



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

ANDREW JOHNSON TOWER, 3RD FLOOR  
710 JAMES ROBERTSON PARKWAY  
NASHVILLE, TENNESSEE 37243-0657  
(615) 741-2123

**MINUTES**

**QUARTERLY MEETING OF THE STATE OF TENNESSEE,  
BOARD OF BOILER RULES, 9:00 A.M., JUNE 4, 2003  
ANDREW JOHNSON TOWER, 2<sup>ND</sup> FLOOR HEARING ROOM  
710 JAMES ROBERTSON PARKWAY, NASHVILLE**

- I. Chairman Elliott called the meeting to order at 9:00 a.m.
- II. Board members present: Robert Elliott, Owner-User Representative; Eddie Lunn, Repair Companies Representative; Dr. Domenic Canonico, Boiler Manufacturer Representative; Dr. Glen Johnson, Mechanical Engineer Representative; Clyde Caldwell, International Boilermaker Representative; and Wayne Hiter, Insurance Representative.  
  
Department staff members present: Arthur Franklin, Jr., Administrator; Gary Cookston, Director; Sydne Ewell, Legal Counsel; Martin Toth, Chief Boiler Inspector and Deborah Rhone, Boiler Office Supervisor.  
  
Other guests present: Don Tanner, National Board; Brad Norris, Boiler Supply Company; Greg Kelley, Boiler Supply Company; Tommy Gentry, Purity Dairies; Greg Hamrick, Smith Seckman Reid; David Rehse, Siemens; Stephen L. Sanders, Siemens Building Tech; Jim Stuart, Baptist Hospital; Morris Snow, State Retiree; Rod Addison, Premcor Refining; Steve Anderson, Aptech Engineering; Don Jenks, Lucite International; Brian Blair, Young Technical Services and Eddie Shadden, Private Citizen.
- III. Chief Toth made a correction on item number 03-07 on the current agenda. It should read as follows: *Correction to the item numbering of agendas for the year 2003. Item numbers 02-26 through 02-29 should have been 03-01 through 03-06.*  
Dr. Canonico made the motion to adopt the agenda as corrected and Mr. Lunn seconded it. The motion carried and the agenda was adopted.
- IV. Mr. Caldwell moved for approval of the minutes for the meeting of June 4, 2003, was seconded by Dr. Canonico and the motion carried.
- V. The Chief's Report was given by Chief Toth. A copy of the report is attached to these minutes.

## VI. OLD BUSINESS

**Item 02-21** – The Task Group has drafted a flow chart detailing the progress and procedure guidelines for the Board to use in evaluating and assessing internal use to determine variance guidelines. This flow chart should be in final form at the next Board meeting. Chief Toth added that this flow chart can be published on the State web site when it is approved by the Board.

**Item 02-26** – McKendree Village revised the manual that was presented requesting a variance to Boiler Attendant Rule, Paragraph 0800-3-3.04(22). The Board had approved this request at the March board meeting contingent upon the submission of this manual revision.

**Item 02-28** - Chief Toth reported that he has documentation showing that Pro-Fab is now in compliance. Therefore, the license is approved since the approval was given at the March 5<sup>th</sup> board meeting contingent upon the familiarization in Tennessee law and renewal of stamp.

**Item 02-29** – After a lengthy discussion concerning the variance request for setting inspection frequencies from Lucite International, Inc., Dr. Canonico made the to approve it and Mr. Hiter seconded it. The motion carried. The inspections would be done every two years internally and the external inspections would be in six month intervals.

## VII. NEW BUSINESS

**Item 03-08** – Purity Dairies, Inc. requested a variance to the Boiler Attendant Rule. Mr. Lunn stated the presenter of this variance request is an employee of Boiler Supply, the company where he is employed, so therefore he would not be voting. Dr. Canonico made the motion to approve the variance with Mr. Caldwell seconding the motion. Mr. Lunn did not vote and the motion passed.

**Item 03-09** – Chief Toth stated to the representative from Baptist Hospital that the manual they submitted does not indicate the exact location of the where the boilers are located with no specific information about the boilers. Dr. Canonico made the motion to approve the variance contingent upon revision of page 2 of the manual. Dr. Johnson seconded the motion, Mr. Lunn abstained from voting and the motion passed.

**Item 03-10** – Premcor Memphis Refinery requested extension of the internal inspection interval on a case-by-case basis. Chairman Elliott explained the similar pilot program at Eastman Chemical where he is employed. Don Tanner stated that the National Board is opposed to these programs although their opinion is changing and he agreed with the pilot program at Eastman. Chief Toth said he would need an annual report to the Board and he would oversee the trial program. The following lists some recommendations for Premcor in preparation for their request to incorporate risk analysis methodology into their inspection program.

1. Premcor is requested to come forward with specific requests including the individual Tennessee registered vessels (along with their inspection history) with evidence of a regularly established inspection program included in the program.
2. Provide evidence of how risk is managed and describe how identified overpressure scenarios are mitigated.
3. Describe what approach is used, i.e. team members' area of expertise.
4. Describe methods for obtaining data.
5. Describe the risk analysis program from a qualitative/quantitative perspective.
6. Describe the consequences of failure for the critical vessels.
7. Describe what NDE methods are used.
8. Validate the basis for the requested inspection frequency.
9. Describe effects of startup/shutdown if applicable and mitigation of upset conditions which may affect vessel mechanical integrity.
10. Describe deterioration mechanisms and rate of deterioration.

Mr. Caldwell made the motion and Dr. Johnson seconded it for Premcor to compile this information and be placed on the agenda of the September board meeting. Chairman Elliott was not voting.

**Item 03-11 and Item 03-12** – After review of these two requests (A & B Builders, Ltd. and WACHS Technical Services, Ltd.), Mr. Lunn moved for approval and Mr. Caldwell seconded the motion. After the vote, it was so ordered.

The next board meeting is scheduled for September 3, 2003 in Nashville.

The meeting was adjourned.