

LOG OF MEETING

CPSA 6 (b)(1) Cleared
No Mfrs/PrvtLbtrs or
Products Identified
Excepted by _____
Firms Notified,
Comments Processed.

SUBJECT: Correcting electrical fire hazards in older homes.

DATE: July 9, 2000

PLACE: Mariott Griffin Gate Hotel
Lexington, KY

DATE OF LOG ENTRY: July 11, 2000

LOG ENTRY SOURCE: William H. King, Jr., Engineering Sciences

CPSC PARTICIPANT: William H. King, Jr., Engineering Sciences

NON-CPSC PARTICIPANTS:

- Don Bliss, National Assoc. of State Fire Marshals (NASFM)
- Rocco Gabriele, NASFM
- George Miller, NASFM
- Frank McGarry, NASFM
- Gary Ter Haar, Albermarle Corporation
- James Hoebel, consultant
- William Grosshandler, National Institute of Standards & Technology
- Margaret Simonson, Swedish National Testing & Research Institute
- Gordon Damant, Inter-City Testing & Consulting Corp.
- John Watts, Fire Safety Institute
- Peter Sparber, Sparber & Associates
- Karen Suhr, Sparber & Associates
- and state fire marshals representing their states.

SUMMARY:

Mr. King presented the attached material to those in attendance at this meeting.

2000 JUL 12 P 2:50
CPSC/OFC OF THE SECRETARY
FREDERICK



U.S. CONSUMER PRODUCT SAFETY COMMISSION



Residential Electrical Wiring Fires

Residential Electrical Wiring Fires

■ Hazard Data

■ >40,000 fires, >350 deaths, >1400 injuries

■ CPSC Goal

- Reduce fire deaths and injuries related to residential electrical wiring fires
- Communicate information about inspecting and correcting electrical wiring fire hazards in homes

■ Partnership with USFA

■ USFA/FEMA funds being used to disseminate CPSC info

CPSC Information on Residential Electrical Wiring Fires

- **Review of CPSC Work**
 - **Videos of inspection/correction demos**
 - **NFPA 73 guidelines**
 - **Research led to smart circuit breakers (AFCIs)**
 - **Public education**
- **CPSC material being sent to:**
 - **Every state fire marshal**
 - **Every state authority responsible for electrical codes**
 - **Every state designee that works routinely with CPSC**

CPSC Info, cont'd.

- **Material includes:**
 - **CPSC "Guide to Home Wiring Hazards"**
 - **Three video tapes**
 - **NFPA 73, latest edition**
- **Visits being planned with State Fire Marshals & Local Officials where invited**
 - **Areas with high fire death rates given priority**
 - **Sharing info with all parties interested in helping occupants deal with electrical hazards**

Future Plans

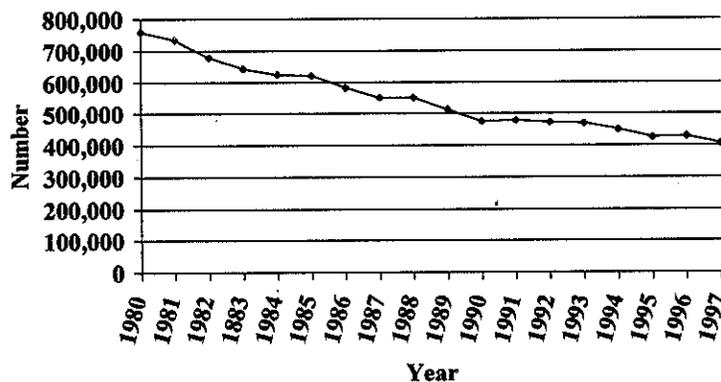
■ FY 2001

- Continue outreach (subject to continued support from USFA)
- Support new code requirements for AFCI protection, especially in older homes

■ Long Term

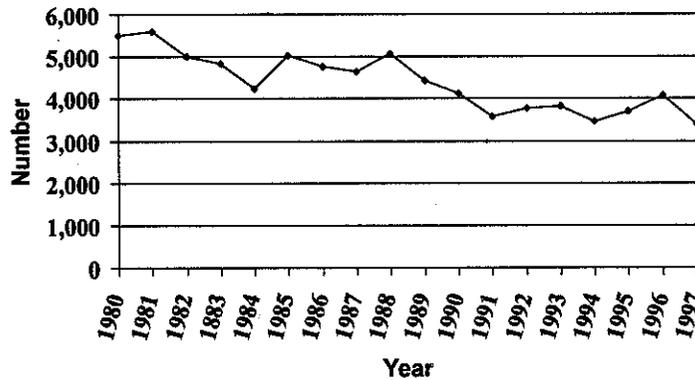
- Broader recognition of NFPA 73
- Explore new/improved technology applicable to older residences

Estimated Residential Structure Fires, 1980-1997



Source: National Fire Protection Association

Estimated Residential Structure Fire Deaths, 1980-1997



Source: National Fire Protection Association

Contacting CPSC

- www.cpsc.gov
- William King
 - Chief Engineer for Electrical & Fire Safety
 - wking@cpsc.gov
 - phone 301-504-0508, ext. 1296