

**LOG OF MEETING  
DIRECTORATE FOR ENGINEERING SCIENCES**

SUBJECT: Button/Non-Lithium UL 4200A Teleconference

DATE OF MEETING: June 21, 2018

PLACE OF MEETING: Teleconference

LOG ENTRY SOURCE: Doug Lee, ESEE

COMMISSION ATTENDEES: Doug Lee, ESEE

NON-COMMISSION ATTENDEES:

Kris Jatana, MD (AAP/ASPO) Chair  
Toby Litovitz, MD (National Capital Poison Center)  
Ken Boyce (UL)  
Marc Boolish (Energizer)  
Ted Marks (JVC)  
And others

SUMMARY OF MEETING:

The Button/Non-Lithium UL 4200A met to continue to define requirements for button/coin cells used in electronic products that are other than lithium chemistry. Dr. Jatana requested the meeting to provide an update since the last meeting.

At the previous meeting, based on prior incident data and audiology equipment being able to function properly with no known reported issues for users not being able to access or use the audiology equipment, there seemed to be support to draft requirements to require some level of non-accessibility for the button cells using non-lithium chemistry. Dr. Jatana requested that prior UL 4200A comments be reviewed to help draft requirements.

Dr. Jatana and Dr. Litovitz discussed severe incidents with non-lithium chemistry cells that are stuck in the nose and other parts of the body. They believe the data supports requirements for these types of cells. Mr. Boolish believed that industry would resist requirements for non-lithium chemistries but has fully supported the additional requirements for lithium coin cells since this is where the serious and fatal incident data is. Mr. Lee was supportive of drafting requirements that would provide warnings that would be effective to communicate the actual hazard possibly removing the reference to death for the non-lithium chemistries and finding an enclosure requirement that would be suitable for the hazard. Mr. Marks believed that other electronics industry members would be supportive of working on safety requirements. Mr. Ken Boyce offered to draft some language as a starting point for the next meeting.