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MEETING LOG
DIRECTORATE FOR ENGINEERING SCIENCES

SUBJECT: Meeting with the ANSI Z21/83 AD HOC Working Group on Flame
Rollout Safety Shutoff Systems

LOCATION: CSA International
8501 E. Pleasant Valley Rd.
Cleveland, Ohio 44131

DATE: August 15, 2000

LOG ENTRY SOURCE: Mohammed Khan *M.K.*

LOG ENTRY DATE: August 28, 2000

COMMISSION ATTENDEES: Mohammed Khan (ESEE)

NON-COMMISSION ATTENDEES: See attached attendance record

2000 AUG 30 P 3:15
OFFICE OF THE SECRETARY
FEDERAL BUREAU OF INVESTIGATION

MEETING SUMMARY:

The purpose of the meeting was to continue discussions concerning the appropriateness of the current standards coverage for flame rollout protection means (FRPM) for gas appliances that are equipped with automatic ignition systems. This log provides a summary of the key discussion points that were of special interest to the staff.

During this meeting, a consensus on the need to make improvements to the standards regarding the certification procedure for the FRPM was established. Staff made clear that the accepted practice of bypassing ignition components represents a deficiency in the standard and that a standard revision should preclude bypassing for all appliances that incorporate ignition systems that are capable of automatically reactivating or cycling. The remainder of the meeting was spent on outlining the objectives and requirements that new coverage must serve. Based on the current pass-fail criterion, which requires the appliance's burner to shut down within 10 minutes at complete blockage, it was suggested that an equivalent "cycle time" for the burner should be established. Ideas for approaches that could be taken to adapt current automatic ignition systems designs were also discussed.

A manufacturer stated that his company would perform some preliminary furnace tests to determine the feasibility of modifying the ignition system.

The working group chairman and a CSA representative will attempt to draft preliminary coverage.

ATTENDANCE RECORD

FLAME ROLLOUT WORKING GROUP

TUESDAY, AUGUST 15, 2000

GUESTS

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