

January 23, 2006

TC 8.3 R&D SUBCOMMITTEE MINUTES OF MEETING IN CHICAGO, IL

TC 8.3 Research Subcommittee met on January 23, 2006 in Chicago, Illinois. A list of attendees is attached (attachment 1).

1. **Review of Minutes from June 27, 2005 meeting in Denver, CO.**

The minutes were read and reviewed and no changes were requested by the subcommittee members.

2. **TRP 1200 *“Optimized Operation of Heat Activated & Electrically Activated Chiller Equipment in Hybrid Machinery Rooms and Associated Design Control Strategies.”***

Contractor was present to provide an updated presentation.

The PMS Subcommittee met with the contractor as well.

Jay Kohler reported that PMS met with contractor and received, reviewed and discussed the final report. It was reported to be technically a very good report with only a small number of editorial questions.

The report needs to be complemented with additional implementation information. A no cost extension is recommended to July 31, 2006.

Contractor gave an overview (attachment 2).

Main committee approved extension: 7-0-0.

3. **Work Statement WS1263 / RTAR 2005-7, Analysis of the Transient Response and Associated Control Strategies for LiBr-H₂O Absorption Systems.**

The WS was resubmitted by Vikas Patnaik and returned for revision on October 26, 2005. The revision suggestions are attached (attachment 3).

Uwe Rockenfeller read ASHRAE's RAC response to the research subcommittee. Uwe asked for a volunteer to rewrite a new RTAR. No volunteer was found.

TC 8.3 Research Subcommittee recommended to main committee to withdraw WS1263. Main committee voted to withdraw: 7-0-0.

4. RTAR 1392 Sustainability Assessment of Absorption and Vapor Compression Chillers.

The RTAR revision was submitted in August 2005 and rejected by RAC on November 4, 2005. The rejection letter is attached to the minutes (attachment 4).

Based on the harsh rejection the subcommittee discussed the option of RTAR withdrawal.

The subcommittee recommended to the main committee to withdraw RTAR 1392.

The main committee vote to approve withdrawal was: 7-0-0.

5. Update on Research Chair Breakfast

- 45% of RAC rating of proposals is related to support of research plan.
- Procedure on Lowest Bidder vs. Best Value Proposals (see attachment).
- Procedure for Avoiding Actual Conflicts-of-Interest (see attachment).

Controversial issue: WS co-author to be within 10% of suggested bidding price clause was brought up to main committee.

The main committee expressed its concerns and negative opinion of this clause: 8-0-0.

6. New Work Statements

The research plan lists "*Active Enhancement of Heat & Mass Transfer*" as the third priority. No RTAR has been drafted to date. Srinivas agreed in 2005 to initiate an RTAR on this topic:

Srinivas will have a draft to co-authors by February 28th.

Bruce Urban volunteered to be co-author.

Reinhard Radermacher volunteered to be co-author.

Uwe Rockenfeller volunteered to be co-author.

7. Other Business

Research results abstract for future handbook needs to be supplied to Don Erickson.

Submission is planned for fall of 2006.