to have on it?

15 (No verbal response.)

16 CHAIRMAN BAUGHMAN: With that, I will
17 call: Do we have a motion?

18 Going once, going twice.

19 (No verbal response.)

20 CHAIRMAN BAUGHMAN: So we don't have a
21 motion. So with that we don't have a motion, we will
22 discussion where things are at. Do you want me to
23 let them know?

24 So from a legal standpoint, we are
25 actually passed the grace period on the inspection.

1 And so we've got a grace period, which isn't a given,
2 it's a may and not a shall. But even if it got
3 granted the grace period, we are actually past the
4 grass period. So because of that, our hands are
5 tied. We cannot set a precedent by going in and
6 saying we can do this.

7 So where that leaves us at is that we
8 need to have an inspection performed. From there,
9 you will come back and represent at the September
10 Board of Boiler Rules Meeting and we can take this
11 forward at that time.

12 MR. LASHLEY: Mr. Chairman?

13 CHAIRMAN BAUGHMAN: Yes, sir.

14 MR. LASHLEY: Granted that there is --
15 you know, there is to be an inspection that will
16 necessarily make it that they have to be back in
17 September if they need more time to make edits to the
18 manual, they have a year from inspection.

19 CHAIRMAN BAUGHMAN: Okay.

20 MR. LASHLEY: Since they will have a
21 certificate in place.

22 CHAIRMAN BAUGHMAN: They will have an
23 operating certificate. So you are not mandated --
24 thank you, Micah. You're not mandated in September.
25 You can come back then before the expiration of the

1 certificate and make a representation at that time.
2 We still have to have a representation of this
3 proposal itself.

4 Yes, sir.

5 MR. ILUORE: So just about the legal
6 issues. So when we -- I think some time last
7 quarter, last year, we tried to make this
8 application, but it wasn't done proper with the
9 required documentation. So that's when we started
10 talking with the chief of the state, chief of the
11 states and we had extensive e-mail back and forth
12 about what it do, the check list and all of that.

13 And we made note that these will expire
14 in April. And they said yeah, they can only grant
15 the 60-day extension. So we are working with our --
16 to say that you have to have that approval from the
17 State to move forward.

18 CHAIRMAN BAUGHMAN: Yes, sir. Ms.
19 Owens?

20 MS. OWENS: So one, it's the duty and
21 burden of the employer to making sure they are
22 submitting and filing and making the request
23 properly. It is not the burden of the State to make
24 sure that the employer was in compliance. That is
25 solely on the employer.

1 MR. ILUORE: Yeah.

2 MS. OWENS: In this case, we are three
3 days past that 60-day grace period. Our hands are
4 tied. To approve a variance it has to be based on an
5 approved inspection. We don't have that in this
6 case.

7 So you are asking us to go back on
8 something that has already expired. There is no
9 legal precedent for us to do that. There is no legal
10 authority.

11 You've been given an opportunity here to
12 get a new inspection. You've got a full year to work
13 on some things they have pointed out in your manual
14 and you can come back and represent at any time after
15 you have an approved inspection.

16 MR. ILUORE: Yeah, so what I was trying
17 to say was -- and I want to thank you for saying
18 that. I was trying to get information as to what was
19 next. So April -- we are talking about this sometime
20 in January, February, April was right around the
21 corner. And when I knew I could get this 60 days, I
22 spoke with them and they said 60 days prior few days
23 to the 11th on this meeting. And I went back to the
24 State Inspector and said can you grant us to 11th
25 when this meeting? And he said, that was what I was

1 anticipating to give you until this meeting.

2 After this decision, then you can tell
3 me whether you have to go to inspection of 18-months
4 or 24-months. So that is what we had in our --

5 MS. OWENS: The statute is clear. It is
6 60 days. There is no additional grace period of 63
7 days, of 62 days. The statue is clear, it is 60 days
8 and we are three days beyond that.

9 MR. FLANARY: Will the State certificate
10 be -- will it stay the inspection date till April or
11 will it --

12 MR. LASHLEY: It will be 12 months.

13 MR. FLANARY: It will be 12 months from
14 the day that we do the inspection:

15 MR. LASHLEY: Correct me if I am wrong,
16 Chief.

17 CHIEF WATSON: That's correct.

18 MR. FLANARY: 12 months from the date of
19 the inspection?

20 CHIEF WATSON: Yes, sir.

21 MR. DEASON: Four board meetings.

22 MR. BUELL: What is the expectation on
23 the inspection? As soon as possible?

24 CHAIRMAN BAUGHMAN: I will defer that to
25 Chief and Assistant Chief.

1 CHIEF WATSON: Yes, in my previous
2 e-mail, depending on the way this board meeting went,
3 I said we needed to have it done within two weeks
4 from the decision of the Board.

5 CHAIRMAN BAUGHMAN: Now, correct me if
6 I'm wrong: Is the State performing the inspection or
7 does it go back through their insurance, FM Global?

8 CHIEF WATSON: The State can step in if
9 they would like to do that themselves, or it can go
10 back to FM Global if they would like to do it within
11 a two-week period.

12 CHAIRMAN BAUGHMAN: And I just mentioned
13 that since FM Global had been performing inspections and
14 PSA has been involved and so forth. It doesn't
15 necessarily have to be coordinated through our state
16 personnel.

17 MR. BUELL: And what is the expectation
18 to happen during this inspection? Two weeks doesn't
19 give us a lot of time to pull something together.
20 Shutting it down, opening it up, crawling inside is
21 no problem.

22 CHIEF WATSON: It just have has to be a
23 satisfactory internal inspection. Usually just
24 replace the seals, pull plugs, kind of inspect the
25 inside. Just normal internal inspection. It just

1 | has to be satisfactory for the State.

2 CHAIRMAN BAUGHMAN: Will there -- one of
3 things to look at is this might be a time to do any
4 of the NDEs, any of the outage things that may need
5 to be accomplished at that time. You are going to
6 have the boiler down and it's going to be down for
7 the interim. What else can you do to augment
8 anything that you are looking forward? And then not
9 only the boiler but the DA may -- does the DA feed
10 the boiler also?

11 MR. BUELL: They have their own
12 separate.

13 CHAIRMAN BAUGHMAN: Okay. So it's
14 separate anyway, so pulling the DA down at the same
15 time any other water treatment may need to be
16 inspected internally as well since it's going to be
17 down.

18 MR. BUELL: I guess my question is: We
19 will do whatever inspection is required to get us the
20 year. And before that year is up, we will do a full
21 scaffold NDE, all of that probably before we would
22 come back here and ask for another variance. But to
23 get this inspection done in two weeks, it's going to
24 be minimal.

25 I want to meet those requirements and I

1 just want to make sure we don't leave something out.

2 CHIEF WATSON: It's just the tear down
3 and internal inspection.

4 MR. BUELL: To do a full NDE on a boiler
5 of this size, what was it about 120 feet tall?
6 Scaffolding takes almost a day.

7 CHAIRMAN BAUGHMAN: Yeah. So being that
8 that would be -- from what I am understanding, that
9 would be next years -- that you would look to do it
10 at that time.

11 MR. BUELL: So it would be acceptable to
12 get it inspected and come back in April of next year
13 as the original plan, and do the full blown
14 everything we would normally do. And then come back
15 to the meeting whenever -- I guess it would be next
16 June.

17 CHAIRMAN BAUGHMAN: From what I'm
18 understanding, it sounds correct.

19 MR. LASHLEY: By next June. You've got
20 September, December, March as well as open dates for
21 -- you know, just to make sure the variance -- you
22 know, I would recommend not going all of the way to
23 June just in case we do have, you know, other --
24 other issues within the manual. That would buy
25 plenty of time for any revisions that need to be made

1 and approval through.

2 MR. BUELL: I guess if we did the
3 inspection in April that we would intend to do, we
4 still have another year. That we don't have to
5 necessarily do June, we could do September.

6 CHAIRMAN BAUGHMAN: But you're looking
7 to do a full-blown outage come up the next cycle
8 through April of '26 from what I'm understanding?

9 MR. BUELL: That would be, yes, a
10 seven-day major full blown inspection.

11 CHAIRMAN BAUGHMAN: I'm sorry?

12 MR. BUELL: That would be a full-blown
13 inspection.

14 CHAIRMAN BAUGHMAN: And that will give
15 additional information and credibility to the program
16 that is being proposed. So I think I -- I hate for
17 the inconvenience, but I think that's the best plan
18 of action.

19 MR. BUELL: Okay.

20 CHAIRMAN BAUGHMAN: Very good.

21 Gentleman, thank you so much.

22 Any other questions or comments? I will
23 ask -- Assistance Chief Cass?

24 ASSISTANT CHIEF CASS: So you're doing
25 your certificate inspection as soon as possible, so

1 that's going to give you an active certificate. If
2 you want to go to your next non-certificate internal
3 inspection and you wanted that to be a certificate,
4 you would have to pay for an early certificate so
5 that your date would then start there again.
6 Otherwise, your certificate is going to expire on
7 this inspection you are about to do.

8 Just to let you know, you might have to
9 pay for an early certificate.

10 MR. FLANARY: That's why I asked that
11 question of whether it went back to April or --
12 that's why I asked that question. Because I was
13 somewhat familiar with that the certificate date was
14 from certain times. And I asked to make sure it
15 wasn't April to April.

16 ASSISTANT CHIEF CASS: Yes.

17 CHAIRMAN BAUGHMAN: All right.
18 Everybody good? Clear on the plan of action? Good.

19 Well thank you all very much. Thank
20 you, each one of you for your input.

21 All right. So we will moving onto new
22 business, Item B, Tennessee Mills in Livingston,
23 applying for Tennessee Special to operate it's
24 wood-fired low-pressure boiler.

25 So we have gentlemen here. Would you

1 please introduce yourselves?

2 MR. WHITE: I'm Cori White. I'm with
3 Tennessee Mills. I'm the mill manager.

4 CHAIRMAN BAUGHMAN: Cori good you're
5 here. You're from Livingston?

6 MR. WHITE: I'm actually from Clay
7 County, Celina.

8 CHAIRMAN BAUGHMAN: Okay. Like Dale
9 Hallow. Other two?

10 MR. YOUELL: I'm Kolby Youell. I'm with
11 Premier Boiler and Combustion.

12 MR. CHESSEY: Nick Chessey with Premier
13 Boiler as well.

14 CHAIRMAN BAUGHMAN: Any conflict of
15 interest?

16 (No verbal response.)

17 CHAIRMAN BAUGHMAN: Motion to discuss?

18 MR. COLLINS: So moved.

19 MR. LASHLEY: Second.

20 CHAIRMAN BAUGHMAN: So if you will make
21 your presentation please.

22 MR. YOUELL: Yes, sir. Cori, he bought
23 a boiler from another sawmill that will was down.
24 And when he called us to come and put the boiler in
25 for him, we noticed it had a CRN number, not a

1 national board number. This boiler was manufactured
2 in Canada.

3 So what we did was we e-mailed Mr. Jimmy
4 and asked him if it was okay to do that. And he said
5 just to come to the board meeting and see if it can
6 get approved to do so. It is a Boilersmith Boiler.
7 It was manufactured in 2009.

8 CHAIRMAN BAUGHMAN: Thank you. So this
9 boiler came in from out of state, correct? I'm
10 showing it's originally manufactured from Biomass
11 Combustion Systems in Worcester, Massachusetts?

12 MR. YOUELL: Yes, sir.

13 CHAIRMAN BAUGHMAN: But that location
14 was originally -- it was manufactured from Biomass
15 Combustion, but the original installation was in
16 Thunder Bay, Ontario?

17 MR. YOUELL: Yes, sir, Ontario.

18 CHAIRMAN BAUGHMAN: And this boiler is
19 showing that it is on the P -- well, there is no P-2
20 data report because this boiler is not a section one
21 constructed boiler. We got a P-6 and a P-7 for the
22 piping and the relief valves, but there is no P-2
23 data report, correct?

24 MR. YOUELL: Yes, sir. We have pressure
25 checked it, hydro-tested it and it tested fine.

1 CHAIRMAN BAUGHMAN: Yes, sir. Has the
2 boiler already been purchased?

3 MR. YOUELL: Yeah, he bought it before
4 we looked at it. Yes, sir.

5 MR. LASHLEY: Was it purchased directly
6 from a previous owner or was it a third party?

7 MR. WHITE: It was a third party.

8 MR. LASHLEY: Where was that auction?

9 MR. WHITE: It was actually on site.
10 Around Paris, Tennessee, LPS auction group was who I
11 purchase that through.

12 MR. LASHLEY: I'm assuming they acquired
13 it from?

14 MR. WHITE: Yes, sir whatever facility
15 that went out. They actually acquired it originally,
16 so they purchased it.

17 CHAIRMAN BAUGHMAN: It's not uncommon in
18 our industry. Been in the boiler business and I know
19 how these things come about. So here's -- I will
20 just discuss some of the issues that I've got. We
21 build boilers and sell them to Canada.

22 MR. YOUELL: Yes, sir.

23 CHAIRMAN BAUGHMAN: We have to have our
24 CRN number. If we don't have our CRN number it's
25 quite the paperwork to go through and so forth and so

1 on. But in that, we require the NB number just as
2 much as they require the CRN number, the NB number is
3 not there then all of those hoops have to be jumped
4 to go through and look at the construction.

5 We've got -- so TSSA, which is for that
6 province of Ontario, not all provinces in Canada are
7 TSSA. But we've got some on TSSA here, which really
8 isn't -- you've got TSSA and you've got CRN, both of
9 those are great for Canada. But they don't meet the
10 requirements for the US on US NE and National Board
11 of Registration.

12 And the other is, this is a second-hand
13 boiler. So it has got to go through those processes
14 of second-hand boiler, which also require a
15 manufacture and data report. Which we don't have for
16 the United States, we do for Canada. And so those
17 are just a couple of things that kind of jump up
18 there.

19 But if we were to look into approving
20 this in the Tennessee Special, the question is: Do
21 we have all of the construction data that would be
22 required to be able to assign this a Tennessee
23 Special?

24 MR. YOUELL: On the TSSA? Is that the
25 material that you need for that?

1 CHAIRMAN BAUGHMAN: To a certain extent.

2 MR. YOUELL: It has material, sizes,
3 thicknesses, everything for the construction of the
4 vessel.

5 CHAIRMAN BAUGHMAN: I'm always looking
6 at how we construct boilers versus how other
7 entities, especially nondomestic entities, what
8 materials that they use. Just for curiosity, we
9 build above and beyond CRN, TSSA requirements.
10 Whereas, these would be more the minimum requirements
11 for what we would build here in the United States.

12 But all of that said and done, I want to
13 get the input from the other colleagues on the Board
14 on this.

15 MR. COLLINS: Just as a point of
16 clarification, on that TSSA document it does say
17 design construction work should be performed. And it
18 does state in section one -- with the certification
19 of compliance and shop inspection report by a third
20 party inspection agency.

21 One thing I did want to ask is that:
22 Was this the only paperwork and documentation that
23 came with this unit?

24 MR. YOUELL: Yes, sir. We actually
25 found this ourself so we researched to get the

1 paperwork out of -- we called Boilersmith out of
2 Canada to get what they had on this unit. So we
3 could pull the permit or try to pull the permit for
4 this unit.

5 MR. COLLINS: And do you know if there
6 was any sort of history or -- well, and obviously,
7 like you said, this is pretty much the only
8 documentation that you have. My worry is that if
9 there was any post-construction repairs or
10 alterations to the unit that were done?

11 MR. YOUELL: There are not any tags --
12 repair tags on the boiler. But if somebody did it
13 and didn't put one, I wouldn't be aware of that. But
14 looking at the -- just visual and hydro on the
15 boiler, I don't even know if it's ever hardly been
16 ran much. It's an older unit, but it looked pretty
17 much brand new from the internals.

18 Of course, we would rather sell him a
19 new boiler but --

20 MR. LASHLEY: Was there a Massachusetts
21 jurisdictional number attached to it?

22 MR. YOUELL: No, sir, I don't know that.
23 I didn't see it. I don't know if somebody pulled a
24 permit on it in Massachusetts.

25 CHAIRMAN BAUGHMAN: From what I

1 understand, it wasn't actually installed in
2 Massachusetts.

3 MR. YOUELL: I don't think so.

4 CHAIRMAN BAUGHMAN: It was purchased a
5 company in Massachusetts and installed in Ontario,
6 Thunder Bay, Ontario. It says purchaser Biomass
7 Combustion, Worcester, Massachusetts. But the actual
8 installation was Global Sticks in Thunder Bay,
9 Ontario.

10 One of the things of concern, we've
11 bought boilers on the market back in the day sight
12 unseen. Any repairs done on the boiler? No. All
13 the steps have been done, it's all good and all said.
14 And notice the dresser ring on the side was not the
15 original dresser. After we bought the boiler, got it
16 in the shop pulled the dresser off and there is a
17 nasty patch that was on the feed water.

18 We just don't know the documentation of
19 what goes on. And sometimes you don't, sometimes
20 things slide by. But we are always concerned,
21 especially for things that are, one, a second-hand
22 boiler coming in from out of country. That's why we
23 are doing our due diligence here with this.

24 MR. YOUELL: Yes, sir.

25 MR. COLLINS: And you said you believe

1 that the previous owner went out of business?

2 MR. WHITE: It was actually listed as a
3 never used boiler. That's the reason I was
4 interested from the beginning. I believed this
5 boiler, and I can't tell you that to be 100 percent,
6 I believe it was never actually used.

7 MR. COLLINS: I just didn't know if
8 there was any way to reach back out to the previous
9 owner to see if they had any documentation or their
10 own system for tracking any changes, inspects, et
11 cetera.

12 MR. WHITE: I can probably reach out to
13 Boilersmith if they were willing to give me that
14 contact information, I could contact it.

15 MR. YOUELL: I'm not 100 percent sure, I
16 don't think that's in operation any longer. I can
17 check again, but I don't think --

18 MR. HENRY: When you took possession of
19 the boiler had there been anything done to protect
20 the internals or pressure parts, caps or anything
21 like that?

22 MR. YOUELL: No, sir, it was in a
23 building.

24 MR. HENRY: Okay. A climate control
25 building?

1 MR. YOUELL: Just a warehouse building.
2 I don't think there is any -- I don't think it was
3 laid up or anything, but I --

4 MR. LASHLEY: Is this intend to be the
5 primary boiler?

6 MR. WHITE: Yes, sir.

7 CHAIRMAN BAUGHMAN: And I noticed the
8 application is use as low-pressure steam 15 or below
9 going to the kilns?

10 MR. WHITE: Yes, sir.

11 CHAIRMAN BAUGHMAN: So it's a
12 higher-pressure boiler, but it will have -- I was
13 just looking at the steam nozzle offhand, it's got a
14 six-inch supply outlet, which it's still to produce
15 what it is you want from low pressure, but it's not
16 designed from low pressure such application. What
17 are you going to be firing the boiler on?

18 MR. WHITE: Dust.

19 CHAIRMAN BAUGHMAN: Any alternate fuel?

20 MR. WHITE: (Shakes head negatively.)

21 CHAIRMAN BAUGHMAN: Okay. So have you
22 got a boiler presently?

23 MR. WHITE: No.

24 CHAIRMAN BAUGHMAN: So you would be
25 making applications to the State for your emissions

1 and so forth firing on wood?

2 MR. WHITE: Yes.

3 CHAIRMAN BAUGHMAN: I'm interested to
4 look further, and I'm going to contact Chief Watson
5 concerning this, but I see Boilersmith Boilers on the
6 auction sites quite often. But I know of one
7 installed in the State of Tennessee in a wood plant,
8 and again, they bought it from a supplier in the
9 industry, you may know, Stiles, W Stiles out of
10 McMinnville.

11 MR. WHITE: Not familiar with them.

12 CHAIRMAN BAUGHMAN: Well, there are
13 folks that are in that wood-fired industry, so they
14 find these boilers typically used. And sometimes
15 they kind of slip under the radar.

16 Well gentlemen, more questions?

17 MR. COLLINS: What capacity is Premier
18 Boiler Construction are you all serving for the --

19 MR. YOUELL: Yes, sir. We was going to
20 install it and pull the permit on it until we run
21 into this small issue.

22 MR. COLLINS: And then the hydro, what
23 pressure did you run that hydro at?

24 MR. YOUELL: It was at 140 PSI. Even
25 though it's going to be a low-pressure boiler, it's a

1 150-pound design, so we just put 140-pounds on it.

2 If we were able to install it, the
3 relief valve is going to be set at 50 PSI on the
4 boiler for the pressure.

5 MR. LASHLEY: 50?

6 MR. YOUELL: 50. Yeah, 50 PSI.

7 CHAIRMAN BAUGHMAN: 5-0?

8 MR. YOUELL: Yes, sir. 5-0.

9 CHAIRMAN BAUGHMAN: So in that, have you
10 already done the calculations?

11 MR. YOUELL: Yes, sir. Will be at full
12 capacity.

13 CHAIRMAN BAUGHMAN: I know going from
14 high pressure to low pressure, sometimes that opening
15 won't --

16 MR. YOUELL: Yes, sir. I can't go to 15
17 on the unit, but that is what the kiln would be about
18 15 PSI. The boiler capacity will have to have a
19 50 PSI because the capacity -- I mean, the boiler
20 relief valve but the capacity will have to be a
21 50 PSI. We are not going to put a 150 on it is what
22 I was telling. It will still be a 50.

23 MR. COLLINS: So what's going to be the
24 normal operating pressure?

25 MR. YOUELL: Somewhere around, I think,

1 10 to 12 on those radiators.

2 CHAIRMAN BAUGHMAN: Will it be 10 to 12
3 at the boiler or will it be higher at the boiler and
4 reduced at the radiators and kiln?

5 MR. YOUELL: We are going for 10 to 12
6 at the boiler is what we want to do.

7 MR. COLLINS: PSID?

8 MR. YOUELL: Yes, sir.

9 CHAIRMAN BAUGHMAN: One of the things
10 that I look at on construction is boiler
11 two-and-a-half inch tubes on a wood-fire boiler, kind
12 of interesting. But one of the things to note is
13 this 12 gauge. So you being in the boiler industry,
14 Premier has it's R-stamp, you are also licensed in
15 the State of Tennessee. Thank you.

16 What would you say is the thickness of a
17 12-gauge tube?

18 MR. YOUELL: The tube thickness itself?
19 .105.

20 CHAIRMAN BAUGHMAN: That as great
21 answer, and that's what's assumed in the industry,
22 but that is incorrect.

23 MR. YOUELL: 095?

24 CHAIRMAN BAUGHMAN: No, sir. 13-gauge
25 is .095. 12-gauge is .109. And so if you look at a

1 data report, and it shows 12-gauge, what you, as a
2 boiler repair company are going to do is think that's
3 a .105 tube. But if you put a .105 tube in it,
4 you've actually put in a less thickness tube than
5 what the tube is originally, which is not allow by
6 our repair. So you would have to get a .109 from
7 that case, being that that's kind of a bastard size,
8 you would probably go in with a .20.

9 So what I am saying is that the data
10 report -- they may have used a .109, or called it a
11 12-gauge. But the assumption is that when it gets
12 re-tubed, they are going to go back in with .105
13 which is actually --

14 MR. YOUELL: Well, in that case, I will
15 look on the -- if we are re-tubing one, I will extend
16 what is on the data report. So if it says 12-gauge,
17 when I order tubes, I will say I need a quote on 65
18 12-gauge tubes, or if it's on data report .105 wall
19 or .120 wall, I will just put .105. And there is a
20 -- I see it all different. But I would just put the
21 gauge or the other --

22 CHAIRMAN BAUGHMAN: Well, 13-gauge is
23 okay because it's actually .095. 12-gauge is .109.
24 The assumption in the industry is that's .105, but
25 it's not.

1 MR. YOUELL: Yes, sir.

2 CHAIRMAN BAUGHMAN: So you've got to be
3 specific in either they send a corrected date or --
4 that shows that it's .105, or they adhere and agree
5 that it is a .109 12-gauge tube.

6 MR. YOUELL: Yes, sir. Thank you.

7 CHAIRMAN BAUGHMAN: Mr. Toth?

8 MR. TOTH: Yes, I'm on the list, by the
9 way. I just wanted to make you aware of a couple of
10 things: Number one, BI0522 is an interpretation that
11 specifically allows for high pressure boilers to be
12 utilized as low pressure. However, it does stipulate
13 that that high-pressure boiler must have a 15 PSI
14 safety relief valve or safety valve on it if it's
15 used for steam. So you can't technically have a 50
16 pound.

17 Other thing I want to make you aware:
18 Unless precedence has been set somewhere and it's
19 changed, that .03 paragraph 6 of the rules stipulates
20 Tennessee Special is prior to construction. So all
21 of that had to be submitted prior to construction.
22 Now, that doesn't mean that a precedence hasn't been
23 set over the years that that assigned Tennessee
24 Special to boilers that weren't submitted prior to
25 construction. But in this case it's already built.

1 CHAIRMAN BAUGHMAN: Thank you Mr. Toth.

2 So what I'm understanding is that we are
3 not asking this to fall under a low pressure
4 classification being inspected every two years.

5 MR. YOUELL: Yes, sir.

6 CHAIRMAN BAUGHMAN: We are going under
7 high-pressure power boilers as it is?

8 MR. YOUELL: It's going be in there with
9 high-pressure boilers and inspected once a year.
10 Yes, sir.

11 CHAIRMAN BAUGHMAN: So the controls as
12 such will have the secondary low-water cut off manual
13 reset, secondary manual --

14 MR. YOUELL: Yes, sir. If we are able
15 to install it, we will put all of that new on it,
16 yes, sir.

17 CHAIRMAN BAUGHMAN: How are you feeding
18 your dust?

19 MR. WHITE: It will be auger fed.

20 CHAIRMAN BAUGHMAN: Okay.

21 MR. YOUELL: The fire box it comes with,
22 it's got an auger set up.

23 CHAIRMAN BAUGHMAN: Very good.

24 Now, being that this boiler is over five
25 horsepower, it is operating above the 15 PSI

1 requirement, what are you looking at from an operator
2 standpoint? Are you going to be operating under the
3 one hour rule and so forth?

4 MR. WHITE: That's sort of new to me.
5 It guess I would need to obtain and go from there as
6 far as that goes.

7 CHAIRMAN BAUGHMAN: It's kind of a new
8 venture for ya.

9 MR. WHITE: Yeah.

10 CHAIRMAN BAUGHMAN: Well, we are here to
11 help in any respect. But there are some operator
12 requirements, log sheets so forth to get some
13 training on. And the boiler unit can be of help by
14 all means.

15 So questions? Do you feel like we have
16 enough info to grant a request for a Tennessee
17 Special number? And if not, they've got a -- hope
18 you didn't pay a lot for the boiler, but it's money
19 all of the same. But being all of that said and
20 done, we want to make sure that for one, what we are
21 doing is in the best interest of safety and that we
22 are following the letter of code and knowing also
23 that we are setting a precedent.

24 So with that, any other discussion?
25 Mr. Collins, Mr. Henry, Mr. Lashley? Any concerns,

1 | reservations?

2 MR. HENRY: How much access is there to
3 the tubing?

4 MR. YOEELL: Sir?

5 MR. HENRY: How much physical access do
6 you have for the tubing? I know you did the hydro.

7 MR. YUELL: Yes, sir.

8 MR. HENRY: Could you get up in some
9 area and take a to look at the wall thickness and
10 make sure there has been no internal damage?

11 MR. YOUELL: Yes, sir. We should be
12 able to take -- we could do it from the inside or the
13 out. We could go open the doors and come from the
14 inside of the tubes and see all of the tubes easily.
15 And in the middle of the tubes, we might could go
16 from the railway and get to top couple of tubes to
17 get in the though the railway.

18 MR. HENRY: Right.

19 MR. YUELL: Yes, sir. We could be able
20 to do that as well.

21 MR. HENRY: It may just be another check
22 because, quite honestly, the as good as a hydro may
23 be, there are a lot of things to be checked.

24 MR. YOUELL: Yes, sir.

25 CHAIRMAN BAUGHMAN: Has the boiler been

1 installed already?

2 MR. YOUELL: No, sir.

3 CHAIRMAN BAUGHMAN: So it's sitting
4 where?

5 MR. YOUELL: At his place.

6 CHAIRMAN BAUGHMAN: Okay. But are all
7 of the feed water systems in place, float out
8 separator, the feed system?

9 MR. YOUELL: Everything is there, yes,
10 sir.

11 CHAIRMAN BAUGHMAN: And that's great
12 because application for reinstallation or application
13 of installation -- or application for installation of
14 a second-hand boiler, get's a -- gets installed.

15 MR. BUELL yes, sir.

16 CHAIRMAN BAUGHMAN: Really you want to
17 have it inspected before it gets installed. And then
18 once it gets installed, it's re-hydro inspected and
19 so forth. But on, this we don't know, we understand
20 it has very little damage, but sometimes the damage
21 can come when the boiler is sitting idle as you know.
22 And yeah, oxygen and so forth and do on.

23 So we don't know the condition of the
24 boiler offhand and we don't have an inspector that
25 has looked at the boiler. We've got a competent

1 boiler company.

2 MR. YOUELL: Yes, sir.

3 CHAIRMAN BAUGHMAN: But we haven't had
4 anybody look at the boiler on the front end to give
5 us any kind of analysis or moving forward to say,
6 yes, this is good to go. That's my concern.

7 So not sure how to move forward. I know
8 I've got my own feels about how I would like to move
9 forward, but I don't want to put them out until I
10 hear from my colleagues.

11 MR. HENRY: I think I would be happy
12 moving forward as long as there were some kind of
13 inspection that was a little more...

14 MR. LASHLEY: So there would be an
15 inspection upon installation where the State would
16 register this vessel, granted that passed that would
17 be inclined to --

18 MR. HENRY: Yeah, I agree.

19 MR. FISHER: And also to speak on the
20 precedent of the Tennessee Special, I know just
21 historically with that, we've set that -- that that
22 precedent has already been established as far as
23 applying that to an existing unit that has already
24 been constructed.

25 Also, as recently -- for a few meeting

1 as go --

2 CHAIRMAN BAUGHMAN: Heat exchangers or
3 actual boilers.

4 MR. FISHER: A few meetings ago, but I
5 can't remember the name out in Chattanooga, that was
6 already -- that was already a constructed piece of
7 equipment that they were bringing in.

8 CHAIRMAN BAUGHMAN: Yeah, it was from
9 overseas. Okay.

10 Well, and that was a slightly -- one of
11 the things I would like for -- to feel comfortable
12 about this, and not saying that you guys don't do a
13 thorough job by any stretch.

14 MR. YOUELL: Yes, sir.

15 CHAIRMAN BAUGHMAN: Is that we have no
16 idea -- we need to have this unit gone over really
17 with a fine-tooth comb.

18 MR. YOUELL: That's fine.

19 CHAIRMAN BAUGHMAN: And the inspectors
20 can do that, another outside source working in
21 conjunction. You know, the more eyes on this the
22 better.

23 Quick question, are you going to have
24 soot blowers on this?

25 MR. YOUELL: Yes, sir. Yes, sir. Yes,

1 it does.

2 CHAIRMAN BAUGHMAN: Not all -- they
3 don't necessarily come standard with a soot blower.
4 If not, you would typically construct it or somebody
5 weekly or every other week is going to be punching
6 the tubes.

7 MR. YOUELL: Yes, sir.

8 CHAIRMAN BAUGHMAN: But again, I would
9 like -- I would like to see a good thorough
10 inspection both externally and internally. I'm
11 taking it you've already looked at the fire brick and
12 so forth that's on the internal since this thing can
13 have -- since it hasn't run much, that's one thing.
14 But in transporting a fire box boiler --

15 MR. YOUELL: Yes, sir. Do we need to
16 get an NDE test -- get an NDE testing out there and
17 check thicknesses and ultrasound the tube sheath and
18 the tubes?

19 CHAIRMAN BAUGHMAN: That's awesome.

20 MR. YOUELL: I can arrange that to
21 happen if that would make you feel more comfortable.

22 CHAIRMAN BAUGHMAN: Yes, I would be in
23 concurrence with that being good additional
24 information.

25 MR. YOUELL: That's not a problem. Yes,

1 | sir, we can do that.

2 CHAIRMAN BAUGHMAN: Being that, and upon
3 an inspection, I really think that having two
4 inspections would be good. You guys doing the NDE,
5 but having one of the State inspectors come out, go
6 through the whole unit just to put another set of
7 eyes on it. And then from there, we can address
8 anything back. We can -- we can make a motion that
9 if we move forward with the Tennessee Special Number,
10 that would be contingent on the NDE results being a
11 proper inspection upon installation and having
12 another after the installation be in place.

13 You are going to have some training
14 involved. This boiler has got more power than
15 dynamite. So you can imagine. We don't require
16 training in the State of Tennessee, another day for
17 discussion. But it's something that need to be
18 thought about in your operation. Does that sound
19 like a plain of action?

20 MR. YUELL: Yes, sir.

21 CHAIRMAN BAUGHMAN: Okay. So somebody
22 want to make a motion?

23 MR. HENRY: I will move as you
24 described. The motion that we would --

25 MR. COLLINS: Motion contingent on NDE

1 an pre- and post-installation inspection by a State
2 Inspector.

3 CHAIRMAN BAUGHMAN: Very good.

4 MR. HENRY: Second.

5 CHAIRMAN BAUGHMAN: Chief Watson and
6 Assistant Chief Cass, do you have any input on that
7 too?

8 CHIEF WATSON: Seems like that NDE
9 testing, I have would like to have that.

10 MR. YOUELL: Yes, sir, not a problem.

11 CHIEF WATSON: Ans just let us know when
12 you are ready for the pre- inspection we will be on
13 site.

14 MR. YOUELL: Yes, sir. Thank you.

15 CHAIRMAN BAUGHMAN: Another thing I
16 noticed just getting into the P-6 and P-7, it shows
17 relief valves, you're putting on -- those relief
18 valves were set for the original boilers. You are
19 replacing those relief valves, we need to have that
20 relief valve information.

21 MR. YOUELL: Yes, sir, I will get it to
22 you.

23 CHAIRMAN BAUGHMAN: That will be great.
24 That way they will have that. You will need that for
25 the application for installation anyway.

1 MR. YOUELL: Yes, sir.

2 CHAIRMAN BAUGHMAN: It will be on there.

3 MR. YOUELL: Yes, sir.

4 CHAIRMAN BAUGHMAN: So the motion has
5 been laid out and worded very well by Micah. So we
6 have a motion and we had a second. All right.

7 We will take a the vote. All in favor,
8 say aye.

9 IN UNISON: Aye.

10 CHAIRMAN BAUGHMAN: Opposed?
11 Abstention?

12 (No verbal response.)

13 We've got a contingently approved
14 Tennessee Special.

15 MR. YOUELL: Yes, sir. Thank you.

16 CHAIRMAN BAUGHMAN: Thank all of you
17 guys. We appreciate it.

18 All right. Turning over to C, new
19 repair license applications.

20 First on the agenda is Turn2 Specialty
21 Companies, LLC, out of La Porte, TX.

22 MR. HANCOCK: Good morning.

23 CHAIRMAN BAUGHMAN: Good morning,
24 brother. Glad you are here. Introduce yourself,
25 please.

1 MR. HANCOCK: Michael Hancock. I'm the
2 vice president of quality, Turn2.

3 CHAIRMAN BAUGHMAN: Michael Hancock.
4 Thanks for being here.

5 Any conflicts of interest? All right.
6 Just have a motion to discuss up front motion?

7 MR. COLLINS: Motion.

8 MR. HENRY: Second.

9 CHAIRMAN BAUGHMAN: Michael, if you will
10 make your presentation.

11 MR. HANCOCK: Being considering the
12 first time I'm here, I'm not sure. We are applying
13 for license to erect and repair coded vessels and
14 boilers in the State of Tennessee.

15 CHAIRMAN BAUGHMAN: Have you worked in
16 Tennessee previously?

17 MR. HANCOCK: As a company, we had a
18 previous license that I think expired about a year
19 and a half ago. I believe we requested and received
20 that license for some code work that we did here. We
21 have some upcoming work that looks to come up some
22 time around the October, November timeframe so we are
23 wanting to get in front of this.

24 MR. COLLINS: I want to ask: From the
25 application I noticed you marked "shop and field,"

1 for the alterations -- repairs and alteration scope.
2 I didn't know, is that intended for a shop in
3 Tennessee?

4 MR. HANCOCK: No, sir. The only reason
5 I did that is because it's listed on our certificate
6 a shop in field. We don't anticipate setting up shop
7 here. It's only going to be field work.

8 CHAIRMAN BAUGHMAN: I noticed, Mike,
9 that you have a mechanical license for the State of
10 Tennessee. And I hate to make an assumption, but you
11 also have a business license for the State of
12 Tennessee?

13 MR. HANCOCK: That is correct.

14 CHAIRMAN BAUGHMAN: Very good. Thank
15 you. And this is your year for review?

16 MR. HANCOCK: Coming up. We've
17 pre-joint review scheduled for the 23rd of June and
18 the actual review is scheduled for the 24th and 25th
19 of July.

20 CHAIRMAN BAUGHMAN: So you do field
21 direction of power boilers?

22 MR. HANCOCK: It's one of those things
23 that the stamp allows us to do that, but we generally
24 don't do that. It's only a part of the certification
25 process. I think the last time we actually generated

1 a form U-1 was for a small filter strainer assembly.
2 And prior to -- most of our work is repair and
3 operations.

4 CHAIRMAN BAUGHMAN: Got ya. I was the
5 S-stamp and the I saw scope and hence force the
6 question.

7 You said you had a previous license in
8 State of Tennessee?

9 MR. HANCOCK: That is correct.

10 CHAIRMAN BAUGHMAN: And it expired?

11 MR. HANCOCK: It did. I want to say
12 that it expired six months ago. I think I was
13 speaking with Ms. Mia-Lyn about it and that's how I
14 came up with the right form to use it was a little
15 confusing on the inner web.

16 CHAIRMAN BAUGHMAN: Has any work been
17 performed at that interim time?

18 MR. HANCOCK: No.

19 CHAIRMAN BAUGHMAN: Any questions
20 regarding the quality control manual or --

21 MR. COLLINS: I was looking under the
22 welding section and I noticed, do you have any
23 provisions or controls in there to address
24 interruption of welding; specifically on Section One
25 equipment?

1 MR. HANCOCK: You talking about in our
2 code manual or in the QMS.

3 MR. COLLINS: In the quality control
4 manual.

5 MR. HANCOCK: There is actually -- so
6 there was a little confusion on my part. When I sent
7 that in, I actual sent in a QMS, which actually
8 handles everything that the company does. And then I
9 recognized, oh, you guys need to see my code manual.
10 So that will actually be -- that's the one that's
11 actually signed and approved by AS and the NDIC and
12 everything else.

13 I don't believe we do, but --
14 regardless, I don't believe we do on the interruption
15 of welding, but I would look at --

16 MR. COLLINS: It's one item that's been
17 added probably since the- --

18 MR. HANCOCK: Since we were here last.

19 MR. COLLINS: Well, since the last joint
20 review.

21 MR. HANCOCK: Joint review, got ya.

22 CHAIRMAN BAUGHMAN: Any other points for
23 discussion?

24 Micah, can you think of anything.

25 MR. LASHLEY: Not that I can think of at

1 moment.

2 CHAIRMAN BAUGHMAN: Want me to give you
3 another moment?

4 MR. LASHLEY: I'm good.

5 CHAIRMAN BAUGHMAN: Mr. Henry, you are
6 good?

7 So with that, do via motion?

8 MR. HENRY: We are just being asked to
9 approve the application?

10 CHAIRMAN BAUGHMAN: Yes, sir. Motion in
11 whatever form.

12 MR. HENRY: Move that we approve this
13 application.

14 MR. COLLINS: Second.

15 CHAIRMAN BAUGHMAN: Very good.
16 Seconded.

17 All in favor say "aye."

18 IN UNISON: Aye.

19 CHAIRMAN BAUGHMAN: Okay. Those
20 opposed?

21 Absentia?

22 (No verbal response.)

23 CHAIRMAN BAUGHMAN: You have an approved
24 application to engage in the erection, repair and
25 alteration of boilers in the State of Tennessee.

1 MR. HANCOCK: Thank you.

2 CHAIRMAN BAUGHMAN: Thank you, Mike.

3 Thank for coming here. I hope you enjoyed Tennessee.

4 Thank you for taking the time to come over. Safe

5 travels back.

6 MR. HANCOCK: Thank y'all.

7 CHAIRMAN BAUGHMAN: The next on the

8 agenda is -- I hope I'm not pronouncing Triosim?

9 MR. ROUSE: Triosim.

10 CHAIRMAN BAUGHMAN: Triosim Corporation,

11 White Pine, Tennessee. Applying for license to

12 erect, repair and/or alter boilers and pressure

13 vessels in the State of Tennessee.

14 MR. ROUSE: So I'm Mike Rouse, the

15 regional manager.

16 CHAIRMAN BAUGHMAN: Mike Rouse.

17 MR. ROUSE: Rouse, yes, sir.

18 CHAIRMAN BAUGHMAN: Okay. Mike, you are

19 the one on the application representing -- how to you

20 pronounce it again?

21 MR. ROUSE: Rouse. The Triosim.

22 CHAIRMAN BAUGHMAN: Triosim.

23 MR. HEMENWAY: In Oklahoma we say

24 Triosim. Up here they say Triosim.

25 CHAIRMAN BAUGHMAN: I don't know how the

1 court reporter will record that, but okay.

2 All right.

3 MR. HEMENWAY: I'm Dustin Hemenway, the
4 quality control manager for Triosim.

5 CHAIRMAN BAUGHMAN: All right. Dustin.

6 MR. LAWSON: I'm Matt Lawson, project
7 manager for Triosim.

8 CHAIRMAN BAUGHMAN: All right. Any
9 conflicts of interest?

10 (No verbal response.)

11 CHAIRMAN BAUGHMAN: Motion to discuss?

12 MR. LASHLEY: Motion.

13 MR. COLLINS: Second.

14 CHAIRMAN BAUGHMAN: All right.

15 MR. HEMENWAY: We are here to get our
16 license for the State of Tennessee to repair and
17 install boilers we need to install. I think we
18 mostly do repairs and just kind of started doing code
19 work. So that's why we are here. We have our
20 license in Oklahoma, but not in Tennessee.

21 MR. HENRY: How long have y'all been
22 doing this work?

23 MR. HEMENWAY: In Oklahoma we've been
24 doing it for quite a while. Up here, as far as I
25 know, just got started.

1 MR. HENRY: It's been through two joint
2 reviews, so four years.

3 CHAIRMAN BAUGHMAN: Chance, did you have
4 a question?

5 MR. DEASON: No, I was just going to ask
6 them not to talk over each other. It makes it real
7 hard to have an accurate transcript.

8 MR. HEMENWAY: I understand.

9 MR. DEASON: Thank you. Sorry to
10 interrupt.

11 MR. COLLINS: I know that you mentioned
12 that it's mostly boiler work, Section One, or is it
13 going to be Section Eight as well?

14 MR. HEMENWAY: Yes. It will be both.

15 MR. COLLINS: Any Division II or
16 Division III.

17 MR. HEMENWAY: No.

18 MR. COLLINS: I was only pointing out
19 because I notice there weren't any provisions for
20 Division II or III.

21 MR. HEMENWAY: Correct.

22 MR. COLLINS: For code alterations, do
23 you all have inhouse design or to you subcontract
24 that out?

25 MR. HEMENWAY: Subcontract.

1 CHAIRMAN BAUGHMAN: You just recently
2 got your stamps for Tennessee back in March?

3 MR. ROUSE: Renewed, yes, sir.

4 CHAIRMAN BAUGHMAN: They were renewals.

5 MR. ROUSE: Renewed, yes.

6 CHAIRMAN BAUGHMAN: Who was your AI? I
7 see the --

8 MR. HENRY: Chris Hayden. Christopher
9 Hayden.

10 CHAIRMAN BAUGHMAN: With all of the
11 movement in the industry...

12 MR. ROUSE: He's relatively knew to
13 Bureau Veritas.

14 CHAIRMAN BAUGHMAN: Thank you.

15 MR. COLLINS: Just a point of
16 clarification: You mention no heat treatment
17 requirement, so not even subcontracted. So you don't
18 take any jobs that require heat treatment?

19 MR. ROUSE: We don't do any jobs that
20 require heat treatment.

21 MR. LASHLEY: I don't see this in my
22 paperwork, but has the actual application been
23 completed?

24 MR. HEMENWAY: Yes.

25 MR. COLLINS: I think it was sent in at

1 a later date or we received it in a separate e-mail.

2 MR. LASHLEY: Okay.

3 CHAIRMAN BAUGHMAN: Yeah, I printed mine
4 off.

5 How many folks do you have there in
6 White Pines?

7 MR. LAWSON: We employed about 15 full
8 time and about half a dozen part time. Out of the
9 White Pine office, we work mostly in the southeast in
10 the paper mills and the in the chemical industry.

11 But the company as a whole have quite a
12 few. We operate throughout the United States and
13 Canada. So we are a small branch of the entire
14 company.

15 MR. HEMENWAY: We are the only Tennessee
16 location that they have -- we are the only Tennessee
17 office that they have.

18 CHAIRMAN BAUGHMAN: What is White Pines
19 close to?

20 MR. ROUSE: Morristown, Knoxville.
21 Knoxville is about 45, 50 minutes.

22 CHAIRMAN BAUGHMAN: Not in the --

23 MR. ROUSE: Well, it's Jefferson County.

24 CHAIRMAN BAUGHMAN: You're where the
25 living is good. Little hillier than Oklahoma.

1 MR. ROUSE: Yeah, land between the
2 lakes.

3 CHAIRMAN BAUGHMAN: All right. Fellas,
4 any other questions?

5 QC manual looks good.

6 MR. COLLINS: One thing I did want to
7 touch on: I kind of already touched on this on the
8 last item, but as far in regard to Section One work,
9 I know that there are checklist requirements for the
10 joint review that address specific controlled or
11 measures for section one welding. And just making
12 sure that -- you know, to ensure that, you know, no
13 thermal cutting or welding is performed on material
14 with the metal temperatures below -- and measures are
15 provided that requires temperatures are not exceeded
16 during welding; and you all have those controls, they
17 are just not documented?

18 MR. HEMENWAY: Yes. We do a job and we
19 document it with temp sticks and so forth and make
20 sure it contains within the stated --

21 MR. COLLINS: Okay.

22 CHAIRMAN BAUGHMAN: Mr. Collins,
23 Mr. Henry, Mr. Lashley, thank you for input on this.
24 Do I have a motion to accept the application for the
25 license and to repair boilers and such in the State

1 of Tennessee?

2 MR. COLLINS: Motion to accept the
3 application.

4 CHAIRMAN BAUGHMAN: Motion to accept.
5 Second?

6 MR. HENRY: Second.

7 CHAIRMAN BAUGHMAN: Very good. Any
8 other discussions, conversations?

9 (No verbal response.)

10 CHAIRMAN BAUGHMAN: Very good. I will
11 call for the vote. All in favor say "aye."

12 IN UNISON: Aye.

13 CHAIRMAN BAUGHMAN: Opposed?
14 Abstentions?

15 (No verbal response.)

16 CHAIRMAN BAUGHMAN: Fellas, thank you so
17 much. You have an approved license to engage in the
18 erection repair and alterations of boilers and
19 pressure vessels.

20 Thank you very much for coming in
21 traveling both from out of state and from here to.

22 MR. ROUSE: One question. They sent us
23 with a check. Who does that go to?

24 MR. HENRY: Right over here.

25 MR. ROUSE: I've got it right here.

1 CHAIRMAN BAUGHMAN: Thanks again. Safe
2 travels.

3 Next on the agenda. Universal Machine &
4 Tool, Incorporated, Kingsport, applying for a license
5 to engage in the erection of boilers in the State of
6 Tennessee. Introduce yourself again, please.

7 MR. MCDAVID: My name is Shane McDavid,
8 I am the QCM and shop manager for Universal Machine.

9 CHAIRMAN BAUGHMAN: Thank you, Shane.

10 MR. FLANARY: I'm Jeff Flanary. I am
11 the CWI and the quality control inspector for
12 Universal Machine.

13 CHAIRMAN BAUGHMAN: I will ask for any
14 conflict of interest.

15 MR. COLLINS: Possibly. I have done --
16 Eastman has does business with --

17 CHAIRMAN BAUGHMAN: Should they --
18 should he discuss how that business is done to
19 determine whether it's an actual conflict or not?

20 MS. OWENS: He determines himself
21 whether or not it is a conflict. But since he feels
22 that it is, he can engage in discussions, he just
23 should abstain from the vote.

24 CHAIRMAN BAUGHMAN: Very good.

25 So you feel it's a conflict?

1 MR. COLLINS: Yeah.

2 CHAIRMAN BAUGHMAN: Very good. Thank
3 you for identifying that. We will note the conflict
4 of Mr. Collins who can discuss but not vote.

5 So motion to discuss?

6 MR. COLLINS: So moved.

7 MR. HENRY: Second.

8 CHAIRMAN BAUGHMAN: Would -- Shane and
9 Jeff, would you make your presentation please?

10 MR. MCDAVID: We have a U- and R-stamp.
11 We've had our program, I think, for about five years
12 now. When we did our first pressure vessel, we also
13 found out we had to have an MB stamp, which we were
14 unaware of. And then Bureau Veritas, Chris Hayden,
15 aforementioned, he e-mailed us and asked us if we had
16 a Tennessee license for R and we did not. So that's
17 how we became here.

18 MR. FLANARY: We have not done any
19 R-work in the State of Tennessee, so we are not out
20 of compliance. We have not done any R-work in the
21 State of Tennessee yet.

22 CHAIRMAN BAUGHMAN: Very good. So no
23 work had been previously done in --

24 MR. FLANARY: No, not by Universal on
25 pressure vessels. We don't do pressure vessel work

1 for Domtar.

2 CHAIRMAN BAUGHMAN: So no repairs or --
3 very good.

4 So you do not possess a mechanical
5 contractor license?

6 MR. MCDAVID: No, but it is our
7 intention to seek that. I actually have that -- the
8 two prerequisite tests coming up this weekend. So
9 that will be coming in the future.

10 But it was my understanding that we
11 could apply for the license without one and then
12 notify the board once we obtained it.

13 CHAIRMAN BAUGHMAN: Very good.
14 Universal -- you mentioned that -- let me back up and
15 ask the question. Have you performed or has
16 Universal performed repairs without having an R-stamp
17 before?

18 MR. FLANARY: No.

19 MR. MCDAVID: We have done R-stamp work
20 but in the state of Virginia.

21 CHAIRMAN BAUGHMAN: Got ya. Did you
22 ever do any repairs without having an R-stamp in any
23 state?

24 MR. MCDAVID: No, sir.

25 CHAIRMAN BAUGHMAN: Okay. I had to ask.

1 It's the right answer.

2 MR. COLLINS: I noticed on your quality
3 manual, so you strictly only state Section Eight of
4 -- so no Section One -- only pressure work?

5 MR. FLANARY: We don't do no Division
6 II, is that what you are --

7 MR. COLLINS: Section One power boiler
8 work.

9 MR. FLANARY: We typically don't do no
10 power boiler work, it's just pressure vessel.

11 CHAIRMAN BAUGHMAN: So I will expand
12 upon that, Jeff, on the word "typically."

13 MR. FLANARY: We have never been asked
14 to do any boiler work.

15 MR. COLLINS: So one thing -- just as
16 far as your scope goes on your quality manual, you
17 would want to -- you would want to state that. And I
18 mean definitely the first location would be at the
19 front whenever it's specifically addressing code
20 section eight, did one -- that kind of specifies you
21 to only address pressure vessels.

22 CHAIRMAN BAUGHMAN: So I guess what he's
23 getting at is: If you are asked to do a Section One,
24 you mentioned we haven't been asked to. But if you
25 get asked to, then your hands are somewhat tied --

1 MR. COLLINS: It would be -- you would
2 need to go back to Bureau Veritas to discuss with
3 your AI, revise your manual, have them reaccept it
4 and so on and so forth.

5 CHAIRMAN BAUGHMAN: Before that repair
6 is made.

7 MR. COLLINS: Correct.

8 MR. MCDAVID: Is that before the repair
9 is made on the boiler or on a pressure vessel?

10 MR. COLLINS: On a boiler. Your manual
11 looks good for pressure vessel.

12 MR. MCDAVID: Okay.

13 MR. COLLINS: As it fairly addresses the
14 various topics and items that are required for such.

15 MR. MCDAVID: Sure.

16 CHAIRMAN BAUGHMAN: Well, that would be
17 a pressure vessel that is eight --

18 MR. COLLINS: Right pressure vessel as
19 in regard to it being defined in Section Eight.

20 MR. FLANARY: And Division I.

21 MR. COLLINS: Division I too. Giving a
22 little time of the --

23 CHAIRMAN BAUGHMAN: I heard a cricket.
24 I thought I would say something.

25 Any other -- go ahead, Mr. Collins.

1 MR. COLLINS: As far as your repair, and
2 assuming that you are using the template right out of
3 the NDIC, part III?

4 MR. FLANARY: Yes.

5 MR. COLLINS: Okay. I didn't know if
6 there were any variation to that. Of course the
7 R. -- or your company number, registration number,
8 but if there is any variation, you would want to
9 include that as well. As far as example, templates
10 like in the figure section. But you are using it
11 straight out in the MBRP, it's fine.

12 CHAIRMAN BAUGHMAN: Mr. Henry, things
13 look well with you?

14 MR. HENRY: Good for me. Thanks.

15 CHAIRMAN BAUGHMAN: Mr. Collins, any
16 other comments, discussion, concerns?

17 (No verbal response.)

18 All right. With that, I will call for
19 the motion.

20 MR. LASHLEY: So moved.

21 CHAIRMAN BAUGHMAN: Motion to accept the
22 application?

23 MR. HENRY: Second.

24 CHAIRMAN BAUGHMAN: Second by Mr. Henry.
25 Then I will call for the vote. All in favor, say

1 "aye."

2 IN UNISON: Aye.

3 CHAIRMAN BAUGHMAN: Nays? Abstentions?

4 Mr. Collins?

5 MR. COLLINS: Abstain.

6 CHAIRMAN BAUGHMAN: With that, Shane and

7 Jeff, you guys have an approved license.

8 MR. MCDAVID: Thank you.

9 CHAIRMAN BAUGHMAN: Thank you both for
10 taking the time.

11 Next item is deleted off of the agenda.
12 J&S Professional Services.

13 So then we will then move to item D,
14 board cases.

15 Everybody good on moving forward?

16 Okay. D, Board Cases. First one is BC
17 05-11 Eastman Tennessee Owner-User Repair Form in
18 lieu of NB "R" Form.

19 So with that board case, I take it
20 Mr. Collins should be discussing. And you can
21 discuss from here just fine.

22 First of all, do we have to call for a
23 conflict of interest on board cases or not?

24 MR. DEASON: I mean, I think -- I mean,
25 I think putting it on the record is not going to hurt

1 anything.

2 CHAIRMAN BAUGHMAN: Very good.

3 So being as such, I didn't know if that
4 would cause him to declare a conflict of interest is
5 where I was going with the whole process.

6 So I will ask that, for one conflict of
7 interest.

8 MR. COLLINS: I have a conflict of
9 interest.

10 CHAIRMAN BAUGHMAN: Good. Motion to
11 discuss?

12 MR. DEASON: So as far Mr. Collins,
13 can't -- he can discuss, present, but not vote.

14 CHAIRMAN BAUGHMAN: Not vote. Thank
15 you.

16 All right. Riley.

17 MR. COLLINS: This was in order to
18 address and specifically an extension to an existing
19 board case 05-11, where in that board case it was the
20 acceptance of the Eastman Chemical repair operation
21 form in lieu of form R-1, NBIC form R-1. This is an
22 additional or follow-up inquiry where the nameplating
23 of such repairs that are documented on repair
24 authorizations are to the discretion of the inspector
25 responsible for the inspection of the unfired

1 pressure vessel.

2 I will read that verbatim. The
3 additional wording would be Inquiry 2: Are
4 nameplates and stamping optional for repairs to
5 unfired pressure vessels that are within Eastman
6 Chemical Company's Tennessee Owner-User Program?
7 Yes. They reply to is: Yes, but only with
8 concurrence of the inspector responsible for the
9 in-service inspection of the unfired pressure vessel.

10 CHAIRMAN BAUGHMAN: That's really the
11 point of discussion here is Inquiry Number 2.

12 I take it everybody has read it. The
13 BC-05-11. Discussion?

14 MR. HENRY: For -- the third-party
15 programs.

16 MR. COLLINS: For the owner/users
17 program it would be the inspector that is employed by
18 Eastman who has a Special -- who is the Special state
19 inspector per --

20 CHAIRMAN BAUGHMAN: So this -- from what
21 I understand, this board case is very specific to
22 Eastman. It's not covering all of the other
23 owner/user programs. But it is a board case specific
24 to Eastman Chemical; is that correct?

25 MR. COLLINS: That's correct. And we

1 presented and brought it to the --

2 CHAIRMAN BAUGHMAN: Yes, okay. I just
3 wanted to clarify that this wasn't painting a -- a
4 brush stroke for all owner/user-type installations.

5 Gentlemen, any discussions, concerns? I
6 see the gears going. But is there anything that is a
7 concern with this.

8 MR. HENRY: Just a quick question: What
9 is the goal around this?

10 MR. COLLINS: To have in wording and
11 also to allow for our inspectors to decide whether --
12 for instance if they are replacing tubing in a boiler
13 they would want that nameplated.

14 MR. HENRY: Okay. And what criteria do
15 they bring to make that decision?

16 MR. COLLINS: The extent of the repair.
17 And if it is a -- if they see it as resetting or
18 restarting the expansion of that period of time or
19 that period of life that this component can continue
20 to operate at.

21 MR. HENRY: I see.

22 CHAIRMAN BAUGHMAN: Does Eastman ever
23 sell any of this equipment?

24 MR. COLLINS: They do not. They are not
25 allowed to sell any Tennessee standard, equipment

1 that is Tennessee standard. But it would be stamped
2 and then built for our quality chain and, you know,
3 that's been inspected maybe by our third-party for
4 insurance, those, yes.

5 CHAIRMAN BAUGHMAN: Okay. So if you had
6 an unfired pressure vessel that had a repair done to
7 it but it didn't have a stamp on it, that vessel
8 could still get sold out into the marketplace if it
9 had been registered in the State of Tennessee?

10 MR. COLLINS: That's correct.

11 CHAIRMAN BAUGHMAN: But the repair
12 wouldn't necessarily be --

13 MR. COLLINS: We would supply all
14 documentation. Although it doesn't have the repair
15 nameplate, it has our Eastman site nameplate on it
16 which then ties into our database of all of our
17 inspection records.

18 MR. LASHLEY: Could retroactive stamping
19 be added if -- if in this case you're selling
20 something on the open market that has repairs, would
21 you attach some sort of notification for stamping or
22 just supply the documentation?

23 MR. COLLINS: We currently do not do
24 that. But as far as that being done you -- we would
25 probably have to go through the same process as a

1 missing nameplate with NBIC going through that
2 process to -- then we would have all of that
3 information on hand, so it wouldn't be an issue to
4 procure -- to perform that function.

5 MR. LASHLEY: Just that would just raise
6 some concern with the next inspector if you're
7 purchasing a used piece of equipment and it has
8 repairs you do have the documentation. But, you
9 know, that raises a flag for the future inspector,
10 where is your stamp.

11 CHAIRMAN BAUGHMAN: So at some point we
12 had a little discussion of when repairs were done and
13 registering those with the State of Tennessee, if I'm
14 not mistaken, so that we knew their documentation
15 when repairs were sent in.

16 We recently got a boiler in that the guy
17 said, man, I crossed the T's dotted the I's on this
18 repair. Well, he didn't dot the lowercase J and he
19 didn't have the repair tag on it. The repair was
20 done ten year ago. His AI company -- the insurance
21 company did not keep records past five years, we
22 didn't have the Travelers, didn't have the
23 information and there was no R-Stamp tag to the
24 boiler. So we got to talking about, how do we
25 account for this? How can we try to keep things from

1 this occurring in the industry.

2 But I guess the point what I am thinking
3 of is: I'm an end user, I'm buying a piece of
4 equipment, it's been repaired. We are relying on the
5 company, in this case, Eastman, supplying us with all
6 of documentation on it. And wherever that unit goes,
7 is that going to be sufficient? Say it comes into
8 the State of Tennessee, are we going to accept that
9 so forth and so on? I'm just trying to --

10 MR. COLLINS: Yeah.

11 CHAIRMAN BAUGHMAN: So again, those are
12 just things food for thought.

13 Mr. Toth?

14 MR. TOTH: Yes, just a question. I was
15 the chief inspector at the time of the -- the initial
16 interpretation mentioned pressure vessels outside of
17 the owner/user program. What pressure -- and I
18 forget, it's been quite a while, what pressure
19 vessels are they speaking of? Are they speaking of
20 something outside of Tennessee standard? And so
21 that's kind of the gist of what you guys are talking
22 about right now. Of course it excludes boilers, but
23 it also excludes pressure vessels outside of the end
24 user programs. So I didn't know what the --

25 MR. COLLINS: Really as far as vessels

1 outside of the owner/user program, none of our
2 pressure vessels are outside of our owner/user
3 program.

4 CHAIRMAN BAUGHMAN: So as it stands, all
5 repair authorization forms required must be stored
6 and made available upon request by the chef and/or
7 the department. So all those forms are there, all we
8 are saying is we are not putting a stamp on -- and
9 again, what was the impetus for not putting a stamp
10 on it?

11 MR. COLLINS: I will be honest, I'm not
12 sure.

13 CHAIRMAN BAUGHMAN: I'm just curious.
14 It doesn't --

15 MR. COLLINS: This is something.

16 MR. LASHLEY: Stamp is retiring.

17 MR. COLLINS: This is something that has
18 been formed and done on all of our agency equipment
19 for -- since the beginning of our owner/user program
20 and I wanted to get some wording established in order
21 to -- in order to have something to point to that
22 would address this. Because I -- there was currently
23 no wording that I could rely on or point back to that
24 covered why we do this.

25 CHAIRMAN BAUGHMAN: That's excellent

1 and that's great discussion. Because whether you
2 agree with it or not, you know, is something else --
3 so I understand you're in a position of it's been
4 going on I need to address this. Has it been right?
5 Questionable, again. But you've -- you've done a
6 competent job of bringing this to the attention of,
7 we need to get this addressed. We can't keep status
8 quote without putting this in place and I commend you
9 for that.

10 MR. COLLINS: I think I was the first
11 one to ask the question unfortunately.

12 CHAIRMAN BAUGHMAN: Yeah, I understand
13 especially in a corporate environment, but I like
14 that. So being that said, all of this has already
15 been going on. This isn't anything -- this is -- so
16 what we are doing is we are taking it and moving it
17 forward. I don't know how you would address anything
18 in retrospect or if it is something that gets
19 addressed. But it's already been happening and so
20 what we are doing is addressing the present.

21 MR. COLLINS: When I asked Brian
22 Morelock about it, he did indicate that it was
23 addressed in -- or not addressed, but that the
24 owner/user program, whenever it was put into place,
25 that this was the implication.

1 MR. HENRY: All right. Well, I move
2 that we accept this inquiry.

3 CHAIRMAN BAUGHMAN: Okay. Any other
4 discussion on consequences, ramifications so forth?
5 This is specific to Eastman.

6 MR. LASHLEY: Right. How long are
7 repair records kept? Indefinitely?

8 MR. COLLINS: Indefinitely.

9 CHAIRMAN BAUGHMAN: So Mr. Henry has put
10 the motion.

11 MR. LASHLEY: Second.

12 CHAIRMAN BAUGHMAN: Second by Mr.
13 Lashley.

14 Further discussion, comments, concerns?
15 (No verbal response.)

16 CHAIRMAN BAUGHMAN: All right. I will
17 call for the vote. All in favor, "aye."

18 IN UNISON: Aye.

19 CHAIRMAN BAUGHMAN: Nays? Abstentions?

20 MR. COLLINS: Abstention.

21 CHAIRMAN BAUGHMAN: So there we have
22 board case 05-11 approved as inquiry number two.

23 Restroom break it's called for. Let's
24 go for 10, 12 minutes.

25 (Break was taken.)

1 CHAIRMAN BAUGHMAN: Thank you all for
2 taking the time and working through our meeting here
3 in the timeframe of what we are working with.

4 So we finished up BC 05-11. We are now
5 moving to BC 12-18 extension to BC 01-15 and
6 Tennessee two inquiries. So let's -- motion to
7 dis -- for one, there is no conflict of interest I
8 take it. Motion to discuss?

9 MR. COLLINS: So I'm a presenter of this
10 item. Would that automatically be a conflict?

11 CHAIRMAN BAUGHMAN: Just because you are
12 presenting?

13 MS. OWEN: Discuss, but not vote.

14 CHAIRMAN BAUGHMAN: So if you produce
15 the BC, you cannot vote on it?

16 MS. OWEN: Correct.

17 CHAIRMAN BAUGHMAN: That in itself is --

18 MR. DEASON: If you are pushing it
19 forward proposing it, that would come to be an
20 automatic conflict.

21 CHAIRMAN BAUGHMAN: Even if it's a
22 clarification?

23 MR. DEASON: For a report --

24 CHAIRMAN BAUGHMAN: Clarification for
25 any information? I guess I'm look at it for the

1 future, also. If we've got something that's not
2 necessarily a conflict, in other words, it doesn't
3 pertain specifically to my company, do I need to look
4 at having that board case presented from outside?

5 MS. OWENS: So it's still an item that
6 you are carrying, so you have an interest in it
7 because you're carrying it. So there is -- and think
8 about it this way too: Typically when you are
9 presenting an item, you are sitting at this table.
10 This table doesn't vote. He's not going to move
11 physically, but just think about it in that regard as
12 well.

13 CHAIRMAN BAUGHMAN: Okay.

14 MR. DEASON: It's -- if you're proposing
15 it, it's almost impossible to have --

16 MS. OWENS: You are not going to vote
17 against yourself.

18 MR. DEASON: Right. Your -- the motion
19 is obviously to somewhat go through them and, you
20 know, a discussion in --

21 CHAIRMAN BAUGHMAN: That what is I'm --
22 go ahead I'm sorry.

23 MR. DEASON: It would be difficult to --

24 CHAIRMAN BAUGHMAN: So what I'm looking
25 at in particular then, we are in the boiler industry

1 and we don't perform pressure vessel repairs, but we
2 are in the industry. But if we were presenting a
3 board case and we did do repairs, then it would fall
4 under the same thing of saying, you can't vote on it,
5 you can discuss on it. But if we have somebody else
6 present this as a board case, then it would be okay
7 to discuss and vote, correct?

8 MR. DEASON: Somebody from your own
9 company? That would maybe be a little tricky.

10 MS. OWENS: I think we can have this
11 conversation in a different forum.

12 CHAIRMAN BAUGHMAN: Yeah. Okay. Good,
13 and I appreciate that too. I am just wanting
14 clarification so that we are able to have a competent
15 discussion and confident vote because we are all in
16 the boiler industry in some capacity.

17 MR. DEASON: Certainly you can have a
18 vote on issues that affect your particular
19 occupation, your company absolutely. I mean, you
20 have to be in the industry -- you have to be in that
21 position to qualify to sit on -- so obviously that's
22 going to happen. If you are a proponent of the
23 motion or board case or whatever, that's --

24 CHAIRMAN BAUGHMAN: But not on an
25 interpretation. On a board case is one thing, but on

1 interpretation, IE, and we had clarifications on --
2 and again, let's not talk about this any --

3 MR. DEASON: Yeah, we can -- yeah, we
4 should we should probably take this --

5 CHAIRMAN BAUGHMAN: Thank you, Melissa,
6 for that input on there.

7 So moving on BC 12-18. Motion to
8 discuss? You already gave a conflict.

9 MR. COLLINS: I don't have a conflict.
10 It's just interest as being the presenter of this
11 item.

12 CHAIRMAN BAUGHMAN: So he will discuss
13 and not vote.

14 MR. HENRY: Second.

15 CHAIRMAN BAUGHMAN: Second. We are good
16 to discuss.

17 MR. COLLINS: I will go ahead and
18 proceed. So for BC 12-18 is already in existence and
19 is addressing the acceptance of routine repairs in
20 Tennessee. What I did is: First of all, in the
21 actual background -- yeah, in the background of this
22 item, I updated it to match the existing wording in
23 the current edition of the NBIC, because some of the
24 wording had changed and there were also some
25 additional items that were added to the routine

1 repairs that are directly referenced -- the section
2 is directly reference by this board case.

3 And then what I did is specifically in
4 regard to Inquiry Number 1, I didn't make any changes
5 to it, but I'm going to read it because there is a
6 change to the reply number. You know, Number 1 says:
7 May a repair organization that possess a State of
8 Tennessee license to engage in the erection and
9 repair of boiler and pressure vessels be allowed to
10 routine repairs as defined in Section 3.3.2 of part 3
11 of the NBIC repairs and alterations within the State
12 of Tennessee. And then reply one used to read, yes.

13 The addition language that I am adding
14 to reply one is: Yes, but exclusive use of direct
15 visual examination parenthesis VT as an NDE method is
16 not permitted.

17 Additionally inquiry Number 2, is new.
18 It says: Does the State of Tennessee allow for
19 nameplates and stamping requirement to be waived for
20 routine repairs per NBIC part 3, section 5.7.2(b)?
21 And then the reply to that is yes, nameplate and
22 stamping requires may be waived for routine repairs,
23 but only with concurrence of the inspector
24 responsible for the inservice inspection of the
25 boiler or pressure vessel.

1 MR. LASHLEY: So with reply 1, does
2 3.3.2 of part 3 plainly state that direct visual
3 examination is not permitted?

4 MR. COLLINS: So 3.3.2 of part 3 says
5 that's routine repairs -- that direct visual
6 examination is actually allowed as being the only NDE
7 for routine repairs. And what we are saying is the
8 State of Tennessee is not going to allow this for --
9 only VT to be done on NDE repairs.

10 MR. HENRY: What would State of
11 Tennessee required the --

12 MR. COLLINS: What?

13 MR. HENRY: You're saying -- you're
14 saying that you can't use the VT exclusively in order
15 to repair; so what would we require?

16 MR. COLLINS: I would have to read -- I
17 would have to read that section of NBIC because I'm
18 pretty sure it addresses --

19 MR. HENRY: Would it be better stated
20 this way simply to say per the appropriate party NBIC
21 for routine repairs the following could be --

22 MR. COLLINS: Actually I think I'm
23 mistaken by saying that that is found in 3.3.2
24 because that's included verbatim within the
25 background. I think that's actually stated under any

1 methods that are acceptable to NBIC repairs. So that
2 is a separate section. That would be something I
3 would want to use the correct language on it. And if
4 we want to rework that --

5 MR. HENRY: It reads -- it's almost like
6 taking request for -- so VT is not exclusive, what is
7 required for routine repairs?

8 CHAIRMAN BAUGHMAN: Mr. Toth?

9 MR. TOTH: Yeah, as I mentioned, I was
10 the submitter of this board case back in 2012. The
11 intent of that was VT was going to be used as any
12 type of nondestructive examination. And the thought
13 was there's situations where you should be using PT
14 or in cases of NT and companies would go to -- and
15 then would say, well, we visually inspected it so
16 that was appropriate.

17 And so not allowing for VT to be the
18 only means NDE, okay. That's why that was put in
19 there. Because there was other means of NDE that was
20 more appropriate for the work action, not just
21 allowing them to use VT.

22 MR. HENRY: So I understand what you are
23 saying, but there are certain circumstances that
24 would be not only approved, but require to use other
25 methods as dictated by circumstances. Well, maybe we

1 could just modify the word like that to state it that
2 way?

3 MR. TOTH: That is also changed, part
4 3.3.2 part 3 has changed since 2012. So it would
5 probably be prudent to make sure that it follows this
6 board case.

7 Now, again, I say this many times and we
8 have talked about board cases interpretations: The
9 intention of those were to eventually have them work
10 their way into the written rules and regulations, and
11 it hasn't. So therefore, you're going to have to
12 change things from time to time to keep up with code
13 changes.

14 CHAIRMAN BAUGHMAN: Thank you Marty.

15 MR. TOTH: Any time, Mr. Chairman.

16 MR. HENRY: Based on what Marty said, I
17 would suggest that we -- and it doesn't have to be in
18 the line --

19 MR. DEASON: Sir, our court reporter
20 says she can't make out what you are saying.

21 MR. HENRY: Sorry about that.

22 Some something like that. And it's an
23 -- wording, but I would say yes, but in addition to
24 VT, other methods of ND may be required for routine
25 repairs when circumstances dictate something like

1 that.

2 MR. COLLINS: Or what I was thinking:
3 So yes, but exclusive use of direct visual
4 examination of -- as an NN method is not permitted.
5 Routine repairs are required to be tested and
6 examined per NBIC part 3.

7 MR. HENRY: It's just that --

8 MR. COLLINS: Well, so NBIC part 3
9 allows for direct -- for exclusive use of VT for
10 routine repairs and that's what we are trying to
11 prevent.

12 MR. LASHLEY: For all routine repairs?

13 MR. COLLINS: Correct.

14 MR. HENRY: So it would never be a
15 routine repair that would be allowed to use VT?

16 MR. COLLINS: That's how I currently
17 have it written, but I am open to all experiences and
18 opinions as far as.

19 MR. HENRY: Yeah. Okay.

20 MR. LASHLEY: So yes, but additional
21 methods of NDE may be needed? May be required?

22 MR. COLLINS: Are you saying to remove
23 the --

24 MR. LASHLEY: Exclusive, because if NBIC
25 is allowing for, you know, sole VT to be perform but

1 we want to go above and beyond in certain cases.

2 MR. COLLINS: So what was your reply
3 one?

4 MR. LASHLEY: YES, but additional
5 methods of nondestructive examination may be
6 required.

7 MR. COLLINS: I still don't think that's
8 addressing prohibiting VT. And also, I don't know if
9 Jimmy or Alex want to speak to that, just as far as
10 the State not being comfortable with VT only?

11 MR. CASS: Yeah, so -- Alex.

12 We played around with a lot of different
13 verbiage on that previously. And in routine repairs,
14 there are lots of cutting and welding operations that
15 can be perform and considered a routine repair. And
16 we didn't want a pressure vessel having a torch or a
17 welding arc struck on it without having a more in
18 depth NDE performed like a hydro or UT or something
19 to verify that it was a good repair above and beyond
20 visual inspection. So that was our impetus of
21 changing that.

22 CHAIRMAN BAUGHMAN: Yes, Mr. Toth?

23 MR. TOTH: Add to that, the issue that
24 we've got to look at is the NBIC code is specifically
25 going to address repairs that are welded and also

1 replacement. And if it's required to have NDE upon
2 initial inspection, it's going to be required upon
3 repairs. So if it's required -- heat treatment or
4 NDE is required during the original, it's required
5 and it cannot fall under routine repair.

6 With that being said, the onus of this
7 specifically came from, I think, it was paragraph B
8 of 332. I would have to look it up guys, I'm sorry.
9 That specifically states that does not require post
10 low-heat treatment -- and I am paraphrasing, post
11 low-heat treatment or NDE, okay, other than visual
12 inspection. So that's where this exclusive from
13 where they were just going to use VT to do this. So
14 that's why it came back in 2012.

15 I do agree with Alex, whenever it
16 mentions: We don't want them welding on boilers
17 without having some other inspection then of VT. And
18 that was the concern back in 2012 when we put this
19 out. Was that we were going to see repair companies
20 be able to stretch their allowances as far as
21 possible. There is potential out there. And I think
22 when we wrote this, that that's where that came from.

23 CHAIRMAN BAUGHMAN: Do you know if NBIC
24 is changing that?

25 MR. TOTH: I do not. Again, we meet

1 next month. Riley and I both will be there and we
2 can look. I don't believe that it's changing
3 dramatically. The only thing worth routine repairs
4 that we've really been discussing is mechanical
5 repairs. And a lot of people want to run away from
6 that. So that is the thing I see changing.

7 CHAIRMAN BAUGHMAN: It might be worth
8 bringing up for discussion at NBIC.

9 MR. HENRY: We said yes, but VT cannot
10 be the only method of NDE applied is that --

11 CHAIRMAN BAUGHMAN: I think it works.
12 It works exactly right. It's very concise and --

13 MR. HENRY: I'm afraid some people
14 reading this is are going to get the wrong
15 impression.

16 CHAIRMAN BAUGHMAN: So again, that
17 wording would be.

18 MR. HENRY: Yes, but VT cannot be the
19 only method of NDE applied. Are you guys good with
20 that?

21 MS. DIEFENBACH: Did I get that correct?

22 MR. COLLINS: Yes, but I would say
23 direct visual examination, parenthesis, VT
24 examination.

25 Parenthesis VT.

1 And then delete the only NDE method.

2 CHAIRMAN BAUGHMAN: Any other discussion
3 on that?

4 Yes, sir.

5 MR. DEASON: Because people are going to
6 rely on this and looking at it, and then we will get
7 questions of interpretation. That's pretty broad
8 just from my perspective of having to interpret
9 things and having people interpret them. Would it be
10 possible examples including but not limited to that
11 sort of thing? Just to narrow it down as much as we
12 can. The more we can narrow things, the better we
13 put out to the public.

14 MR. COLLINS: Examples of other NDE
15 methods?

16 MR. DEASON: And I don't know, I'm just
17 asking.

18 MR. COLLINS: I would be in agreement,
19 but the NBIC is -- because I go back and forth even
20 of the background quoting the entire NBIC section
21 because we have to go back in and do a -- you know,
22 rework. So because, as far as, specifically routine
23 repairs, it will address the NDE methods that are
24 allowed for -- within the NBIC part 3, it will
25 address the NDE methods that are acceptable for NBIC.

1 And then after they read down through this, they will
2 see that, oh, okay. Direct VT can't be the only one.

3 MR. DEASON: Okay.

4 CHAIRMAN BAUGHMAN: Mr. Toth?

5 MR. TOTH: Yeah, while y'all were
6 discussing, I was able to find that exact code
7 reference. It's 3.3.2, paragraph 8 part E(1). And
8 if you would like, I would be happy to read that off
9 to give some substance and maybe it would help
10 Mr. Chance to understand where that comes from.

11 CHAIRMAN BAUGHMAN: Yes, go ahead
12 quickly.

13 MR. TOTH: While the repairs or
14 replacement of valves, fittings, tubes and pipes NPS
15 5 in diameter or smaller or sections thereof, where
16 neither post-weld heat treatment or NDE other than
17 visual is required by the original code of
18 construction. This includes there are -- clips,
19 skirts, et cetera, but does not include nozzles to
20 pressure retaining items.

21 So simply enough what it's saying is:
22 Is if you require post-weld heat treatment or NDE,
23 you cannot utilize that as a routine repair. Where
24 we ran into issues -- unless other than those that
25 require VT.

1 Where we run into -- specifically run
2 into issues is when we develop cracks in the
3 ligaments between fire tubes that are rolled into
4 place with no welding, that is one of the specific
5 examples of why you just don't do VT is because there
6 is the potential for those cracks and those ligaments
7 and also other gouging that occurs in the tubes if
8 they are over rolled.

9 CHAIRMAN BAUGHMAN: Thank you Mr. Toth.

10 MR. COLLINS: We also have this in our
11 wording of the routine repairs extension. So what he
12 read off, we've got a copy of also.

13 CHAIRMAN BAUGHMAN: So we good with this
14 on the reply?

15 MR. HENRY: Yeah.

16 CHAIRMAN BAUGHMAN: Like the way it's
17 worded?

18 MR. COLLINS: And also too, I know I
19 can't -- this is just a suggestion, considering the
20 previous item where a we made a modification to it
21 without having to give it a separate case number
22 saying extension of the current case number. On this
23 one, it says extension to BC 01-15, but yet BC 01-15
24 were per the meeting minutes, was supposed to be
25 deleted, so do we even want to still include that in

1 the title perpetuating a board case that's been
2 removed?

3 CHAIRMAN BAUGHMAN: I would say not
4 personally.

5 MR. COLLINS: And I don't know if that
6 needs to be a separate motion. And of course, I
7 can't vote on anything in relation to this. I
8 just don't know how that's handled regard to --

9 CHAIRMAN BAUGHMAN: Yeah.

10 MR. COLLINS: -- like additional items.
11 Or if there need to be motion first of all to the
12 wording changes and then on title and removal of
13 board cases that were supposed to be removed in the
14 past.

15 CHAIRMAN BAUGHMAN: Melissa, Ms. Owens,
16 do you have any input on that? On whether we can
17 make a deletion of a board case that's already been
18 deleted but hasn't been deleted on our website
19 information?

20 MS. OWENS: So you just want to change
21 the title of this one?

22 MR. COLLINS: So it would be the
23 changing the title of one. But initially BC 01-15
24 stated in the meeting minutes of -- I have them right
25 here. I am not sure which -- it was the same board

1 meeting that accepted BC 12-18, stating that BC 01-15
2 need to be removed. That -- that board case still
3 shows up in two different places on the website when
4 you click on routine repairs, that's linked on the
5 interpretations of cases and also in the larger
6 document that has board cases I think up to 2007, it
7 still shows up in that one as well.

8 I didn't know if that required a motion
9 to have those deleted?

10 MS. OWENS: From the website? We
11 currently have a project in this department cleaning
12 up our website. I will make a note that that needs
13 to be deleted.

14 MR. COLLINS: Okay.

15 CHAIRMAN BAUGHMAN: That will work.

16 MR. COLLINS: And with those being
17 deleted, then we want to revise the title to remove
18 extension to BC 01-15.

19 CHAIRMAN BAUGHMAN: We would just --
20 it's not an extension as it is, so it should stand on
21 its on, is my thinking. But that's just the way I
22 look at it. It's standing on its own.

23 MR. HENRY: Yeah, it makes sense.

24 CHAIRMAN BAUGHMAN: Do we keep it as BC
25 12-18 then as well?

1 So again, the Department will do its do
2 diligence on removing BC 01-15, which has been
3 priorly deleted. And we are going to make this just
4 strictly BC 12-18. And we've got our -- our reply as
5 noted.

6 And then do we want to vote on it
7 separately on that reply? I guess we do.

8 MR. LASHLEY: Yeah.

9 CHAIRMAN BAUGHMAN: Okay. Motion to
10 approve as the reply is written?

11 MR. HENRY: So moved.

12 CHAIRMAN BAUGHMAN: Second.

13 MR. LASHLEY: Second.

14 CHAIRMAN BAUGHMAN: All in favor, "aye."

15 IN UNISON: Aye.

16 CHAIRMAN BAUGHMAN: Nays? Abstention.

17 MR. COLLINS: Abstain.

18 CHAIRMAN BAUGHMAN: So we've got that
19 reply to 12-18.

20 Our next inquiry, Riley?

21 MR. COLLINS: Really, so I will read it
22 real quick. Does the State of Tennessee allow for
23 nameplate and stamping requirements to be waived for
24 routine repairs per NBIC part 3 section 7 -- or
25 5.7.2(b)? The reply to that is: Yes, the

1 requirements may be waived with routine repairs, but
2 only with concurrence of the inspector responsible
3 for the internal inspection of the boiler or pressure
4 vessel.

5 Again, this is the -- the NDIC does
6 allow for you to wave nameplate stamping
7 requirements, but it does say that it does -- it
8 requires acceptance by the jurisdiction.

9 CHAIRMAN BAUGHMAN: And you would still
10 have to fill out the travelers, have all of
11 documentation. All it's addressing is strictly the
12 tag, correct?

13 MR. COLLINS: That's correct.

14 CHAIRMAN BAUGHMAN: So again, if this
15 vessel gets resold out to the industry, whoever has
16 performed the repair, again, should have the
17 documentation, it's just not tagged.

18 And that's what we are dealing with now
19 on this boiler that's presently in our shop. It's
20 been repaired, but we've got no documentation. They
21 said they affixed a label to it, it doesn't have a
22 label. It was never attached, any holes in the
23 jacket or what have you.

24 So I feel like if they are doing it --
25 and it's got to be a certified company doing the

1 repair -- routine repair, it's mandated that it be
2 from an R-stamp company as it is. They are already
3 filling out the travelers and doing paperwork, why
4 not affix the stamp?

5 MR. LASHLEY: Yeah.

6 CHAIRMAN BAUGHMAN: That's my thoughts
7 on that. Again, so I've laid out my thoughts.

8 You guys?

9 MR. LASHLEY: No, I agree. Because you
10 have some documentation that they may only hold the
11 documentation for five to six years. And then
12 it's -- you know, it's gone -- you have an owner to
13 have the documentation as an owner trying to get less
14 value for a piece of used equipment and they don't
15 have an R-stamp attached to it, what's to say that
16 they won't say, no, it's never been -- it's in good
17 shape.

18 CHAIRMAN BAUGHMAN: Mr. Henry, thoughts?

19 MR. HENRY: What we allowed Eastman to
20 do and, so why wouldn't we allow it?

21 CHAIRMAN BAUGHMAN: Well, because again,
22 it's kind of throwing a broad-brush stroke into the
23 industry versus being very specific to Eastman, and
24 so that kind out of differentiates the two items.

25 MR. HENRY: I agree with you.

1 CHAIRMAN BAUGHMAN: Being that I -- we
2 have experienced this in the industry and are
3 actually currently experiencing that hit, I -- again,
4 that's my viewpoint.

5 So do you want to make a motion?

6 MR. LASHLEY: Motion to discuss or
7 motion to --

8 CHAIRMAN BAUGHMAN: No, just a motion on
9 whether we -- as far as the inquiry goes and the
10 reply, the reply is yes. Do you want to make a
11 motion of --

12 MR. LASHLEY: No.

13 CHAIRMAN BAUGHMAN: No?

14 MR. COLLINS: I mean, he could --

15 MR. LASHLEY: That would be my motion,
16 yes, sir.

17 CHAIRMAN BAUGHMAN: So we have a motion
18 to make the reply to the inquiry of no; do we have a
19 second to that?

20 MR. HENRY: I second.

21 THE COURT: We have a second. Anymore
22 discussion?

23 CHAIRMAN BAUGHMAN: I will call for a
24 vote. All in favor say, "aye."

25 IN UNISON: Aye.

1 CHAIRMAN BAUGHMAN: No? Abstention?

2 MR. COLLINS: Abstain.

3 CHAIRMAN BAUGHMAN: So the reply to that
4 inquiry number 2 is no.

5 All right. So that finishes up BC
6 12-18.

7 Moving on then to BC 25-01. Which again
8 the wording on it is a little funny. So again,
9 Riley, if you will discuss this or you've got a
10 conflict also presenting this.

11 MR. COLLINS: I do have conflict, yes,
12 as the presenter of this item.

13 CHAIRMAN BAUGHMAN: Okay.

14 MR. COLLINS: I do want to clarify just
15 with our previous discussion, I know it says
16 extension to BC 01-15 and then and BC 12-18. What's
17 on the board I would accept as the new title of this
18 and not having any reference to previous cases.

19 CHAIRMAN BAUGHMAN: Okay.

20 MR. COLLINS: And what I might do for
21 this one is maybe just let people read it,
22 considering that it's almost a brand new board case
23 that can stand on its own.

24 I know I reference multiple cases in the
25 background, but I'm not referencing any of those in

1 the inquiries. If you will scroll up to the
2 background. Right there. And I'll leave that up
3 there for right now so people can read it.

4 And I will give a little bit of
5 commentary on it. So BC 01-15, the one that was
6 removed, originally denied routine repairs in
7 Tennessee but went on to address how mechanical
8 repairs needed to be documented in the State of
9 Tennessee being documented on a form R-1. When BC
10 12-18 was accepted and passed, it then approved
11 routine repairs, but all of the wording and guidance
12 that addressed mechanical repairs was lost. So
13 neither addressing that they don't have to be
14 documented or they do have to be documented.

15 And so I'm just bringing that wording or
16 bringing that item back to the board to address. And
17 what we can do -- I mean, we can strike out any
18 references to past board cases that one of them is no
19 longer in existence if we want, or we can leave it up
20 there just for -- of course, just for the background
21 content.

22 But again, this would just be how do
23 mechanical repairs need to be documented and then how
24 do they need to be nameplated and stamped if so?

25 CHAIRMAN BAUGHMAN: Do we have a motion

1 to discuss? Did we can do this already.

2 MR. HENRY: So moved.

3 CHAIRMAN BAUGHMAN: All right. Thank
4 you.

5 MR. HENRY: This is the --

6 MR. COLLINS: If everyone is done in the
7 background, we can scroll on down to the inquiry and
8 replies.

9 CHAIRMAN BAUGHMAN: So for
10 clarification, this is still under BC 25-01?

11 MR. COLLINS: That's correct.

12 CHAIRMAN BAUGHMAN: I've got a listed
13 25-02.

14 MR. HERROD: It was a 25-02, then we
15 realized that there was never a 25-01.

16 CHAIRMAN BAUGHMAN: Okay. So it is --
17 25-02 is 25-01.

18 MR. HERROD: Correct.

19 MR. COLLINS: And the wording that AI
20 used for this first -- so for the first inquiry and
21 the first line was directly from -- pieced together
22 from that board case 1-15 in regard to its response
23 in how mechanical repairs are handled.

24 MR. HENRY: So --

25 MR. COLLINS: This is consistent with

1 what was in place from board case 1-15 to board case
2 12-18 in regard to mechanical repairs, not routine
3 repairs.

4 MR. HENRY: I got ya.

5 I would move that we approve this
6 inquiry and reply.

7 MR. LASHLEY: I second.

8 CHAIRMAN BAUGHMAN: Okay. So we've got
9 a motion to approve. We've got a second.

10 Any other discussion?

11 And this is just on -- are we voting on
12 inquiry 1 or 2?

13 MR. HENRY: I believe it's just inquiry
14 1.

15 CHAIRMAN BAUGHMAN: Just inquiry 1.

16 All right. We've got a motion and
17 second. Call for the vote. All in favor, say "aye."

18 IN UNISON: Aye.

19 CHAIRMAN BAUGHMAN: Nays? Abstentions?

20 MR. COLLINS: Abstain.

21 CHAIRMAN BAUGHMAN: All right. So we've
22 got inquiry number 1 for 25-01 is good.

23 Now inquiry number 2 nameplates and
24 stamps optional for mechanical repairs.

25 Mr. Toth?

1 MR. TOTH: I wanted to bring this up.
2 And I am sorry, we are kind of going backwards on
3 this, but you guys are talking about mechanical
4 repairs. I really think it would behoove you to make
5 sure you are talking about mechanical repairs to code
6 guidance. And because -- and the reason I say that
7 is because somebody can misinterpret this out in the
8 field and talk about putting on the safety valve and
9 putting on the control, something of that sense. And
10 you're really referring to those mechanical repairs
11 within the code pressure boundary.

12 So it just may just be something --
13 somebody may confuse that and think that they have to
14 go out and get a repair company to change safety
15 valves and that's not the case.

16 CHAIRMAN BAUGHMAN: Is there a
17 definition listed for them to reference between
18 mechanical and routine?

19 MR. TOTH: Between mechanical and
20 routine, there is not. And that is some of the issue
21 that Riley and I, and our counterparts are NBIC part
22 three are having.

23 CHAIRMAN BAUGHMAN: Okay.

24 MR. TOTH: So that's where some of the
25 confusion lies.

1 CHAIRMAN BAUGHMAN: I can see where that
2 would possibly confuse those in this industry.

3 So do we need to clarify anything within
4 the mechanical repair?

5 MR. HENRY: What are the rules on -- or
6 the -- what if we made motion on to --

7 CHAIRMAN BAUGHMAN: What are rules being
8 able to go back and revise?

9 MR. DEASON: Just make a motion to
10 reopen.

11 MR. HENRY: Move to reopen.

12 CHAIRMAN BAUGHMAN: All right. Second?

13 MR. LASHLEY: Second.

14 CHAIRMAN BAUGHMAN: All right. We've
15 reopen inquiry number 1 and reply to number 1.

16 MR. HENRY: Do you have a suggested
17 wording for us it?

18 MR. TOTH: I would put in there, Riley,
19 something to do with mechanical repairs within the
20 code boundary of the pressure retaining item in
21 consideration. I'm not a wordsmith, so I will
22 just -- I just kind of let you know that it's really
23 we are talking about code -- mechanical repairs to
24 parts within the code of the pressure retainer.

25 CHAIRMAN BAUGHMAN: Well, that could

1 extend to pressure vessel piping?

2 MR. TOTH: Not within the code boundary.
3 The piping would fall under external.

4 CHAIRMAN BAUGHMAN: Okay.

5 MR. TOTH: External powered piping.

6 CHAIRMAN BAUGHMAN: Okay. Go back to
7 relief valve.

8 MR. TOTH: Relief valve up to including
9 the face of the flange.

10 CHAIRMAN BAUGHMAN: If it's got a nipple
11 instead of a flange.

12 MR. TOTH: If it's got a nipple, we are
13 talking about the piping for the face of to screws,
14 the nipple.

15 CHAIRMAN BAUGHMAN: Okay. I just want
16 to make sure in our discussion and in our reply, I
17 want to make sure that not only we are clear for not
18 only the customer, but for the inspection industry
19 also. So...

20 MR. TOTH: Now, you kind of see where we
21 are at in the NBIC level.

22 CHAIRMAN BAUGHMAN: Yeah. So I just
23 want to make sure our reply is concise and clear as
24 its can be.

25 MS. OWENS: I have a point of inquiry.

1 CHAIRMAN BAUGHMAN: Yes, ma'am.

2 MS. OWENS: I just want to make sure --
3 I'm not sure I understand. Are we trying to define
4 something that is not defined in our broader
5 guidance? And do we have the authority to do that?

6 CHAIRMAN BAUGHMAN: So what you're
7 asking is: Is there a definition already of
8 mechanical repairs?

9 MS. OWENS: Yes. And if not, are we
10 trying to define something.

11 MR. TOTH: There is.

12 CHAIRMAN BAUGHMAN: So Mr. Toth replies
13 that there is a definition of mechanical repairs in
14 our code presently. There is a definition of routine
15 repairs in our codes presently. Should we give a
16 reference possibly to that in this inquiry and reply?

17 MS. OWENS: Yes. I would reference
18 instead of trying to redesign something that has been
19 defined.

20 MR. DEASON: I would recommend that you
21 table this until the publication of the -- 'til we
22 have the publication and the requirements for NBIC
23 2025 that will have a definition of mechanical
24 repairs.

25 CHAIRMAN BAUGHMAN: Wonderful.

1 MR. DEASON: So then you can come back
2 in September. I think that's a very good
3 recommendation by legal on that.

4 CHAIRMAN BAUGHMAN: Okay. I think
5 that's great. You guys in concurrence with that.

6 MR. HENRY: Yeah.

7 CHAIRMAN BAUGHMAN: So that being the
8 motion.

9 MR. LASHLEY: Motion.

10 CHAIRMAN BAUGHMAN: Motion to table.

11 MR. HENRY: Second.

12 CHAIRMAN BAUGHMAN: All right. All in
13 favor say, "aye."

14 IN UNISON: Aye.

15 CHAIRMAN BAUGHMAN: Abstentions?

16 MR. COLLINS: Abstain.

17 CHAIRMAN BAUGHMAN: Nos?

18 Okay. We are good.

19 We are tabling 25-01 to whatever future
20 meeting we bring it up to.

21 Great thank you for your input, Marty,
22 we appreciate that.

23 All right. Moving on to Item Number E,
24 board approval requests. We have no -- seeing that
25 we are all on the board and we are requesting this,

1 do we have to -- we are good.

2 This is a board approval request for a
3 fee increase. So we don't need a motion to discuss,
4 I take it.

5 Are you presenting Mr. Deason? You're
6 fine. I am just teasing.

7 MR. DEASON: This is what -- that I plan
8 to submit to the Secretary of State. So the fees are
9 in the rules 303.14. Fees were last revised in 2021.
10 The changes -- everything is staying the same pending
11 your approval. You will notice that in section 3 of
12 303-03.14 in the fees section, section 3(a), that
13 reducing the fee from \$60 to \$30. The reason was we
14 have statutory authority to charge the \$60, so we
15 need to get that back down.

16 And then in Part C, deleting external
17 inspection fee of \$35 and that's because both the
18 internal and external inspections are covered A and
19 B; is that correct, Tom?

20 MR. HERROD: That's correct.

21 MR. DEASON: And the last part we are
22 changing here from low-pressure vessels and unfired
23 pressure vessels from \$60 to \$80. So that's a \$30
24 change as of part A a -- reduction of \$30, and then
25 deleting the \$35 in Part 3 because it's redundant,

1 not necessary. And we are going from \$60 to \$80 in
2 Part D.

3 Other than that the rules will stay the
4 same as they have been since 2021.

5 CHAIRMAN BAUGHMAN: Thank you, Chance.

6 Under 3(a) of the boilers changing from
7 \$60 to \$30, what is the statutory amount? What is
8 the maximum amount that can be charged on that since
9 we are lowering it from \$60 to \$30.

10 MR. HERROD: It's \$30.

11 MR. DEASON: It's \$30.

12 CHAIRMAN BAUGHMAN: And that has been in
13 place for quite a while?

14 MR. DEASON: At least from -- yes, sir,
15 the \$60 has been in place for four years now.

16 CHAIRMAN BAUGHMAN: Well, I guess the
17 question being is that in 2007 it went to \$35 and
18 then 2008, \$40 and then 2021, \$60.

19 MR. HERROD: Mr. Chairman, mistakes were
20 made and now we are trying to just say that we did
21 have mistakes and trying to clear that up.

22 CHAIRMAN BAUGHMAN: So what I'm getting
23 at is if any customer comes and is saying, why are we
24 being charged less now, I know what the answer is,
25 but what --

1 MR. HERROD: I don't think we will have
2 many customers asking why we are being charged less.

3 CHAIRMAN BAUGHMAN: I don't either. But
4 again, I can either say, man, because we are doing a
5 great job and we've lowered costs. But again, it's
6 -- it was just something I wanted to bring up for
7 whatever purpose. I would ask that if I was being
8 charged the bill and all of the sudden it went down,
9 I would say why. And I could honestly say I don't
10 want to talk about it or I can say we are doing a
11 great job whatever the case may be.

12 I want to make sure somebody didn't get
13 up on their high horse and say can we get a rebate.
14 Can I get a refund on all of this? And again, I will
15 probably give them Jimmy's number. But at any rate,
16 that's fine. Is that a possibility? You know,
17 what's the answer if they say, you were overcharged?

18 MR. DEASON: I mean that's a \$30.

19 MR. HERROD: That's every two years.

20 MR. DEASON: Yeah an extra \$15 that -- I
21 mean, I guess they could -- somebody could take
22 action, but...

23 MS. OWENS: There is typically a
24 12-month statute of limitations on collection issues.

25 CHAIRMAN BAUGHMAN: Well, again, we are

1 here for safety, but we also want to address any of
2 the what-ifs, could-if, type of thing. I'm great
3 with it being lowered and I think that's a good
4 thing. And overall, you know, the only real change
5 is the deletion of the one and the increase for the
6 low-pressure heating boilers and unfired vessels.

7 So I'm in concurrence with this. You
8 guys got in any other discussions, motion?

9 MR. HENRY: Move to accept.

10 MR. COLLINS: Second.

11 CHAIRMAN BAUGHMAN: Riley seconds. All
12 right. All in favor say, "aye."

13 IN UNISON: Aye.

14 CHAIRMAN BAUGHMAN: Nos? Abstentions?

15 (No verbal response.)

16 CHAIRMAN BAUGHMAN: Great. We've got
17 new feet increase request passed.

18 Very good.

19 Moving onto 8, open discussions. There
20 is no items on it, but I'm going to bring up two
21 things for quick discussion. This was brought up and
22 has been discussed many times: Branden Matue, you
23 have been involved in some of this from an insurance
24 standpoint on inspections. But this has to do with
25 the requirement of asking for an NDE or deaerators.

1 And what we find is that under some research that
2 have we don't have anything in writing.

3 This really came about after we had the
4 catastrophic explosion with the DA in Murfreesboro.
5 And that insurance companies really started to get
6 involved and going, we want to have NDEs every five
7 years, which I think is a great idea, but there is
8 nothing in writing to back it up. So as we go in and
9 talk to the customer and we say we need to open this
10 up and have an NDE, they are going, where is it in
11 the code? We don't have anything to do go on.

12 Can you expand upon that some, Brandon?

13 MR. MATUE: Yeah. We brought it up at
14 the recommendation every five years and then pushed
15 it in that way, so it's loss prevention. So that's
16 the way people see above that.

17 CHAIRMAN BAUGHMAN: Okay. Mr. Toth?

18 MR. TOTH: I was just wondering: Does
19 that extend to an internal inspection of the
20 deaerator?

21 MR. MATUE: We do them every two years
22 internal still.

23 MR. TOTH: Internal still. That's what
24 I advise all of my clients on, is that they are
25 required to do the NDE and that's just pretty much

1 inspector can call for that at any time that they
2 feel just, but also the internal inspection. Not all
3 cases do they do a two year. I like that they do.
4 But I also -- I also advice five years.

5 CHAIRMAN BAUGHMAN: Yeah. And we can
6 advice -- again what we get is the pushback in the
7 industry, where is that written? It's -- what I
8 would look down the road is to have this addressed in
9 writing so that we've got some teeth to it on what
10 we're doing inspection wise. Chief, assistance
11 chief, input on that? Thoughts of advocacy, yes,
12 no?

13 MR. HENRY: I'm definitely putting two
14 years myself on the internal.

15 CHAIRMAN BAUGHMAN: Two years on the
16 internal, I agree. Anything on the NDEs?

17 MR. HENRY: Five years is what I've kind
18 of heard flown around the industry.

19 MR. TOTH: It's always nice to have
20 clarification that we can point to.

21 CHAIRMAN BAUGHMAN: I agree so we have
22 this -- we have what we think is already out there.
23 We've been reporting this five years for some time
24 now, but there is no reference to it. So that's just
25 future thought an discussion.

1 And then the next thing is: At some
2 point in time how we address these little
3 high-pressure section one boilers that are on these
4 trucks that are lining sewers -- relining sewers,
5 they are going from job site to job site. Some of
6 them are in state some of them from out of state.

7 But you've got these boilers,
8 high-pressure boilers that are operating throughout
9 our state. This came up because they are right down
10 the road from me. And you know, being a boiler guy,
11 I wanted to see what they had in it and you know,
12 this company is from Alabama. And I thought wow,
13 this thing has no Tennessee registration, so forth
14 and so on.

15 How do we address that? I don't know.
16 But I wanted to bring it up for discussion. That
17 also gets into clarification on the rental boilers
18 coming in. We know it has to been registered in
19 Tennessee, but a lot of rental boilers come in from
20 out of state. Wanting to make sure that we have good
21 oversight and information going to these rental
22 companies that's those boiler haves to meet the
23 requirements of second-hand boilers.
24 Re-instillation, applications being registered so
25 forth and so on.

1 So at any rate, I just wanted to bring
2 those up because those were things that kind of were
3 going through my head as I had discussions with some
4 in the industries. And then when I was hiking out
5 west and was having time to think about things other
6 than hiking out of the two.

7 So Mr. Collins.

8 MR. COLLINS: I would add to that just
9 as far as second-hand equipment, because I've --
10 we've noticed a lot of that with rental equipment,
11 rental pressure vessels being on Eastman site. And
12 then I have to go back to the rental company and they
13 state that we are based out of a noncode state and
14 our jurisdiction doesn't require it. And then I
15 start requesting paperwork and everything and then it
16 becomes finger pointing of, okay, they are the owner
17 but we are the user.

18 So we are still -- we are still going to
19 register with the State. We will take it over our
20 owner/user program to inspect it State certificate
21 and inspect it. But there is still like a shared
22 responsibility as far as, you know, so I agree that
23 there needs to be a bigger discussion and I don't
24 know how the jurisdiction needs to handle it. But I
25 mean, the proper way is to do the second-hand boiler

1 form before it even enters the State and inspect it.
2 But then the discussion that needs to be had is:
3 Who's responsible and what does that I agreement look
4 like? And if we need to do something in the form of
5 whenever the rental equipment -- or rental company
6 signs that over to the new -- the new user, who is
7 taking responsibility for the jurisdiction
8 requirements?

9 CHAIRMAN BAUGHMAN: Sure. So what I
10 found is these companies will say it's registered
11 in -- we've got a registration in Illinois. Well,
12 that's great. You still are to register it in
13 Tennessee. When we send it out from Tennessee, we
14 have to have it registered in Virginia or whatever
15 state that the boiler is going into. But there needs
16 to be more oversight on that.

17 And then if they are actually doing
18 business in the State of Tennessee, if they are
19 renting from outside, out of state bringing it in
20 state, they need to have a State of Tennessee
21 business license. And so I'm sure the State of
22 Tennessee Revenue Department would be all for it
23 because we are missing out revenues. And for us,
24 we've got to collect sales tax and pay it and it's
25 not an even playing field when somebody from out of

1 state comes in state and is not collecting the sales
2 tax and so forth.

3 So again, I wanted to bring those two
4 things up for open discussion so that you know as it
5 comes up in future discussion, where this all started
6 from. But it allows us now to start gathering some
7 more thoughts and information on it.

8 Anything else to bring to the table?

9 Wow.

10 MR. HERROD: I do want to say we
11 appreciate the board and all the hard work you do.
12 It's the mental exhaustion after this meeting most of
13 the time, but y'all do a great job. Appreciate the
14 way you handled the meeting every time. So thank
15 you.

16 CHAIRMAN BAUGHMAN: Thank you, Tom. And
17 I appreciate those that are on the team, both as
18 board members and the administrative support that we
19 have.

20 It's -- this is the one rules board that
21 oversees public safety that the public will rarely
22 ever know about and that's the way we want to keep
23 it. We don't want to be on the front page of the
24 news. But we oversee the operation of -- these
25 pieces of equipment have more power than dynamite.

1 Holy cow.

2 So the team members that we have, this
3 is absolutely one of the best teams in my memory that
4 we've had and I am very appreciative of that.
5 Appreciate the audience input.

6 So with that. We've got upcoming
7 scheduled meeting September 10th, and then
8 December 10th. Unless there is anything else, I will
9 call this meeting adjourned.

10 * * *

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