

Minutes: ASME Research & Technology Committee on Water and Steam in Thermal Systems, Main Committee

IWC, San Antonio, TX. 10/29/08

D. Bloom, committee chairperson opened the meeting.

The minutes of the spring 2008 meeting were accepted.

A. Banweg presented the financial report. Respective account balances for the Main Committee and Properties Subcommittee are \$37,876.71 and \$22,187.23.

The next meeting of the committee, at NIST in Gaithersburg, MD is scheduled for April 29 –30, 2009, with the 28th as a working day for the Water Technology Subcommittee.

R. Holloway reported on the planned ASME sessions at the IWC. Two ASME sessions are planned one addressing the topic of alkalinity in boiler water and a second session to address refinery industry topics such as steam purity and condensate polishing. This session was proposed to include a Q&A session, possibly to include questions solicited ahead of time.

Proposed session topics for IWC 2009 were then discussed. J. Bellows proposed a session on the properties of seawater and other concentrated saline solutions. This might be a topic that the Properties Subcommittee would organize. Other potential topics included 1.) Metallurgical failure analysis, and 2.) High pressure chemistries such as AVT (O) and R, OT, Phosphate Continuum and Caustic Treatment.

Water Technology Subcommittee's proposed agenda items were discussed; the HRSG guidelines project, the precommissioning project and produced water guidelines project. Unfortunately R. Light Subcommittee chairman could not attend this meeting.

The Properties Subcommittee did not meet at IWC this year but had previously met at in Gaithersburg at NIST.

J. Bellows reported on the activities of the Properties subcommittee. ICPWS meeting plans for Berlin were discussed. The second edition of the Properties of Steam with a new viscosity formulation is in process including new Steam Properties software.

The Amine Research project was discussed with respect to test conditions, results to date, future plans and funding status. More details regarding these topics were discussed in a separate Task Group steering committee meeting.

A task group to develop guidelines for produced water applications in enhanced oil recovery steam systems was initiated. M. Myszczyzyn to chair this task group.