BOARD OF BOILER RULES BOARD OF BOILER RULES A SPECIAL MEETING OF THE STATE OF TENNESSEE BOARD OF BOILER RULES A August 7, 2024 August 7, 2024 CASSANDRA M. BEILING, LCR# 371 STONE & GEORGE COURT REPORTING 2020 Fieldstone Parkway	1	STATE OF TENNESSEE DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT
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2020 Fieldstone Parkway Suite 900 - PMB 234		
		2020 Fieldstone Parkway
615.268.1244		Franklin, Tennessee 37069

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1
    APPEARANCES:
 2
    David W. Baughman, Chairman/Board Member
 3
    Micah Lashley, Board Member
 4
    Riley Collins, Board Member
 5
    Jeffery Henry, Board Member
 6
    Thomas Herrod, Assistant Commissioner
    Tennessee Department of Labor & Workforce
 7
    Development
 8
    Melissa Owens, Esq., Legal Counsel (not present)
    Tennessee Department of Labor & Workforce
 9
    Development
10
    Chance Deason, Esq., Legal Counsel
    Tennessee Department of Labor & Workforce
11
    Development
    Dewayne Scott, Deputy Commissioner
12
    Tennessee Department of Labor
1.3
    Justin Miller, Chief Boiler Inspector
14
    Tennessee Department of Labor
15
    Jimmy Watson, Assistant Chief Boiler Inspector
    Tennessee Department of Labor
16
    Kenneth Nealy, Assistant Administrator
17
    Tennessee Department of Labor
1 8
    Mia-Lyn Wiley, Boiler Board Secretary
    Tennessee Department of Labor
19
    Jamie Diefenbach, Administrative
20
    Tennessee Department of Labor
21
    Matthew Grove, Legislative Liaison
    Tennessee Department of Labor
2.2
23
24
   ADDITIONAL Appearances:
25
    Marty Toth, ECS Consulting/Boisco Training Group
```

```
1
    Appearances continued:
 2
    Jay Chandran, Amaero
 3
    Todd Telfer, Amaero
 4
    Joseph Ledford, MBI Companies, Inc.
 5
 6
    Eugene Robinson, Cincinnati Insurance
 7
    STONE & GEORGE COURT REPORTING
 8
    Cassandra M. Beiling, LCR
 9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
```

1	A G E N D A
2	1. Call Meeting to Order
3	2. Introductions and Announcements
4	3. Adoption of the Agenda
5	4. Approval of the Meeting Minutes and Transcript for June 12, 2024
6	5. Old Business
7	*Tennessee Special Request
8	24-04 Amaero International Limited located in Cleveland, TN, requests that each of the
9	three (3) pressure vessels for its new titanium alloy manufacturing facility be
10	designated as a "Tennessee Special."
11	6. Upcoming 2024 Scheduled Quarterly Meetings
12	September 11, 2024 December 11, 2024
13	7. Adjournment
1 4	
15	
16	
17	
18	
19	
20	
21	
22	
23	
2 4	** Reporter's Note: All names are spelled phonetically unless otherwise provided to the
25	Reporter by the parties.

* * * * * * 1 2 CHAIRMAN BAUGHMAN: Welcome, 3 everybody, to the called Special Meeting of the Tennessee State Board of Boiler Rules. I'm glad to 4 5 see everybody here. And there's agendas in the 6 back; if you haven't picked one up, you're welcome 7 to grab one. 8 As a matter of protocol, please 9 silence any of your phones so we don't have any 10 interruptions. 11 Also, as a safety note, if there is 12 an emergency that comes up, security personnel will direct us out of the building to the safe 1.3 14 rally location, should there be a need that comes 15 up. 16 All right. With that, I'll call this 17 meeting to order. 18 And Item Number 2, we'll have 19 introductions and announcements. So we'll start 20 with the introductions. 2.1 Mr. Herrod, we'll start with you, 2.2 come around the table and then out to the 23 audience. 24 MR. HERROD: Tom Herrod, 25 Assistant Commissioner for Workplace Regulations and

```
1
    Compliance.
 2
                         MR. LASHLEY: Micah Lashley,
 3
    Board Member.
 4
                        MR. COLLINS: Riley Collins,
 5
    Board Member.
 6
                         CHAIRMAN BAUGHMAN: I'm Dave
 7
    Baughman, Board Member.
 8
                         MR. HENRY: Jeff Henry, Board
 9
    Member.
10
                         MR. DEASON: Chance Deason,
11
    legal for the Department.
12
                         MS. WILEY: Mia-Lyn Wiley, Board
1.3
    Secretary.
14
                         MS. DIEFENBACH:
                                           Jamie
15
    Diefenbach, Executive Admin Assistant, WRC.
16
                         MR. TOTH: Marty Toth, ECS
17
    Consulting and the Boisco Training Group.
                         MR. GROVE: Matthew Grove,
1 8
19
    Legislative Liaison for the Department.
20
                         MR. LEDFORD: Joe Ledford, MBI
21
    Companies.
                         MR. NEALY: Kenneth Nealy,
2.2
23
    Assistant Administrator, WRC.
24
                         MR. TELFER: Todd Telfer,
25
    technical consultant for Amaero.
```

```
1
                         MR. CHANDRAN:
                                         Jay Chandran,
 2
    COO, Amaero.
 3
                         MR. ROBINSON:
                                        Eugene Robinson,
 4
    Cincinnati Insurance.
 5
                         MR. MILLER:
                                      Justin Miller,
 6
    Chief Boiler Inspector.
 7
                         MR. WATSON:
                                      Jimmy Watson,
 8
    Assistant Chief Boiler Inspector.
 9
                         CHAIRMAN BAUGHMAN: Very good.
10
    Well, that's a pretty good group that we've got out
11
    here today.
12
                 Are there any announcements that need
1.3
    to be made? I don't have any in particular.
14
    Anybody else have any announcements?
15
                  (No verbal response.)
16
                         CHAIRMAN BAUGHMAN: All right.
17
    So with that, we'll go to Item Number 3, the
18
    adoption of the agenda. We all have the agenda in
    front of us.
19
20
                 Any questions about it?
2.1
                  (No verbal response.)
2.2
                         CHAIRMAN BAUGHMAN: Motion to
23
    accept?
24
                         MR. HENRY: So moved.
25
                         CHAIRMAN BAUGHMAN: Second?
```

```
1
                        MR. COLLINS:
                                       Second.
 2
                         CHAIRMAN BAUGHMAN: All right.
 3
    Do we need to vote? All in favor, say "aye."
 4
                  (Affirmative response.)
 5
                         CHAIRMAN BAUGHMAN: All right.
 6
    We've got an adoption of the agenda. Thank you.
 7
                 So the approval of the minutes and
 8
    the transcript for the June 12th, '24 meeting.
    Those minutes were fairly lengthy. It was quite
 9
10
    the discussion that we had. Any changes, anything
11
    to address within those minutes?
12
                  (No verbal response.)
1.3
                         CHAIRMAN BAUGHMAN: No?
                                                   A 1 1
14
    right. So do I have a motion to approve the
    minutes?
15
16
                        MR. HENRY: So moved.
17
                         CHAIRMAN BAUGHMAN: Second?
18
                        MR. LASHLEY: Second.
19
                        CHAIRMAN BAUGHMAN: Micah
20
    seconds. All right.
2.1
                 All in favor, say "aye."
2.2
                 (Affirmative response.)
23
                         CHAIRMAN BAUGHMAN:
                                             We've got an
24
    approval of the meeting minutes and transcript.
25
                 So going on to Number 5, Old
```

```
1
    Business, is the Tennessee Special Request, Item
    Number 24-04, Amaero International Limited located
 2
 3
    in Cleveland, Tennessee, requests that each of the
 4
    three pressure vessels for its new titanium alloy
 5
    manufacturing facility be designated as a
 6
    Tennessee Special.
 7
                 Gentlemen, if you'll come up to the
 8
    podium.
 9
                  (Deputy Commissioner Dewayne Scott
10
    enters the room.)
11
                         CHAIRMAN BAUGHMAN: Dewayne, do
12
    you want to introduce yourself?
                        MR. SCOTT: Dewayne Scott,
1.3
14
    Deputy Commissioner.
                         CHAIRMAN BAUGHMAN:
15
                                              Thank you,
16
    Dewayne.
17
                        MR. SCOTT:
                                     Thank you, Chair.
1 8
                         CHAIRMAN BAUGHMAN: All right.
19
    Gentlemen, thank you both for being here, Todd and
20
    Jay. So if you'll make your presentation.
2.1
                        MR. TELFER: Okay. Sure.
                                                     Ι
2.2
    brought my boss with me this week.
23
                         THE REPORTER: Can they
24
    introduce themselves one more time?
25
                        MR. TELFER:
                                      My name is Todd
```

```
I'm a technical consultant for Amaero
 1
    Telfer.
 2.
    Advanced Manufacturing and Materials.
 3
                        MR. CHANDRAN:
                                        Jay Chandran.
 4
    I'm the COO at Amaero in McDonald.
 5
                        MR. TELFER: So, last time we
 6
    were here, we made the request for you to consider
 7
    three pressure vessels that are part of our IGA
 8
    atomization system. And these were originally
 9
    intended for use in Australia, and they were made to
10
    European pressure equipment directive. And then the
11
    decision was made to move the equipment here to
12
    Tennessee, and since they were not designed and
1.3
    built to ASME standards, we were advised to apply
14
    for Tennessee Special status so that the equipment
15
    can be used here.
16
                 And so we've provided additional
17
    materials to the five board members and answered
    some questions over the last six weeks. And we
1 8
19
    hope we answered everything to your satisfaction,
20
    and again, we make the request to consider
2.1
    granting us Tennessee Special status.
2.2
                         CHAIRMAN BAUGHMAN: Very good.
23
    So do we have a motion to discuss?
24
                        MR. HENRY: So moved.
25
                         CHAIRMAN BAUGHMAN: Second?
```

```
1
                         MR. COLLINS:
                                        Second.
 2
                         CHAIRMAN BAUGHMAN: All right.
 3
    All in favor?
 4
                  (Affirmative response.)
 5
                         CHAIRMAN BAUGHMAN:
                                              Okay.
                                                     Are
 6
    there any conflicts of interest on this particular
 7
    item?
 8
                         MR. HENRY: (No verbal
 9
    response.)
10
                         MR. LASHLEY: None that I'm
11
    aware of.
12
                         CHAIRMAN BAUGHMAN: Okay.
                                                    Very
1.3
    good. Well, for one, thank you for sending the
1 4
    information.
15
                  Justin, did you have something?
16
                         MR. MILLER: No.
17
                         CHAIRMAN BAUGHMAN: Thank you
18
    for sending that information. It was just a little
19
    bit of information that was sent.
20
                         MR. TELFER: It wasn't just
2.1
    email.
2.2
                         CHAIRMAN BAUGHMAN: I must
23
    comment that my wife is very happy that this is off
24
    our couch.
25
                 But it was a lot of information and I
```

```
1
    appreciated that. And I did have to brush up on
 2
    my German to some extent. But all kidding aside,
    it was a lot of info and I appreciate you sending
 3
 4
    that amount of information for our review.
 5
                 So with that, comments from my
 6
    colleagues.
 7
                        MR. COLLINS: I believe you
 8
    addressed all the questions I had in follow-up
    emails and also requests for additional information.
 9
10
    I went through all the calcs, checked all of those.
11
                 And specifically addressing the --
12
    it's called the chamber insert at the bottom of
1.3
    the melt chamber that the atomization nozzle
14
    actually sits down into. Only because that part
15
    is still part of the pressure boundary but wasn't
16
    in the calcs or the -- or the drawings of the
17
    actual melting chamber itself. You know, it was
1 8
    in supporting drawings but still part of that
19
    unit --
20
                        MR. TELFER:
                                      I understand.
2.1
                        MR. COLLINS: -- because it
2.2
    completes the pressure boundary. In looking at
23
    that, it does have a very thin plate that actually
24
    the atomization nozzle sits down into. And that
25
    plate was just below ASME code, but it did meet
```

```
1
    industry standard stress calculations for a flat
 2
    plate. So just pointing it out, as far as just
 3
    diving into the calculations of it and design of it.
 4
    So again, something that was checked, but it did
 5
    pass.
 6
                        MR.
                             TELFER: Okay. Thank you.
 7
                        MR. HENRY: Mr. Chairman, first
 8
    of all, I would like to echo everyone's thanks for
 9
    the information. It was very helpful.
10
                 In regard to the expectation for the
11
    future operation of this equipment, I think I had
12
    seen in some of the correspondence, you anticipate
1.3
    bringing new vessels that would comply with ASME
14
    requirements in the operation of this facility?
15
                        MR. CHANDRAN: I can answer
16
           So we have already ordered identical
17
    equipment. That is scheduled to ship from ALD.
                                                      ALD
1 8
    is a multibillion-dollar company. It is scheduled
19
    to ship on February 15. They are tracking to -- I
20
    think they're right now one week behind schedule,
2.1
    but we have twice-a-month meetings with them.
                                                    They
2.2
    will bring it back into schedule.
23
                 We will be not going through this
24
              It is being built to ASME standards.
                                                      Ιn
    process.
25
    five years, we will have five of these pieces of
```

```
1
    equipment. So we already started negotiating on
 2
    the third, identical. We are not changing any
 3
    design parameters, nothing. So far, we are very
 4
    happy with what we've got.
 5
                        MR. HENRY: Okay. And I quess
 6
   my question in that regard was the idea that you
 7
    would then -- when you get these vessels, you'd
 8
    retire these, or are these going to continue to
 9
    operate?
10
                        MR. CHANDRAN:
                                        These will
11
    continue to operate.
                        MR. HENRY: Okay.
12
1.3
                        MR. CHANDRAN: Yes.
                                              This was
14
    built -- as Todd explained, this was built for
15
    Australian operations. We are a publicly listed
16
    company in Australia, but we have relocated our
17
    global headquarter to McDonald, Tennessee, a small
1 8
    town called McDonald. We're just off the highway.
19
    Everybody is welcome. Everybody in the audience is
20
    welcome to come and see our facility.
2.1
                 All manufacturing cells where we are
2.2
    atomizing or packaging or cleaning is all
23
    air-conditioned, so no return. Everything is a
24
    dedicated air conditioner for each room. So there
25
    are four or five rooms, and all of them are
```

```
1
    individually air-conditioned. We spent a lot of
 2
    money doing this for making it a safe, proper
 3
    operation. We're going through the process.
 4
                 I would like to give a shout-out to
 5
        We do not have access to all the documents
 6
    you have. MBI has NDA with Striker, with ALD.
 7
    don't want to get into the equipment manufacturing
 8
    business. We just want to make powder. They were
 9
    the ones who gave you some drawings which were --
10
    we do not -- we have not seen all those. We don't
11
    even want to see it. There's no -- we're not in
12
    that business at all.
                        MR. HENRY: Very good.
1.3
                                                 Thank
14
    you. Appreciate it.
15
                        CHAIRMAN BAUGHMAN:
                                            And to
16
    further that, thank you then for your contribution.
17
                        MR. CHANDRAN: Yes. MBI -- Joe
1 8
    has been very, very, very helpful in this whole
19
    process.
20
                        CHAIRMAN BAUGHMAN:
                                            Mr. Toth.
2.1
                        MR. TOTH: Yes. Marty Toth, ECS
2.2
    Consulting.
23
                 Just want to make sure, on the newer
24
    vessels that you're bringing in that are going to
25
    be built to the ASME code, just curious, are they
```

```
1
    going to be registered with the National Board as
 2.
    well?
 3
                        MR. TELFER:
                                      They require the
 4
    same --
 5
                        MR. MILLER:
                                      They should be.
 6
                        MR.
                             TOTH: Well, no.
                                                They
 7
    should be. That's what I'm asking, is to make sure
 8
    that -- because they can be built to the ASME code
 9
    but not registered with the National Board and used
10
    elsewhere. The requirements of the State of
11
    Tennessee is both ASME code and registered with the
12
    National Board. That may be something you want to
1.3
    look into.
14
                        MR. CHANDRAN: We absolutely
15
    will. We absolutely will.
16
                         CHAIRMAN BAUGHMAN:
                                            Mr. Toth,
17
    thank you for that comment, very much.
18
                 Mr. Robinson?
19
                        MR. ROBINSON: And in
20
    addition -- Gene Robinson, Cincinnati Insurance.
                                                        Ιn
2.1
    addition, make sure that the manufacturer has the
2.2
    authorization to register with the National Board.
23
    So that's where that would originate.
24
                        MR. TOTH:
                                    That goes without
25
    saying.
```

```
1
                        MR. TELFER: Got it.
                                               Okay.
                                                       Ι
 2.
    understand.
 3
                         CHAIRMAN BAUGHMAN: I'm sorry.
 4
    Gentleman in the back, your name?
 5
                        MR. LEDFORD: Joe Ledford, MBI
 6
    Companies.
 7
                                             Thank you,
                        CHAIRMAN BAUGHMAN:
 8
    Joe.
 9
                        MR. LEDFORD:
                                       I'm sitting back
10
    here because I don't feel well and I don't want to
11
    get close to anybody.
                 The manufacturer has all that
12
1.3
    information about the National registration and
14
    how they do it. And we'll follow up. Todd and I
15
    will follow up with them to make sure that's in
16
    the process.
                                             That's very
17
                         CHAIRMAN BAUGHMAN:
18
    good. To further that, there being an application
19
    for installation of this equipment too, that will
20
    identify the National Board number and so forth for
2.1
    that installation as it is ahead of time. So thank
2.2
    you for that, Joe.
23
                        MR. CHANDRAN:
                                        So ALD has a
24
    registered office in Connecticut. So they are a
25
    registered company in the United States. The second
```

```
1
    equipment that we have ordered is through the
 2.
    Connecticut office.
 3
                        CHAIRMAN BAUGHMAN:
                                             Very good.
 4
                        MR. CHANDRAN:
                                        This one was
 5
    ordered from Germany with Australia involved.
 6
    one is straight up.
                         This is with the company.
 7
    are dealing with the one -- American entity here.
 8
    So we'll follow up with that.
 9
                        CHAIRMAN BAUGHMAN:
                                             Mr. Henrv.
10
                        MR. HENRY: Just a quick
11
    follow-up on that. With regard to the new vessels
12
    that will be built in accordance with the ASME code
1.3
    rules, are there any fundamental differences or
14
    changes in the design of those equipment relative to
15
    what we're looking at here today?
16
                        MR. CHANDRAN:
                                        Not at all.
                                                     Only
17
    the staircases. Because of the way the building is
1 8
    constructed, the staircases are in a different
19
    location. That's it.
20
                        CHAIRMAN BAUGHMAN:
                                            Very good.
2.1
                        MR. LASHLEY: I do have a quick
2.2
    question. Sorry. Micah Lashley.
23
                 About the tank farm that's listed in
24
    your drawings, do you own or lease those tanks?
25
                        MR. CHANDRAN:
                                        We own them.
```

```
You do own them?
 1
                        MR. LASHLEY:
 2.
                        MR. CHANDRAN:
                                        Yes.
 3
                        MR. LASHLEY: Okay. So they
 4
    will need to be registered for inspection as well.
 5
                        MR. CHANDRAN:
                                        Absolutely.
 6
    are Delawarton. Manufacturer is Delawarton.
 7
    have only one tank right now on-site.
 8
    five years, we will have five. Every time we will
 9
    get an IGA, we will be getting one tank order.
10
    we plan to own it. That way, we control our
11
    destiny.
12
                 Our biggest expense other than
1.3
    electricity is -- and thank you for TVA.
                                               That's
14
    the best thing that has come out of this whole
15
            One is that. And the second thing is
    thing.
16
           We will be, probably, the state's largest
    argon.
17
    consumer of argon when we are fully functional.
1 8
                        CHAIRMAN BAUGHMAN: So I have a
19
    question. Dave Baughman, board member.
20
                 So the State is doing the initial
21
                 These units will need to be inspected
    inspection.
2.2
    biannually. Who is going to be in charge of that?
    Is that going back through the State, or will that
23
24
    be covered through insurance?
25
                        MR. CHANDRAN:
                                        We will work with
```

```
1
    the State, make sure that we are compliant with all
 2
    the rules and regulations that you guys have made
 3
    for us. If you need to bring in the gentlemen to
 4
    come and recertify the vessel, or we'll find some
 5
    people in Tennessee who can help us with the
 6
    recertification every year or biannually or
 7
    annually. That should be not even an issue.
 8
                         CHAIRMAN BAUGHMAN: Okay.
                                                     Thank
 9
    you.
10
                 Mr. Herrod.
11
                         MR. HERROD: I think I saw some
12
    correspondence that Chubb Insurance will be the
1.3
    carrier for that equipment.
14
                         MR. LASHLEY: Are you saying
15
    that to mess with me?
16
                         MR. HERROD: No.
                                           N \circ .
                                                 I believe
17
    I saw it in --
18
                 Am I right?
19
                         MR. MILLER: Yes, I think so.
20
                         MR. HERROD: Well, yes.
                                                   Ιt
2.1
    would be an insurance company. I think it's Chubb,
2.2
    just FYI.
23
                         CHAIRMAN BAUGHMAN:
                                              Okay.
                                                     So to
24
    further that, then, the insurance would then be the
25
    ones that come in and do the biannual inspection of
```

```
1
    the equipment. And if it is through this insurance
 2
    company, Chubb, then it would be good to have a
 3
    representative of their company involved on the
 4
    initial inspection so they're familiar -- now, this
 5
    is just my own two cents' worth. You can add to
 6
    that, Mr. Lashley.
 7
                        MR. LASHLEY: Chance, do I need
 8
    to step away from the discussion because of the
 9
    insurance?
10
                        MR. DEASON: Do you feel that
    you would -- personally, I mean, do you feel there's
11
12
    a conflict? Is there a financial conflict for you?
1.3
                        MR. LASHLEY: I don't think
14
    there's a conflict, you know, as far as the
15
    discussion, but, you know, knowing that if Chubb is
16
    the insurer and I'm, you know, also a representative
17
    of Chubb, I just --
1 8
                        MR. DEASON: Okay. I'll tell
19
    you what. You can engage in the discussion. If you
20
    feel like there's a potential conflict, you can
2.1
    refrain from voting.
2.2
                        MR. LASHLEY: Yes, sir.
                                                  Thank
23
    you.
                        CHAIRMAN BAUGHMAN:
24
                                             So to
25
    further that too, that's not set in stone. In other
```

```
words, that's something that we think Chubb is the
 1
 2.
    one, but that's --
 3
                        MR. MILLER: I got the email
 4
    from Joe Ledford.
 5
                         CHAIRMAN BAUGHMAN:
                                             Okay.
 6
                        MR. MILLER: I just found it.
 7
                         CHAIRMAN BAUGHMAN:
                                             Okay.
                                                    Very
 8
    good.
          So that sounds like it's pretty well a done
 9
    deal.
10
                 Mr. Herrod.
11
                         MR. HERROD: That's what I was
12
    going to say.
                   It could change, but at this time, it
1.3
    is Chubb Insurance, and they'll be involved in the
14
    initial learning process and inspection.
15
                         CHAIRMAN BAUGHMAN: Very good.
16
                 So, Micah, would you agree that
17
    having a representative of Chubb that's going to
1 8
    be involved in further inspections, be there at
19
    the time of the initial inspection?
20
                        MR. LASHLEY: I think it would
21
    be beneficial, yes, sir.
2.2
                         CHAIRMAN BAUGHMAN:
                                            Okay.
23
                        MR. LASHLEY: Just so everybody
24
    is on the same page as the inspection goes forward
25
    and, you know, with -- everything that goes on with
```

```
1
    the discussion is made available to the inspector.
 2
                         CHAIRMAN BAUGHMAN: I think that
 3
    makes sense.
 4
                 Mr. Watson and Mr. Miller, are you
 5
    both on board with that?
 6
                  (Affirmative response.)
 7
                         CHAIRMAN BAUGHMAN: Okay.
                                                     And
 8
    you guys are good with it too?
 9
                         MR. TELFER:
                                      Yes.
10
                         CHAIRMAN BAUGHMAN: All right.
11
    Makes sense.
12
                         MR. LASHLEY:
                                       If you can get
1.3
    with me, and that way, we can coordinate. Do you
    have a schedule?
1 4
15
                         MR. MILLER: I do. We'll set
16
    that up with you personally.
                         MR. LASHLEY: Okay. Sounds
17
18
    good.
19
                         CHAIRMAN BAUGHMAN: Go ahead.
20
                         MR. COLLINS: Riley Collins,
2.1
    board member.
2.2
                 Also, since this unit has already
23
    been in operation, it will have to go through --
24
    and, Justin, you can kind of, I guess, fill in
25
    more information, but it will have to go through
```

```
1
    the process of bringing a used piece of equipment
 2.
    in the state to be installed in addition to the
 3
    installation process. So I think it will be two
 4
    separate permits.
 5
                         MR. MILLER:
                                      It will.
                                                 It will
 6
    be a secondhand form as well as the permit form.
 7
    And then we'll have to do a hydro on the vessels
 8
    too.
 9
                         MR.
                             TELFER: Will that be done
10
    at the same time as the inspection?
11
                         MR. MILLER: We can work that
12
    out with you guys.
1.3
                         MR. TELFER:
                                      Okay.
14
                         CHAIRMAN BAUGHMAN:
                                             Mr. Telfer,
15
    I appreciate you sending me information in regard to
16
    the relief valves on the system itself. I just have
17
    a few items of note on it.
1 8
                 On Item Number 3 in your email, it
19
    says the process chamber a/k/a the atomization
20
    tower below the melt chamber, so forth, has a
2.1
    half-inch connection to it. As I was going
2.2
    through the list of replacement parts, I was
23
    looking at matching up the relief valves to the
24
    units themselves, but nowhere did it have any --
25
    nor did any of the documentation for the relief
```

valves unless I just wasn't reading the data correctly, didn't have any capacities listed. You gave connection sizes, inlets, outlets, so forth, but we didn't have any capacities listed.

1.3

1 8

2.2

The relief valves were being utilized, i.e., these lesser valves are not V-stamped valves. And from that standpoint, going through their documentation, it showed some of the maintenance of them, describing pulling the valves apart for cleaning, reassembling and so forth, which, in our code requirements, this would be through a V shop, a rated shop that would do this rebuilding of the valves or any taking apart and putting back together.

So being that these were all foreign-manufactured and stamped valves, it may behoove everybody, from not only now but moving forward through other inspectors, to change those valves over to a manufactured valve that has the correct stamping on it. When these valves are installed, the labels are going to need to be accessible to the inspectors so they're able to be read.

But that's just -- that was just my own thoughts on moving forward, was that can be a

```
source of misinformation, problems, and so forth
 1
 2
    that is easily taken care of just through the
 3
    replacement of those valves.
 4
                 Does that make sense?
 5
                        MR. TELFER:
                                      It does.
 6
                         CHAIRMAN BAUGHMAN:
                                            Okay.
                                                     So I
 7
    just wanted to address that. I didn't really want
 8
    to move forward without addressing it.
                                            It didn't
 9
    have anything to do with the design calculations and
10
    so forth for the stress mechanisms, but it was a
11
    very important part of the safety.
12
                        MR. ROBINSON:
                                        Mr. Chairman?
1.3
                         CHAIRMAN BAUGHMAN:
                                             Yes.
14
    Mr. Robinson.
15
                        MR. ROBINSON:
                                        Very good point.
16
    Also, make sure that the capacity is shown for the
17
    output of the vessel not only on the safety valve
18
    tag, but on the vessel so the inspector will know
19
    what the output capacity is.
20
                         CHAIRMAN BAUGHMAN:
                                             That will be
21
    shown on your installation permit also. It will ask
2.2
    for the identification of the relief valves.
23
    will have the number of valves, the size of the
24
    valve, the set point of the valve, and the capacity
25
    of the valve.
                   So that will all go on part of your
```

```
1
    application for installation process.
 2
                         MR. CHANDRAN:
                                        Sure.
 3
                         CHAIRMAN BAUGHMAN: I take it
 4
    the same would hold true; there's going to be relief
 5
    valves on the tank farm, and it will go through the
 6
    same process.
 7
                         MR. TELFER: Okay.
 8
                         CHAIRMAN BAUGHMAN: Any other
 9
    comments, questions, discussion?
10
                         MR. HENRY: (No verbal
11
    response.)
12
                        MR. LASHLEY: No, sir.
                                                  I ' m
1.3
    good.
14
                         CHAIRMAN BAUGHMAN: All right.
15
    So do I have a motion? Going once?
16
                         MR. COLLINS: What would a
17
    motion look like for this?
1 8
                         MR. HENRY: I'll take a stab at
19
    it.
20
                         CHAIRMAN BAUGHMAN: Yeah.
                                                     Thank
21
    you, Mr. Henry.
2.2
                         MR. HENRY: I would move that we
23
    accept Amaero's request to -- for the operation of
24
    these particular pressure vessels under all the
25
    rules and requirements involved with a State
```

```
1
    Special, with the -- I guess, with the additional
 2
    provision that Amaero has agreed to replace the
 3
    safety valves as part of this process.
                         CHAIRMAN BAUGHMAN: I believe
 4
 5
    that's concise.
 6
                 Mr. Toth.
 7
                        MR. TOTH: Are these going to be
 8
    considered Tennessee Specials?
 9
                         CHAIRMAN BAUGHMAN: These would
10
    be considered Tennessee Specials, yes, sir.
11
                        MR. TOTH: Then I would assume
12
    that's how you would make the motion, to accept as
1.3
    Tennessee Specials. Just a recommendation.
1 4
                        MR. HENRY:
                                     Thank you. I'll
15
    amend my motion accordingly.
16
                        MR. DEASON: I thought you
17
    mentioned that.
18
                        MR. HENRY: I said State
19
    Special, I think.
20
                        MR. DEASON: Okay.
2.1
                        MR. HENRY: So it will be
2.2
    Tennessee Special.
23
                        CHAIRMAN BAUGHMAN: Okay.
                                                     So
24
    the motion is made to accept these as Tennessee
25
    Specials with the caveat of having the safety relief
```

```
1
    valves replaced and being able to pass the
 2
    inspection according to the rules and regulations
 3
    set forth for a secondhand piece of equipment.
                 Everybody good with that?
 4
 5
                         MR. COLLINS: I'll second that
 6
    motion.
 7
                         CHAIRMAN BAUGHMAN: All right.
    So motion being made by Mr. Henry, second by
 8
 9
    Mr. Collins. I call the vote. All in favor --
10
                 I'm sorry. Go ahead.
11
                         MR. DEASON: Abstentions.
12
                         CHAIRMAN BAUGHMAN: We'll call
1.3
    for the vote of, all in favor, say "aye."
1 4
                  (Affirmative response.)
                         CHAIRMAN BAUGHMAN: Abstentions?
15
16
                         MR. LASHLEY: (Indicating.)
17
                         CHAIRMAN BAUGHMAN: One
18
    abstention with Mr. Lashley.
19
                 So no against?
20
                  (No verbal response.)
2.1
                         CHAIRMAN BAUGHMAN: So we have
2.2
    an approved Tennessee Special for your vessels.
23
                         MR. CHANDRAN:
                                        Thank you, sir.
24
                         MR. TELFER:
                                      Thank you very
25
    much.
```

```
1
                         MR. CHANDRAN:
                                        Really appreciate
 2
    it.
 3
                         CHAIRMAN BAUGHMAN: We
 4
    appreciate you.
 5
                         MR. CHANDRAN: Everybody is
 6
    welcome to come and see our factory. That is an
 7
    open invitation for everybody in the audience and
 8
    us.
 9
                         CHAIRMAN BAUGHMAN:
                                              Thank you
10
    very much.
11
                        MR. LASHLEY: What are you
12
    cooking?
1.3
                         CHAIRMAN BAUGHMAN:
                                              We.
14
    appreciate that very much. Thank you for all the
15
    information.
16
                 MBI, thank you for your input and
17
    information also.
1 8
                         MR. CHANDRAN:
                                         Thank you, Joe.
19
                         CHAIRMAN BAUGHMAN: So with
20
    that, we don't have any old business.
                                             We have no
2.1
    new business.
2.2
                 One of the things I would like to
23
    make comment of before we move to Item Number 6 is
24
    we've been given a booklet that Mr. Watson has put
25
    together for us. And I just want to say thank you
```

```
1
    for that. It gives very concise information
 2
    regarding our inspection rules, board cases,
 3
    interpretations, and laws. That's a great
 4
    resource.
 5
                         MR. HENRY:
                                     Thank you very much.
 6
                         CHAIRMAN BAUGHMAN: Yeah.
 7
    Appreciate you taking the time.
 8
                 With that, is there any other
 9
    information, announcements to pass along?
10
                  (No verbal response.)
11
                         CHAIRMAN BAUGHMAN: All right.
12
    We'll go into Number 6. We've got the upcoming
1.3
    scheduled quarterly meetings as September the 11th
1 4
    and December the 11th.
15
                 I hope everybody stays well and
16
    enjoys life, and we look forward to seeing a lot
17
    of you at the September meeting.
18
                 With that, meeting is adjourned.
19
20
                                END OF THE PROCEEDINGS.
2.1
2.2
23
24
25
```

1 CERTIFICATE 2 STATE OF TENNESSEE 3 COUNTY OF WILLIAMSON 4 I, Cassandra M. Beiling, a Notary Public 5 in the State of Tennessee, do hereby certify: 6 7 That the within is a true and accurate 8 transcript of the proceedings taken before the 9 Board and the Chief Inspector or the Chief 10 Inspector's Designee, Tennessee Department of 11 Labor & Workforce Development, State of Tennessee 12 Board of Boiler Rules, on the 7th day of August, 1.3 2024. 14 15 I further certify that I am not related to 16 any of the parties to this action, by blood or 17 marriage, and that I am in no way interested in 1 8 the outcome of this matter. 19 20 IN WITNESS WHEREOF, I have hereunto set my 21 hand this 23rd day of August, 2024. MINIMINION OF THE PARTY OF THE 2.2 23 TENNESSE 24 Cassandra M. Beiling, LCR# 371 Notary Public State at Large OF WILL 25 My commission expires: 3/4/2028