

ASHRAE Meeting Minutes  
TC9.13  
Combustion Turbine Cooling Systems  
Monday June 30, 2003  
Kansas City, Missouri

Chairman Bill Stewart called the meeting to order.

Quorum

Seven voting members were present (Stewart, Andrepont, Edmonds, McAuliffe, Williams, Kooy, Abedin (Int'l)); thus there was a quorum. Four members were absent (Saa (Int'l), Landry, Acevedo, Klekar.)

Approval of Minutes

The committee reviewed the Winter 2003 minutes from Chicago. Motion to approve Winter 2003 minutes. (Edmonds, 2<sup>nd</sup> Andrepont) Motion unanimously approved.

Handbook

John Parker is no longer handbook subcommittee chair.

Bill Stewart will be the interim handbook subcommittee chair. The TC missed the 2003 chapter deadline. We now have three years to get the chapter done. Plan is to have a handbook chapter draft for comment this fall.

Website

Dharam Punwani reported that there is a temporary committee website on the Avalon server. Information from the Chicago seminar has been posted.

The ASHRAE website is working. Suggestions were requested for committee website on the ASHRAE server. The committee website will be created in the next couple of months. Plan is to include meeting minutes, activities and programs.

Programs

Richard Kooy reported on programs.

The Kansas City program was a seminar – “Developments in Combustion Turbine Inlet Cooling.” Speakers were:

- Bill Stewart
- Don Erickson
- Kurt Liebendorfer
- Don Holman

Attendance was good and the program was well received.

A symposium is planned for Anaheim (Winter 2004.) Title is “Case Studies in Combustion Turbine Inlet Cooling.” Verle Williams will be the chairman. Planned speakers are:

- Don Erickson
- Tom Tillman
- Bill Stewart
- Pat Graef (possible)

Papers must be submitted and reviewed by August 8, 2003.

A forum is planned for Anaheim (Winter 2004.) Topic will be “What is the World-wide Outlook for Combustion Turbine Inlet Cooling Applications?” Bill McAuliffe will be the chairman.

Motion to accept to Anaheim program plans. First priority is the symposium; second priority is the forum. (Kooy, Andrepont 2<sup>nd</sup>.) Approved 6-0-0, chairman not voting.

The following program ideas for Nashville (Summer 2004) were discussed:

1. Co-sponsor a seminar with Cogen, TC 9.5 on the microturbine applications. Bill Stewart chair.
2. Forum on moisture issues, clarify research needs relative to the impact of moisture on combustion turbine inlet cooling. Tom Tillman moderator.

Motion for the committee to recommend to ASHRAE that there be a technical tour of Reedy Creek Power Plant during the Orlando meeting (Winter 2005) (Andrepont, 2<sup>nd</sup> Edmonds.) Approved 6-0-0, chairman not voting.

### Research

Don Erickson reported on research.

The Commissioning Guidelines work statement has been approved but is not funded. This is one of 7 remaining projects in the ASHRAE backlog. The members of the proposal evaluation subcommittee are Tom Pierson, Rudy Acevedo and Larry Rolison.

According to Pat Graef, ASME has convened a committee that is looking at CTIC commissioning. TC 9.13 felt that ASHRAE has refrigeration knowledge and that the out work on the commissioning guidelines should proceed.

Motion to confirm the research priorities (Andrepont, Edmonds 2<sup>nd</sup>) as follows:

1. Commissioning Guidelines
2. Computer Modeling
3. Moisture Issues

Approved 6-0-0, chairman not voting.

Tom Pierson has revised the Computer Modeling RTAR. Don Erickson will update further and send out to voting members for approval by August 1.

Kaye Flamm has revised the Moisture Issues RTAR. Bill Stewart will revise further and send out to voting members for approval by August 1.

## Membership

Bill Stewart will submit Kurt Leibendorfer as an emergency add to voting members. Laszlo Emmo will be added as an international member. Larry Klekar will be dropped as a voting member.

The new rooster begins after this meeting. Verle Williams will be chair, Kaye Flamm will be vice-chair and Rudy Acevedo will be secretary.

## New Business

The TC for will be changed from 9.13 to 8.7.

The committee thanked Bill Stewart for outstanding service as chair.

Motion to adjourn (Andrepoint, Edmonds 2<sup>nd</sup>.) Approved 6-0-0, chairman not voting.

Submitted by:  
Kaye Flamm  
Secretary TC 9.13  
October 30, 2003