

LOG OF MEETING

DIRECTORATE FOR ENGINEERING SCIENCES

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**SUBJECT:** UL Meeting on Television and TV Cart Stability  
**DATE OF MEETING:** June 22, 1999 **PLACE:** Sheraton Crystal City, Arlington VA  
**LOG ENTRY SOURCE:** Troy Whitfield, Mechanical Engineer, CPSC  
**DATE OF ENTRY:** June 23, 1999  
**ATTENDEES:** List to be attached upon receipt

**SUMMARY OF MEETING:**

The meeting was chaired by Mr. Lee Hewitt of Underwriters Laboratories Inc. The objective of the meeting was to discuss the adequacy of the current UL standard(s) in addressing television and television cart tip-over injuries and deaths. After opening remarks by Mr. Hewitt and Mr. Medford of the CPSC, Sue Kyle of the CPSC presented injury and death data associated with falling televisions and cart tip-overs. Sue then discussed the special study currently being conducted by the CPSC in an effort to obtain more information about tip-over incidents. The group then discussed the injury and death data before moving on to the engineering issues.

Troy Whitfield presented the test data obtained by the Engineering staff and expressed the CPSC concerns about the current standard and the need for clarifications. During the discussions it was learned that UL has been investigating "force stability" requirements for televisions and agrees that similar requirements can be developed for carts and stands. The future of current standards was also discussed. Several UL standards (1410, 1492, and 6500 #1) are going to be phased out and replaced by UL 6500 #2 which conforms with the international code, IEC 65.

Discussion continued on the changing marketplace for televisions and the difficulty in simulating the UL test load for larger televisions. The need to consider larger than expected or anticipated loads was offered in consideration for how the product (cart or stand) is likely to be used by the consumer. The Consumer Electronics Manufacturers Association (CEMA) discussed a consumer and manufacturer/retailer information and education campaign they are developing. The purpose of the campaign would be to advise consumers about the importance of using the appropriate sized cart/stand for the intended television and instruct retailers to inform the consumer about, or market, the appropriate cart/stand for the television.

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The meeting concluded with UL agreeing to form a Standards Technical Panel (STP) to look at developing "force stability" requirements for UL 1678 (cart standard). Additionally, UL agreed to open up the revision process and keep CPSC informed on the progress of the "force stability" requirements being developed for UL 1410 (televisions) and provide data on television testing. Mr. Medford concluded the meeting by reiterating CPSC's concerns with the current standards and the need for the group to work cooperatively to address the issues quickly.