

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

**SUBJECT:** Association of Home Appliance Manufacturers (AHAM) meeting on Ground-fault circuit-interrupter (GFCI) protection and unwanted appliance tripping issues.

**DATES OF MEETINGS:** March 1, 2023

**LOG ENTRY SOURCE:** Doug Lee, Office of Hazard Identification and Reduction (EXHR)

**LOCATION:** Virtual

**CPSC PARTICIPANT:**

Doug Lee, EXHR

Ashley Johnson Division of Pharmacology and Physiology Assessment (HSPP)

Einstein Miller, EXHR

Kristen Talcott, Division of Human Factors (ESHF)

Andrew Trotta, Division of Electrical Engineering and Fire Sciences (ESEF)

**NON-CPSC PARTICIPANTS:**

Greg Woyczynski, Association of Home Appliance Manufacturers (AHAM)

Randy Cooper, AHAM

**SUMMARY OF MEETING:**

AHAM staff requested a meeting with CPSC staff to discuss the latest UL 943 *Standard for Safety for Ground-Fault Circuit Interrupters* (GFCIs) and possible paths forward for GFCIs.

AHAM staff discussed that the state of Massachusetts finalized code language to allow for removal of GFCIs when nuisance tripping occurs on new *National Electrical Code (NEC)* 210.8 requirements and provided a summary of modern appliances including high frequency noise issues due to Department of Energy mandates. AHAM staff discussed that UL 101 *Standard for Leakage Current for Utilization Equipment* introduced a leakage current IIR measurement unit and a GFCI Interoperability Test and that UL 943 is developing proposals to address performance of GFCIs at frequencies other than 60 Hz to address the compatibility of appliances with high frequency noise.

AHAM staff discussed that UL 101 and UL 943 requirements need to be updated for appliances to operate without unwanted tripping in the field. AHAM noted that CPSC staff provided a supporting comment for the UL 101 proposal and requested that CPSC staff also consider a similar comment for any UL 943 proposals.