

**U.S. Consumer Product Safety Commission
LOG OF MEETING**

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SUBJECT: Meeting with the National Electrical Safety Foundation (NESF) Board to discuss electrical safety for consumers.

DATE OF MEETING: November 10, 2001

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

DATE OF LOG ENTRY: November 13, 2001

LOCATION: Monarch Hotel, 2401 M Street, N.W., Washington, DC

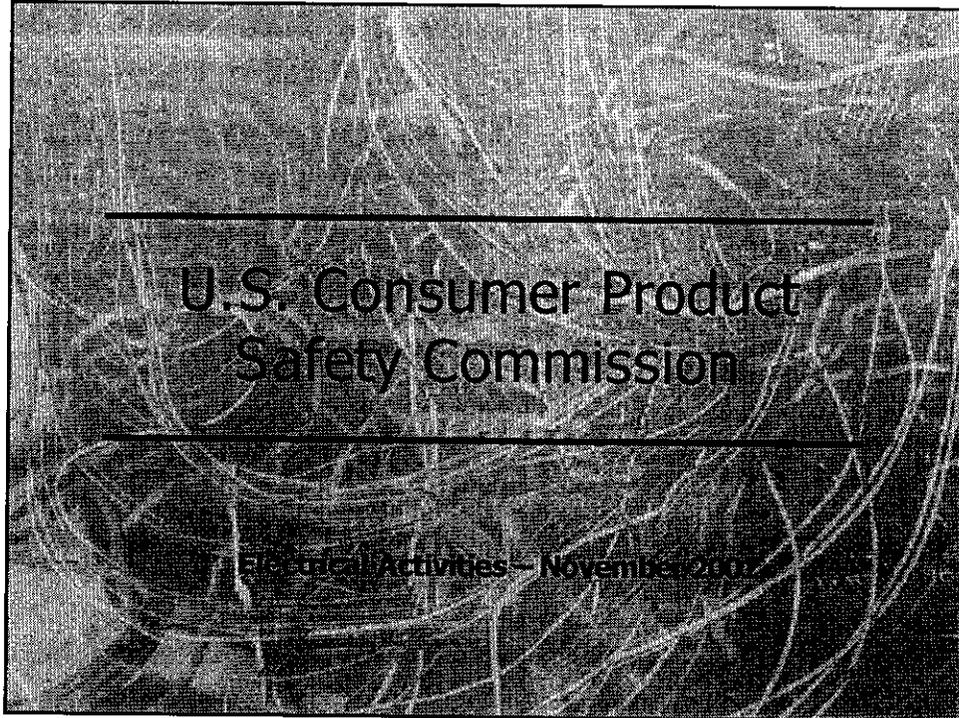
CPSC ATTENDEE(S): William H. King, Jr., ES

NON-CPSC ATTENDEE(S):

Michael Clendenin, NESF
Rodney Core, NESF
Neil Parker, Thomas & Betts
Malcolm O'Hagan, National Electrical Mfrs. Assoc. (NEMA)
Bill Boehm, Connector Manufacturing Company
Grant Carter, CSA International
Lanny Floyd, E.I. DuPont Company
Carl Behnke, Edison Electric Institute
John Grau, National Electrical Contractors Assoc.
Joe McGuire, Assoc. of Home Appliance Mfrs.
Richard Guttman, Square D Company
Mary Heslin, Heslin Consulting
Harold Leviton, Leviton Mfrng. Co., Inc.
Don Mader, Underwriters Laboratories Inc.
Anthony O'Neil, National Fire Protection Assoc.
Joyce Rasdall, Western Kentucky University
Jim Tomaseski, Int'l Brotherhood of Elec. Workers

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SUMMARY OF MEETING: Mr. King attended a scheduled meeting of the NESF board as a guest. Attached is a copy of remarks given by Mr. King.



Electrical Safety Issues

- Large Appliance: Clothes dryers
- Small Appliances: Hair dryers, power tools
- Wiring Products:
 - AFCIs
 - GFCIs
 - Outlet Strips
 - Residential Panelboards/Circuit Breakers
 - NEC 2005 Proposals
 - Aging wiring systems

Clothes Dryers

- Electric and gas
- Installation (inadequate venting) and maintenance (lint accumulation) lead to electrical malfunctions
- CPSC staff preparing regulatory options

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Hair Dryers

- UL Standards Technical Panel (STP) formed to upgrade standard
- Cord flexure failures, switch failures, enclosure flammability

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Electric Tools

- Electrocutions from saws, drills, garden tools
- Cord involvement
- Defective grounding
- No GFCI outlet protection

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Wiring Products

- AFCIs: UL STP
- GFCIs: UL STP
- Outlet Strips
 - Surge Protectors
- Panelboards/Circuit Breakers
 - Plug-in connections
- NEC 2005 Proposals
 - GFCIs for all general-purpose branch circuit outlets in dwellings

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Residential Electrical Wiring Fire Hazards

- Older homes at greatest risk
- CPSC strategies:
 - inspection of existing residences (NFPA 73)
 - application of new technology to older residences (arc fault circuit interrupters)
 - demonstrate practical safety improvements
- White House National Science and Technology Council looking at aging and deterioration of wiring systems
- USFA/FEMA and fire marshals join forces with CPSC

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Wire System Safety Interagency Working Group

Consumer Product Safety
Commission

Department of Commerce

Department of Defense

Office of the Secretary of Defense

United States Air Force

United States Navy

United States Army

Department of Energy

Department of Transportation

Federal Aviation Administration

Federal Railroad Administration

Federal Transit Administration

US Coast Guard

Food and Drug Administration

National Aeronautics and Space
Administration

National Science Foundation

Nuclear Regulatory Commission

In addition, the following organizations are
represented on the WSSIWG:

Defense Nuclear Facilities Safety Board

Office of Management and Budget

Office of Science and Technology Policy

National Partnership for Reinventing
Government

National Transportation Safety Board
(observer)

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WSSIWG Activities Involving CPSC

- Chairing subgroup for wiring in buildings
- One Strategy: Federal government addresses older wiring in government-owned housing with AFCIs
- Outreach efforts via media (Consumer Reports, Readers Digest)
- Continuing efforts via codes and standards