

U.S. Consumer Product Safety Commission

LOG OF MEETING

CPSC OFFICE OF THE SECRETARY
APPROVAL OF INFORMATION

2000 NOV -1 A 8:33

SUBJECT: Meeting of the American Council on Electrical Safety (ACES) to discuss electrical safety issues in general

DATE OF MEETING: October 18, 2000

LOG ENTRY SOURCE: William H. King, Jr., ES *W.H.K.*

DATE OF LOG ENTRY: October 26, 2000

LOCATION: Braselton, GA

CPSC ATTENDEE(S): William H. King, Jr., ES

NON-CPSC ATTENDEE(S): \

- Len Frier, MET Laboratories, Inc.
- Pat Paladino, Intertek Testing Services (ITS)
- Paul Dobrowsky, Eastman Kodak and Int'l. Assoc. of Electrical Inspectors
- Phil Cox, Int'l. Assoc. of Electrical Inspectors (IAEI)
- James Carpenter, State of North Carolina
- Stephanie Flannigan, MET Laboratories, Inc.
- Kathy Woods, American Council of Independent Laboratories
- Brad Lund, U.S. Customs Bureau
- and other members of the ACES

CPSA 6 (b)(1) Cleared
William King
 Products Identified
 Excepted by _____
 Firms Notified, _____
 Comments Processed, _____



SUMMARY OF MEETING: Mr. King attended a scheduled meeting of the American Council on Electrical Safety. Attached is a copy of the agenda for the meeting. Mr. King presented information regarding CPSC electrical projects (also attached).

DRAFT AGENDA
ACES Meeting
October 18, 2000
Chateau Elan - Braselton Georgia

- 9:30 am
- I. Opening remarks and introductions
 - Review agenda
 - Review previous meeting report
 - II. Terms of reference. Review terms discussed at last meeting and approve ...a copy of this is attached
 - III. Purpose and Goals. At the last meeting it was recommended that this be reviewed and receive final approval. A copy of this is also attached
- 12 Noon
- Lunch: We shall open the meeting to electrical inspectors that can attend and be part of the afternoon presentations and discussions.
 - IV. Welcome Electrical Inspectors. Briefly review Purpose and Goals
 - V. Presentation - Up-date Consumer Product Safety Commission
 - VI. Presentation of the US Customs role in controlling products entering the country.
 - VII. Presentation - Up date on standards development and planned new standards initiative at OSHA
 - VIII. Presentation of Mutual Recognitions Agreements affecting the United States presently being negotiated or implemented
 - IX. Presentations on efforts be various entities promoting "Manufacturers Declaration of Conformity" or self approvals.
 - X. Other items of business and future meeting

↳ May 23rd, 2001
week before NFPA Annual Mtg.

U.S. Consumer Product Safety Commission
www.cpsc.gov



American Council on Electrical Safety (ACES)

October 18, 2000

William H. King, Jr.

Chief Engineer for Electrical & Fire Safety

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CPSC - FY 2001

- Independent Federal regulatory agency
- Total Budget - \$52 million
- About 480 staff (incl. 40 engineers)
 - ! Headquarters 310 (Bethesda, MD)
 - ! Field 137
 - ! Laboratory 33 (Gaithersburg, MD)

Current CPSC Electrical Projects

- Plastic Appliance Enclosures/Components
- Range Cooking Fires
- CO & Smoke Alarms
- Fixed Room Heaters
- Table Saws
- Portable Fans
- Battery-operated Ride-on Toys
- Home Wiring Hazards
- Arc Fault Circuit Interrupters (AFCIs)
- Ground-Fault Circuit Interrupters (GFCIs)
- Clothes Dryers
- National Electrical Code

Some Past CPSC Electrical Activities

- Electric Blankets
- TV Receivers
- Portable Lamps, incl. torchieres
- Countertop Cooking Appliances
- Extension Cords
- Christmas Lights
- Portable Electric Heaters
- Electric Toys
- Heat Tapes
- Hair Dryers

Home Wiring

- Updated CPSC materials distributed to all state fire marshals, state electrical authorities, and CPSC contacts at the state level
- meeting with state fire officials in states with the highest fire death rates to share CPSC knowledge
- Activity partially funded by USFA

Clothes Dryers

- CPSC staff completed 2 year study of fire risks. Recommended raising dryer safety standards under conditions of inadequate venting and maintenance.
- Initiated contact with standards developers for both electric (UL) and gas (ANSI Z21) models.
- Met with ANSI Z21 subcommittee and AHAM this summer.

ARC-FAULT CIRCUIT-INTERRUPTERS

- **New technology addresses arcing faults**
 - identified in CPSC sponsored study, conducted by UL
- **Tested by CPSC staff in 1997-98**
- **Listed devices commercially available**
- **Introduced into the 1999 *National Electrical Code***

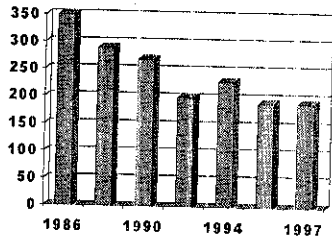
PLASTIC APPLIANCE ENCLOSURES

- **Thousands of portable appliance fires reported each year**
 - **E.G., fans, nursery monitors, humidifiers, coffeemakers, irons, others**
- **Internal components fail and ignite non-FR plastic enclosures**
- **UL Plastics Flammability Ad Hoc Group formed in 1996**
- **Upgraded UL standard, effective June 2004, min V2 flammability rating or equivalent**

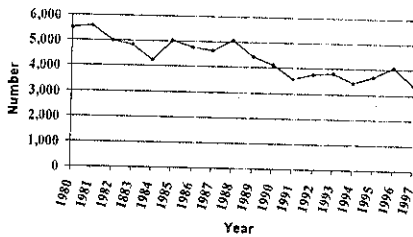
How ACES Can Help

- **Report hazards to CPSC**
- **Home Wiring**
 - **Recommend AFCIs for existing homes, especially when upgrading service equipment**
 - **Encouraging electrical inspections per NFPA 73 for older homes**

**Estimated Electrocutions
Involving Consumer Products,
1986-1997**



**Estimated Residential Structure Fire
Deaths, 1980-1997**



Source: National Fire Protection Association
