

Chairman's Report for NEC CMP 1

1) NEC Second Draft Meeting: November 12-13, 2015

2) A list of members and guests in attendance is attached.

3) The following guests addressed the panel:

Jim Dollard, Arc-flash hazard label for service equipment, 13 minute presentation and 1 minute Q&A session

Larry Ayer, Arc-flash hazard label for service equipment, 8 minute presentation and 6 minute Q&A session

4) Number of Public Comments acted upon: 78

5) Number of Second Revisions created: 22

6) List any Task Groups appointed to work subsequent to the Second Draft Meeting, along with the names of members of the Task Group(s):

Task Group 1: Palmer Hickman, Chair; Roland Deike, Ernie Gallo, Paul Sood, and Ark Tsisserev. TG1 addressed, Article 90, Sections 110.2 through 110.12, and Annex A (16 PCs).

Task Group 2: David Hittinger, Chair; Mike Johnston, Joe Marquardt, Mike Stone, Jim Pierce, and Frank Tyler. TG2 addressed Global Comments and Article 100 (15 PCs).

Task Group 3: Bill Fiske, Chair; Louis Barrios, Mark Christian, Don Iverson, Gary Jones, and Harry Sassaman. TG3 addressed Section 110.26 through the end of Article 110 (19 PCs).

Task Group 4: Dirk Mueller, Chair; Mike Anthony, Jim Brunssen, Don Offerdahl, and Kent Sayler. TG4 addressed Sections 110.14 through 110.25 (19 PCs).

Arc Flash Label TG: Mike Anthony, Mark Christian, Palmer Hickman, Don Iverson, and Joe Marquardt developed a proposed Second Revision and Panel Statement for some PCs involving Section 110.16(B).

7) List any request contained in a Responses or Statement that require NEC Correlating Committee attention:

PC 576 addressed relocation of all definitions to Article 100. NFPA Staff discussed the document format and consideration being given to identifying in each definition the particular CMP responsible for that content; it was indicated that the content and formatting would be an NFPA staff issue rather than CMP 1 driven. CMP 1 notes that the NEC Style Manual Sections 2.2.2.1 and 2.2.2.2 may need to be revised depending on the final decision.

PC 1732 addressed the definition of Building in Article 100. The PC was held. CMP 1 requests that the Correlating Committee consider the need for a Task Group to address this definition.

PCs 531, 532, and 976 involved the term “listed and labeled”. The panel held these comments. CMP 1 recognizes that the Correlating Committee will have this issue addressed through a Task Group.

8) The following Public Comments or Second Revisions should be referred to another panel for information or correlation:

PC 1618 sought to add a new definition of “Dormitory” to Article 100. The PC was held. CMP 1 understands that the term is only used in the 2014 NEC in Article 210, but there is consideration in CMP 18 to add another use of the term in the 2017 NEC. For this reason, CMP 1 requested that this PC be referred to CMP 2 and CMP 18.

9) There are no Public Comments or Second Revisions that should be referred to the Toxicity Advisory Committee.

10) There are no Public Comments or Second Revisions related to combustibles in plenums or other air handling spaces.

11) There are no new requests for the NFPA Research Foundation at this time.

12) Requests for information or assistance from the NEC Correlating Committee:

A number of PCs including PCs 38 and 495 addressed the designation of American National Standards. The various PCs approached the issue in different ways relative to including “ANSI” as part of the standard designation and the name of the standard development organization within the designation. Consideration by the Correlating Committee of a consistent approach is requested.

13) Additional information:

Some of the PCs involving the content of Section 110.16(B) involved issues about the relationship between the scope of the NEC and the scope of NFPA 70E. This issue had been raised in the CMP 1 First Draft meeting report, and CMP 1 heard during the Second Draft meeting from Correlating Committee members that the CC had concluded that the scope issue neither required nor prohibited CMP 1 from taking any specific action on the PCs involving Section 110.16(B). The Second Revision that was developed was intentionally crafted to focus on NEC content on installation issues that can enable safe work practices.

Overall some good progress was made on continuing the transition to the new process and systems. However, as discussed with NFPA staff at the meeting, there are several issues that generated some frustration and inefficiencies for the Panel members.

First, when multiple PCs affected a single Section, the methods for dealing with each Comment most effectively were a challenge. Depending on the actions for each Comment, the editorial/document hierarchy, and the way the PC was entered, there was a critical strategy that was required to most effectively manage the business of the Panel. This had not been clear to many of the members, and thus the Task Group work products were not developed with that strategy - causing rework in the meeting. Additional measures would be helpful going forward to make the work more effective and efficient. This may include additional training, work tools, direct support from NFPA staff at the Task Group stage, or other ideas.

Second, there were a number of issues where the Comments reflected changes that were not intended or in some cases according to Panel members not entered the way they appeared. This included additional text being shown as struck out when that was clearly not the intention of the submitter. It did cause some inefficiency, especially when coupled with the more restrictive ways of dealing with multiple PCs for a given segment of text outlined above. Continued efforts to resolve this issue would be beneficial.

Respectfully submitted,

Ken Boyce

CMP-1 Members in attendance:

Kenneth Boyce	UL LLC
Michael Anthony	Association of Higher Education Facilities Officers
Roland Deike	Electric Light & Power Group/EEI
Ernest Gallo	Alliance for Telecommunications Industry Solutions
Palmer Hickman	International Brotherhood of Electrical Workers
David Hittinger	Independent Electrical Contractors, Inc.
Donald Iverson	National Electrical Manufacturers Association
James Pierce	Intertek Testing Services
Harry Sassaman	National Electrical Contractors Association
Kent Sayler	Institute of Electrical & Electronics Engineers, Inc.
Mohinder Sood	International Association of Electrical Inspectors
Mark Christian	International Brotherhood of Electrical Workers
Michael Johnston	National Electrical Contractors Association
Gary Jones	International Association of Electrical Inspectors
Joseph Marquardt	American Chemistry Council
Dirk R. F. Mueller	UL LLC
Donald Offerdahl	Intertek Testing Services
Michael Stone	National Electrical Manufacturers Association
Frank Tyler	Institute of Electrical & Electronics Engineers, Inc.
Ark Tsisserev	CSA/Canadian Electrical Code Committee
Staff Liaison	
Nancy Pearce	NFPA
Guests in Attendance:	
Tim Porter	City of Seattle
Bill McGovern	Intertek
David Williams	IAEI
Brian Rock	Hubbell, Inc.
Gary Beckstand	IBEW
Tim Crnko	Eaton
Trevor Bowmer	Telcordia ATIS
Roger McDaniel	EEI
Bill Pancake	IAEI
Bill Helfrich	US Department of Labor
Bill McGovern	Intertek
Thomas Dom...	Eaton
John McCamish	IBEW
James Dollard	IBEW
Larry Ayer	IEC
Joe Andre	STI
Dave Dini	UL
Paul Dobrowsky	Innovative Technology Services
Christine Porter	Intertek

Michael Fontaine	NESG
Randy Hunter	Busmann
Keith Lofland	IAEI
Vince Saporita	Eaton
Chad Duffy	NFPA
Brian O'Connor	NFPA
Bill Burke	NFPA
Gil Moniz	NFPA

Chairman's Report for the NEC CMP 2

1. List date(s) and location of meeting:

CMP-2 full panel met from Monday November 9 to Wednesday November 11, 2015 and TG 2 met on Sunday November 8, 2015.

2. A list of members and guests in attendance is attached.

3. List names of guests addressing the Panel, the subject of their address, and the length of time they spoke:

1. Larry Ayer – Addressed the CMP on Comment No. regarding Table 220.12. Mr. Ayer spoke for 12 minutes and there were no questions from the Panel members.

2. Kevin Lipett – Addressed the CMP on Comment No. regarding 210.12. Mr. Lipett spoke for 10 minutes and there no questions from the Panel members.

3. Robert Simon – Addressed the CMP on Comment No. regarding 210.12. Mr. Simon spoke for 8 minutes and was an additional 6 minutes of questions from the Panel members.

4. Number of Public Comments acted upon: 107

5. Number of Second Revisions created: 27

6. List any Task Groups appointed to work subsequent to the Second Draft Meeting, along with the names of members of the Task Group(s): N/A

7. List any request contained in a Panel Statement that requires NEC Correlating Committee attention: N/A

8. List any Public Comments or Second Revisions that, in your opinion, need to be referred to another TC for information or correlation: N/A

9. List any Public Comments or Second Revisions that should be referred to the Toxicity Advisory Committee: N/A

10. List all Public Comments or Second Revisions related to combustibles in plenums or other air handling spaces: N/A

11. Identify any issues that should be brought to the attention of the NFPA Research Foundation for their input and assistance:

In regards to 210.8, CMP 2 members requested the NFPA Research Foundation consider establishing a working group to identify the number of shock incidents concerning appliances. The two categories suggested were (1) the number of shock incidents that occur at the outlets for cord and plug connected appliances and (2) the number of shock incidents that occur at the appliance for hard wired (not cord and plug connected) appliances.

12. List any general requests for information or assistance from the NEC Correlating Committee:

If SR 315 passes ballot I ask the Correlating Committee review the matter and consider my negative ballot comments.

During the First Draft stage a task group was established, that included a member from CMP 17, to consider and, if approved, to coordinate the action to move the GFCI requirement for specific appliances to 422.5 where the GFCI requirements for other specific appliances were located. CMP 2 also made further revisions to the scope of Article 210 to clarify the article contained general the general requirements for branch circuits and that requirements for specific equipment branch circuits were located in the article coving the specific equipment. For example; in addition to moving the specific equipment, dishwashers and boat hoists to Article 422, the branch circuit requirements for electric vehicle charging were relocated to Article 625.

CMP 2 voted to relocate the GFCI requirements for Boat Hoists and Dishwashers to Article 422 where all other similar requirements were already located. A minimal amount of Comments were received to bring dishwashers and boat hoists back to Article 210. Unfortunately one passed the Second Draft meeting by a narrow margin, but nevertheless it passed. Comments submitted to Panel 17 to delete boat hoists and dishwashers from 422.5 were rejected by Panel 17. If the requirements end up in both articles there will be conflicts between the two articles.

The NEC CC had no negative comments during the First Draft stage regarding the relocation of specific requirements or the revisions recommended revisions to 210.1 to clarify that Article 210 only contains general purpose branch circuit requirements and that specific equipment branch circuit requirements are located in the article covering the specific equipment. I respectively ask the NEC CC members to consider supporting the First Draft meeting actions.

13. Provide any additional information that you feel would be helpful to the NEC Correlating Committee, staff, or to the process in general: N/A

CMP-2 Members in attendance:

Mark Hilbert	International Association of Electrical Inspectors
Charles Boynton	American Chemistry Council
Daniel Buuck	National Association of Home Builders
Steve Campolo	Leviton Manufacturing Company, Inc.
Thomas Domitrovich	National Electrical Manufacturers Association
Thomas Harman	University of Houston-Clear Lake
Alan Manche	Schneider Electric
James Mitchem	Institute of Electrical & Electronics Engineers, Inc.
Thomas Wood	National Electrical Contractors Association
William McGovern	Intertek Testing Services
David Dini	UL LLC
James Imlah	International Association of Electrical Inspectors
Ed Larsen	Schneider Electric USA
John McCamish	International Brotherhood of Electrical Workers
Roger McDaniel	Electric Light & Power Group/EEI
Fernando Pacheco	American Chemistry Council
Brian Rock	National Electrical Manufacturers Association
Edward Rodriguez	Independent Electrical Contractors, Inc.
Michael Weaver	National Electrical Contractors Association
Douglas Lee	US Consumer Product Safety Commission
Chris Coache	NFPA
Guests in Attendance:	
Scott Harding	IEC
Mike O'Connell	IBEW
Todd Lathrop	Eaton
Vincent Dellacroce	EIT Conformity Services
Frederic Hartwell	Hartwell Electrical Services, Inc.
Keith Lofland	IAEI
Andrew Yip	Bosch
Robert Wills	Intergrid, LLC
Steve Rood	Legrand of North America
Robert Simon	Hubbell Inc.
Joe DeBartolo	Hubbell Inc
David Clements	IAEI
Jack Lyons	NEMA
Larry Ayer	IEC
David Kendall	Thomas & Betts
Don Iverson	NEMA
Thomas Packard	Legrand
Frank Tse	Leviton
Michael Fontaine	NESG
Patty Barron	SQL

Vince Saporita	Eaton
Randy Hunter	Eaton Bussmann
Dave Watson	Southwire
Todd Lathrop	Eaton
David Hewitt	Siemens
Kevin Lippert	Eaton Organization
Rod West	Schneider Electric
Fred Small	Hubbell
Gary Jones	IAEI
Amy Cronin	Strategic Code Solutions, LLC
Richard Loyd	Steel Tube Institute
Paul Vasquez	IEC
Kenneth Hengst	IEC
John Masarick	IEC
Joe Andre	STI
David Williams	IAEI
Bryan Holland	NEMA
Pete Jackson	IAEI
David Humphrey	IAEI
David Clements	IAEI
Jeff Holmes	IBEW
Mark Cloutier	NFPA
Richard Roux	NFPA

Paul Casparro IBEW
Code Making Panel # 3

Chairman's Report for NEC CMP # 3

1) NEC SD Meeting: November 2nd Monday to Nov. 14th Saturday 2015

2) A list of members and guests in attendance is attached.

3) List names of guests addressing the Panel, the subject of their address, and the length of time they spoke: DEHAD EL-SHERIF: 590.6(B) THE use of SPGFCJ devices 10 minutes. Roy Kusuma 725.144 Transmission of Power & Data: Dick Foster REDD TL 10 minutes. Terry Peters: Providing Power to equipment over the pain Category (LAD) cables 10 minutes Stan Kaufman 10 min

4) Number of Public Comments acted upon:

56

5) Number of Second Revisions created:

24

6) List any Task Groups appointed to work subsequent to the Second Draft Meeting, along with the names of members of the Task Group(s):

Mart Ode & George Strawiers were assigned to a Task Group to Review a Directive from the Correlating Committee on a First Revision that Panel 12 made to 640.3(B). Panel #12 responded the existing 640.3(B) as applicable to 300.22(B) dealing with ducts specifically fabricated for environmental air & other spaces used for environmental air (plenums) with exceptions for Class 2 & Class 3 wiring within those areas.

7) List any request contained in a Responses or Statement that require NEC

Correlating Committee attention:

8) List any Public Comments or Second Revisions, in your opinion, that needs to be referred to another TC for information or correlation:

9) List any Public Comments or Second Revisions that should be referred to the Toxicity Advisory Committee:

10) List all Public Comments and Second Revisions related to combustibles in plenums or other air handling spaces:

11) Identify any issues that should be brought to the attention of the NFPA Research Foundation for their input and assistance:

12) List any general requests for information or assistance from the NEC Correlating Committee:

13) Provide any additional information that you feel would be helpful to the NEC Correlating Committee, staff, or to the process in general:

Panel 3 members in attendance:

Paul J. Casparro, Chair	International Brotherhood of Electrical Workers
Douglas P. Bassett	Electronic Security Association
Larry G. Brewer	Intertek Testing Services
William A. Brunner	National Electrical Contractors Association
Steven D. Burlison	Electric Light & Power Group/EEI
Shane M. Clary	Automatic Fire alarm Association, Inc.
Ray R. Keden	Building Industry Consulting Services International
T. David Mills	Institute of Electrical & Electronics Engineers, Inc.
Steven J. Owen	Associated Builders & Contractors
Susan Newman Scarce	International Association of Electrical Inspectors
Susan L. Stene	UL LLC
Richard S. Anderson	Building Industry Consulting Services International
Jorge L. Arocha	Electric Light & Power Group/EEI
Sanford E. Egesdal	Automatic Fire Alarm Association, Inc.
Michael J. Farrell, III	International Brotherhood of Electrical Workers
Mark C. Ode	UL LLC
George A. Straniero	National Electrical Manufacturers Association
Joseph J. Wages, Jr.	International Association of Electrical Inspectors

Guests in attendance:

Brian Holland	NEMA
Lemuel Jackson	NEMA
Rick Foster	IES
Randy Ivans	Underwriters Laboratories, Inc.
John Kovacik	Underwriters Laboratories, Inc.

NFPA staff in attendance:

Janna Shapiro	NFPA
Laura Montville	NFPA

NEC CMP - 4 Chairman's Report

- 1) Date(s) and location of meeting: November 1st through November 5th 2015, San Diego, California

- 2) List names of guests in attendance: See attached Guest Sign-in Sheets

- 3) List names of guests addressing the Panel, the subject of their address, and the length of time they spoke: (1) Hannes Knopf – SMA Solar Technology spoke for 5 minutes on 690-12 Rapid Shut Down. (2) Scott Humphrey – Senior Electrical Inspector for the County of Los Angeles spoke for 5 minutes on 690.12 Rapid Shut Down. (3) Steve Pisklak with The Dow Chemical Company spoke for 5 minutes on the “Dow Solar Shingle” product and how its use may help with complying with 690.12 Rapid Shut Down. (4) Natalia Larrimer with ANAB Business Development and Regulatory Affairs spoke for 5 minutes on National Accreditation. (See attached copy of the Business Cards)

- 4) Number of Public Comments acted upon: 291

- 5) Number of Second Revisions created: 103

- 6) List any Task Groups appointed to work subsequent to the Second Draft Meeting, along with the names of members of the Task Group(s): See the attached Task Groups, the Chairs and Members.

- 7) List any request contained in a Responses or Statement that require NEC Correlating Committee attention: (1) SR-928, Section 690.1 Scope Change. (2) SR-975, Section 691.1 Scope Change. (3) SR-999, Section 692.1 Scope Change. (4) SR-922, Section 694.1 Scope Change.

8) List any Public Comments or Second Revisions, in your opinion, that needs to be referred to another TC for information or correlation: (1) SR 918, Definition of “Field Labeled” to Article 100. (2) SR-991, Definition of “Stand Alone System” to Article 100.

9) List any Public Comments or Second Revisions that should be referred to the Toxicity Advisory Committee: None

10) List all PCs or SRs related to combustibles in plenums or other air handling spaces: None

11) Identify any issues that should be brought to the attention of the NFPA Research Foundation for their input and assistance: None

12) List any general requests for information or assistance from the NEC Correlating Committee: None

13) Provide any additional information that you feel would be helpful to the NEC Correlating Committee, staff, or to the process in general: None

Panel 4 members in attendance:

Ronald J. Toomer	National Electrical Contractors Association
Malcolm Allison	National Electrical Manufactures Association
Ward I. Bower	Solar Energy Industries Association
Bill Brooks	Photovolataic Industry Code Council
Thomas E. Buchal	Intertek Testing Services
James G. Cialdea	InterNational Electrical Testing Association
Todd Fries	Hellermann Tyton
Mark D. Gibbs	Institute of Electrical & Electronics Engineers, Inc.
Roger D. McDaniel	Electric Light & Power Group/EEI
Matthew Paiss	International Association of Fire Fighters
David Picatti	Independent Electrical Contractors, Inc.
James J. Rogers	International Association of Electrical Inspectors
Rebecca Templet	American Chemistry Council
Wendell Whistler	International Brotherhood of Electrical Workers
Robert H. Wills	American Wind Energy Association
Stephen Wurmlinger	Large-Scale Solar Association
Timothy P. Zgonena	UL LLC
Larry D. Cogburn	National Electrical Contractors Association
Jason Fisher	Solar Energy Industries Association
Lee Kraemer	Large-Scale Solar Association
Rhonda Parkhurst	International Association of Electrical Inspectors
Robert Preus	American Wind Energy Association
Karl Reighard	Electric Light & Power Group/EEI
Patrick G. Salas	National Electrical Manufacturers Association
Stephen W. Douglas	CSA Canadian Electrical Code Committee

Staff Liaison:

Barry Chase	NFPA
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Chairman's Report for the NEC CMP 5

1) Date(s) and location of meeting:

November 9-10, 2015. Sheraton Bay tower, San Diego, California

2) List names of guests in attendance:

see sign in sheets

3) List names of guests addressing the Panel, the subject of their address, and the length of time they spoke:

Robert Torbin of Cutting Edge Solutions spoke to the panel in support of PC 704 on November 10 for 15 minutes.

4) Number of Public Inputs acted upon:

101 (verify with Barry Chase) and 2 First Revisions referred by the Correlating Committee

5) Number of Second Revisions created:

38 (verify with Barry Chase)

6) List any Task Groups appointed to work subsequent to the Second Draft Meeting, along with the names of members of the Task Group(s):

None

7) List any request contained in a Responses or Statement that require NEC Correlating Committee attention:

None

8) List any Public Inputs or First Revisions, in your opinion, that needs to be referred to another TC for information or correlation:

None

9) List any Public Inputs or First Revisions that should be referred to the Toxicity Advisory Committee:

None

10) List all PCs or SRs related to combustibles in plenums or other air handling spaces:

None

11) Identify any issues that should be brought to the attention of the NFPA Research Foundation for their input and assistance:

None

12) List any general requests for information or assistance from the NEC Correlating Committee:

In reviewing FR 1024 referred by the CC, the TC found that terminology related to grounding and bonding in Article 690 is often not used in accordance with the definitions. In the 2014 revision cycle the CC appointed a joint task group consisting of members of Panel 4 and Panel 5 to discuss grounding issues in Article 690. The recommendations of the Task Group were not consistently followed. Panel 5 believes that with few exceptions the provisions of Article 250 are adequate to address the installation of PV systems and asks the CC to assist in bringing consistency in the use and application of terms and installation practices related to grounding and bonding of solar photovoltaic systems.

13) Provide any additional information that you feel would be helpful to the NEC Correlating Committee, staff, or to the process in general:

At the end of the meeting, some members of Panel 5 asked for a straw poll regarding adding labeling requirements for listed products throughout the code to provide information to the CC about their views. The result of the informal poll was a vote of 9-7 in favor of requiring labeling as a general rule.

Some members of Panel 5 asked that their difficulties cutting and pasting from the First Draft Report be reported to NFPA. Our limited testing revealed that TerraView does not work the same way on different systems running the same version of Firefox so that some members were able to cut and paste from the First draft Report and others were not. The chair was asked to report this to NFPA.

The chair wishes to call attention to the lack of attendance of committee member Fred Song who has attended one meeting in the two revision cycles he has been a member. The chair has received no communications from this member regarding his lack of attendance.

Finally, the chair and members of the committee wish to commend Barry Chase on his outstanding work as our staff liaison. His ability to navigate between TerraView and Word, as well his general understanding of the use of the Windows OS, were a refreshing change from the past. He was able to quickly catch the drift of the conversation and translate it into draft panel statements or code text for our review which greatly facilitated our rapid progress through the work. He handled the capriciousness of the committee with aplomb and good humor and was a pleasure to work with.

Panel 5 members in attendance:

Nathan Phillips	National Electrical Contractors Association
Gary A. Beckstrand	International Brotherhood of Electrical Workers
Trevor N. Bowmer	Alliance for Telecommunications Industry
David Brender	Copper Development Association Inc.
Martin J. Brett, Jr.	Steel Tube Institute of North America
Paul Dobrowsky	American Chemistry Council
G. Scott Harding	Independent Electrical Contractors, Inc.
Joseph Harding	Power Tool Institute
William J. Helfrich	US Department of Labor
Charles F. Mello	UL LLC
Daleep C. Mohla	Institute of Electrical & Electronics Engineers, Inc.
Mike O'Meara	Electric Light & Power Group/EEI
Charles J. Palmieri	International Association of Electrical Inspectors
Christine T. Porter	Intertek Testing Services
Nick Sasso	State of Wyoming
Gregory J. Steinman	National Electrical Manufacturers Association
Paul Picard	The Aluminum Association, Inc.
Joseph Andre	Steel Tube Institute of North America
Derrick Atkins	International Brotherhood of Electrical Workers
Ernest Gallo	Alliance for Telecommunications Industry Solutions
Ronald Lai	National Electrical Manufacturers Association
Bobby Gray	National Electrical Contractors Association
William Pancake	International Association of Electrical Inspectors
Phil Simmons	Copper Development Association, Inc.
David B. Stump	Independent Electrical Contractors, Inc.
Robert A. Nelson	Canadian Standards Association

Staff Liaisons:

Chad Duffy	NFPA
Barry Chase	NFPA

Guests in Attendance:

John Masarick	IEC
Pierre Liberatore	CCBDA
Bob Torbin	Omega Flex
Don Iverson	NEMA
Keith Lofland	IAEI
Randy Hunter	Bussmann
R. Steven Jones	IAEI

David Campbell	AA
Joe Marquardt	ACC
Travis Lindsey	TLCS Inc.
Pete Jackson	IAEI
Frank A. Belio, Jr.	IUEC
Jay Burris	STI/Wheatland
David Williams	IAEI

Chairman's Report for the NEC CMP -6

1) Date(s) and location of meeting: November 1, 2015 through November 3rd at Sheraton Bay Tower in San Diego, CA.

2) List names of guests in attendance: (See Attendance Sheet)

3) List names of guests addressing the Panel, the subject of their address, and the length of time they spoke:

Dr. Konrad Kundig – Article 310.15(B)(3)(c) & Table. Temperature Adder for Conduit run above a roof. 10 minutes.

Mark Ode – CMP-3. Wanting CMP-6 to address the use of Type L-824 5Kv Cable exposed in vaults for taxiway/runway lighting. 10 minutes

4) Number of Public Inputs acted upon: 28

5) Number of Second Revisions created: 6

6) List any Task Groups appointed to work subsequent to the Second Draft Meeting, along with the names of members of the Task Group(s):

SEE ATTACHED

7) List any request contained in a Responses or Statement that require NEC Correlating Committee attention:

We request that the addition of a clarification to the table being inserted, per FR-1513 in Annex D (Example D7 – “This table is based on 75 degree terminations and without any adjustment or correction factors.”

8) List any Public Comments or Second Revisions, in your opinion, that needs to be referred to another TC for information or correlation:

None

9) List any Public Comments or Second Revisions that should be referred to the Toxicity Advisory Committee:

None

10) List all Public Comments or Second Revisions related to combustibles in plenums or other air handling spaces:

None

11) Identify any issues that should be brought to the attention of the NFPA Research Foundation for their input and assistance:

None

12) List any general requests for information or assistance from the NEC Correlating Committee:

None

13) Provide any additional information that you feel would be helpful to the NEC Correlating Committee, staff, or to the process in general:

None

I have provided the information above to the best of my knowledge.

Respectfully,

Michael W. Smith – 11/23/2015

**CMP-6 Comment Stage
NEC 2017 - Task Groups**

TG #		NAME		Public Comment #	Code Article/Section	Submitter	
		Last	First				
1	Chairman	Laidler	Bill	PC# 374-NFPA 70-2015	Section No. 310.15(A)(2)	MIKE HOLT	
		Friedman	Sam	PC# 375-NFPA 70-2015	Section No. 310.15(A)(2)	MIKE HOLT	
		Huddleston	Robert	PC# 43-NFPA 70-2015	Section No. B.310.15(B)(2)	Aaron Adamczyk	
		Cangemi	John	PC# 89-NFPA 70-2015	Section No. 310.15(B)(7)	JOHN STACEY	
		Picard	Paul	PC# 1159-NFPA 70-2015	Section No. 310.15(B)(7)	Christel Hunter	
					PC# 1570-NFPA 70-2015	Section after 310.15(B)(7)	submitted
2	Chairman	Hunter	Christel	PC# 589	Section No. 310.15(B)(3)		
		Kent	G.W.	PC# 1027-NFPA 70-2015	Section No. 310.15(B)(3)	HOWARD HERNDON	
		Riedl	Kenneth	PC# 1041-NFPA 70-2015	Section No. 310.15(B)(3)	Phil Simmons	
		Crisman	Todd	PC# 1043-NFPA 70-2015	Section No. 310.15(B)(3)	Phil Simmons	
		Zimnoch	Joe	PC# 1157-NFPA 70-2015	Section No. 310.15(B)(3)	Christel Hunter	
					PC# 1293-NFPA 70-2015	Section No. 310.15(B)(3)	submitted
					PC# 1328-NFPA 70-2015	Section No. 310.15(B)(3)	submitted
					PC# 1401-NFPA 70-2015	Section No. 310.15(B)(3)	submitted
					PC# 1630-NFPA 70-2015	Section No. 310.15(B)(3)	submitted
					PC# 1789-NFPA 70-2015	Section No. 310.15(B)(3)	submitted
					PC# 320-NFPA 70-2015	Section No. 310.15(B)(3)	STEPHEN SHULL
					PC# 583-NFPA 70-2015	Section No. 310.15(B)(3)	David Brender
				OMIT	PC# 796-NFPA 70-2015	Section No. 310.15(B)(3)	TRAVIS LINDSEY
					PC# 845-NFPA 70-2015	Section No. 310.15(B)(3)	TRAVIS LINDSEY
				OMIT	PC# 419-NFPA 70-2015	Section No. 310.15(B)(3)	Dave HESS
			PC# 971-NFPA 70-2015	Section No. 310.15(B)(3)	Pradeep Rohatgi		
3	Chairman	Maxwell	Bill	PC# 955-NFPA 70-2015	Section No. 310.104	Marcelo Hirschler	
		Xerri	Mario	PC# 1740-NFPA 70-2015	Section No. 400, Part I.	submitted	
		Wall	Carl	PC# 446-NFPA 70-2015	Section No. 400.1	MIKE HOLT	
		Stacy	John	PC# 200-NFPA 70-2015	Section after 400.10(A)	David K Bell	
		Bowers	Peter	PC# 1446-NFPA 70-2015	Section No. 400.12	submitted	
		Mercier	David	PC# 449-NFPA 70-2015	Section No. 400.12	MIKE HOLT	
			PC# 42-NFPA 70-2015	Ch. 9, Table 8 Conductor Propert	Aaron Adamczyk		

Chairman's Report for NEC CMP-7

- 1) NEC SD Meeting: November 12, 2015
- 2) A list of members and guests in attendance is attached.
- 3) List names of guests addressing the Panel, the subject of their address, and the length of time they spoke:

Randy Storch and Tony Beam, Flat Conductor Cable installations under laminate flooring addressed the panel for 10 Minutes.

- 4) Number of Public Comments acted upon: 39
- 5) Number of Second Revisions created: 15
- 6) List any Task Groups appointed to work subsequent to the Second Draft Meeting, along with the names of members of the Task Group(s):

Task Group 1: Christel Hunter, George Staniero, Dennis Nielson, Gregory Runyon, J. Richard Barker, Richard Bennett, Timothy Earl, Michael Smith, Chris Fahrenthold and Dave Mercier.

Task Group 2: Wesley Wheeler, Herman Hall, Samuel LaDart, Ronald Nickson, Terry Cromer, John Ray, Keith Owensby, Kevin Porter, Irozenell Pruitt, Susan Stene and Allen Turner.

- 7) List any request contained in a Responses or Statement that require NEC Correlating Committee attention: None

8) List any Public Comments or Second Revisions, in your opinion, that needs to be referred to another TC for information or correlation:

CMP-14 approved Type TC-ER Cable to be used in a hazardous location in Sections 501.10(A)(1)(f) and 505.15(B)(1)(i). CMP-7 has evaluated both the proposals and information provided by manufacturers of Type TC cable, and the added language to 336.10 that will provide guidance to users of Type TC for the allowed uses in hazardous locations for the 2017 NEC. Technical substantiation was submitted to the panel indicating that many of the hazardous materials will have an adverse effect on commercially available jacketing materials.

9) List any Public Comments or Second Revisions that should be referred to the Toxicity Advisory Committee:

None

10) List all Public Comments and Second Revisions related to combustibles in plenums or other air handling spaces:

None

11) Identify any issues that should be brought to the attention of the NFPA Research Foundation for their input and assistance:

CMP-7 has request additional research be provided for Type-SE Cable and the effects on the cable when installed I thermal insulation. This is a similar request from previous CMP-7 Chair reports.

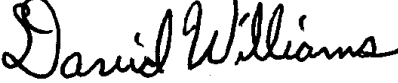
12) List any general requests for information or assistance from the NEC Correlating Committee:

CMP-14 approved Type TC-ER Cable to be used in a hazardous location in Sections 501.10(A)(1)(f) and 505.15(B)(1)(i). The Panel has evaluated both the proposals and information provided by manufacturers of Type TC cable, and the added language to 336.10 will provide guidance to users of Type TC for the allowed uses in hazardous locations for the 2017 NEC. Technical substantiation was submitted to the panel indicating that many of the hazardous materials will have an adverse effect on commercially available jacketing materials.

13) Provide any additional information that you feel would be helpful to the NEC Correlating Committee, staff, or to the process in general:

CMP-7 voted during the Public Input Stage and the Public Comment Stage to include the cable wiring methods to be Listed and Labeled. This will allow installers and enforcers of the code to know they are installing products that have been properly evaluated for there use in the field.

Respectfully Submitted

A handwritten signature in black ink that reads "David Williams". The signature is written in a cursive style with a large initial "D".

David Williams
Chair CMP-7

Chairman's Report for the NEC CMP 8

- 1) Date(s) and location of meeting: November 9th
2015, San Diego California

- 2) List names of guests in attendance: Bryan P. Holland-NEMA, Lemvel Jackson-STI, Christel Hunter-General Cable, Bill Burke-NFPA, Davis Clements-IAEI, Elaine Thompson=Allied Tube. (Guest Sign-In Sheet is Attached)

- 3) List names of guests addressing the Panel, the subject of their address, and the length of time they spoke: Christel Hunter with Allied Tube spoke on Second Revision 2110- Section number 370.80 to clarify the allowable ampacities for cables incorporated in cablebus assemblies.

- 4) Number of Public Comments acted upon: 35

- 5) Number of Second Revisions created: 11

- 6) List any Task Groups appointed to work subsequent to the Second Draft Meeting, along with the names of members of the Task Group(s): See the attached Task Groups, the Chairs and Members.

- 7) List any request contained in a Responses or Statement that require NEC Correlating Committee attention: None

8) List any Public Comments or Second Revisions, in your opinion, that needs to be referred to another TC for information or correlation: None

9) List any Public Comments or Second Revisions that should be referred to the Toxicity Advisory Committee: None

10) List all PCs or SRs related to combustibles in plenums or other air handling spaces: None

11) Identify any issues that should be brought to the attention of the NFPA Research Foundation for their input and assistance: None

12) List any general requests for information or assistance from the NEC Correlating Committee: None

13) Provide any additional information that you feel would be helpful to the NEC Correlating Committee, staff, or to the process in general: None

Panel 8 members in attendance:

Larry D. Cogburn	National Electrical Contractors Association
David F. Allen	Electric Light & Power Group/EEI
David M. Campbell	The Aluminum Association, Inc.
David A. Gerstetter	UL LLC
Kenneth W. Hengst	Independent Electrical Contractors, Inc.
Pete Jackson	International Association of Electrical Inspectors
David H. Kendall	The Vinyl Institute
Richard E. Loyd	Steel Tube Institute of North America
Paul W. Myers	Institute of Electrical and Electronics, Inc.
Michael Martin	American Chemistry Council
Donald R. Offerdahl	Intertek Testing Services
Rhett A. Roe	IBEW Local Union 26 JATC
Rodney J. West	National Electrical Manufacturers Association
Richard J. Berman	UL LLC
Rachel Guenther	The Vinyl Institute
J. Grant Hammett	International Association of Electrical Inspectors
Raymond W. Horner	Steel Tube Institute of North America
Stephen P. Poholski	National Electrical Contractors Association
Dan Rodriguez	International Brotherhood of Electrical Workers
Frederic F. Small	National Electrical Manufacturers Association
Raul L. Vasquez	Independent Electrical Contractors
Stephen Douglas	CSA/Canadian Electrical Code Committee

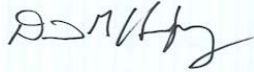
Guests in attendance:

Dave Watson	Aluminum Association
Bryon Holland	NEMA
Lemuel Jackson	STI
Christel Hunter	General Cable
David Clements	IAEI
Bill Burke	NFPA

Staff Liaison:

Mark Cloutier	NFPA
Chad Duffy	NFPA

Chairman's Report for NEC CMP 9 ___David G. Humphrey Chair_____.



- 1) NEC SD Meeting: San Diego, California 11-9-15/ 11-10-15
- 2) A list of members and guests in attendance is attached.
- 3) List names of guests addressing the Panel, the subject of their address, and the length of time they spoke:
11/9/15 - 10:00-10:15 Larry Cogburn addressed the panel concerning the testing performed on series 8000 aluminum conductor bending.
- 4) Number of Public Comments acted upon: 74
- 5) Number of Second Revisions created: 18
- 6) List any Task Groups appointed to work subsequent to the Second Draft Meeting, along with the names of members of the Task Group(s):

B. Hornberger – Task group Chair
K. Miller
K. Crawford
R. Osborne

This task group will review PC 1370 and clarify panel 9's position with regard to defining more clearly the terminology contained in section 490.48(B) and make a recommendation to the CMP concerning the appropriate action on PC 1370. The second revision action was to "Reject but Hold".

- 7) List any request contained in a Responses or Statement that require NEC Correlating Committee attention:

Second Revision 2407. Section 314.28(E)(1)

CMP 9 understands that Correlating Committee task group action with regard to the possibility of a global change adding "and labeled" after the word "listed" is forthcoming. CMP 9 awaits CC task group action before inserting "and labeled" after the word listed in the first sentence of this section.

8) List any Public Comments or Second Revisions, in your opinion, that needs to be referred to another TC for information or correlation:

N/A

9) List any Public Comments or Second Revisions that should be referred to the Toxicity Advisory Committee:

N/A

10) List all Public Comments and Second Revisions related to combustibles in plenums or other air handling spaces:

N/A

11) Identify any issues that should be brought to the attention of the NFPA Research Foundation for their input and assistance:

N/A

12) List any general requests for information or assistance from the NEC Correlating Committee:

N/A

13) Provide any additional information that you feel would be helpful to the NEC Correlating Committee, staff, or to the process in general:

N/A

Panel 9 members in attendance:

David G. Humphrey	International Association of Electrical Inspectors
Rodney D. Belisle	International Brotherhood of Electrical Workers
Kevin J. Breen	Independent Electrical Contractors, Inc.
Billy Breitzkreutz	Associated Builders & Contractors
Wayne Brinkmeyer	National Electrical Contractors Association
Frederic P. Hartwell	Hartwell Electrical Services, Inc.
Barry N. Hornberger	Electric Light & Power Group/EEI
Kevin R. Miller	Intertek Testing Services
Robert D. Osborne	UL LLC
Bradford D. Rupp	National Electrical Manufacturers Association
Gregory A. Bowman	National Electrical Contractors Association
Kenneth S. Crawford	American Chemistry Council
Ken Filips	Independent Electrical Contractors, Inc.
L. Keith Lofland	International Association of Electrical Inspectors
Michael O'Connell	International Brotherhood of Electrical Workers
Ronnie H. Ridgeway	National Electrical Manufacturers Association

Guests in attendance:

Amy B. Cronin	Strategic Code Solutions, LLC
Patty Barron	Safety Quick Light
Michael D. Fontaine	National Electrical Safety Group
Larry Cogburn	NECA
John Masarick	IEC
Jack Lyons	NEMA
Randy Hunter	Bussmann
Steve Donovan	QPS
David Clements	IAEI
Dave Watson	Southwire
Richard Roux	NFPA
Bill Burke	NFPA
Jeff Sargent	NFPA

Staff Liaison:

Nancy Pearce	NFPA
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Chairman's Report for the NEC CMP-10
Julian Burns Chairman

1) Date(s) and location of meeting:
Monday, November 2, 2015

2) List names of guests in attendance:
Keith Lofland-IAEI
Ed Larsen-Schneider Electric/Square D
Kim Shea-NFPA Staff
Tim McClintoc-NFPA Staff
Don Iverson-NEMA
Bill Burk-NFPA Staff
John Masrick-IEC
Mark Cloutier NFPA Staff
Mike Johnston-NECA
George Ockuly-Bussmann/Retired
Palmer Hickman-IBEW

3) List names of guests addressing the Panel, the subject of their address, and the length of time they spoke:
James A. Erickson with Boltswitch, Inc, PC's covering NEC Section 240.67, Spoke for 20 minutes.

4) Number of Pubic Inputs acted upon: **27**

5) Number of First Revisions created: **2**

6) List any Task Groups appointed to work subsequent to the Second Draft Meeting, along with the names of members of the Task Group(s):

None

7) List any request contained in a Responses or Statement that require NEC Correlating Committee attention:

None

8) List any Public Inputs or First Revisions, in your opinion, that needs to be referred to another TC for information or correlation:

None

9) List any Public Inputs or First Revisions that should be referred to the Toxicity Advisory Committee:

None

10) List all PCs or SRs related to combustibles in plenums or other air handling spaces:

None

11) Identify any issues that should be brought to the attention of the NFPA Research Foundation for their input and assistance:

Cmp-10 requests that the NFPA Research Foundation initiate a study to determine what incident energy level, if any, would be an acceptable exposure level for a worker per the installation code NFPA 70 (NEC).

12) List any general requests for information or assistance from the NEC Correlating Committee:

None

13) Provide any additional information that you feel would be helpful to the NEC Correlating Committee, staff, or to the process in general:

None

Panel 10 members in attendance:

Julian Burns	Independent Electrical Contractors, Inc.
Scott Blizard	InterNational Electrical Testing Association
Dennis Darling	Institute of Electrical & Electronics Engineers, Inc.
James Dollard, Jr.	International Brotherhood of Electrical Workers
Carl Fredericks	American Chemistry Council
Jeffrey Hidaka	Underwriters Laboratories, Inc.
Kenneth Rempe	National Electrical Manufacturer's Association
Vince Saportia	Eaton's Bussmann Business
Richard Sobel	National Electrical Contractors Association
Christopher Vance	Electric Light & Power Group/EEI
Christopher Jensen	International Association of Electrical Inspectors
Kevin Lippert	Eaton Corporation
Richard Lofton, II	International Brotherhood of Electrical Workers
Alan Manche	National Electrical Manufacturers Association
Kathleen McKitish	Electric Light & Power Group/EEI
Bruce Rockwell	InterNational Electrical Testing Association
Steve Struble	Independent Electrical Contractors, Inc.
Steven Townsend	Institute of Electrical & Electronics Engineers, Inc.

Guests in attendance:

Keith Lofland	IAEI
James Erickson	Boltswitch
Ed Larsen	Schneider Electric USA
Don Iverson	NEMA
John Masarick	IEC
Mike Johnston	NECA
George Oakley	Eaton
Palmer Hickman	IBEW
Tim McClintock	NFPA
Bill Burke	NFPA

Staff Liaison

Mark Cloutier	NFPA
Kim Shea	NFPA

Chairman's Report for NEC CMP 11

- 1) NEC Second Draft Meeting, San Diego
November 5, 6, 7, 2015 – planned
November 5, 2015 - actual
- 2) A list of members and guests in attendance is attached.
- 3) The following guests addressed the panel:

Amy Cronin, Patty Barron, Michael Fontaine. 15 minutes. PC #668 Section 430.109(F).
- 4) Number of Public Comments acted upon: 23
- 5) Number of Second Revisions created: 5
- 6) There were no Task Groups appointed to work subsequent to the Second Draft Meeting.
- 7) There are no requests for the NEC Correlating Committee at this time.
- 8) There are no Public Comments or Second Revisions that should be referred to another panel for information or correlation.
- 9) There are no Public Comments or Second Revisions that should be referred to the Toxicity Advisory Committee.
- 10) There were no PCs or SRs related to combustibles in plenums or other air handling spaces.
- 11) There are no new requests or issues for the NFPA Research Foundation at this time.
- 12) There are no requests for information or assistance from the NEC Correlating Committee at this time.
- 13) Provide any additional information that you feel would be helpful to the NEC Correlating Committee, staff, or to the process in general:

None to provide.

Panel 11 members in attendance:

John M. Thompson	UL LLC
Luis M. Bas	Intertek Testing Services
Terry D. Cole	Independent Electrical Contractors, Inc.
Zivorad Cosic	ABB Inc.
James M. Fahey	International Brotherhood of Electrical Workers
Stanley J. Folz	National Electrical Contractors Association
Paul E. Guidry	Associated Builders & Contractors
Arthur S. Neubauer	American Petroleum Institute
George J. Ockuly	Technical Marketing Consultants
Ron Widup	InterNational Electrical Testing Association
Arthur J. Smith, III	Institute of Electrical & Electronics Engineers, Inc.
James R. Wright	National Electrical Manufacturers Association
John E. Cabaniss	American Chemistry Council
Seth J. Carlton	UL LLC
Gregory J. Clement	Associated Builders & Contractors
Tim Hinson	National Electrical Contractors Association
Rodney B. Jones	International Association of Electrical Inspectors
Tim LaLonde	Independent Electrical Contractors, Inc.
Ed Larsen	National Electrical Manufacturers Association
Vincent J. Saporita	Eaton's Bussmann Business
Carl Timothy Wall	Electric Light & Power Group/EEI

Guests in attendance:

Stephen Jackson	EL&P/EEI
Mike Stone	NEMA
Jason Cange	Siemens
John Masarick	IEC
Michael Fontaine	NESG/SQL
Patty Barron	SQL
Mark Cloutier	NFPA

Staff Liaison

Chad Duffy	NFPA
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Chairman's Report for NEC CMP

- 1) NEC SD Meeting: November 12 and 13, 2015

- 2) A list of members and guests in attendance is attached.
(I assume the liaison gave you this)

- 3) List names of guests addressing the Panel, the subject of their address, and the length of time they spoke: Gary Eldridge/Craig Rodine regarding (625) Electrical vehicle cords. Spoke for about 15 minutes on Friday, 13 November.

- 4) Number of Public Comments acted upon: 90

- 5) Number of Second Revisions created: 48

- 6) List any Task Groups appointed to work subsequent to the Second Draft Meeting, along with the names of members of the Task Group(s):
None

- 7) List any request contained in a Responses or Statement that require NEC Correlating Committee attention:
In regard to PC 1301 and in other places in the Code : resolve standardized NEC uses of the terms : short-circuit, ground-fault, and available fault current. - especially as related to : current available for a fault, equipment withstand capability, and type of fault occurrence. There is significant confusion as to their correct use.
In regard to PC 1832 625.1 Informational Note No. 3 - There is no UL 2750 publication.

8) List any Public Comments or Second Revisions, in your opinion, that needs to be referred to another TC for information or correlation:

9) List any Public Comments or Second Revisions that should be referred to the Toxicity Advisory Committee:

10) List all Public Comments and Second Revisions related to combustibles in plenums or other air handling spaces:

11) Identify any issues that should be brought to the attention of the NFPA Research Foundation for their input and assistance:

12) List any general requests for information or assistance from the NEC Correlating Committee:

13) Provide any additional information that you feel would be helpful to the NEC Correlating Committee, staff, or to the process in general:

Panel 12 members in attendance:

Scott Cline	National Electrical Contractors Association
Frank Anthony Belio	International Union of Elevator Constructors
Jeffrey W. Blain	National Elevator Industry, Inc.
James L. Brown	Electric Light & Power Group/EEI
Thomas R. Brown	Intertek Testing Services
Philip Clark	International Association of Electrical Inspectors
Karl M. Cunningham	The Aluminum Association, Inc.
Jeffrey L. Holmes	International Brotherhood of Electrical Workers
Angelo G. Horiates	Navy Crane Center
Robert E. Johnson	Information Technology Industry Council
Stanley Kaufman	Society of the Plastics Industry, Inc.
John R. Kovacik	UL LLC
Todd F. Lottmann	National Electrical Manufacturers Association
Jeffrey S. Menig	SAE Hybrid/EV Technical Standards Committee
Duke W. Schamel	Independent Electrical Contractors, Inc.
Arthur E. Schlueter, Jr.	American Pipe Organ Builders
Robert Turner	Inductotherm Corporation
Joseph M. Bablo	UL LLC
William B. Crist, Jr.	Independent Electrical Contractors, Inc.
Jody B. Greenwood	Navy Crane Center
John D. Henderson	National Elevator Industry, Inc.
Todd r. Konieczny	Intertek Testing Services
Joseph F. Prisco	Information Technology Industry Council
Emad Tabatabaei	Inductotherm Corporation
James Tarchinski	SAE Hybrid/EV Technical Standards
Frank Tse	National Electrical Manufacturers Association
Phillip J. Yehl	International Association of Electrical Inspectors

Guests in attendance:

Stan Folz	NECA
Vince Dellacroce	IBEW
Michael Owen	NECA
Thomas Papallo	Siemens
David Hewitt	Siemens
Steve Rood	Legrand North America
Bryan Holland	NEMA
Kenneth Brown	Leviton
Gary Eldridge	Chargepoint, Inc.
Megan Griffith	NFPA

Staff Liaison

Dan Gorham	NFPA
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Chairman's Report for the NEC CMP 13

Linda J. Little

1) Date(s) and location of meeting:

November 9, 2015 – November 11, 2015

2) List names of guests in attendance:

3) List names of guests addressing the Panel, the subject of their address, and the length of time they spoke:

Ken Boyce representing UL spoke regarding PC 1490. Total length including questions, 25 min.

4) Number of Public Inputs acted upon:

5) Number of First Revisions created:

6) List any Task Groups appointed to work subsequent to the Second Draft Meeting, along with the names of members of the Task Group(s):

None

7) List any request contained in a Responses or Statement that require NEC Correlating Committee attention:

PC 124 (702.5) Request CC to investigate transfer switches installed in meters

PC 1144 (Article 480) Re: Correlating content of Article 480 with content of Article 706

8) List any Public Inputs or First Revisions, in your opinion, that needs to be referred to another TC for information or correlation:

None

9) List any Public Inputs or First Revisions that should be referred to the Toxicity Advisory Committee:

None

10) List all PCs or SRs related to combustibles in plenums or other air handling spaces:

None

11) Identify any issues that should be brought to the attention of the NFPA Research Foundation for their input and assistance:

CMP 13 continues to request data regarding the fire resistance rating of 2" concrete including heat transfer above and below a slab containing conduit.

12) List any general requests for information or assistance from the NEC Correlating Committee:

PC 1174 (Article 712) CMP 13 requests CC clarification on the term "Reference Grounded DC System" vs "Functional Grounded" Re Action of CMP 4

13) Provide any additional information that you feel would be helpful to the NEC Correlating Committee, staff, or to the process in general:

PC 1692 (706.3) CMP 13 Accepted PC to reference Part IV of Article 705; CMP 4 may have moved this content into a new article.

Panel 13 Members in Attendance

Name	Organization / Representation
Linda Little	IBEW Local 1 Electricians JATC
Martin Adams	National Electrical Contractors Association
George Brandon	Portable Generator Manufacturers
Daniel Caron	Bard, Rao + Athanas Consulting Engineers, LLC
Richard Currin, Jr.	American Society of Agricultural & Biological Engineers
Neil Czarnecki	National Electrical Manufacturers Association
James Degnan	American Society for Healthcare Engineering
Steven Froemming	International Association of Electrical Inspectors
Ronald Keenan	Independent Electrical Contractors, Inc.
Daniel Neeser	Eaton's Bussmann Division
Mark Ode	UL LLC
Shawn Paulsen	CSA Group
Arnoldo Rodriguez	American Chemistry Council
Michael Savage	City of Rio Rancho
Mario Spina	Institute of Electrical & Electronics Engineers, Inc.
David Tobias, Jr.	Intertek Testing Services
Kendall Waterman	Copper Development Association, Inc.
Timothy Windey	Cummins Power Generation
Lawrence Ayer	Independent Electrical Contractors, Inc.
Krista McDonald Biason	American Society for Healthcare Engineering
William Cantor	Institute of Electrical & Electronics Engineers, Inc.
Timothy Crnko	Eaton's Bussmann Business
Herbert Daughterty	Electrical Generating Systems Association
James Dollard	International Brotherhood of Electrical Workers
Lawrence Forshner	Bard, Rao + Athanas Consulting Engineers, LLC
Travis Foster	American Chemistry Council
Robert Jordan	Electric Light & Power Group / EEI
Chad Kennedy	National Electrical Manufacturers Association
John Kovacic	UL LLC
Greg Marchand	Portable Generator Manufacturers' Association
Michael Wilson	CSA Group

Guests in Attendance

Bill Otterson	SHERMCO Inc.
Barbara Mentzer	IAEI
Mike Snyder	Tesla Motors
Paul Undercuffler	Outback Power
Mike Stone	NEMA
Timothy Porter	City of Seattle
David Clements	IAEI
Jeff Jonas	General Power Systems
Roger McDaniel	EEI
Jack Lyons	NEMA

John Masarick	IEC
Ken Boyce	UL
Palmer Hickman	UL
Mark Christian	IBEW
Barry Hornberger	PECO Energy Company
Vince Dellacroce	ETI Conformity Services
Keith Lofland	IAEI
Gary Jones	IAEI
Fred Hartwell	

Staff Liaison

Laura Montville	NFPA
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Chairman's Report for NEC CMP 14



Robert A. Jones

- 1) NEC SD Meeting: November 9-11, 2015
- 2) A list of members and guests in attendance is attached.
See attendance roster
- 3) List names of guests addressing the Panel, the subject of their address, and the length of time they spoke:
 - Richard Loyd, Steel Tube Institute – section 501.10(B)(1) 15 minutes
 - Tim Waters, General Cable – PC 1341 15 minutes
 - Jeffrey M. Shapiro, International Code Consultants – PC 1580 & 1624 15 minutes
- 4) Number of Public Comments acted upon: 87
- 5) Number of Second Revisions created: 29
- 6) List any Task Groups appointed to work subsequent to the Second Draft Meeting, along with the names of members of the Task Group(s):
- 7) List any request contained in a Responses or Statement that require NEC Correlating Committee attention:
A multi-panel task group consisting of CMPs 14, 7, and 6 should be appointed to determine acceptance of wiring methods utilizing Type P cable (UL 1309) for mobility when rigging up and rigging down oil and gas well drilling land rigs and skid mounted oilfield equipment. Please refer to public comment 251 [section 504(B)].

8) List any Public Comments or Second Revisions, in your opinion, that needs to be referred to another TC for information or correlation:

9) List any Public Comments or Second Revisions that should be referred to the Toxicity Advisory Committee:

10) List all Public Comments and Second Revisions related to combustibles in plenums or other air handling spaces:

11) Identify any issues that should be brought to the attention of the NFPA Research Foundation for their input and assistance:

12) List any general requests for information or assistance from the NEC Correlating Committee:

13) Provide any additional information that you feel would be helpful to the NEC Correlating Committee, staff, or to the process in general:
How does automatic updating of NFPA standards affect extracted material in the NEC?

Panel 14 members in attendance:

Robert A. Jones	Independent Electrical Contractors, Inc.
Harold G. Alexander	Electric Light & Power Group/EEI
Donald W. Ankele	UL LLC
Marc J. Bernsen	National Electrical Contractors Association
Steven J. Blais	National Electrical Manufacturers Association
Mark Goodman	American Petroleum Institute
Haywood Kines	International Association of Electrical Inspectors
William G. Lawrence, Jr.	FM Global
L. Evans Massey	Instrumentation, Systems, & Automation Society
William E. McBride	Institute of Electrical & Electronics Engineers, Inc.
Jeremy Neagle	US Bureau of Alcohol, Tobacco, Firearms & Explosives
Ryan Parks	Intertek Testing Services
John L. Simmons	International Brotherhood of Electrical Workers
David B. Wechsler	American Chemistry Council
Mark C. Wirfs	Grain Elevator and Processing Society
Dave Burns	American Petroleum Institute
Larry Burns	Independent Electrical Contractors, Inc.
Thomas E. Dunne	International Brotherhood of Electrical Workers
Mitch Feininger	International Association of Electrical Inspectors
Andrew Hernandez	Institute of Electrical & Electronics Engineers, Inc.
Richard A. Holub	American Chemistry Council
Edmund R. Leubner	National Electrical Manufacturers Association
Arkady Levi	Electric Light & Power Group/EEI
Eddie Ramirez	FM Global
Michael Aaron	TC on Airport Facilities JENSON HUGHES
Timothy J. Pope	Canadian Standards Association

Guests in attendance:

Jeff Burris	Steel Tube Institute of North America
Elaine Thompson	Allied Tube
Christel Hunter	General Cable
Steve Trapp	Christenson Electrical
Tim Waters	General Cable
Richard Loyd	Steel Tube Institute of North America
Jeff Shapiro	International Codes Consultant
Eric Smith	International Institute of Ammonia Fefer.
Richard Barker	General Cable
Bryan Holland	NEMA
Dave Watson	Southwire
John Masarick	IEC
Patty Barron	Safety Quick Lighting & Fans

David Campbell	Aluminum Associaton
Amy Cronin	Strategic Code Consultants, LLC
Lemuel Jackson	STI
Michael Fontaine	NESG
David Clements	IAEI
Ken Hengst	IEC
Mark Cloutier	NFPA
Bill Burke	NFPA

Staff Liaisons

Derek Vigstol	NFPA
Gil Moniz	NFPA

Chairman's Report for NEC CMP- 15

- 1) NEC SD Meeting: November 5, 2015, Sheraton San Diego Hotel and Marina, San Diego, CA
- 2) A list of members and guests in attendance is attached
- 3) List names of guests addressing the Panel, the subject of their address, and the length of time they spoke: None
- 4) Number of Public Comments acted upon: 48
- 5) Number of Second Revisions created: 26
- 6) List any Task Groups appointed to work subsequent to the Second Draft Meeting, along with the names of members of the Task Group(s): None
- 7) List any request contained in a Responses or Statement that require NEC Correlating Committee attention: None
- 8) List any Public Comments or Second Revisions, in your opinion, that needs to be referred to another TC for information or correlation: None

9) List any Public Comments or Second Revisions that should be referred to the Toxicity Advisory Committee: None

10) List all Public Comments and Second Revisions related to combustibles in plenums or other air handling spaces: None

11) Identify any issues that should be brought to the attention of the NFPA Research Foundation for their input and assistance: None

12) List any general requests for information or assistance from the NEC Correlating Committee: None

13) Provide any additional information that you feel would be helpful to the NEC Correlating Committee, staff, or to the process in general: CMP-15 needs help on understanding the extract policy.

Panel 15 members in attendance:

Matthew B. Dozier	Institute of Electrical & Electronics Engineers, Inc.
Kenneth J. Gilbert	Electric Light & Power Group/EEI
Mitchell K. Hefter	Illuminating Engineering Society of North America
Kim Jones	Outdoor Amusement Business Association, Inc.
Edwin S. Kramer	International Alliance of Theatrical Stage
Gary J. Krupa	US Department of Veterans Affairs
Stephen M. Lipster	International Brotherhood of Electrical Workers
Kevin T. Porter	The Aluminum Association, Inc.
Brian E. Rock	National Electrical Manufacturers Association
James C. Seabury, III	Independent Electrical Contractors, Inc.
Bruce D. Shelly	National Electrical Contractors Association
Michael D. Skinner	Alliance of Motion Picture and Television Producers
Donald Talka	UL LLC
Kenneth E. Vannice	US Institute for Theatre Technology, Inc.
Gary A. Beckstrand	International Brotherhood of Electrical Workers
David M. Campbell	The Aluminum Association, Inc.
Carmon A. Colvin	Independent Electrical Contractors, Inc.
Samuel B. Friedman	National Electrical Manufacturers Association
Jay Y. Kogoma	Intertek Testing Services
Douglas Rheinheimer	Alliance of Motion Picture and Television Producers
Alan M. Rowe	International Alliance of Theatrical Stage Employees
Clinton Bret Stoddard	International Association of Electrical Inspectors
Duane Wilson	Illuminating Engineering Society of North America

Guests in attendance:

James T. Dollard, Jr.	IBEW
Jay Burris	Steel Tube Institute
Ray Horner	Steel Tube Institute
Rich Paredes	IBEW
Bryan Holland	NEMA
Lemuel Jackson	NEMA
Thomas	Siemens
Mike Johnston	NECA
Wesley Wheeler	NECA
Paul Dobrowsky	Innovative Technology Services
Bob Fahey	Allied Tube
David Clements	IAEI
Randy Hunter	Bussmann
Brian O'Connor	NFPA
Janna Shapiro	NFPA
Tim McClintock	NFPA
Sonia Barbosa	NFPA
Ed Conlin	NFPA
Gil Moniz	NFPA

NEC CMP 16 Chairman's Report

- 1) Date(s) and location of meeting: **Nov. 11- 13, 2015 San Diego, Ca.**
- 2) A List of members and guests in attendance is attached.
- 3) List names of guests addressing the Panel, the subject of their address, and the length of time they spoke:

Name	Organization	Subject	Time
Stanley Kaufman Speaking for Terry Peters	SPI	POE Cables and NEC 840.160	20 Minutes
Randy Ivans	UL	Fact Finding Investigation on LP Cables PC 1441	25 Minutes
Chris Dimimco	MD Communications	Conductor Ampacity 4 – Pair Communications Cable PC 1441	24 Minutes
Robert Jensen	dbi- Telecommunicstion Infrastructure Design	PC 1441	16 Minutes
Dan Kennefick	Daikin America, Inc.	PC 1441	6 Minutes
Roy Kusuma	General Cable Corp.	Section 840.160 PC 1640	3 Minutes

- 4) Number of Public Comments acted upon: **140**
- 5) Number of Second_Revisions created: **54**

6) List any Task Groups appointed to work subsequent to the Second Draft Meeting, along with the names of members of the Task Group(s):

TG 1 Global PCs	TG 2 Article 770 PCs	TG 3 Article 800 PCs	TG 4 Articles 810 & 820 PCs	TG 5 Article 830 PCs	TG 6 Article 840 PCs	SD Final Report TG
Jim Brunssen Chair	William McCoy Chair	Harry Ohde Chair	George Bish Chair	Stanley Kaufman Chair	Terry Coleman Chair	William McCoy Chair
Harry Ohde	Timothy Cooke	Jack McNamara	Jim Brunssen	George Bish	Eric Lawrence	Jim Brunssen
Randy Ivans	Thomas Parrish	Anthony Tassone	John Kacperski	Terry Coleman	Trevor Bowmer	Harry Ohde
Larry Chan	Michael Murphy	David Schrembeck	Douglas Pirkle	Rendell Bourg	Rodger Reiswig	George Bish
Gerald Dorna	George Bish	Robert Jensen	Leo Zieman	Fred Dawson	Larry Chan	Stanley Kaufman
	Robert Jensen		Steve Johnson	Steve Johnson	Timothy Cooke	Terry Coleman
					Randy Ivans	

7) List any request contained in a Responses or Statement that require NEC Correlating Committee attention: **None**

8) List any Public Inputs or First Revisions, in your opinion, that needs to be referred to another TC for information or correlation: **None**

9) List any Public Inputs or First Revisions that should be referred to the Toxicity Advisory Committee: **None**

10) List all PCs or SRs related to combustibles in plenums or other air handling spaces: **None**

11) Identify any issues that should be brought to the attention of the NFPA Research Foundation for their input and assistance: **None**

12) List any general requests for information or assistance from the NEC Correlating Committee:

13) Provide any additional information that you feel would be helpful to the NEC Correlating Committee, staff, or to the process in general: **None**

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Panel 16 members in attendance:

Thomas E. Moore	International Association of Electrical Inspectors
George Bish	Satellite Broadcasting & Communications Association
James E. Brunssen	Alliance for Telecommunications Industry
Fred C. Dawson	American Chemistry Council
Gerald Dorna	Insulated Cable Engineers Association, Inc.
Randolph J. Ivans	UL LLC
Robert W. Jensen	Building Industry Consulting Services International
Steven C. Johnson	National Cable & Telecommunications Association
William J. McCoy	Institute of Electrical and Electronics Engineers, Inc.
Michael F. Murphy	Intertek Testing Services
Harold C. Ohde	International Brotherhood of Electrical Workers
Thomas J. Parrish	Automatic Fire Alarm Association, Inc.
W. Douglas Pirkle	National Electrical Contractors Association
Luigi G. Prezioso	Independent Electrical Contractors, Inc.
Leo Zieman	Electric Light & Power Group/EEL
Eric Lawrence	Telecommunications Industry Association
Rendell K. Bourg	Automatic Fire Alarm Association, Inc.
Trevor N. Bowmer	Alliance for Telecommunications Industry
Larry Chan	International Association of Electrical Inspectors
Terry C. Coleman	International Brotherhood of Electrical Workers
Timothy D. Cooke	National Cable & Telecommunications Association
John Kacperski	Building Industry Consulting Services International
Stanley Kaufman	Insulated Cable Engineers Association, Inc.
Rodger Reiswig	SimplexGrinnell/National Electrical Manufacturers Association
David B. Schrembeck	Independent Electrical Contractors, Inc.
Anthony Tassone	UL LLC

Guests in attendance:

Matthias Wendt	Philips Research
Chris Diminco	MC Communication
George Zimmerman	CME Consulting
Lennart ...	Philips Electronics
Joel Goergen	Cisco Systems
Roy Kusuma	General Cable Corporation
Dan Kennefick	Daikin America
Bryon Holland	NEMA
Kurt Seeliger	SBCA
Steve Hill	SBCA
Rick Foster	IES
James Dollard	IBEW
Palmer Hickman	IBEW
Vince Saporita	Eaton
Christel Hunter	General Cable

Joe Wages Jr.	IAEI
S. E. Egesdal	Egesdal Associates
Terry Ward	Leviton
T. David Mills	T. David Mills Associates, LLC
Michael W. Smith	NECA
Mitch Hefter	Philips
Mark C. Ode	UL
Richard Roux	NFPA
Gil Moniz	NFPA
Jacquelyn Doucette	NFPA
Lynn Lupo	NFPA
Ed Conlin	NFPA
Tim McClintock	NFPA
Mark Cloutier	NFPA

Staff Liaisons:

Chris Coache	NFPA
Sonia Barbosa	NFPA

NEC CMP 17 Chairman's Report

- 1) NEC SD Meeting: Task Group Meeting on November 1, 2015.
Committee Meeting November 2-3, 2015.
- 2) A list of members and guests in attendance is attached. See roster kept during meeting.
- 3) List names of guests addressing the Panel, the subject of their address, and the length of time they spoke:
Amy Cronin and Michael Fountain; Topic PC 662 & 663; Time 15 minutes.
- 4) Number of Public Comments acted upon: 53
- 5) Number of Second Revisions created: 30
- 6) List any Task Groups appointed to work subsequent to the Second Draft Meeting, along with the names of members of the Task Group(s):
Three TG's were utilized during the 2017 process. Those TG's have been maintained to begin work on the 2020 NEC cycle.
TG-1 is Chaired by Tom Blewitt. Responsible for Article 422.
TG-2 is chaired by Mike Querry. Responsible for Heating Equipment Articles.
TG-3 is chaired by Randy Hunter. Responsible for Articles 680 & 682.
- 7) List any request contained in a Responses or Statement that require NEC Correlating Committee attention:
See Panel statement on SR 4806
- 8) List any Public Comments or Second Revisions, in your opinion, that needs to be referred to another TC for information or correlation:
NA

9) List any Public Comments or Second Revisions that should be referred to the Toxicity Advisory Committee: NA

10) List all Public Comments and Second Revisions related to combustibles in plenums or other air handling spaces: NA

11) Identify any issues that should be brought to the attention of the NFPA Research Foundation for their input and assistance:
Need for Pool Bonding project remains.

12) List any general requests for information or assistance from the NEC Correlating Committee:
Recommend a correlation effort for overlapping scope and requirements between Article 682 and Articles 553 & 555. A joint TG of CMP-17 and CMP-19 would be useful.

13) Provide any additional information that you feel would be helpful to the NEC Correlating Committee, staff, or to the process in general:

CC has appointed TG to address the “listing and labeling” issue. CMP-17 acted on that issue on PC’s 1250, 1251, 1252, 1302, 1303, 1305, 1308, 1309, 1310, 1311, and 1313. That resulted in revisions in SR 4802, 4808, 4814, 4815, 4816, 4818, 4819, 4820, 4821, 4822, 4823, 4824, 4825, 4826, 4827, and 4830.

CMP-17 members realized during ballot stage the current text in 680.23 (F) (1) does not correlate with other Article 680 text for low voltage pool lights. Other locations evolved from “transformers” to “transformers and power supplies” because of current technology. This section was previously missed and could be correlated if possible.

CMP-17 members also discovered a copy/paste error in FR 4841 in 425.6.

This text is currently included in 425.6:

425.3 Branch Circuits.

(A) Branch-Circuit Requirements.

Individual branch circuits shall be permitted to supply any volt-ampere or wattage rating of fixed industrial process heating equipment for which they are rated.

(B) Branch-Circuit Sizing.

Fixed industrial process heating equipment and motors shall be considered continuous loads.

425.6 Listed Equipment.

Fixed industrial process heating equipment and motors shall be considered continuous loads.

Part II. Installation

Text in 425.6 should likely read:

425.3 Branch Circuits.

(A) Branch-Circuit Requirements. Individual branch circuits shall be permitted to supply any volt-ampere or rating of fixed ~~commercial and~~ industrial process heating equipment for which they are rated.

~~Branch circuits supplying two or more outlets for fixed commercial and industrial process heating equipment rated 15, 20, 25, or 30 amperes. Fixed infrared heating equipment shall be permitted to be supplied from a branch circuit rated not over 50 amperes.~~

(B) Branch-Circuit Sizing. Fixed ~~commercial and~~ industrial process heating equipment and motors shall be considered continuous loads.

425.6 Listed Equipment. Fixed ~~commercial and~~ industrial process heating equipment shall be listed and labeled.

~~425.7. General.~~

Panel 17 members in attendance:

Donald R. Cook	International Association of Electrical Inspectors
Thomas V. Blewitt	UL LLC
E. P. Hamilton	Association of Pool & Spa Professionals
Randal Hunter	National Electrical Manufactures Association
Rachel E. Krepps	Electric Light & Power Group/EEI
Dennis M. Querry	Independent Electrical Contractors Association
Chester Sandberg	Shell Exploration & Production, Inc.
Ronald F. Schapp	Intertek Testing Services
Kenneth M. Shell	Copper Development Association, Inc.
Peter C. Swim	Air-Conditioning, Heating, Refrigeration Institute
Peter E. Bowers	Independent Electrical Contractors, Inc.
Randy Yasenchak	International Brotherhood of Electrical Workers
Paul Abernathy	Copper Development Association, Inc.
Ira "Lee" Douglas	International Association of Electrical Inspectors
Brian Myers	International Brotherhood of Electrical Workers
Wayne Morris	Association of Home Appliance Manufacturers
Gary L. Siggins	UL LLC
Kam Fai Siu	Intertek Testing Services
Andrew Trotta	US Consumer Product Safety Commission

Guests in attendance:

Amy Cronin	Strategic Code Solutions, LLC
Michael D. Fontaine	NESG/SQL
Glen Kampa	Pentair
Steve Macoy	Watkins Mfg.
Jack Lyons	NEMA
Don Iverson	NEMA
Wesley Wheeler	NECA
Paul Dobrowsky	Innovative Technology Services
Keith Lofland	IAEI
Christel Hunter	General Cable
John Masarick	IEC
Dan Gorham	NFPA
Brian O'Connor	NFPA
Lynn Lupo	NFPA
Jacquelyn Doucette	NFPA

Staff Liaison

Dan Gorham	NFPA
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Chairman's Report for NEC CMP 18

- 1) NEC Second Draft Meeting, San Diego, CA
Scheduled: November 5-7, 2015
Actual: November 5-6, 2015
- 2) List names of guests in attendance is attached.
- 3) List names of guests addressing the Panel, the subject of their address, and the length of time they spoke:
 - a. Amy Cronin, spoke for 15 minutes in support of adding a definition and other actions regarding PCs related to a new quick release technology for receptacles attaching luminaires and ceiling fans.
 - b. Michael Johnston spoke for 10 minutes in support of a PC revising the marking on automatically controlled receptacles.
 - c. Keith Lofland spoke for 5 minutes explaining the scope and purpose of a CC-appointed task group evaluating the benefits of a global change to add words related to listed and labeling.
- 4) Number of Public Comments acted upon: 63
- 5) Number of Second Revisions created: 28
- 6) There were no Task Groups appointed to work subsequent to the Second Draft Meeting.
- 7) There are no requests for that require NEC Correlating Committee attention.
- 8) There are no comments or SRs that should to be referred to another panel for information or correlation
- 9) There are no Comments or SRs that should be referred to the Toxicity Advisory Committee.
- 10) List all PCs or SRs related to combustibles in plenums or other air handling spaces:
SR 5124 addresses low voltage wiring in plenums and other spaces.

11) There are no new issues or requests for the NFPA Research Foundation at this time.

12) The panel has no requests for information or assistance from the NEC Correlating Committee at this time.

13) Provide any additional information that you feel would be helpful to the NEC Correlating Committee, staff, or to the process in general:

CMP 18 was made aware that the CC had assigned a task group to review and recommend global actions related to adding the words “and labeled” wherever “listed” is used. The panel took a straw poll to determine the opinion of the panel on this issue. The informal vote was overwhelmingly in favor of the action, with only one negative opinion. This information can be passed to the task group. Additionally, CMP 18 recommends that if the direction from the task group is to make the global change, a change must be made to the definitions of both terms, including associated informational notes.

Panel 18 Members in attendance:

Bobby Gray	National Electrical Contractors Association
Frederick Carpenter	National Electrical Manufacturers Association
Kurt Clemente	Institute of Electrical & Electronics Engineers, Inc.
Paul Costello	International Brotherhood of Electrical Workers
Hakim Hasan	Intertek
Jack Jamison	International Association of Electrical Inspectors
Charles Kurten	UL LLC
Michael O'Boyle	American Lighting Association
Wesley Wilkens	International Sign Association
Randall Wright	RKW Consulting
Donald Berlin	American Lighting Association
Steve Campolo	National Electrical Manufacturers Association
Joseph Chandler	Independent Electrical Contractors, Inc.
Richard Hollander	International Association of Electrical Inspectors
Paul Yesbeck	National Electrical Contractors Association

Guests in Attendance

Michael D. Fontaine	NESG/SQL
Amy Cronin	Strategic Code Solutions for Safety, LLC
Don Iverson	NEMA
Keith Lofland	IAEI
Jack Lyons	NEMA
Kevin Lippert	Eaton
Mike Johnston	NECA
James T. Dollard, Jr.	IBEW
John Masarick	IEC
Paul Dobrowsky	Inn
David Clements	IAEI
Brian E. Rock	Hubbell Incorporated
Stan Folz	Morse Electric
Patty Barron	SQL
Mark C. Ode	UL
Lynn Lupo	NFPA
Jacquelyn Doucette	NFPA

Staff Liaison

Kim Shea	NFPA
Dan Gorham	NFPA

NEC CMP – 19 Chairman’s Report - Second Draft Meeting

- 1) Date(s) and location of meeting:
Code Making Panel 19 met Monday and Tuesday,
November 2 & 3, 2015 at the Sheraton Harbor Hotel
in San Diego, CA.

- 2) List of members and guests in attendance is attached.

- 3) List names of guests addressing the Panel, the subject of their address, and
the length of time they spoke:
There were no guests that had requested to speak to the Panel.

- 4) Number of Public Inputs acted upon:
We acted on 31 Public Comments.

- 5) Number of Second Revisions created:
As a result of the meeting there were 14 Second
Revisions created.

- 6) List any Task Groups appointed to work subsequent to the Second Draft
Meeting, along with the names of members of the Task Group(s):
There were no Task Groups appointed for work after the Second Draft
meeting.

- 7) List any request contained in a Responses or Statement that require NEC
Correlating Committee attention:
There are no requests to be submitted to the NEC Correlating Committee for
consideration at this time.

8) List any Public Inputs or First Revisions, in your opinion, that needs to be referred to another TC for information or correlation:

There are no PI's to be referred.

9) List any Public Comments or Second Revisions that should be referred to the Toxicity Advisory Committee:

There are no PCs or SRs to be referred.

10) List all PCs or SRs related to combustibles in plenums or other air handling spaces:

There are no comments or actions in this regard.

11) Identify any issues that should be brought to the attention of the NFPA Research Foundation for their input and assistance:

There are no issues to be referred to the Research Foundation.

12) List any general requests for information or assistance from the NEC Correlating Committee:

There are no requests at this time.

13) Provide any additional information that you feel would be helpful to the NEC Correlating Committee, staff, or to the process in general:

There are no issues to present information on with regard to CMP-19's actions at this time. The Code Making Panel has attempted to address all concerns referred to the Panel from the First Revision Meeting.

Panel 19 members in attendance:

Ron B. Chilton	International Association of Electrical Inspectors
Aisha Bajwa	The Aluminum Association, Inc.
Barry S. Bauman	American Society of Agricultural & Biological Engineers
Wade Elliott	National Association of RV Parks and Campgrounds
John P. Goodsell	National Electrical Manufacturers Association
Ryan Hyer	Testing Engineers International
David W. Johnson	Independent Electrical Contractors, Inc.
Thomas R. Lichtenstein	UL LLC
Doug Mulvaney	Kampgrounds of America
Darrell M. Sumbera	Electric Light & Power Group/EEI
Michael L. Ziemann	Manufactured Housing Institute
Donald W. Zipse	Institute of Electrical & Electronics Engineers, INC.
Richard Paredes	International Brotherhood of Electrical Workers
William Bruce Bowman	Independent Electrical Contractors, Inc.
Robert Fick	American Society of Agricultural & Biological Engineers
Dean C. Hunter	International Association of Electrical Inspectors
Kent Perkins	Recreation Vehicle Industry Association
Thomas L. Pottschmidt	Electric Light & Power Group/EEI
Stephen G. Rood	National Electrical Manufacturers Association

Guests in attendance:

Gerald Dix	IBEW	
Paul Reis	AFC Cable	
Thomas Papallo	Siemens	
Don Iverson	NEMA	
Palmer Hickman	IBEW	
Wesley Wheeler	NECA	
Keith Lofland	IAEI	
John Masarick	IEC	
Kevin Lippert	EATON	
Michael Smith	NECA	

Gil Moniz	NFPA
Jacquelyn Doucette	NFPA
Mark Cloutier	NFPA
Sonia Barbosa	NFPA
Ed Conlin	NFPA
Lynn Lupo	NFPA

Staff Liaison

Richard Roux	NFPA
Chris Farrell	NFPA