



## MEETING LOG

**SUBJECT:** *Underwriters Laboratories (UL) Technical Committee (TC) 101 Meeting for Standard for Leakage Current for Utilization Equipment*

**FY 25 OP PLAN ENTRY:** National Electrical Code

**DATE OF MEETING:** June 20, 2025

**LOCATION OF MEETING:** virtual

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

**FILING DATE:** 07/09/25

**CPSC ATTENDEE(S):** Douglas Lee (EXHR) (Virtual)

**NON-CPSC ATTENDEE(S):**

Marina Currie, UL 101 Project Manager

UL TC 101 members and guests

Please contact UL staff for a list of attendees

### Summary of Meeting:

The TC 101 meeting was held to review standards work to address the unwanted tripping of ground-fault circuit-interrupters (GFCIs) that has been occurring since the introduction of Department of Energy requirements for higher energy efficient products. For this meeting, updates and discussions were held on three topics:

1. Dr. Hai Jiang (UL Solutions) provided an update on his work to develop a commercial digital leakage current tester from a firm in China. The previous firm was working to optimize hardware sampling and software but now believes it is not feasible to complete the project and there is presently no contract.
2. Marina Currie provided an update on the status of proposals and stated that a proposal on the digital meter, frequency of the meter, and new "Let-go" Network Tables will be out shortly for preliminary review and comment.
3. Dr. Jiang also provided an update on the research contract *Study of Electrical Shock Reaction Effect for Mixed Frequency Signals*. He is working with the University of Chicago to perform human subjects testing to get reaction data on 50 people. The project seeks to get data on 5 appliances and associative leakage current waveforms.



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**Next Steps:** Staff will continue to monitor and participate in UL and *National Electrical Code* standards work. Staff will also review proposals when they are distributed for ballot or comment.