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MEETING LOG
DIRECTORATE FOR ENGINEERING SCIENCES

SUBJECT: ANSI Z21/Canadian Gas Association Joint
Subcommittee on Standard for Gas Water Heaters

PLACE: Clarion Hotel Cleveland Airport West, Cleveland,
Ohio

MEETING DATE: September 12-13, 2000

LOG ENTRY SOURCE: Donald W. Switzer *DWS*

ENTRY DATE: January 10, 2001

COMMISSION ATTENDEES:

Donald W. Switzer ES

NON-COMMISSION ATTENDEES: See attached attendance sheet

MEETING SUMMARY

The Joint subcommittee consists of representatives of the gas-fired water heater industry, utilities, regulatory agencies, and other interested parties. Its purpose is to provide technical guidance on water heater issues to the full American National Standards Institute (ANSI) Z21 Committee on Performance and Installation of Gas-Burning Appliances and Related Equipment. Many agenda items were discussed at this meeting. This meeting log is limited to those items directly pertaining to on-going Commission projects.

Item 12. Proposed Revision to 1.32.7, Marking, And Exhibit D to Address Units Complying With the Coverage for Resistance to Flammable Vapors

New technology water heaters are coming onto the market that is designed to not ignite flammable vapors. The requester proposed a modification to the labeling requirements that would allow those units that passed the Flammable Vapor Ignition Resistance test (section 2.38) be exempted from the labeling requirements that state that water heaters must be elevated 18 inches when installed where flammable vapors may be present.

The subcommittee rejected the proposal and sent the item to the Gas Appliance Manufacturers Association (GAMA) technical working group to develop a label specific for water heaters meeting the requirements of Section 2.38.

Item 14. Suggestion to Revise the Pool Heater Standard to Address Exposure to Carbon Monoxide

The subcommittee received a request to modify the existing standard for pool heaters to address possible carbon monoxide (CO) poisoning. The submitter suggested to the subcommittee that an ODS sensor or CO alarm incorporated into the appliance could be used to address the hazard. CPSC staff pointed out that the issue of carbon monoxide applies to all appliances. It was also noted that ODS technology is not applicable to vented appliances. However, vented appliances such as furnaces and boilers have spill switches to address this issue. CPSC staff indicated that there are CO poisoning incidents associated with pool heaters in its files. Staff was asked to supply that information. Staff cautioned that CPSC incident reports might not provide the technical detail needed by the subcommittee.

The subcommittee will request information from Mr. Whitaker and CPSC concerning all carbon monoxide incidents for gas appliances for use by the joint subcommittee in determining what action, if any, should be taken. Staff was requested to forward the information to all members of the joint subcommittee.

Attendance Sheet

David Baxter, Chairman
Rand Ackroyd
Peter Barker
David Berning
Al Bullerdiek
Adrian Cavestany
Dave Delaquila
Bob DeRemer
Raymond H. Gregg
William T. Harrigill
Paul Kikspoons
Jack Langmead
Eric M. Lannes
R. Michael Martin
Jim Ranfone
Jim Smelcer
Judd Smith
Frank Stanonik
Bill Young

Charles W. Adams
Paul E. Beach
Robert S. Blackwell
Joseph Boros
Jim Cika
Ken Dembny
Joseph Gerstmann
George Gruss
Joel Hipp
Alex Kovalenko
Robert W. Lewis
John F. McGraw
Jim Nagorka
Fred Schreiner
Drew Smith

Donald Switzer