Board Members:
Robert Olson, Chair
Terry Chapin
Leslie Grimm
Larry Trenda
Tim Barker
Tony Oda, Secretary

Other Attendees:
Mike Carlson, State of Washington
Calista Shoblom, State of Washington
Edwin Andrews II, Andrews Mechanical Inc*
Larry Leet, City of Seattle
Chris Jackson, Nautilus Loss Control, LLC*
Ray Powell, Rec Solar-DLU*
Doug Barkley, US Oil & Refining Co*
Ray Powell, REC Silicon*
Gary Cole (teleconference)*
Bob Homer (teleconference)*

* Attended Study Session only
** Attended Board Meeting only

The Board of Boiler Rules Study Session was held on February 12, 2013 from 10 a.m. to 12:36 p.m.

The Board of Boiler Rules meeting was called to order by the Chair on February 13, 2013, at 10:06 a.m. Introductions were made by the board members and guests attending the meeting.

Agenda Item 1.
The meeting agenda was reviewed and approved as written.

Agenda Item 2.
The minutes from the November 13, 2012, meeting were reviewed and approved as written.

Agenda Item 3.
Gary Cole, on behalf of the Eastern Washington Agricultural Museum, Pomeroy, WA is seeking a Washington State Special for a historical 1906 Russell 30 Horsepower locomotive type, stationary power boiler. The boiler was donated to the museum in 2010 and they want to get it certified in Washington State for live steaming exhibitions for the public on their museum grounds. The board reviewed the documents provided by Mr. Cole, which consisted of the boiler description and brief history, UT readings and pictures of the boiler. In 2012 the boiler was completely disassembled and refurbished by the museum volunteers. They hydrostatically pressure tested the boiler successfully to 90 psi, and presently have an 80 psi safety device on it. The UT survey included in the package was conducted by David Rath of Atlas Boiler (National Board “R” Stamp holder) in February 2012. The board requested that Mr. Cole provide the minimum calculated thicknesses for all the surfaces that were UT’ed. Also, the 2” boiler tubes need to be UT’ed and the inability to obtain proper UT readings on the bottom half of the front tube sheet was a concern that needs to be addressed. The board informed Mr. Cole that all
requirements of WAC 296-104-210 need to be met, especially a Washington State P.E. evaluation of the design, which would also include calculations, establishing the MAWP, material specifications and proper safety valve sizing and capacity rating. The Board will keep this on the May agenda awaiting the additional information requested.

Tony Oda added that Mr. Cole and his group are all volunteers and their budget is minimal. Bob Homer, a retired HSB inservice inspector, will contact North Dakota’s Chief Inspector, Bob Reetz, as he might be able to provide help to find a suitable P.E. for this project.

**Agenda Item 4.**
**Extension of Internal Inspection Frequency Request – Boise Paper.**
Boise Paper was not in attendance nor have they provided additional NDE information from their last internal shutdown. This item will be included on the May meeting agenda, if further information is received from Boise Paper, Wallula.

**Agenda Item 5.**
**WAC 296-104-010 Administration New definition for Jacketed Steam Kettle.**
Inspections of jacketed steam kettles have always been mandated in WA, due to their inherent danger. Inspection of these vessels is required in the majority of the other jurisdictions throughout the nation. This mandate has been a “verbal” jurisdictional directive in force for over the last 20 years. The department would like to add this definition to eliminate confusion about our intent and scope of jacketed vessels to be inspected.

Larry Andrews, with Andrews Mechanical, wanted the board to also address hot water jacketed kettles in this definition. After discussion, it was determined that more research was required by the department to verify if hot water jacketed kettles needed to be included in this definition. The department will submit a revised definition for the May board meeting. The board looks forward to the next meeting for another proposal.

**Agenda Item 6.**
**WAC296-104-102 Inspection - Revision to adopt NBIC, Part I – Installation.**
The department would like the board to consider adopting the NBIC, Part I to allow the department jurisdictional authority to have a standard to conduct installation inspections. Along with the already adopted NBIC Parts 2 & 3, this change would give the jurisdiction full compliance with RCW 70.79.030 and RCW 70.79.040, which gives the board the authority to promulgate rules and regulations for the safe and proper installation, repair, use and operation of boilers and unfired pressure vessels. This would also allow the Inspectors to write violations for installation deficiencies directly and insure that the corrective actions are completed in a timely manner. This would also allow for a complete inspection process and would increase public safety by having jurisdictional inspectors handling the installation and inservice inspections.

If NBIC, Part 1 is adopted, state inspectors will perform the first inspection on power boilers and heating boilers to insure uniformity of installations.
Tim Barker proposed to create a new WAC specifically for adoption of NBIC, Part 1 as this would stick out and be more user friendly. WAC 296-104-251 would be available for this purpose. The department will also check with the Attorney General’s office regarding inspection on items outside the boiler inspector’s jurisdictional code boundary.

**Agenda Item 7.**

**Department Notes:**

**Rules after the Moratorium**
The moratorium on WAC revisions has been lifted as of January 1, 2013.

**Board of Boiler Rules Public Hearing for 2013**
Public hearing is scheduled for March 27th at 10 a.m. at the Labor and Industries office in Tacoma, room 503. An official notice will be sent to all stakeholders on our listserve. Since the specified time period has expired on the previously board approved WAC revisions, a revote and approval process will have to be followed at this public hearing for each WAC change. A court reporter will be contracted to record the proceedings as required by law. Once the public hearing process is complete, the WAC revisions will proceed to the code reviser’s office in May. Hopefully, by June/July the revisions will be incorporated in the new law book.

**Conflict of Interest Inquiry – Chris Jackson, Nautilus Loss Control, LLC**
Chris Jackson, Nautilus Loss Control, LLC an independent loss prevention consultant, who specializes in black liquor boilers with a niche in the pulp/paper industry, is seeking clarification under WAC 296-104-035 Conflict of Interest for Commissioned Inspectors. Chris stated that he realized he is violating the letter of the rule as it is written, but not the spirit of the rule, as he feels he has a conscious separation of his duties as an inservice inspector for OneCIS and his consulting business. The board suggested input from the AG’s office. Tony called the board’s AG, and was told that this WAC is very clear and specific. No commissioned inspector can engage in any service activity in the boiler industry. The board also agreed with this decision. Mr. Jackson was notified of this interpretation and will be submitting a “Board of Boiler Rules Interpretation and Revision Form” for the board’s consideration for the May meeting.

Meeting adjourned at 10:37 a.m.