



MEETING LOG

SUBJECT: Underwriters Laboratories (UL) Standards Technical Panel/Technical Committee (STP/TC) 943 for *Ground-Fault Circuit-Interrupters (GFCIs)* Task Group (TG) Meeting for Frequencies

FY 23 OP PLAN ENTRY: National Electrical Code

DATE OF MEETING: 06/08/2023

LOCATION OF MEETING: Virtual

CPSC STAFF FILING MEETING LOG: Doug Lee, Office of Hazard Identification and Reduction (EXHR)

FILING DATE: 07/10/2023

CPSC ATTENDEE(S): Doug Lee, EXHR

NON-CPSC ATTENDEE(S):

Roger Pareja, UL Standards Specialist

Fred Reyes, UL

And other TG members and guests (contact UL)

Summary of Meeting:

The focus of the Task Group is to develop proposals for the performance of GFCIs at other than 60 Hz. This work supports the National Electrical Code (NEC-NFPA 70) Task Group work on Section 210.8 for GFCIs.

UL staff provided a presentation on the status of recent activity in the UL 943 TG including previous testing of samples and proposed draft standards language for a high frequency (HF) requirement for GFCIs as both a requirement and as an optional class A-HF device. The data provided supports the need for a three-pronged approach to electrical shock safety:

- 1) the UL 101 *Leakage Current for Utilization Equipment* GFCI Interoperability Test
- 2) Class A GFCI-HF devices available in the marketplace, and
- 3) relevant utilization equipment safety standards to require end-use products to comply with the UL 101 GFCI Interoperability Test and/or a limit of 3.5mA unweighted at 60Hz.

UL intends to revise the language and submit proposals for balloting.

Next Steps:

CPSC staff will continue to monitor the developments of new requirements and participate in task groups.