

To: A. Banweg

From: D. Bloom

Subject: Meeting Minutes for May 13-15, 2003

The Water Technologies Subcommittee met from May 13-15 with 11 members in attendance during the meeting. An attendance list follows.

Member Attendance May, 2003:

1. Tony Banweg; Ondeo-Nalco
2. Jim Bellows; Siemens Westinghouse
3. Debbie Bloom; Ondeo-Nalco
4. Irv Cotton; Arthur Freedman Associates
5. David Daniels; Mechanical & Materials Engineering
6. Bob Holloway; Holloway Associates
7. Julius Isaac; Bechtel Power Corporation
8. Jim Robinson; GE Betz
9. Mike Rootham; Mike Rootham & Associates
10. Jean Sabourin; Agrium
11. David Simon II; Cyrus Rice Water Consultants

Subcommittee Business

Next Meeting

Our spring meeting will be held October 21-23, with October 23 being a working day for work groups.

Mission Statement

A mission statement was drafted for our group and has been posted on our subcommittee website: <http://www.asme.org/research/wsts/watersubcmte.html> Current projects, future projects, and past projects and publications are also listed on the website. A members list is also posted.

Our new mission statement reads: To undertake research and education in the development of good feedwater and boiler water chemistry control practices for steam and water usage in all thermal systems.

Work Groups

Our Subcommittee is currently working on three documents and a research project.

HRSG Feedwater Consensus - Group Chair David Daniels

The HRSG Feedwater Consensus Group met on May 13 to review the latest document draft provided by Dave Daniels. The majority of our time was spent discussing our suggested chemistry limits.

Issues discussed included:

1. Old FW/BW consensus table 1 will be used (with adjustments) for systems with soft water make-up.
2. EPT vs. AVT treatment and controls
3. Need to add discussion on hideout – constituents noted for phosphate and for AVT
4. Carryover constituents for AVT vs. phosphate programs
5. FAC and OT
6. Treatment and feedwater limits to be defined by highest pressure drum
7. Presence and source of organic acids

Monitoring and Control Document - Group Co-chairs Irv Cotton and Roger Light

Roger Light consolidated/edited changes made to the document during our last meeting. The edited document was then reviewed in great detail in a discussion led by Irv Cotton. Irv will incorporate the new changes and have a copy read for balloting by IWC 2003. Jim Bellows will investigate references to ASTM test methods and whether this needs to be changed.

HRSG Precommissioning - Group Chair Ted Beardwood

Ted Beardwood was not able to attend the May meeting, but asked that we meet without him. Debbie Bloom led the discussion.

The time line elements drafted during our April 2002 meeting were used as a basis of discussion for the group. Additional key requirements (pitfalls/bottle necks) for each time line step were identified and discussed. Certain steps have been renamed and or repositioned.

Amine Use in High Pressure Power Plants (Joint project with Properties of Steam) – Group co-chairs Mike Rootham and Jim Bellows

To be reported separately by chairs.



D. M. Bloom