

~~CONFIDENTIAL~~ 1/25/07
DIRECTORATE FOR ENGINEERING SCIENCES
CONFIDENTIAL
CONFIDENTIAL

**LOG OF MEETING
DIRECTORATE FOR ENGINEERING SCIENCES**

SUBJECT: *National Electrical Code (NEC), Code-Making Panel 17 Meetings to discuss proposals to revise the 2008 NEC.*

DATE OF MEETING: November 28- December 1, 2006

PLACE OF MEETING: Crowne Plaza Hotel, Redondo Beach, California

LOG ENTRY SOURCE: Andrew Trotta, ESEE *AT*

DATE OF LOG ENTRY: January 10, 2006

COMMISSION ATTENDEES: Andrew Trotta, ESEE
Doug Lee, ESEE

NON-COMMISSION ATTENDEES:

Don Jhonson, Interior Electric, CMP-17 Chair, representing National Electrical Contractors Association (NECA)

Lee Richardson, National Fire Protection Association (NFPA) staff liaison

Thomas Blewitt, Underwriters Laboratories (UL)

Richard Cripps, Association of Home Appliance Manufacturers (AHAM)

Paul Crivell, Camp, Dressers & McKee, rep. Institute of Electrical & Electronic Engineers (IEEE)

Bruce Hirsch, Baltimore Gas & Electric, rep. Edison Electric Institute (EEI)

Bob Milatovitch, Clark County Building Department, rep. International Association of Electrical Inspectors (IAEI)

Jurgen Pannock, Whirlpool Corporation, rep. Air-Conditioning and Refrigeration Institute (ARI)

Marcos Ramirez, Hatfield-Reynolds Electric Company, rep. Independent Electrical Contractors (IEC)

Brian Rock, Hubbell, rep. National Electrical Manufacturers Association (NEMA)

Ronald Schapp, Intertek Testing Services

Kenneth Shell, Tyco Thermal Controls, rep. Copper Development Association (CDA)

Randy Yasenchak, International Brotherhood of Electrical Workers (IBEW) Local Union 607, rep. IBEW

Dennis Baker, Springs & Sons Electrical Contractors, alternate rep IEC

Aaron Chase, Leviton, alt. rep. NEMA

James Maldonado, City of Tempe, alt. rep. IAEI

Wayne Morris, AHAM, alt. rep.

Brian Myers, IBEW Local Union 98, alt. rep. IBEW

Gary Siggins, UL, alt. rep.

Robert Wisenburg, Coates Heater Co., alt. rep National Pool and Spas Institute
And others

SUMMARY OF MEETING:

Code-making Panel 17 (CMP-17) met to consider public comments that were made on the actions taken by CMP-17 when they met in January 2006 to discuss revisions proposed for inclusion in the 2008 edition of the National Electrical Code. The panel discussed and acted on 114 comments, voting to reject 41 and accept (including accepting the comment in its entirety, in part, in principle or in principle in part) 73 comments. Voting at the meeting is provisional. Final voting by panel members on the proposed panel actions on the comments is conducted by letter ballot; CPSC staff are nonvoting members of the panel. The final disposition of all 114 comments will be published separately by NFPA. CMP-17's responsibilities include NEC sections 422, 424, 426, 427, 680 and 682, which cover appliances, fixed electric space-heating equipment, fixed outdoor electric deicing and snow-melting equipment, fixed electric heating equipment for pipelines and vessels, and electric installations and equipment used near and in conjunction with swimming pools, fountains and similar installations and with natural and artificially-made bodies of water.

Significant discussion topics included proposed requirements for leakage current detection interruption devices/arc-fault circuit interruption (LCDI/AFCI) devices to be integral to the power supply cords of heaters and fans, proposed requirements for ground-fault circuit interrupter protection requirements for circuits supplying permanently-connected swimming pool pumps for in-ground pools (at the request of the panel chairman, 1986 through 2006 incident data on swimming pool electric shocks was provided from CPSC Injury or Potential Injury Incident, In-depth Investigation, Death Certificate and National Electronic Injury Surveillance System databases) and requirements for bonding of pool water. The panel preliminarily voted to reject LCDI/AFCI devices for fan and heater cords and GFCI protection for permanently-connected swimming pool pumps.