

TC-9.1 July 16, 2020 – Subcommittee

Voting Members present: Kuempel, Duda, Eldridge, Wessel, Fly,

VM Not present: Cochrane, Traylor,

Program: Kuempel - Program planned for Austin cannot be done in Chicago because Duda is changing careers and can't speak in Chicago.

For Chicago : DJW to try to get ASHRAE HQ engineer or architect or Scoggins to do a seminar.

Chicago Dates: July 7 conference Aug 3rd for seminar

Phoenix: Ken Warren interested in Critical environment track program for a pet relief station in airports, or a 72 gate aircraft ventilation system

Mark Pavol possible grow facility program?

Phoenix: dates: Feb 8 Seminar Track on plants and animals could combine two programs.

TC Meeting – 2:00 PM

Voting Members: Eldridge, Duda, Vucci, Fly, Kuempel, Wessel, Milles – we have a quorum

Cochrane, Traylor NQ

Called to order at 2PM.

Minutes cannot be approved until they are inserted into the proper format.

Our section head (Vance Payne) is not in attendance.

No other liaisons

Research: Molnar – No report

Program: Kuempel – Chicago – ASHRAEHQ Wessel to chair

The high rise residential facility seminar needs another speaker

Phoenix – Ken Warren program on airports or pet relief facilities - Cramm Engineers Notebook,

Honors and Awards – Two of our members Fly and Milles received the exceptional service award

Hightower award (for TC work) nomination Vucci – June vote to move forward with PPR Daryl ____ is working on edits.

Guideline 22 – Vucci

Handbook: Co-chair McKew &) since our handbook just went out.

Acknowledgements for revisers and reviewers had a lot of names missing.

Chapter 1 – HVAC System Analysis – Peter DeMercurio – reviser,

Chapter 2 – Decentralized Systems – Kuempel reviser, DJW reviewer

Chapter 3 – Central Systems – Ken Warren Reviser

Chapter 4 – Air Handling Systems – Eldridge reviser (Cram attempting to find another) Warren reviewer or reviser

Chapter 5 – in room terminal systems - Trafton reviser,

TC reorganization: possible merger with 9.8 was discussed and the consensus seemed to be positive. 9.8 was very interested in this possibility.

Straw vote on interest: There is a strong consensus that this might be a good idea. Concern with the time for the meeting and getting systems and applications covered adequately. More work on subcommittees. **Jay, Fly and DJW** to meet with 9.8 in Chicago to set up an adhoc to review the operational concerns. Subcommittee meetings done virtually over a month will cause problems for individuals who are gainfully employed. A lot of interpersonal communication is missed with virtual meetings.

PDC: only online courses being done now. HVAC Design is on hold. PDCs ow TEC (Training and Education Committee)

Webmaster: Elizabeth Primeau – Update needed Elizabeth needs training.

Liaison reports: TC4.3 – Duda research projects underweigh one of sheikh is looking at distance between exhaust and intakes with the dilution therefore.

TC5.1 Fans Eldridge – research on wire to air efficiency

TC5.6 – Trafton did not attend

Integrated Building Design- Rachael –

7.9 Commissioning AB Blalock did not attend

VRF – Kuempel did not attend

9.8 – Molnar –

9.9 Mission Critical – Mark Pavol

Lab Systems – Cramm and Henck - nothing

9.12 Chicago seminar Comparison on different HVAC / Ventilation practices in tall buildings with operable windows / vents

Phoenix - Challenges of cooling tall buildings in very hot climates.

Std 15 – Vucci - have not met much but 15.2 is residential has sent PPR and comments have been received. Dealing with monitoring and updating for A2L refrigerants.

Std 62 – Trafton: could not make the meeting

Legionella –

MTG on chiller plant best practices – Vucci – developing a training manual on UNEP operator training and maintenance of chiller plants.

Old Business: Jay received a request for a Journal article reviewer on mixing boxes – Mark Pavol and Kelly Cramm volunteered

Kelly suggested research on operation of mixing boxes. Kelly received some CFD modelling on mixing boxes. She may still initiate research and will discuss with Mark Pavol.

Next Meeting in Chicago, Tuesday January

Adjourn Duda, second wessel 4:17 pm.