

MEETING LOG DIRECTORATE FOR ENGINEERING SCIENCES

SUBJECT: Meeting of the ANSI Z21/83 Technical Committee

PLACE: Embassy Suites Hotel, Independence, Ohio

MEETING DATE: September 22, 2005

LOG ENTRY SOURCE: Ronald A. Jordan

ENTRY DATE: September 27, 2005

COMMISSION ATTENDEES:

Ronald A. Jordan, ESEE



NON-COMMISSION ATTENDEES:

Daryl L. Hosler, Chairman	Southern California Gas Company
Paul E. Beach, Vice Chairman	
Allen J. Callahan	CSA America
Cathy L. Rake	CSA America
Joann Emmel	American Association of Family and Consumer Sciences
Dan Christenson	American Boiler Manufacturers Association
Edward Angelone	American Gas Association
Phil Damiano	American Gas Association
Ronnie Ray Frazier	American Gas Association
Amy Sherwin	American Gas Association
Jack Rea	American Gas Association
Matthew Wilber	American Gas Association
Issac Sargunam	Association of Home Appliance Manufacturers
Charles W. Adams	Gas Appliance Manufacturers Association, Inc.
Paul E. Beach	Gas Appliance Manufacturers Association, Inc.
David Christensen	Gas Appliance Manufacturers Association, Inc.
Michael Eberlein	Gas Appliance Manufacturers Association, Inc.
Alan Kessler	Gas Appliance Manufacturers Association, Inc.
Norman E. Mattson	Gas Appliance Manufacturers Association, Inc.
Frank Myers	Gas Appliance Manufacturers Association, Inc.
Gary J. Potter	Gas Appliance Manufacturers Association, Inc.
Terrance Slaby	Gas Appliance Manufacturers Association, Inc.
Bruce J. Swiecicki	National Propane Gas Association
Jeffrey A. Kincer	North American Association of Food Equipment Manufacturers
Robert Wozniak	Underwriters Laboratories, Inc.
Cyrus H. Nasser	U.S. Department of Energy
Kelly Adamovich	CSA America, Inc.
Lance Delaura	Southern California Gas Company
John Manning	CSA America, Inc.

Spencer Grieco
James Ranfone
Mike Manakos
Frank A. Stanonik

CSA America, Inc.
American Gas Association
The ADEPT Group, Inc.
Gas Appliance Manufacturers Association

MEETING SUMMARY:

Item 2. CO/Combustion Sensor Research Proposal

The chairman of the ANSI Z21/83 Ad Hoc Working Group (WG) for CO/Combustion Sensors, Frank Stanonik (GAMA), provided an update to the Committee on the CO/combustion sensor request for proposals (RFP). The WG had provided the RFP to Committee in 2004 and the Committee, in turn provided the RFP to the ANSI Z21/83 Chairman's Advisory Council for approval to send the RFP out to solicit bids from prospective testing organizations. They began soliciting funding from gas appliance industry stakeholders after its November 2004 meeting. The stakeholders included the American Gas Association, the Gas Appliance Manufacturers Association and its members, and the National Propane Gas Association. The CPSC was added to this group of stakeholders in February 2005.

The Committee Chairman, Daryl Hosler reported that the CPSC was the only stakeholder that expressed an interest in helping to fund the RFP. The Committee Chairman also reported that the Committee had received a letter from GAMA and its membership that they would decline funding the RFP and that there were no sensor technologies that they knew of that were capable of withstanding the environment of a gas furnace or lasting the expected life of the furnace. GAMA also indicated that it would seek to get the model building codes changed to require CO alarms in homes. CPSC staff argued that it had received a copy of GAMA's letter just prior to the Committee meeting and that the position taken by GAMA and its membership were premature since that was the purpose of the work outlined in the RFP (i.e. to evaluate the efficacy of sensors in this application). Staff also pointed out that GAMA and its membership were raising concerns about the expected life of a CO sensor in a furnace application, when their alternative (i.e. a residential CO alarm) had a shorted expected life than a gas furnace (e.g. only @ 3 to 5 for a residential CO alarm compared to @15 years for a gas furnace).

The Committee voted on and approved disbanding the Ad Hoc Working Group for CO/Combustion Sensors, citing that the WG had completed all of its tasks (i.e., developed the test criteria, appliance environment, and RFP). Staff invited the manufacturers to meet with CPSC in a closed meeting to share their sensor test data. Staff also invited the group to witness a demonstration of the Sandia sensor technology. Also informed the group that CPSC will explore the use of ODS for this application.

Item 3. Massachusetts CO Incident

Frank Stanonik (GAMA) provided an update to the Committee on the State of Massachusetts' amendment to address the risk of the sidewall vent termination and air intake of gas appliances becoming blocked by snow. This stemmed from a 2004 incident in Massachusetts in which a 2-year old boilers vent terminal and air intake had become blocked by snow, resulting in the CO poisoning deaths of a 7-year old girl and unborn fetus, and injuries to the girl's mother and 10-year

old brother. Mr. CPSC staff pointed out that this incident and other like it demonstrate the need for the CO sensor research that the Committee and GAMA had rejected. The Committee Chairman stated that the appliance Technical Advisory Groups (TAGs) with sidewall vented appliances would be tasked to: 1) review the existing appliance venting instructions to determine how they addressed sealing vent pipe and air intake pipe penetrations; and 2) provide recommendations on informing homeowners about the possible blockage of the vent by snow.

cc:

Office of the Secretary
Colin Church
ESEE Chronological File