

**U.S. Consumer Product Safety Commission
LOG OF MEETING**

SUBJECT: *National Electrical Code (NEC)* Code-making Panel 2 First Draft meeting to review Public Inputs as part of the revision cycle for the 2020 edition of the *NEC*

DATES OF MEETINGS: January 8-13, 2018

LOG ENTRY SOURCE: Doug Lee, ESEF

DATE OF LOG ENTRY: January 26, 2018

LOCATION: Sonesta Resort - Hilton Head Island, Hilton Head, SC

CPSC ATTENDEE(S):

Doug Lee, Engineering Sciences

NON-CPSC ATTENDEE(S):

Mark Hilbert, International Association of Electrical Inspectors (IAEI), Panel 2 Chair
Joseph Wages, IAEI

Michael Weaver, M&W Electric, National Electrical Contractors Association (NECA)

Fred Neubauer, NECA

John McCamish, Int'l Brotherhood of Electrical Workers (IBEW)

Daniel Naughton, IBEW

Nehad El-Sherif, Institute of Electrical & Electronics Engineers (IEEE)

Daniel Buuck, National Association of Home Builders (NAHB)

Christopher Pavese, Duke Energy/Edison Electric Institute (EEI)

Roger McDaniel, EEI

Alan Manche, Schneider Electric

Brett Larson, Schneider Electric

Thomas Domitrovich, Eaton Corporation, National Electrical Manufacturers Association (NEMA)

Brian Rock, Hubbell, NEMA

David Johnson Independent Electrical Contractors (IEC)

William Crist, IEC

Steve Campolo, Leviton

Andrew Kriegman, Leviton

Thomas Harman, University of Houston-Clear Lake

Frederick Reyes, Underwriters Laboratories (UL)

Robert Osborne, UL

Charles Boynton, American Chemistry Council (ACC)

Pacheo Fernando, ACC

Guests

Mark Earley, National Fire Protection Association (NFPA)

Jeff Sargent, NFPA

Tom Packard, Legrand
Stephen Rood, Legrand
Ralph Baldwin, Legrand
Bob Simon, Hubbell Inc
Joe DeBartolo, Hubbell Inc
Randy Dollar, Siemens
Vincent Dellacroce, Siemens
Thomas Popallo, Siemens
David Hewitt, Siemens
Keith Lofland, IAEI
Randy Hunter, Hunter Technical Services
Chuck Mello, cdc Mello Consulting
Amy Cronin, Strategic Code Solutions, LLC
Walt Vernon, Mazzetti
Kevin Lippert, Eaton
Kevin Arnold, Eaton
JoAnn Simons, Northeast Arc
Michael Fontaine, N.E.S.G., Inc
Michael Johnston, NECA
Mike Holt, Mike Holt
And others

SUMMARY OF MEETING:

CMP 2 met to create First Draft revisions for the 2020 *NEC* based on consideration of Public Inputs on proposed changes to the 202 *NEC*. CMP 2 covers *NEC* Articles 210 (Branch-circuits), 215 (Feeders), 220 (Branch-circuit, feeder, and service calculations). CMP 2 acted on 271 public inputs and also developed and approved panel revisions. Proposed First Draft revisions that the Panel accepted at the meetings will be voted on by CMP 2 members by electronic ballot subsequent to the meetings (CPSC staff does not vote). Public Inputs that were rejected by CMP 2 during the meeting are final and are not balloted. The Chairman's Report for CMP 2 for the First Draft Meeting and the results of the balloting will be available on NFPA's website (<https://www.nfpa.org/codes-and-standards/all-codes-and-standards/list-of-codes-and-standards/detail?code=70&tab=nextedition>).

The panel received presentations from seven presenters on topics of AFCI, GFCI, and service calculations.

CMP 2 draft revisions continued to support the expansion of ground-fault circuit-interrupters (GFCIs) to reduce electrical shock and electrocution hazards and the use of arc-fault circuit-interrupters (AFCIs) to mitigate the effects of arcing hazards that cause fires in electrical wiring, power cords, and faulty appliances.

On day 6, in conjunction with the *NEC* meetings, an Electrical Safety Research Advisory Committee research planning meeting was held with participants of all CMPs. Topics include branch circuit loading, AFCI and GFCIs, and Power over the Ethernet (POE).