

Meeting Minutes

TC 9.9 Building Commissioning

Georgia World Congress Center
18 February, 1996

The meeting was called to order at 1:05 P.M.

MOTION NO. 1

The minutes of the San Diego, CA meeting, dated June 29, 1995 were distributed and unanimously approved.

COMMITTEE REPORTS

PROGRAMS - Carl Lawson

Carl Lawson has submitted the proposed program plan for San Antonio, TX, San Francisco, CA, Philadelphia, PA, and Boston, MA in Attachment A. The ideas mentioned at the meeting which have not yet been scheduled are: Commissioning Symposium for Cold Climates, Commissioning for Noise Control (two papers are needed), and Commissioning for Refrigerant Conversions at Philadelphia, PA.

The Program Subcommittee would like to meet on Saturday from 1 p.m. to 3 p.m.

HANDBOOK CHAPTER - Dave Bevirt

The new and revised handbook chapter is due on July 22, 1998. The committee includes: David Butler, Walter Bishop, Luis Guerra, Bruce Jones, Christie Kjellman, Bob Hadden, and Carl Lawson. Some of the handbook information will be out of GPC-1. An outline will be developed to address the contents of 1999 Applications Handbook.

The Handbook Subcommittee would like to meet in San Antonio on Sunday at 11:00 a.m.

RESEARCH - Kathie Radke and Joe Scolaro

Kathy Radke will be the new Research Chair. Kathy will contact William Seaton to get feedback on 11/9/95 memo regarding the research plan. If the Section Head is an advocate for the research plan, they will provide positive input to the R & T committee. Kathy will request a copy of winning work statement. The TC9.9 Secretary will include the article of a successful work statement in meeting minutes, see Attachment B. The Research Committee report is also in Attachment B following the articles.

The Research Subcommittee would like to meet on Saturday from 2:00 p.m. to 3:00 p.m. after the Programs Subcommittee.

INTERNATIONAL

A call for papers has been issued for the CLIMA 2000 Conference in Brussels, see Attachment C. A portion of the conference will cover commissioning. The abstracts are due on August 10, 1996. If you plan on attending please contact David Butler. as

committee meetings are being arranged.

MEMBERSHIP

No report.

LIAISON REPORTS

SSPC 62R (Ventilation for Acceptable IAQ) - Elia Sterling

Steve Taylor is the new chair and is in the process of getting committee consensus. Between April 26-28, 1996 the committee will be meeting in Chicago to vote on the Public Review draft. The Public Review period will be nine months in length and may require two Public Reviews.

SSPC 90.1 (Energy Efficient Design of New Buildings)

No report.

SSPC 90.2 (Energy Efficient Design of New Low Rise Residential Buildings)

No report.

SPC 111 (Test and Balance for HVAC & R Systems) - Gerry Kettler

The committee met on Sunday, February 18, 1996.

Chapters 1-4 revisions have been completed. Most sections of Chapters 5 through 8 including most standard air and hydronic measurements are in final form and will be completed by San Antonio. Chapters 9 on Air TAB, 10 on Water TAB, 11 on Chiller and terminal box testing are under development or revision.

Additional sections on measuring flow with Vane Anemometers, fume hood testing, commissioning and smoke control are being considered.

SPC 129P (Method of Testing Air Change Effectiveness) - Ted Cohen

The committee didn't meet in Atlanta, or in San Diego. A draft Standard will be going out for Public Review.

G10P (Criteria For Achieving Acceptable Indoor Environments) - Gerry Kettler

The committee met on Sunday, February 18, 1996 for four hours.

The latest draft (#6) was discussed. This draft was extensively revised from past issues and contains extensive technical data from research and papers done by the committee members. This included data on noise, lighting and electromagnetic. A copy of the index is included in Attachment D.

Most of the discussion involved the perceived need for additional research and the interrelationship of dissatisfiers. However, one or two on the committee advocated quickly producing a simplified chart with references for use by designers and users. This would be immediately useful to the IAQ industry with later issues of the Guideline

including future research.

The Guideline is sixty-two pages long only a small portion used for design practitioners.

No schedule for public review was set.

GPC IIP (Testing Control Systems) - Gerry Kettler

The committee met on Tuesday, February 20, 1996.

General discussions were held on guideline sections and the intended use of the guideline. Additional meetings were planned. Section review will begin on the consolidated chapter input at the next meeting.

TC 1.7 (Operations & Maintenance Management)

No report.

TC 9.1 (Large Building Air Conditioning Systems) - Joe Scolaro

See Attachment E.

TC 9.8 (Large Building Air Conditioning Applications) - Joe Scolaro

See Attachment F.

Section 9 (Air-Conditioning Systems and Applications)

Dave Bevirt is the liaison to Standards Committee.

GPC-1 (Building Commissioning Guideline) - Bob Hadden

The Guideline is out for Public Review.

Bob Hadden wants input from committee on concentrated team efforts by March 30, 1996. Various tasks were assigned to members see Attachment G. The committee consensus was to include areas which impact HVAC, and all acknowledge really everything relates to it. Bob is requesting input for related systems including: fire/smoke, elevators, sprinklers, building envelope, and structural).

For the development of a Project Committee for a Standard, a Title, Purpose, and Scope need to be completed. Carl Lawson volunteered to help Bob write the necessary Title, Purpose, and Scope. Everything should be reviewed by Sarah Deppen or Jim Haldebrand. The committee must have a represented group including the following categories: a user, general interest, and producer, up to twelve members.

CORRESPONDENCE

Joe Driscoll (Journal Liaison) would like to have TC articles from once per month to once a year for the Journal and Insights, see Attachment H. They would like to have a Journal and Insights Liaison appointed for a technology corner, information also located in Attachment H.

NEW BUSINESS

Tom Lutz will request a meeting room for subcommittee meetings from 1:00p.m. to 3:00 p.m. on Saturdays, but based on limited space the **subcommittee meetings are now scheduled for Sunday, June 23, 1996 in the Convention Center, Room 203 from 10 a.m. to 11 a.m.**

By: Christie R. Kjellman, CEM, CDSM
Secretary to TC 9.9

Attachments not provided as links were distributed to committee members in hard copy form by ASHRAE.