

MEETING MINUTES

Technical Committee TC3.6 Water Treatment Tuesday, January 28, 2003 Chicago, IL

Chairman Mark Hodgson called the meeting to order at 1:01 PM.

Members and guests in attendance introduced themselves. Nine (9) Voting Members were in attendance, constituting a quorum. 8 Corresponding Members and guests present.

Motion to accept minutes of the Honolulu meeting was approved as amended. 1st H. Benisvy, 2nd by Dave Geary. Motion passed 9-0.

Membership Subcommittee – David Geary:

Membership continues to be at 15 with 2 international members.

Many changes coming and many rotating off of committee. Dave read the list.

Hal Roth has replaced Kerwyn Zimmerman as a voting member.

In 2003 the TC will lose 7 voting members and it is proposed Amanda Meitz and Barry Fields be added to voting status.

New voting members – Bill Pearson, John Lane, New corresponding Andy Cooper. Bill Beer and Tom Bugler.

Have 14 voting members and one international members.

Handbook Subcommittee Report – Mike Adams

Handbook will be split into sections and reviewed. Two volunteers. We would like to have the review available for review in KC. The electronic version will need to be updated for the inclusion of G-12, biocide research and the magnetics research.

Note: Bob Petterson chaired an extensive re-write of the chapter two years ago. The review is expected to be more cursory
The official handbook(s) of ASHRAE is the CD version. The complete CD including the four handbooks will be reviewed annually. ASHRAE would like to be more interactive and can include videos.

Research Subcommittee Report – Amanda Meitz

- RP 594

Bill Thomas no longer with Built Environment Group. Ian Smith is our new contact. Barry Fields has sent an email requesting the paper be completed and he is awaiting a response. The test rig is in storage. Sub-committee suggests that we postpone voting on this subject until we get a response and the final report.

- RP 1155 Presented on Sunday. Paper is available through ASHRAE and final report has been reviewed and approved by the sub-committee. Good job done by all. Sub-committee recommends that we vote to approve the final report and

Motion made to accept the research and final report and release final payment on RP1155. Project is completed. 2nd Dave Geary. 8,0,1 in favor, (0) against, one abstaining.

White Rust Project RP 988 –

Motion made to accept the research and final report and release final payment on RP 988. Project is completed. 2nd Howard Benisry. 9,0,0 in favor, (0) against, none abstaining.

- **Water-side Fouling Inside Smooth and Augmented Copper Alloy Condenser Tubes in Cooling Tower Water Applications RP-1205 –**
- Hal Roth gave a brief update of this project sponsored by TC8.5. The basic direction the project is going involves measuring the heat transfer resistance in fouling of enhanced tubes. The project is performing a survey of condenser water types trying to equate the antidotal data to fouling. The response to the survey data first is not an adequate representative sample of all the water supplies in the country and further is not based on scientifically supported fact.

This project is not ours to monitor. Much discussion. Concern about the validity of the research and that incorrect information be published by research.

Hal to send a copy of the work statement and other data to Dave Geary to try to go through Research Committee to get the issues addressed.

RTAR – LD and fill removal - Best Practices could be included in the work statement. Try to get an electronic vote with in two weeks

Motion made by Dave Geary to send the Work Statement on LD on fill removal by middle of February 2003 to go to ASHRAE as is or as amended in Honolulu. 2nd by Scott Mayes. Motion carries 9,0,0.

Discussion - Mark Hodgson – requirement to remove fill has been removed from the UK.
However, World health Organization

Mark will circulate the existing work statement in two weeks to both TC 3.6 and 8.6 for the vote in mid February.

List of official Research Topics created.

Next RTARs submitted in August.

Extension of magnetic work statement. – magnets and microorganisms

Passivation of zinc cooling towers. – Paul Lindahl

Conditions in dead legs and piping

Unsolicited Research Proposal

RTAR – M Hodgson – Serin-lactone as a quorum sensing – high risk

Impact of magnets on boiler systems and closed loops

Research on Closed loop water treatment. –

Looking at overall practices and validation

Bob Dwyer practices for passivation

Program Subcommittee Report – Hal Roth:

- **Chicago** – Program Results
- Symposium – on Water Treatment issues – 40 attended, evaluation forms made available. Overall very positive. All 3 papers very well done.
- Forum 12-2000 – 8 AM Sunday morning. 25 people attended. Didn't get much of what we looking for – How is Guideline 12 being used? Not many people know about it.

Kansas City Plans

Seminar - Mark Hodgson has arranged for Ford presenting a LD Case history on what happened in the Cleveland outbreak.

Dave Geary - Motion to accept Ford's offer for a two-hour seminar. 2nd Hal Roth, Motion carries 8,0,1.

Mark to ask for access to overheads to put on the website or permission to video the presentation. Could be a benefit to Ford as well as it documents

Forum – Now that RP 1155 Efficacy of Magnetic Water Treatment is complete, what's next ? -

Motion hold a Forum – Now that RP 1155 Efficacy of Magnetic Water Treatment is complete, what's next? – Al Spence is to moderate forum. 2nd Dave Geary, Motion passes 9,1,0

Other Business none

Next Meeting

Tuesday, July 1st in Kansas City.

Program, Handbook, and Research Subcommittees – Sunday, June 29th

Motion to adjourn seconded and carried.

The meeting was adjourned at 3 PM.