

2/5/30/95 ✓

MEETING LOG

Subject: Second Meeting of Carbon Monoxide (CO) Detectors Task Force 5 -
Action Levels

Meeting Date: May 4, 1995 (10:00 am - 5:00 pm)

Date of Log Entry: May 19, 1995

Location: Gas Research Institute, 8600 West Bran Mawr Avenue, Chicago, IL.

CPSC Attendee: Sandra E. Inkster, Pharmacologist, HSHE

Non CPSC Attendees:

Name	Company	Tel:	Fax
Ed Godziszewski (d)	Figaro USA, Inc	708-256-3546	708-256-3884
Steve Colome (D)	Integrated Environmental Service	714-854-1167	714-854-1840
Tom Phillips (D)	California Air Resources Board	916-322-7145	912-322-4357
Irwin Billick (D)	Gas Research Institute	312-399-8304	312-399-8326
Mark Goldstein (D)	Quantum Group	619-457-3048	619-457-3229
Susan Womble (D)	US EPA, 6607J	202-233-9057	202-233-9555
Sandy Inkster (D)	US CPSC, HS	301-504-0994x1198	301-504-0025
Tom Lia (D)	Orland Fire Protection District	708-349-0074	708-349-0354
Paul Patty (D)	Underwriters Laboratories, Inc.	708-272-8800x42752	708-272-3846
Bob Craig	System Sensor	708-377-6674x333	708-377-6495
John Girman	US EPA, 6203J	202-233-9317	202-233-9555
Wendy Gifford	BRK / First Alert	708-851-7330x327	708-851-7452
Bob Fegley (D)	US EPA, HQ/ORD/8105	202-260-0484	202-260-6932
Joe Feurey	PCS, NYC	212-247-7965	
Bertram Carnow	Carnow, Conibear & Assoc. Ltd	312-782-4486	312-782-5145
Paul Powell	Black, Manafort, Stone & Kelly	703-883-8812	703-883-6128
Jim Lansdowne	Piedmont Natural Gas Company	704-364-3120	
Larry Huffling	Ranger Insurance	603-835-2283	
Ted Williams	Gas Research Institute	312-399-8374	
Laurel Blair	Wheatley Blair, Inc	312-337-7773	312-337-5932
Dr. Bakouche	Northwestern Univ. Medical Sch.	312-503-0228	
Alex Spataru	The Adept Group, Inc.	310-208-8074	310-208-0129

Meeting Summary

A number of task forces have been formed to reach consensus positions on various aspects of CO detector function. These task forces are comprised of representatives from CO detector manufacturers, gas industry, fire services, government agencies, other interested parties (standards groups, physicians, etc) and the general public.

The aim (scope statement) of Task Force 5 - Action Levels is: "To identify and develop guidance on various action levels* that are useful for occupants, response personnel, detector manufacturers, and standards organizations. (*action level - level of exposure where specific action should be taken)."

This meeting followed up the initial task force 5 meeting (2/9/95). The meaning and rationale behind various existing standards, guidelines, and recommendations pertinent to health effects of CO and to CO detector function were presented by various attendees, with documentation provided in some cases. With respect to the objectives of defining various action levels for CO detector function, the task force reached the following consensus opinions on alarm and warning signal activation conditions:

Alarm signal:

- 1) Must activate at CO levels sufficient to generate 10% carboxyhemoglobin (COHb).
- 2) May activate at CO levels sufficient to generate 5 % COHb
- 3) Must resist activation at CO levels equivalent to <5% COHb

Warning signal (optional feature at the manufacturer's discretion, but if present must be an audible signal distinct from the full alarm signal):

5. Must be activated by CO levels sufficient to generate 7.5% COHb
6. May activate at CO levels sufficient to generate 2.5% COHb
7. Must resist activation at CO levels equivalent to <2.5% COHb

The next meeting of the task force (projected for week of July 10-14, 1995) aims to define:

- (i) CO ppm levels equivalent to 2.5%, 5.0%, 7.5%, and 10% COHb
- (ii) The appropriate response actions of different groups (consumers, emergency response personnel, utility company technicians and contractors etc.,) to activation of the warning signal and the alarm signal. Each group will require different response actions

Sandra Inkster was the official meeting secretary, thus full details of the meeting are provided in the attached minutes.