



## MEETING LOG

**SUBJECT:** Batteries for UL 858 Electric Ranges Meeting Log

**FY 24 OP PLAN ENTRY:** Not in the FY 24 Op Plan

**DATE OF MEETING:** 3/1/2024

**LOCATION OF MEETING:** Virtual

**CPSC STAFF FILING MEETING LOG:** Arthur Lee

**FILING DATE:** 4/4/2024

**CPSC ATTENDEE(S):** Arthur Lee

**NON-CPSC ATTENDEE(S):** Contact Randy Cooper for the full attendee list

### Summary of Meeting:

This was the first meeting of a task group to develop safety requirements for batteries used in appliances.

Conceptually, the battery storage would permit a 120 VAC powered range or cooktop to operate as a 240 VAC range or cooktop. Therefore, an electric range could be installed in the location of a gas range without the need route 240 VAC power there.

Randy Cooper from AHAM will chair the task group.

To help develop requirements in UL 858, the task group will draw from requirements in existing standards such as battery/cell standards. UL 1487 – Battery Containment Enclosures (under development), UL 9540 – Energy Storage Systems and Equipment, and UL 9540A – Test Method for Evaluating Thermal Runaway Fire Propagation in Battery Energy Storage Systems.

The task group agreed that the scope will be limited for now to batteries installed in the range or cooktop when it is manufactured.

The discussion revealed other potential issues to address, such as back feeding onto the power grid during an outage, providing auxiliary power to other loads (AC and DC), and serviceability

**Next Steps:** Next meeting scheduled for April 12, 2024