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## LOG OF MEETING

**Subject:** Meeting of Core Concept Task Group for Proposed Smoke Alarm Project CPSC/OFFICE OF THE SECRETARY

**Date of Meeting:** March 24, 1999

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**Date of Log Entry:** March 30, 1999

**Person Submitting Log:** Julie Ayres, Office of Hazard Identification and Reduction

**Location:** U.S. Consumer Product Safety Commission, Bethesda, MD

### Attendees:

Julie Ayres	U.S. Consumer Product Safety Commission
Richard Bukowski	National Institute of Standards and Technology
John Hall	National Fire Protection Association
James Hoebel	U.S. Consumer Product Safety Commission
James Milke	University of Maryland
Linda Smith	U.S. Consumer Product Safety Commission
Stephen Vastagh	National Electrical Manufacturers Association

### Summary of Meeting

Three Task Groups are in place to assist in the planning of the proposed smoke alarm project. The purpose of the Core Concept Task Group is to assist in developing the framework for the proposed project and to ensure that focus on the goal is maintained throughout the project. The Core Concept Task Group discussed and refined the goal of the proposed research project, which is to determine if different types of fire alarms can respond to threatening residential fires in order to permit adequate egress of typical occupants, while being able to avoid nuisance alarms.

The participants discussed three main issues at the meeting: types of occupant sets to be considered, past research conducted on human capabilities and behavior, and the use of computer modeling in the proposed project. Specifics on fire scenarios, sensor selections for the testing program, and testing methods were not discussed. The specific Task Groups for the project will discuss these issues and make recommendations for the project.

### Action Items for Core Concept Task Group

- Set-up meeting for participants in all Task Groups in July (J. Ayres – due 4/5/99)
- Generate a list of tasks for each Task Group and distribute to all participants (J. Ayres – due 4/15/99)
- Prepare document on how computer modeling can assist in project (J. Milke – due 4/30/99)
- Contact individuals who can assist with human capabilities and pre-movement activity (J. Hall)

### Next Meeting Date for Conceptual Core Task Group

Tuesday, May 18, 1999 7:30 a.m. Baltimore, MD