

Minutes of Cincinnati, Ohio ASHRAE TC 8.6, Cooling Towers and Evaporative Condensers, Meeting: June 25, 2001

The meeting was called to order by the Chairman Bob Shiver at 2:15 p.m. Six of the ten voting members were present constituting a quorum. Our one international member was not present. There were 4 corresponding members present and 4 guests, totaling 14 attendees. Self-introductions were made.

Scope: The Chairman read the scope of the committee: "TC 8.6 is concerned with cooling towers, evaporative liquid coolers and condensers, spray ponds, and other types of contact type liquid to air exchangers and applications to complete refrigeration systems, including water treatment".

Summer Meeting Minutes: Approval of minutes from Atlanta

Motion: (Lindahl / Edmonds) To accept the minutes as written.
It passed unanimously.

Information from Chairman's Breakfast:

1. Currently 50% of program submittals are done on-line. Research projects that have had bids received had 6 project awards approved. 21 work statements were received; 6 were returned and 1 rejected.
2. Budget for research: 2000-2001 is in the \$2.9 million range, 2001-2002 is in the \$2.8 million range.
3. Closing dates for papers for Forums, Symposia etc are 8/3/2001 for Atlantic City and 2/8/2002 for Honolulu. Deadlines for RTAR's 8/1/01 and work statements 9/15/01.
4. New handbooks are scheduled to be mailed 7/5/01. 10,000 members possibly might receive 2 copies.
5. ASHRAE prefers paper copies when modifications are performed. This is so changes can be tracked.
6. ASHRAE Learning Institute: correspondence courses, ASHRAE is seeking TC input. Professional Development Seminars: need to be reviewed when modified. Any ideas/topics for either are welcome and can be submitted.
7. ASHRAE wants a balance on the TC's, trying to make sure it is not all manufacturers.

Discussion:

Beda: Robert Hayes has not been in attendance for the last 4 or 5 meetings. He is currently the Vice-Chairman. Dick LeClaire volunteered to be Vice Chair.

Reports:

Membership: Mike Beda

The process of contacting the corresponding members is complete. The TC is in good shape for members, with ten voting members. The TC is always looking for members, but attendance to the meetings for voting purposes is needed. The TC is always looking for potential members from the end user community.

Handbook: *Frank Morrison (not present)*

Dave Geary: The process of reviewing files and notes is ongoing in preparation for the next revision. If anyone has comments or suggestions pass the information on to Frank.

Shriver: ASHRAE is looking for 4 chapters in the handbooks to put "gee wiz" into: color graphics, etc. to jazz it up.

Standards: *Bob Shriver*

STD 64 is out for public review. It came back with 7 comments from 2 commentors. 6/22/01 Standards Committee for SPC to address comments. A call for members for the SPC. Need to request room in Atlantic City. A question about how many members are required needs to be answered.

Bob Shriver will chair the SPC committee. John New and Paul Lindahl volunteered to be on the committee. But, first we have to wait for ASHRAE to put out a call for members which will happen automatically. Once complete, a committee will be formed and room assignments requested.

Research: *John New*

The TC is officially co-sponsor for the RTAR on the fill removal from cooling towers and periodic disinfection. Howard Benisvy (TC 3.6) was talked with and the RTAR will be voted and approved in the TC 3.6 meeting tomorrow.

Appears if the RTAR gets submitted it might be reviewed in October meeting. The soonest the Research committee will act on it will be Atlantic City.

Geary: The Research committee only meets once a year to review and approve research projects. The objective is to have all work statements in by 12/12/01. Because of the requirements in the UK: disinfecting. The test apparatus has corroded and needed to be rebuilt. Now they are having trouble getting the test rig back in operation. Bill Seaton is urging moving the process along. 5 different regimes have been identified, including - the best practices, good biocide treatment program, a biocide recognized as an effective treatment against Legionella. Sketches of the test rig have been done.

The question about problems of growing Legionella were mentioned.

Program: *Alfredo Sotolongo (not present)*

Alfredo apologized because he could not attend meeting. Nothing going on with program.

Water Treatment: *Dave Geary update from TC3.6*

RP1155 being performed by Drexel: magnetic water treatment is moving along fairly well. It has demonstrated that magnets reduce fouling and the velocity past the magnets is critical. An update will be given tomorrow in TC 3.6 meeting, AI Spence Program Monitoring Sub-committee and Dr. Young Cho. No information has been published on this project to date.

Standard 90.1: *Dick LeClaire*

90.1 is in continuous maintenance. Draft revisions are submitted all the time. The TC should look out for "addendum i".

Currently: If a certification program exists then the equipment has to be certified. If no certification program exists than the manufacturers data will be used.

GPC-18: Paul Lindahl

Paul is still monitoring the committee, and maybe able to get on as a voting member. Note there has no trouble with participating.

Tier II requirements, 95% have rejected the tier II requirements. They are no longer looking at individual pieces of equipment but are looking at "systems". 90.1 originally had 3 tiers 1,2, & 3 - with 25, 50 and 75% savings. Tier 2 was not attainable.

The GPC is writing a process for an approach for efficient design for a building; kind of writing a cookbook for design.

The GPC is not really balanced. It is low in the manufacturer membership area. It is stacked heavy with demonstrative energy efficiency design seekers.

The question on how TC 8.6 feels about Paul's involvement and support of pursuing membership status on GPC.

GPC 18 currently has 14 to 15 members. They still might be resistant on membership.

Motion made to support Lindahl's pursuit of membership on GPC18. (Edmonds/ Wood)
It passed unanimously

Paul will feel around first; and TC agrees if resistance is encountered it is not worth fighting. Maybe it will be helpful for CTI joint membership sponsor.

Old Business:

Journal papers on effects of fouling and water treatment will slide again.

New Business:

none

Motion to adjourn - 3:15 PM

Respectively Submitted

R. Wood

TC 8.6 Secretary

July 20, 2001