Programs for the Chicago Meeting (January, 2003):

Seminar 3
Sunday, January 26, 8-10 AM

Impact of Commissioning on Commercial Construction
Sponsor: *TC 09.09 Building Commissioning*
Chair: *Andrew P. Nolfo, P.E., Member, National Environmental Balancing Bureau, Manchester, MO*
APC Liaison: *Kelley P. Cramm, P.E., IDEA, Kansas City, MO*

Commissioning of building systems is becoming more common for institutional projects. The benefits of commissioning have been confirmed by many institutional owners and builders. This seminar discusses how the commissioning process can be applied to the commercial construction marketplace. It addresses some of the similarities and differences when applying commissioning to commercial versus institutional projects. The presentations discuss how a structured approach, starting early in the project, helps establish and deliver value to the overall project, including commercial projects.

1. CM/GC Commissioning Buy-In: What's In It for Them?
Jack Wolpert, Ph.D., ECUBE, Boulder, CO

2. Can Commissioning Help the Commercial Building Owner?
John P. Castelvecchi, Member, Dominion Evantage, Mechanicsville, VA

3. Retrocommissioning of Commercial Buildings
Janice Peterson, Member, Portland General Electric, Portland, OR

4. Reliability and Commissioning
Wayne A. Dunn, P.E., Member, Sunbelt Engineering Inc., Jacksonville, FL

Seminar 46
Wednesday, January 29, 8-10 AM

Commissioning of Specialty Systems
Sponsor: *TC 09.09 Building Commissioning*
Chair: *Carl N. Lawson, Member, Duke University Health System, Durham, NC*
APC Liaison: *Carl N. Lawson, Member, Duke University Health System, Durham, NC*

Commissioning is fast becoming business as usual in the building industry. Specialty systems are an even bigger concern. With the vast changing of technology encompassing the building industry, the commissioning of specialty systems has brought on different technology and a more refined commissioning authority. This seminar discusses some of those systems and the difference in technicians who are actually doing the commissioning of these systems.

1. Commissioning Emergency Power Systems
Jeff Traylor, Member, PWI Consulting Engineers, Durham, NC

2. Commissioning Fire Alarm Systems
Richard Rose, Member, Mechanical Technology Inc., Billings, MT

3. Auditing the Commissioning Process
J.R. Anderson, P.E., Member, Anderson Engineering LLC, Germantown, TN

4. Developing a Quality Intent Document for Laboratory Animal Facilities
Dan Frasier, P.E., Member, Cornerstone Commissioning, North Andover, MA

5. Commissioning Control Systems
Larry Fisher, Member, ECT Building Automation, Louisville, KY

Symposium CH-03-12
Wednesday, January 29, 10:15 AM - 12:15 PM

Interoperable Computer Applications
Sponsor: *TC 01.05 Computer Applications; TC 09.09 Building Commissioning*
Chair: *David J. Branson, P.E., Member, Compliance Services Group, Inc., Lubbock, TX*
APC Liaison: *Jeff J. Traylor, PWI Consulting Engineers, Durham, NC*

Collaborative efforts are well underway to define the structure of flexible methods for exchanging HVAC & R data among computer tools. Standardized collection and preservation of pertinent data will greatly facilitate the development of comprehensive, computer-based methods for managing design, commissioning and operations information. This session presents some of those efforts. Particular focus is given to the topics of HVAC & R design, building commissioning and energy simulation.

1. Identifying Building Design Information Necessary for Commissioning and Proper System Operation
Larry Luskay, P.E., Member, Portland Energy Conservation Inc., Portland, OR

2. A Data Model for Capturing Life-Cycle Data for Reuse During Building Commissioning
James Forester, P.E., Member, Marinsoft, San Rafael, CA

3. Software Interoperability for Energy Simulation
Robert J. Hitchcock, Ph.D., Member, Lawrence Berkeley National Laboratory, Washington, DC