



MINUTES

**Quarterly Meeting of the State of Tennessee
Board of Boiler Rules, 9:00 a.m., September 28, 2005
Memphis Marriott, Downtown, Heritage Ballroom
250 North Main Street, Memphis, Tennessee**

I. Chairman Lunn called the meeting to order at 9:00 a.m.

II. INTRODUCTIONS AND ANNOUNCEMENTS – (08) - Chief Toth welcomed everyone to the third annual Tennessee Boiler Inspectors Fall Conference and extended his thanks to all the co-sponsors of the conference. Danny Kail from the Shelby County Mayors Office gave the invocation and welcomed all attendees to Memphis, Tennessee. Deputy Commissioner Bob Henningsen of the Tennessee Department of Labor and Workforce Development congratulated the Boiler Section for its hard work in completing more inspections while doing so under budget. Board members present were: Chairman Eddie Lunn, Wayne Hiter, Brian Morelock, Glen Johnson, Domenic Canonico, and Ed Vance. Boiler Division staff present: Arthur Franklin, Gary Cookston, Sydné Ewell, Martin Toth, A.E. Rogers, Deborah Rhone, Carlene Bennett, Larry Bradwell, Danny Peters, Bob Harrison, Sam Chapman, Bill Anderson, Jim Casseday, Dallas Word, Chad Bryan, Jerry Evans, Randall Kelley, Guy Skeen, Jerry Cromwell, Richard Dickerson. Guest present were: Brad Norris, Boiler Supply Co., Inc.; Wayne Taylor, Eastman Chemical Company; Ruth Stanfelt, Eastman Chemical Company; Travis Brown, Historic Boiler Task Force; Neil Jackson, HSB Global Standards; Charlie Lauderback, FM Global; Frank Childers, TN-KY Threshermen's Association; Jackie Swann, TN-KY Threshermen's Association; Jerry Godwin, St. Paul Travelers Insurance; Chuck Schaber, St. Paul Travelers Insurance; Brian Blair; Young Technical Services; Lonnie Williams, Combustion & Control Solutions, Inc.; Don Tanner, National Board; James (Fred) Allison, HSB I & I Company; Robert Cline, HSB; Luke O'Toole, HSB; Bill Howell, FM Global; Venus Newton, Chubb Insurance; Eugene Robinson, HSB; Walter Mathis, Chubb Insurance; Harold Bowers, FM Global; Lonnie Proctor; FM Global; Tom McGovern, FM Global; David Sliger, Eastman Chemical Company; Allan McCoy, Eastman Chemical Company; Jeff Gladson, Eastman Chemical

Company; Lou Pardue, Mid-South Maintenance, Inc.; Rick Logan, Mid-South Maintenance, Inc.; Shawn Wallace, Mid-South Maintenance, Inc.; Dave Baughman, Allied Boiler & Supply, Inc.; James McGee, Cincinnati Insurance; James A. Gooch, U.S. Postal Service; Keith Bain, Chubb Insurance; Tim Murphy, FM Global; Robert Vance Burrow, Trumbo, Inc.; Ernest Clark, Trumbo Inc.; Joe Tornabene, HSB; Stan Rodgers, Plant Maintenance Service Corp.; Jim Roberts, One CIS; Daniel D. Dickens, Schenectady International; Mary Ann Snyder, Eastman Chemical Company; Buddy Dobbins, Zurich Services Corp.; Ron Miller, Zurich Services Corp.; Shawn Sarvela, Hartford Steam Boiler Inspection & Insurance Company; Sid Glover, Hartford Steam Boiler Inspection & Insurance Company; Roger Broach, HSB; Jim Marshall, Seneca; Paul Harris, Arkema; Terrance Isabell, Penn Specialty Chemical; David Goode, GMW, Inc.; Steve Saunders, Cleaver-Brooks; Timothy Smith, GMW, Inc.; Robert Ferrell, NBB; Rick Apple, Historic Boiler Task Group; Jeff Gladson, Eastman Chemical Company; Jimmy Hassell, HSB; Roger Rickman, Mid-South Maintenance, Inc.; Kenneth Simpson, Trumbo, Inc.

III. CONFLICT OF INTEREST REPORTS – (301) - Chairman Lunn noted a conflict of interest and his wish that a no-vote be recorded for him on agenda items 05-14, 05-15, 05-16, and 05-17. Mr. Morelock stated that Eastman Chemical Company had a new business item that would be presented and that he would abstain from voting on that item. No other board members had conflicts to disclose.

IV. ADOPTION OF THE AGENDA – (331) - Eastman Chemical Company introduced a new business item, a need to re-commission an autoclave, Autoclave #138, TN# 7212-2. Mr. Jeff Gladson will be the presenter for Eastman Chemical Company. The board identified the new business item as Item 05-23.

Chief Toth introduced an old business item that was a late entry onto the agenda. Item 05-13, a request from CoorsTek on a repair to a Tennessee Special.

Mr. Canonic made a motion to adopt the agenda with a second from Mr. Morelock. The vote was taken and the agenda was adopted.

V. APPROVAL OF THE MINUTES FOR THE MEETING OF JUNE 8, 2005 – (367)
Mr. Hiter made a motion to approve the minutes with Mr. Johnson seconding the motion. After the vote was taken, the minutes were approved as written.

VI. CHIEFS REPORT – (373) - Presented by Chief Toth and attached to these minutes.

VII. OLD BUSINESS –

Item 04-21 – (494) - Chief Toth will report on the status of the contingent approval for an alteration to a “Tennessee Special” layered pressure vessel (TN# 64340, TS6694) submitted by Eastman Chemical Company, Tennessee Operations, Kingston, TN, at the September 22, 2004 Board of Boiler Rules meeting. **Chief Toth said that he had been contacted by Mr. Norton with Eastman Chemical Company. Mr. Norton asked for an extension on this item until the next scheduled meeting.**

VIII. NEW BUSINESS –

Item 05-14 – (506) - Review a request and documentation from Russell Stover Candies, Cookeville, TN, for a variance to Boiler Attendant Rule, Paragraph 0800-3-3-.04(22). **Mr. Canonico made a motion to delay this item until the next meeting, when a representative from Russell Stover Candies is available to be in attendance. The motion was seconded by Mr. Johnson. Chief Toth said he had been in contact with the Company and they were to have a person in attendance to present the request. He also stated that upon his return to Nashville, he would make contact with them again. Chief Toth advised the board that he would compile their questions and send them to Russell Stover to be addressed. The vote was taken and carried with a no-vote recorded for Chairman Lunn.**

Item 05-15 – (543) - Review a request and documentation from Toho Tenax America, Inc., Rockwood, TN, for a variance to Boiler Attendant Rule, Paragraph 0800-3-3-.04 (22). **Mr. Blake Neville was available to present information from Toho Tenax America, Inc. The company has three boilers used in its manufacturing process. The boilers do not have designated boiler attendants. These persons are classified by EPA as maintenance craft/mechanical/electrical. The boiler operation and controls will be checked on a four (4) hour basis. Mr. Toth recommended to Mr. Neville that the manual read: “while the boiler is operational, the remote station will be manned”. Mr. Canonico questioned how the boiler attendant would know that they were the closest person to respond upon the receipt of an alarm. Mr. Neville assured Mr. Canonico that the control room operator would make that determination and notify the attendant. Chairman Lunn suggested that the manual be clarified with respect to the location of the boilers. Mr. Morelock asked if the training requirements were documented clearly in the manual. Chief Toth said that as long as the training information was available to the inspector, his office had no problem with**

that. Mr. Morelock made a motion to approve and Mr. Canonico seconded the motion. The vote was taken and carried with a no-vote recorded for Chairman Lunn. Chief Toth informed Mr. Neville that it will be the responsibility of the Company to contact his office when it was ready for inspection.

Item 05-16 – (830) - Review a request and documentation from Schenectady International Inc., Newport, TN, for a variance to Boiler Attendant Rule, Paragraph 0800-3-3-.04(22). Mr. Dan Dickens, Engineer and Maintenance Manager for Schenectady International Inc. addressed the Board. Schenectady International purchased the former Great Lakes Chemical site in Newport, Tennessee in March, 2004. The plant had set idle for a little over a year. The company is manufacturing a plastic that is sold to another plastics company. The product produced looks like salt or sugar and is granular in nature. The boiler attendants are classified as Process Technicians. The boiler controls will be checked on a four (4) hour basis. Boiler alarms will be a boiler control initial alarm or an alarm at a remote station. The remote station is a nearby control room that controls the process. Chief Toth asked how often the boiler attendant visit the boiler room and Mr. Dickens said they visit at the beginning of each shift to check the status of the boiler. Chief Toth asked if that information had been included in the revised manual and he responded it had. Chief Toth asked about the training of the boiler operators and security. Mr. Dickens assured him that the boiler operators sit through a classroom period with the production leader and an experienced boiler operator to go over the operation of the boiler, including the controls and general operations. Security is responsible for recognizing an alarm condition and contacting management in the event an operator cannot be located. Mr. Morelock made a motion to grant the request for variance and Mr. Hiter seconded the motion. The vote was taken and carried with a no-vote recorded for Chairman Lunn. Chief Toth asked Mr. Dickens to contact him when the Company was ready for inspection.

Item 05-17 – (1042) - Chief Toth will report on the review of a request and documentation from Williamson Medical Center, Franklin, TN, for changes to the previously Board accepted (December 5, 1990) variance to Boiler Attendant Rule, Paragraph 0800-3-3-.04(22). Mr. Brad Norris was present to explain the editorial and equipment changes. There was additional equipment installed in the Medical Center during its three year expansion program. Just added is a 350 horsepower boiler in the new wing of the hospital. There were some editorial changes made that had to do with updating the control system and the addition of the new boiler. No changes in the process outlined in the manual, the procedures are still current today. The operator job description is the same and the remote station is the same. Chief Toth informed the board that his staff had read the material and agrees that there were not any substantive changes and would do a

reinspection when called upon by Williamson Medical Center. Mr. Canonico made a motion to support Chief Toth's recommendation for approval and Mr. Vance seconded the motion. The vote was taken and carried with a no-vote recorded for Chairman Lunn.

Item 05-18 – (1145) - Review an application and documentation from RMR Mechanical, Inc., Cummings, GA, for a license to engage repairs and alterations on boilers and pressure vessels in Tennessee. **The board reviewed the application and a motion was made by Mr. Canonico for approval of the application. The motion was seconded by Mr. Johnson. The vote was then taken and carried.**

Item 05-19 – (1175) - Kellogg Memphis, Memphis, TN is requesting permission to reinstall a 1957 Pfaudler rotary cooker (TN# T06159, NB# 12383 and a current certificate of operation that expires November 12, 2006) after repairs are performed by RV Industries, Inc., Honey Brook, PA, and returned to the State. The manufacturer's data plate is missing from the vessel, and the original manufacturer is no longer possesses the applicable ASME Code stamp. **Mr. Canonico made a motion to delay this item until the December meeting and Mr. Hiter seconded the motion. Chief Toth said it was a unit that was previously in service and the data plate was lost. The unit will receive minor repairs and brought back into service. Chief Toth had talked extensively with individuals from RBII, which is the company who will be doing the work. Chief Toth said he doesn't have an issue with this because there is quite a lot of information on the unit; it had just lost its official manufacturing data plate. Chief Toth suggested that it be changed from a standard code vessel to a Tennessee Special and treated as such, having a replacement name plate produced. Mr. Canonico pointed out that to change it to a Tennessee Special, it would need board approval. Mr. Canonico rescinded his motion to delay since Chief Toth was comfortable with the information on the unit. Mr. Hiter rescinded his seconded motion. Chief Toth assured the board that the Deputy Inspector or Assistant Chief would be present when the restamping occurs. Mr. Vance made a motion to reinstall the vessel as a Tennessee Special and Mr. Johnson seconded the motion. The vote was taken and carried with Mr. Canonico abstaining.**

Item 05-20 – (1420) - Chief Toth will present the preliminary draft of the proposed changes to Rule 0800-3-3-.08 (Historic Boilers) that was prepared by the Historic Boiler Task Group that was commissioned at the Board's March 2005 meeting. **Chief Toth presented a slide show outlining the proposed changes recommended by the Historic Boiler Task Group and represented in the draft of Rule 0800-3-3-.08. Chairman Lunn thanked Chief Toth for this report and stated that there was no action needed on this item at this time.**

Item 05-23 – (2029) – Eastman Chemical Company request to return to active service Tennessee Special Number 7212-2, Tennessee Number 73237. Jeff Gladson was present to make the request to reactivate this vessel. Eastman Chemical Company’s Jefferson, Pennsylvania plant site that produces hydrogenated resins for the adhesive market has been impacted because of Hurricane Katrina on it’s New Orleans, Louisiana plant site which supplies liquid hydrogen. In order to keep Eastman Chemical Company’s adhesives customers from running out of resin, it would like to transfer production of one of the Jefferson plant’s products to its Kingsport, TN plant site. There is an existing autoclave #138 although it was decommissioned in 2001 due to lack of business. Eastman Chemical Company is proposing to reactivate this vessel in early October, 2005. The Board recognized the importance of haste in this matter due to serious need and normally would not approve such items on such short notice. Due to the thoroughness of the available report and the reputation of Eastman Chemical Company, the issue was entertained. Chief Toth told the board that an application had been generated and if the board approved this item, his office would act upon that application for reinstallation. A Deputy Inspector would be sent to do an extensive inspection of the vessel. Mr. Canonico made a motion to accept and Mr. Johnson seconded the motion. The vote was taken and carried with Mr. Morelock abstaining. Mr. Lunn asked that Chief Toth report back to the Board on this item at the December meeting.

Item 05-13 – (2334) - CoorsTek, Inc., Oak Ridge, TN has requested that the Board notify them of what information is needed by the Board in determining the authorization for repairs/alterations to Tennessee Special 12-95-1 (TN#: T00273)...The proposal is to remove the corroded area of the shell, the company would like to mill .196” of material from the shell. The removed material will not be replaced. Chief Toth presented this item, which was presented at the June, 2005 Board meeting. After looking over the minutes, Chief Toth realized that there had been no communication between the repair company, the company itself, and the Boiler Division. Chief Toth contacted the Company asking if they wanted to appear before the Board. The Company elected to do a late entry to the agenda. Mr. Canonico made a motion to table this item until the December meeting when a representative is available to answer questions. Mr. Johnson seconded the motion. The vote was taken and carried. Chief Toth agreed to compile the Board member questions to submit to the Company for its presentation at the December meeting.

IX. RULE CASES & INTERPRETATIONS

Item 05-21 – (1699) - MacDermid Printing Solutions, Morristown, TN has submitted Rule Case request BC05-21 concerning the operation of unfired pressure vessels in the state of Tennessee that bears an HSB (Hartford Steam Boiler) registration number in lieu of the National Board registration number that is required in Tennessee Rule 0800-3-3-.03(1)(b). Chief Toth presented to the board the rule case request of MacDermid Printing Solutions. Mr. Canonico made a motion to approve and Mr. Vance seconded the motion. The vote was taken and carried. Chief Toth informed the board that this information would be put on the Department’s website under the Rule Cases and Interpretations Index.

Item 05-22 – (1858) - Rule Interpretation BI05-22 requesting for the Board to give an interpretation of an “S” stamped boiler being used in the capacity of a heating boiler. Chief Toth reported that after many conversations with industry and inspectors, there was some confusion on this issue. There are vessels stamped with ASME Code Symbol, stamped for section one where they are being used in the capacity of a heating boiler with the applicable safety release valves and controls for heating and not for high pressure steam. It was clarified that these vessels would be inspected every two years instead of twice a year. Mr. Hiter made a motion to accept and Mr. Vance seconded the motion. The vote was taken and carried. Chief Toth informed the Board that this information would be put on the Department’s website.

X. THERE WAS ONE (1) APPLICANT WHO SAT FOR THE NATIONAL BOARD COMMISSION EXAMINATION.

XI. THE NEXT BOILER BOARD MEETING IS SCHEDULED FOR DECEMBER 7, 2005, IN NASHVILLE, TENNESSEE.

XII. ADJOURNMENT AT 12:00, NOON.