Programs for the San Francisco Meeting (January, 1998):

Seminar 26
Tuesday, January 20, 8:00-10:00 AM

Building Commissioning Guidelines and Practices
Sponsor: TC 09.09 Building Commissioning
Chair: Wayne Dunn, P.E., Member, Bosek Gibson & Associates, Jacksonville, Florida
APC Liaison: Larry Degelman, P.E., Texas A&M University

Achieving and defining building performance is subject to significant interpretation. Building commissioning outlines a process through which performance is verified. Commissioning itself as a process, therefore, has a number of definitions. This seminar offers insight into applying commissioning and profiles several significant building commissioning guidelines. Also featured is a presentation of the impact of total building commissioning.

1. ASHRAE Guideline 1-1996: What's In It? How Do I Use It?
Gerald Kettler, P.E., Member, Air Engineering and Testing Inc., Dallas, TX

2. GSA Building Commissioning Guide
Naresh Khoslas, Member, Enviro-Management and Research, Springfield, VA

Christie R. Kjellman, Member, Edison ENVEST, Irwindale, CA

4. Model Commission Plan and Guide Specifications
Karl R. Stum, P.E., Member, Portland Energy Conservation, Portland, OR

5. Public Works and Government Services Canada Commissioning Guidelines
Randy Beauchamp, Public Works and Government Services Canada, Edmonton, Alberta, Canada

6. The Impact of Total Building Commissioning
Carl N. Lawson, Member, Wren-Janus Engineering, Chantilly, VA

Seminar 40
Wednesday, January 21, 8-10 AM

The Hot Zone: Commissioning in Laboratories that Handle Hazardous Materials
Sponsor: TC 09.10 Laboratory Systems; TC 9.09 Building Commissioning
Chair: Kathy Radke, Member, Honewell Technology Center, Plymouth, MN
APC Liaison: Robert Suggs, P.E., R M Suggs Company
This seminar addresses the special needs and consideration for the commissioning of HVAC systems in laboratories that handle biological or chemical hazardous materials. Special equipment is required to storage and use these material within these facilities. Laboratory designers, builders, owners and commissioning agents must understand the importance of using applicable guidelines and standards for performing commissioning of laboratory systems.

1. Biological Safety Cabinets: What's the Risk?
   David M. Lupo, B&V Testing, Inc., Waltham, MA

2. Performance Testing of Hoods for Use with High Level Hazards
   Dale T. Hitchings, P.E., Member, Hitchings Associates, P.C., Indianapolis, IN

3. Air Changes Per Hour in Laboratory Ventilation Design
   Gerhard Knutson, Ph.D., Member, Knutson Ventilation Consulting, Inc., Edina, MN

4. Commissioning Laboratory Control Systems
   Wade Smith, Honeywell, Inc., Minneapolis, IN

5. Comparison of Through the Wall VAV Position Sensors Versus Sash Position Sensors
   Thomas C. Smith, Member, Exposure Control Technologies, Inc., Cary, NC