



**STATE OF TENNESSEE  
DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT  
BOARD OF BOILER RULES  
220 FRENCH LANDING DRIVE  
NASHVILLE, TENNESSEE 37243  
(615) 741-2123**

**MINUTES**

**QUARTERLY MEETING OF THE  
STATE OF TENNESSEE  
BOARD OF BOILER RULES  
9:00 A.M. (CST), MARCH 2, 2011  
TOSHA HEARING ROOM - FIRST FLOOR  
220 FRENCH LANDING DRIVE  
NASHVILLE, TENNESSEE**

- I. CALL TO ORDER - (8) - Chairman Lunn called the meeting to order at 9:05 a.m. (CST).
  
- II. INTRODUCTIONS AND ANNOUNCEMENTS - (10) - Board members present: Eddie Lunn; Dr. Domenic Canonico; Brian Morelock; Eugene Robinson; and Dr. Glen Johnson. Department of Labor & Workforce Development employees in attendance: Commissioner Karla Davis; Arthur Franklin; Gary W. Cookston; Sydné Ewell; Chad Bryan; Carlene T. Bennett; Deborah Rhone; Sam Chapman; and Neil Jackson. Guests present: James Neville and Jamie Woods.

(24) - Assistant Administrator Cookston announced that in the event of a natural disaster or emergency, building security personnel would direct attendees to a safe place inside the building or ask them to evacuate to the parking lot toward the Rosa Parks side of the building.

(27) - SB0198 - As introduced extends the Board of Boiler Rules until June 30, 2015 - Amends TCA Title 4, Chapter 29 and Title 68, Chapter 122, Part 1.

(105) - Assistant Administrator Cookston introduced the new Commissioner of the Department of Labor & Workforce Development, Karla Davis. Chairman Lunn welcomed Commissioner Davis and the Board members introduced themselves.

- III. CONFLICT OF INTEREST STATEMENTS - (37) - Conflict of interest statements were completed by Board members present. Chairman Lunn reminded Board members to verbally disclose conflicts of interest with agenda items prior to discussion.
- IV. ADOPTION OF THE AGENDA - (45) - Chairman Lunn said he would be unable to attend the next quarterly Board meeting set for June 1, 2011. He requested further discussion of agenda item ten (10) at the end of the meeting. Brian Morelock made a motion to adopt the agenda with further discussion of agenda item ten (10). Eugene Robinson seconded the motion. The vote was taken and the motion carried.
- V. APPROVAL OF THE DECEMBER 1, 2010 QUARTERLY MEETING MINUTES - (64) - Dr. Canonico made a motion to approve the December 1, 2010 quarterly meeting minutes. Eugene Robinson seconded the motion. The vote was taken and the motion carried.
- VI. CHIEF'S REPORT - (79) - Chief Bryan's report covered data from October-December 2010. Due to new computer system implementation on Monday, June 28, 2010 accurate data cannot be supplied on the number of delinquents and violations.
- Six-thousand three-hundred twelve (6,312) inspections performed.
  - Ten (10) quality control reviews performed.
  - One (1) boiler variance inspections performed.

VII. OLD BUSINESS - (132)

None

VIII. NEW BUSINESS

**11-01** - (134) - Review a request and documentation from Sumner Regional Medical Center (SRMC), 555 Hartsville Pike, Gallatin, Tennessee for a variance renewal. Chairman Lunn verbally expressed a conflict of interest with this agenda item. Mr. Jamie Woods presented this item to the Board.

- Dr. Canonico wanted to know why tab two (2), page two (2), paragraph one (1) stated: *"This manual shall assist Sumner Regional Medical Center to **institute** the Automatic Boiler Operation Monitoring System..."* especially since this is suppose to be a renewal of an existing variance. Mr. Woods said it was poor language on his part; no new system will be implemented.
- Dr. Canonico said tab two (2), page two (2), Boiler System section states: *"Medium pressure steam, **eighty (80)** PSIG, is generated..."*

He wanted to know if this is a request to change from sixty (60) PSIG to eighty (80) PSIG. Mr. Wood replied, no, that it was a typographical error; it should be sixty (60) PSIG. Eugene Robinson pointed out that tab one (1) of the cover page dated December 28, 2010 requested a change of sixty (60) PSIG to eighty (80) PSIG. Mr. Woods said he would clean up the language and the typo. Mr. Morelock said the original manual is in tab three (3) and it indicates sixty (60) PSIG so the changes page should be amended.

- Dr. Canonico asked about tab two (2), page five (5), paragraph two (2) which states: *"At the beginning of each shift and at four (4) hour intervals throughout each shift..."* He wanted to know the length of each shift. Mr. Woods said they were eight (8) hour shifts.
- Dr. Canonico said the Powerhouse Basic Training in the Emergency Procedures (EP) tab was very good.
- Dr. Canonico said tab three (3), page two (2) makes reference to a site plan located in tab three (3) but he could not locate it. There are, however, site plans located in tab four (4) and tab five (5). Mr. Woods said tab three (3) is the original variance request so the site plans are now located in tab four (4) and five (5). Eugene Robinson said those plans are for piping and HVAC. Dr. Canonico added that he had difficulty locating the boiler. Eugene Robinson said typically the site plan will show the distance between the boiler room and the remote monitoring station.
- Brian Morelock confirmed that this manual will be the new variance manual. He asked that changes be made to the reference tabs so that they will match, since the original manual did not contain the additional material the tab references take you to the wrong place. He also suggested that the original system operating manual be marked as such. The summary of changes page should be revised to reflect the correct PSIG. Page four (4), paragraph three (3) makes reference to Powerhouse personnel which will now be called Monitoring personnel in the new manual so the wording should be consistent. Page five (5) still calls them "Powerhouse Monitoring personnel", the summary of changes should match what is reflected in the manual and the organizational charts. It was established in tab two (2), page two (2) that the "Automatic Boiler Operation Monitoring System" is the same as the "Computerized Remote Monitoring System", so the Board asked for consistency through the manual. Eugene Robinson asked that on tab two (2), page two (2) and three (3), that the site plan location be cleaned up. He also asked that tab two (2), page five (5) clearly define who is responsible for training the remote monitoring personnel.
- Dr. Johnson commented that all the data is in line with an eighty (80) PSIG request. He said there are no data points that are below sixty (60). Dr. Johnson asked if Mr. Woods was sure it was a typo or is it the heart of what was being asked. Mr. Woods said they were not requesting a change from sixty (60) to eighty (80) PSIG. Dr. Johnson

said the data indicated that it was consistently running in excess of sixty (60) PSIG.

- Brian Morelock confirmed that the boiler control system is not changing and that they have cameras plus the boiler control system. Mr. Woods said that was correct. Brian Morelock said in tab six (6) there was information in the manual on the cameras but not information specifically on the boiler control system other than a schematic, normally that information contains what the system monitors and its capabilities.
- Eugene Robinson requested Mr. Woods state on the cover page that this is a variance to the boiler and unfired pressure vessel rules and regulations and insert Chapter 0800-03-03, Rule 0800-03-03-.04(22) as shown on page twenty (20) of the Emergency Procedures. Also, Emergency Procedures should be printed on colored paper to make it easier to locate for quick reference. He suggested the company find a better boiler log sheet on the internet or on the National Board website to use and that an example be identified / included in the manual. He asked that a statement of responsibility be added to the front of the manual indicating the individual representing Sumner Regional Medical Center who will be responsible for implementing the provisions of the variance, their name, address and phone number.
- Dr. Canonico said the data sheets since January 10, 2011 shows 75.44452 psi as normal and the readings are taken at twenty (20) minute intervals. Dr. Johnson said the Board was confident that it is a sixty (60) PSIG variance but wonder if it isn't actually being run at eighty (80) PSIG as the top range. If the variance is renewed then it would still be for sixty (60) PSIG. The data suggest that perhaps eighty (80) PSIG was a goal of the request and not a typo at all. Mr. Woods said the request is to change sixty (60) PSIG to eight (80) PSIG and not a typo, he apologized for the confusion. Dr. Canonico asked if they had been operating above sixty (60) PSIG, why didn't they get permission from the State? Dr. Johnson said that from a mechanical engineer standpoint the difference between sixty (60) and eighty (80) PSIG wouldn't make a big difference how material would behave. Dr. Canonico and Brian Morelock agreed that it appeared to be designed for one-hundred fifty (150) PSIG. Dr. Johnson suggested that the typo might have been in the original letter. Chairman Lunn clarified that the variance renewal letter and tab two (2), section two (2) both are correct by stating eight (80) PSIG. Dr. Canonico stated for the record that SRMC had been operating outside the bounds of their original variance. Brian Morelock said it is a class C misdemeanor to operate above the nameplate maximum allowable working pressure (MAWP) of the boiler. Chief Bryan added that also applies to owners who operate in excess of what was asked for in their variance. Brian Morelock said there is no rule that assess a penalty for operating above the pressure

outlined in the variance manual. The Board agreed to let the Chief and legal counsel deal with that issue.

- Sydné Ewell asked if this request is for a renewal of an existing variance or a new request since the PSIG had been changed. Brian Morelock said the variance renewal is to not require them to follow the twenty (20) minute rule through their control system of the boiler and a four (4) hour check, the operating pressure is a secondary issue.

Brian Morelock made a motion to approve the variance contingent upon discussed changes being made to the manual and passing field inspection by the Deputy Inspector. Eugene Robinson seconded the motion. The vote was taken and the motion carried with Dr. Canonico and Chairman Lunn abstaining.

**11-02** - (909) - Proposed revision to item nine (9) of the *Checklist for Attendant Variance Requests*.

The current wording of item nine (9) is as follows: "*Is this a new variance request or a renewal request? Renewal request require a revision page in the System Operating Manual to show a summary of changes.*"

The proposed wording of item nine (9) is as follows: "*Is this a new, modified or renewal variance request?*  
New \_\_\_ Modified \_\_\_ Renewal \_\_\_

*An approved variance request shall have a revision page placed behind the title page of the System Operating Manual. Any change to an approved System Operating Manual must be summarized along with the date of the change on the revision page of the System Operating Manual.*"

Neil Jackson suggested that the *Frequently Asked Questions (FAQ's)* document should also be revised to add a definition of a "modified variance". Chairman Lunn said he would work on the wording and present it at the next scheduled meeting.

Dr. Canonico submitted suggested revisions to items three (3) and thirty (30) of the *Checklist for Attendant Variance Requests*. The Board decided to postpone discussion of these items until the next schedule meeting.

Dr. Canonico made a motion to accept the revision. Brian Morelock seconded the motion. The vote was taken and the motion carried.

IX. RULE CASES & INTERPRETATIONS - (1092) - There were no rule cases and interpretations.

- X. (45 /1094 ) - Dr. Canonico made a motion to move the June 1, 2011 meeting to Wednesday, May 25, 2011 due to scheduling conflicts with some Board members. Dr. Johnson seconded the motion. The vote was taken and the motion carried. The next regularly scheduled quarterly meeting will be held on Wednesday, May 25, 2011 at 9:00 a.m. (CST), at the Department of Labor & Workforce Development Office Building located at 220 French Landing Drive, Nashville, Tennessee.
- XI. ADJOURNMENT - (1163) - The meeting adjourned at 10:17 a.m. (CST).