

ASHRAE TC 9.2 Nuclear Facilities Sub-Committee Meeting Minutes
January 22, 2017
Chicago, IL

Scott MacMurray, TC 9.2 Nuclear Facilities Sub-Committee Chair, called the meeting to order at 2: 17 pm on 22 January 2017.

- Introduction of members and guests

Members Present;

Scott MacMurray

Ravi Ganta

Deep Ghosh

Bill Lampkin

Guests:

Paul Rodgers (PDRODGERS@STPEGS.com

Brad Lulik (b.lulik@mac-eng.ca)

Mark Adams (adamsmb@ornl.gov)

- Meeting minutes

Meeting minutes from Winter 2017 were reviewed. Deep Ghosh moved to accept the meeting minutes as presented, Bill Lampkin 2nd the motion. Minutes approved by a vote 4 in favor, 0 negative and 0 not voting.

- Membership

Current voting members are Doug Abramson, Ravi Ganta, Deep Gosh, Bill Lampkin and Scott MacMurray. Corresponding members are: David Carroll (joined summer 2017), Matt Hargan and Tom Axley.

Committee lost two members (Jan Frethold and Mark Saucier) since our last meeting.

Visitors at meeting were asked if they are interested in becoming corresponding members.

Note: Post meeting Paul Rodgers requested to become a corresponding member.

- Handbook:

2019 Handbook discussion: Two attempts have been made to integrate information from old (early 1990's) design guide in to the chapter over the past12 monthsr. Both attempts have not produced a chapter that conveys the information in an effective manner. Sub-committee will hold a conference call in late February 2018 to review minimal changes to the chapter provided by Scott MacMurray (DOE specific items) and Deep Ghosh (NRC specific items) to keep the chapter current.

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- CONAGT: Next meeting starts February 13th in Fort Lauderdale. Summer meeting will be held jointly with the ISNATT sponsored Nuclear Air Cleaning Conference starting June 4th in Charleston SC.
- NHUG: Last meeting was in July of 2017 and was held in Washington DC. Next meeting being planned for July 2018 with most likely locations of Atlanta or Minneapolis
- Program: DOE funded testing of HEPA filters has reached a point where Mississippi State University is willing to present results of the work as early as the January 2019 ASHRAE Winter Meeting. Scott MacMurray to carry forward to TC Main committee
- DOE:

DOE Order 420.1C Change Order 2 is working through the DOE REVCOM system. It will implement revised DOE standards (i.e. DOE-STD-1066-2016 “Fire Protection” and DOE-STD-3020-2015 “Specification for HEPA Filter Used by DOE Contractors” for the majority of DOE contractors

MSU Testing of HEPA filters for aged based degradation and performance with simulated dust loading continues. Preliminary finds were presented at Waste Management Conference in 2017. Current plan is to present results at Nuclear Air Cleaning Conference in June 2018.
- NRC:
Discussed challenges with Digital Controls on replacement chillers at Commercial Nuclear Plants
- Old Business:
None
- New Business:

Discussion: Application of ASHRAE Standard 90.1 in Nuclear Facilities
- Items to carry forward to TC 9.2 Meeting
 - a) Program potential on HEPA filters
 - b) Handbook Chapter Status
 - c) New Corresponding Member (Paul Rodgers)
- Adjourn the meeting: Motion made and second to adjourn the meeting at 2:51 pm.