

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

NIST, Gaithersburg, MD 4/29-30/09

D. Bloom, committee chairperson opened the meeting.

The minutes of the fall 2008 meeting were accepted.

A. Banweg presented the financial report. Respective account balances for the Main committee and Properties subcommittee are \$29,971.41 and \$19,090.26.

Committee sponsored sessions for IWC 2008 were reviewed, these involved two panel discussion one on precommissioning and one on boiler water alkalinity. A technical paper session was also presented involving topics for the refining and chemical processing industries.

Plans for IWC 2009, Orlando, FL were discussed. Two ASME panel discussions are planned one addressing the topic of failure analysis in steam generating systems and a second on the topic of high purity water analysis.

D. Bloom (for R. Light who was unable to attend) reported on the activities of the Water Technology subcommittee, these included continued work on Water Chemistry Consensus Guidelines for HRSG's, project led by D. Daniels. Work also continues on the HRSG Commissioning Guidelines, project led by T. Beardwood. M. Myszczyzyn will lead a Steam Flood Guidelines project.

The Amines research project was also discussed. Testing parameters to date were discussed as well as future work and available funding. Apparently EPRI also has a project to look at amine properties data. Unfortunately, M. Rootham will be unable to continue on this project do to a personal health situation.

R. Harwood reported on the activities of the Properties subcommittee. The second edition of the Steam Tables is out. Also DLL's for the Steam Properties software have been completed. The next meeting of IAPWS is to be held in the Netherlands, Sept 2009. The complete minutes of this subcommittee meeting are posted on the ASME website.

Liaison reports:

J. Robinson reported that NACE has formed a new committee to assess the cost of water treatment in the CPI industry.

D. Dewitt-Dick reported that the PPEC committee has asked for a presentation on the Amine research project.

R. Holloway reported that the PTC-31 committee met 4/27 at NIST and expected to complete their work on high purity water analysis in about 1-2 years.

J. Robinson reported that BLRBAC has started a project on water quality for black liquor recovery boilers in the Paper industry.

W. Bernahl reported that IWC has received significantly more abstracts for consideration this year than previous years.

Membership

T. Beardwood proposed M. Willett for committee membership. His membership was approved by committee vote.

New Business:

None

Twenty one participants were in attendance.

The fall meeting of the committee will be held in conjunction with IWC, Orlando, FL, 10/4-8/09. The Water Technology subcommittee will meet 10/7(pm) and 10/8 (am)/09. The Properties subcommittee may meet at about the same time, but plans have not been finalized.