
Office of the Illinois
State Fire Marshal
Boiler and Pressure Vessel Board
Meeting Minutes
December 4, 2013

The Illinois Board of Boiler and Pressure Vessel Rules meeting was held at the Candlewood Suites in Springfield, IL December 4, 2013. Mr. Hoveke, Chairman, called the meeting to order at 8:30 a.m.

ITEM 1 – INTRODUCTIONS

Introductions were made at the start of the meeting.

Board Members Present: Ed Hoveke
Don Partney
George Galanes
Harold Hacker
John Skermont
Ralph Rockwood

OSFM Staff Present: Clayton Novak, Chief Boiler Inspector, Boiler Division
Tom Andryk, Technical Advisor III, OSFM
Ronny Wickenhauser, Chief Fiscal Officer, OSFM
Rosa Velez, OSFM, Boiler Division

Guests Present:
Jim Schiller, G.E. Consolidated Safety Valve
David Weber, Dynegy
Randy Holland, Cincinnati Insurance
Dwayne Dierksen, Cincinnati Insurance
Rich Scheerer, FM Global
Ron Weiss, FM Global
Fred Kruse, HSB Global Standards
Ryan Corn, Marathon Petroleum Company
Brent Metrow, Illinois Emergency Management Agency
Brian Bub, Dyngey
Richard Glodowski, Abbvie, Inc
Robert Boiko, Commissioner, Village of Northbrook, IL

ITEM 2 – APPROVAL OF AGENDA

Ed Hoveke asked for a motion to accept the agenda.

Motion; George Galanes
Second; Don Partney

Approved.

ITEM 3 – APPROVAL OF MINUTES

Ed Hoveke asked for a motion to accept the minutes of the 9-4-13 meeting.

Motion; George Galanes
Second; Don Partney

Approved.

ITEM 4 - DIVISIONAL REPORTS

Mr. Novak presented the Divisional Reports for the month of November.

State Inspections completed;

- 1233 Low pressure boiler inspections
- 115 High pressure boiler inspections
- 521 Pressure vessel inspections
- 1869 Total State inspections

Insurance company inspections

- 851 Low pressure boilers
- 252 High pressure boilers
- 753 Pressure vessels
- 1856 Total Insurance Company inspections

- 3,725 Combined total inspections for State and Insurance companies

Past Due inspections over 90 days for both the State and insurance companies.

State Past due

- 144 Low pressure boilers
- 14 High pressure boilers
- 24 Pressure vessels
- 182 Total State Past Due inspections

Insurance Past due

- 96 Low pressure boilers
- 33 High pressure boilers
- 39 Pressure vessels
- 168 Total State Past Due inspections

- 350 Combined total past due inspections

Total Active Objects

State

- 21,524 Low pressure boilers
- 868 High pressure boilers
- 12,516 Pressure vessels

Illinois State Fire Marshal
Boiler and Pressure Vessel Meeting Minutes
December 4, 2013

Insurance Companies

- 30,202 Low pressure boilers
- 2,748 High pressure boilers
- 30,859 Pressure vessels

- **98,770 Combined Grand total active objects**

Violations/Audits/Reviews

- Violations 166
- Resolved past violations 247
- Audits/Reviews 5
- Convictions 0
- Suspensions 0

ITEM 5 – OLD BUSINESS

- **Chemical Safety Board; NDK Incident**

Ed Hoveke informed board that the CSB completed the accident/investigation report on the NDK accident in Rockford, Illinois. Ed mentioned that the report and the video is on-line and highly recommends that it be watched. Ed stressed that the video was really well done. It can be found at CSB.gov.

Tom Andryk, states the legal division reviewed the CSB final report and drafted a response letter to send to CSB with the board's approval. The letter points out a few discrepancies in the record. The report also failed to mention some facts of the States board's role.

- At the NDK state special permit hearing it was stated that the vessel was not subject to corrosion. This was not stated in their final report by CSB.
- The grant of the permit was issued with special conditions that were not adhered to by NDK. **“Included in the special conditions was a requirement that NDK conduct internal inspections.”**

Motion to send response letter to CSB by John Skermont
Seconded by; George Galanes

- Clayton informed board that he has written a procedure for state special applications. From this point forward this procedure will be enforced with all state specials.

- Clayton added that he discussed with his inspectors that vessels that are subject to corrosion (deaerators are included in this) shall be inspected internally and externally once every 3 years. Clayton will edit the existing inspection report on the object page with an additional check box for Corrosive or Non-corrosive materials occupying the vessel. This will allow the state to start tracking all corrosive use vessels that will require the 3 year internal inspections.
- Tom Andryk informed board that in the **“Boiler and Pressure Vessel Safety Act”** states that in the event that any accident/incident of a boiler and/or vessel owner must notify Chief Inspector within 24 hours from time of accident/incident. If owner fails to notify Chief they are guilty of a Class B misdemeanor.

Board Appointments/Term Expirations

Ed Hoveke informed board on new appointments and renewals

- Don Partney and George Galanes have been renewed to the Board
- Ed Hoveke welcomed new board member Ralph Rockwood was appointed to replace Larry Skalnik who retired from board.

Division fees/fee structure

- Chief Fiscal Officer, Ronny Wickenhauser, attended meeting to inform the board that we collect approx 3.6 million in revenue and the inspectors salaries are 2.8 million.
- Ronny proceeded to state that this is not a case to increase fees with this net positive income and based on the income this is not the time to increase the fees.
- Ed Hoveke stated that this issue is closed at this time.

Clayton informed board that he has ordered 18 Personal hazardous Gas monitors/detectors for all inspectors to wear to assure their personal safety and the general public safety. These detectors will allow the inspectors to quickly identify and take action for any potential hazardous conditions that may exist in the facilities.

ITEM 6 – NEW BUSINESS

- Clayton informed board that he had attended the National Board meeting and discussed the repairs of tube sheets.
 - National board web site has the review of tube sheet field repair procedures.
 - Low Pressure, 15 psi steam or 30 psi hot water or less: patch can be cleaned and slag removed and welded back into tube sheet.
 - High pressure, "S" Stamped repair must be performed using original code of construction requirements to which the boiler was fabricated and constructed. For example, items such as stress relieving, NDE, or any other fabrication requirements must be strictly adhered to in accordance with the original code of construction.

Illinois State Fire Marshal
Boiler and Pressure Vessel Meeting Minutes
December 4, 2013

- Hot Water Heater Safety valve presentation
 - Robert Boiko, Commissioner, Village of Northbrook, IL expressed the importance of safety valves.
 - Robert Informed the importance of inspecting for corrosion of the temperature probes that are part of the safety valve. He has spoken to AO Smith and Watts representation on these issues and they say the valves need to be inspected and/or replaced every 3 years.
 - Robert feels the NBIC has not addressed the importance of inspecting these safety valves on this frequency. Robert stated that he would like to have a code revision to the NBIC to include ASME guidance on safety valve testing/inspections.
 - George Galanes informed Robert to contact the NBIC directly to propose a code change. George recommended for Robert to contact Robin Hough/NBIC Secretary and inform her that you would like a code revision. The request for code revision must follow the format stated in the NBIC.
 - Robert would like to see Sub paragraph 3 to include safety valve inspections.
 - NBIC may be writing a separate book on the inspection of safety valves.
- Clayton informed the board that last week that there was a boiler explosion in Rockford, IL and he still has not heard anything from the owners or any Fire dept jurisdiction. Clayton did send inspectors to the site to review and document his findings.

ITEM 7 – NEXT MEETING DATE

The date of the next meeting will be March 12, 2013 in Springfield.

ITEM 8 – ADJOURNMENT

There being no other business, the meeting was adjourned at 9:40AM on a motion by Mr. Galanes, seconded by Mr. Partney and passed.

Respectfully submitted



Harold Hacker
Secretary