

**Standards Council Meeting
Final Minutes
Boston Marriott Quincy
1000 Marriott Drive
Quincy, MA 02169
(617) 472-1000
August 5-7, 2019**

Members Present:

Kerry M. Bell, Chair
Chad Beebe
Kenneth E. Bush
Jeffrey Foisel
Patricia Gleason
James E. Golinveaux
Michael J. Johnston

Gary S. Keith (August 6-7, 2019)
Daniel O'Connor
Jack Poole
James R. Quiter
Rodger Reiswig
Kenneth Richards

Also in attendance:

Dawn Michele Bellis, Secretary, Standards Council
Christian Dubay, Vice President, Codes and Standards and Chief Engineer
Delisa Fleming, Membership Coordinator
Linda Fuller, Recording Secretary, Standards Council
Suzanne Gallagher, Associate General Counsel
Guy Colonna, Senior Director, Technical Services

19-8-1	The Council voted to issue NFPA 25, <i>Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems</i> , with one amendment, in accordance with actions taken at the NFPA Technical Meeting and subsequent balloting of the responsible Committee. No appeals were filed on this document. Issuance date August 5, 2019 and effective date August 25, 2019. See actions as indicated in Minute Item 19-8-1-a.
19-8-1-a	CAM 25-4: Accept an Identifiable Part of Public Comment No. 40. This motion (CAM 25-4) passed on the floor of the NFPA Technical Meeting and passed ballot of the responsible Committee. The Council voted to issue the amendment.
19-8-1-b	CAM 25-5: Accept Public Comment No. 60. This motion (CAM 25-5) passed on the floor of the NFPA Technical Meeting but failed ballot of the responsible Committee. The Council voted to issue the 2020 edition of NFPA 25 without this amendment.
19-8-2	The Council voted to issue NFPA 58, <i>Liquefied Petroleum Gas Code</i> , with no amendments, in accordance with actions taken at the NFPA Technical Meeting and subsequent balloting of the responsible Committee. No appeals were filed on this document. Issuance date August 5, 2019 and effective date August 25, 2019.
19-8-2-a	CAM 58-1: Reject Second Revision No. 69. This Motion (CAM 58-1) passed on the floor of the NFPA Technical Meeting but failed ballot of the responsible Committee. The Council voted to issue the 2020 edition of NFPA 58 without this amendment.
19-8-3	The Council voted to issue NFPA 70 [®] , <i>National Electrical Code</i> [®] , with two amendments, in accordance with actions taken at the NFPA Technical Meeting and subsequent balloting of the responsible Committees. Issuance date August 5, 2019 and effective date August 25, 2019. See

	<p>actions as indicated in Minute Items 19-8-3-j, 19-8-3-dd, 19-8-21-d, 19-8-22, 19-8-23, 19-8-24 and 19-8-26.</p> <p>Council Member Chad Beebe abstained from the vote on the issuance of NFPA 70.</p>
19-8-3-b	<p>D#19-3: At its meeting of August 5-7, 2019, the Standards Council considered an appeal from Daniel Mikat of Toyota Motor North America (on behalf of 23 Automotive Manufacturers, the Automotive Alliance, Global Automakers and SAE International). The appeal requests that the Standards Council overturn the Association Action and Reject an Identifiable Part of Second Revision No. 7776, including any Related Portions of First Revision No. 8385 for the 2020 Edition of NFPA 70[®], <i>National Electrical Code</i>[®] (<i>NEC</i>[®]). Specifically, the appeal requests to amend the text of Section 625.1 as recommended by Code-Making Panel 12 (CMP 12).</p> <p>As background, CMP 12 and the Correlating Committee supported Second Revision No. 7776 through ballot. A Notice of Intent to Make a Motion (NITMAM) to Reject an Identifiable Part of Second Revision No. 7776 and any Related Portions of First Revision No. 8385 was filed by Mr. Mikat and was certified by the Motions Committee, then presented on the floor at the NFPA Technical Meeting as CAM 70-2. CAM 70-2 failed on the floor of the NFPA Technical Meeting. Mr. Mikat filed an appeal with the Council based upon the unsuccessful result of CAM 70-2.</p> <p>The text subject to the appeal in CAM 70-2 did not gain sufficient support within the standards development process for inclusion in the 2020 Edition of NFPA 70, <i>National Electrical Code</i>. The appeal requests that the Council overturn the results yielded by the standards development process. On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated.</p> <p>The Council has reviewed the entire record concerning this matter and has considered all the arguments put forth in this appeal. In the view of the Council, this appeal does not present any clear and substantial basis upon which to overturn the results yielded by the NFPA standards development process. Accordingly, the Council has voted to deny the appeal. The effect of this action is that Second Revision No. 7776 will be included in the 2020 Edition of NFPA 70, <i>National Electrical Code</i>.</p> <p>Council notes that during the Technical Meeting debate on CAM 70-2, a suggestion to form a joint working group between the Society of Automotive Engineers (SAE), other automotive interests, and <i>NEC</i>[®] members was put forth. In the interest of collaboration and resolving the issues of cross-over technologies between the automotive and electrical industries, the Council encourages the establishment of a balanced Task Group, facilitated by NFPA Staff, with a goal of developing and submitting a TIA for the 2020 Edition of NFPA 70 or Public Inputs to the next revision cycle.</p> <p>Council Members Kerry Bell and Michael Johnston recused themselves from the deliberations and vote on this appeal.</p>
19-8-3-c	<p>D#19-4: At its meeting of August 5-7, 2019, the Standards Council considered an appeal from David Liu of American Honda Motor, Company, Inc. (on behalf of 23 Automotive Manufacturers, the Automotive Alliance, Global Automakers and SAE International). The appeal requests that the Standards Council overturn the Association Action and Accept Public Comment No. 1482; overturn the Association Action and Reject Second Revision No. 7783, including any Related Portions of First Revision No. 8597; and to Accept an Identifiable Part of Public Comment No. 1480. Specifically, the appeal requests to delete Section 625.60,</p>

delete the definition of “Electric Vehicle Power Export Equipment (EVPE)” from Section 625.2, and delete the final sentence of the requirements in Section 625.48.

As background, Notices of Intent to File a Motion (NITMAM) to accept Public Comment No. 1482, to Reject Second Revision No. 7783 including any Related Portions of First Revision No. 8597, and to Accept an Identifiable Part of Public Comment No. 1480 were filed by Nancy Stone of American Honda Motors (on behalf of 23 Automotive Manufacturers, the Automotive Alliance, Global Automakers, and SAE International) and certified by the Motions Committee as CAM 70-3, 70-37, and 70-40 respectively. CAMs 70-3 and 70-37 were presented to the floor at the NFPA Technical Meeting, with each failing to gain sufficient support of the floor. CAM 70-40 was not pursued at the Technical Meeting. Mr. Liu filed an appeal with the Council based upon the unsuccessful results at Technical Meeting.

The text subject to the appeal did not gain sufficient support within the standards development process for inclusion in the 2020 edition of NFPA 70®, *National Electrical Code*®. The appeal requests the Council to overturn the results yielded by the standards development process. On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated.

The Council has reviewed the entire record concerning this matter and has considered all the arguments put forth in this appeal. In the view of the Council, this appeal does not present any clear and substantial basis upon which to overturn the results yielded by the NFPA standards development process. Accordingly, the Council has voted to deny the appeal. The effect of this action is that neither Public Comment No. 1482 nor the Identifiable Part of Public Comment No. 1480 will be included in the 2020 edition of NFPA 70, *National Electrical Code*. Additionally, Second Revision No. 7783, including any Related Portions of First Revision No. 8597 will be included in the 2020 edition of NFPA 70, *National Electrical Code*.

Council notes that during the Technical Meeting debate on CAM 70-2, a suggestion to form a joint working group between the Society of Automotive Engineers (SAE), other automotive interests, and NEC members was put forth. In the interest of collaboration and resolving the issues of cross-over technologies between the automotive and electrical industries, the Council encourages the establishment of a balanced Task Group, facilitated by NFPA Staff, with a goal of developing and submitting a TIA for the 2020 edition of NFPA 70 or Public Inputs to the next revision cycle.

Council Members Kerry Bell and Michael Johnston recused themselves from the deliberations and vote on the appeal.

19-8-3-d

D#19-11: At its meeting of August 5-7, 2019, the Standards Council considered appeals from Christel Hunter of Cerro Wire and Howard Herndon of PEARL. The appeals request that the Standards Council overturn the Association Actions on seventeen Certified Amending Motions (CAMs) for the 2020 Edition of NFPA 70®, *National Electrical Code*® (*NEC*®). Specifically, the appeal requests that the actions of numerous Code-Making Panels (CMPs) recommending text related to the reconditioning of electrical equipment be overturned.

As background, there were a number of Public Inputs (PI) related to the topic of reconditioned equipment, including Public Input No. 2935, which introduced a proposed

revision in Article 110 (“requirements for electrical installations”) related to listing and approval of reconditioned equipment as a way to determine “compliance with the related safety standard”. The Correlating Committee considered PI No. 2935 to have global impact across all CMPs,¹ and submitted Public Comment No. 979, which directed all CMPs to “determine whether reconditioning should be permitted.” The CMPs reviewed the Correlating Committee’s Public Comment No. 979, and created approximately sixteen Second Revisions to prohibit the reconditioning of certain equipment (namely, Second Revision Nos. 8072, 7657, 7974, 8048, 8187, 8189, 8172, 8162, 8164, 8222, 7522, 7584, 7586, 7588, 7517, and 7509). Multiple Notices of Intent to Make a Motion (NITMAMs) were filed by Hunter and Herndon and were certified by the Motions Committee as Certified Amending Motions (CAM) 70-4, 70-12, 70-13, 70-15, 70-16, 70-27, 70-28, 70-30, 70-31, 70-32, 70-33, 70-41, 70-42, 70-43, 70-44, 70-47, and 70-50 respectively. Fifteen of the seventeen CAMs were presented and failed on the floor of the NFPA Technical Meeting; CAMs 70-31 and 70-32 were not pursued at the Technical Meeting. Ms. Hunter and Mr. Herndon respectively filed appeals with the Council based upon the unsuccessful results of the CAMs at issue.

The text subject to these appeals did not gain sufficient support within the standards development process to overturn the Second Revisions recommended by the responsible CMPs and exclude the text from the 2020 Edition of NFPA 70, *National Electrical Code*. The appeals request that the Council overturn the results yielded by the standards development process. In support of the appeals filed by Mr. Herndon and Ms. Hunter, they assert that prohibiting the reconditioning of certain equipment was a concept that was introduced for the first time during the Second Draft Report, and therefore should be considered “new material”.

The *Regulations Governing the Development of NFPA Standards (the “Regs”)* give the responsible technical committee the authority to determine when a Public Comment (PC) should be held for processing because it is either new material or has not had adequate public review (Section 4.4.8.3). Generally speaking, the *Regs* anticipate that a PC has sufficient public review if it is included in a related PI or First Revision as shown in the First Draft, but discretion is left with the technical committee to consider “any relevant factors including but not limited to the extent to which the PC proposes a change that is new or substantial, the complexity of the issues raised, and whether sufficient debate and public review has taken place.” (Section 4.4.8.3.2). The technical committee, with its expertise and balance of interests, is well-positioned to review and consider these factors.

In the Council’s view, the record reflects that various PIs were proposed around the topic of reconditioned equipment related to safety concerns and ability to comply with safety standards. By way of example, PI No. 2935 sought to introduce a listing requirement for reconditioned equipment as a way to determine “compliance” with safety standards; Mr. Herndon made a presentation to CMP 1 at the First Draft meeting regarding including references to PEARL Electrical Equipment Reconditioning Standard, which relates to how and when electrical equipment can be returned to safe operating conditions; and the Correlating Committee, in its review of the First Revisions, formed a Task Group to determine whether reconditioning should be permitted (the result of which was Global PC No. 979). Given the breadth of these examples alone, the Council finds it reasonable that

¹ In the committee statement of PC 979, the Correlating Committee stated that it created Global Public Comment 979 because PI 2935 “has ramifications that are global in nature and impacts all products referenced in the *NEC*[®] under the purview of every CMP.”

several CMPs created Second Revisions on the topic of what, and whether electrical equipment should be reconditioned based upon discussions, presentations and PIs from the First Draft meeting.

On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated. The Council has reviewed the entire record concerning this matter and has considered all the arguments put forth in these appeals. In the view of the Council, these appeals do not present any clear and substantial basis upon which to overturn the results yielded by the NFPA standards development process. Accordingly, the Council has voted to deny the appeals. The effect of this action is that the text of Second Revision Nos. 8072, 7657, 7974, 8048, 8187, 8189, 8172, 8162, 8164, 8222, 7522, 7584, 7586, 7588, 7517, and 7509, as recommended by the responsible CMPs, will be included in the 2020 Edition of NFPA 70, *National Electrical Code*.

Council acknowledges that the topic of reconditioned equipment has been discussed over several revision cycles, and given the breadth of the topic, finds that the subject warrants further discussion with affected stakeholders, including the reconditioning industry. For that reason, Council directs NFPA staff to establish a balanced Task Group of the interested parties to determine whether Tentative Interim Amendments (TIA) or Public Inputs for the 2023 Edition of NFPA 70 need to be developed. The Task Group shall minimally include: members of the reconditioning industry, members of CMPs, a member of the *NEC* Correlating Committee, and industry representatives of facility owners. A report of progress by the Task Group is to be provided to the Council by March 15, 2020. As the work of the Task Group progresses, the Council additionally encourages the reconditioning industry as well as all interested stakeholders to continue to participate in the NFPA standards development process.

Council Members Kerry Bell, Chad Beebe and Michael Johnston recused themselves from the deliberations and vote on the appeal.

19-8-3-e

D#19-5: At its meeting of August 5-7, 2019, the Standards Council considered an appeal from Thomas Bishop of EASA. The appeal requests that the Standards Council overturn the Association Action and Reject an Identifiable Part of Second Correlating Revision No. 71 for the 2020 Edition of NFPA 70®, *National Electrical Code*®. Specifically, the appeal requests the removal of new text recommended in Section 110.21(A)(2).

As background, the NEC Correlating Committee (CC) supported Second Correlating Revision No. 71 through ballot. Mr. Bishop filed a Notice of Intent to File a Motion (NITMAM) which was certified by the Motions Committee, then presented to the floor at the NFPA Technical Meeting as CAM 70-5. CAM 70-5 failed to achieve the necessary support of a simple majority of votes on the floor of the NFPA Technical Meeting.

The text subject to the appeal did not gain sufficient support within the standards development process for inclusion in the 2020 edition of NFPA 70, *National Electrical Code*. The appeal requests that the Council overturn the results yielded by the standards development process. On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated.

	<p>The Council has reviewed the entire record concerning this matter and has considered all the arguments put forth in this appeal. In the view of the Council, this appeal does not present any clear and substantial basis upon which to overturn the results yielded by the NFPA standards development process. Accordingly, the Council has voted to deny the appeal. The effect of this action is that Second Correlating Revision No. 71 will be included in the 2020 edition of NFPA 70, <i>National Electrical Code</i>.</p> <p>Council Members Kerry Bell and Michael Johnston recused themselves from the deliberations and vote on the appeal.</p>
19-8-3-f	<p>D#19-14: At its meeting of August 5-7, 2019, the Standards Council considered an appeal from Richard Holub of DuPont Manufacturing Infrastructure Group. The appeal requests that the Standards Council overturn the Association Action and Reject an Identifiable Part of Second Revision No. 8104 for the 2020 Edition of NFPA 70®, <i>National Electrical Code</i>®. Specifically, the appeal requests to delete the text “open equipment doors shall not impede the entry to or egress from the working space” in Section 110.26(C)(2).</p> <p>As background, Code-Making Panel 1 (CMP 1) supported Second Revision No. 8104 through ballot. Mr. Holub filed a Notice of Intent to File a Motion (NITMAM) to Reject an Identifiable Part of Second Revision No. 8104 which was certified by the Motions Committee, then presented to the floor at the NFPA Technical Meeting as CAM 70-7. CAM 70-7 failed on the floor of the NFPA Technical Meeting.</p> <p>The text subject to the appeal did not gain sufficient support within the standards development process to be deleted from the text recommended for inclusion in the 2020 Edition of NFPA 70, <i>National Electrical Code</i>. The appeal requests that the Council overturn the results yielded by the standards develop process. On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated.</p> <p>The Council has reviewed the entire record concerning this matter and has considered all the arguments put forth in this appeal. In the view of the Council, this appeal does not present any clear and substantial basis upon which to overturn the results yielded by the NFPA standards development process. Accordingly, the Council has voted to deny the appeal. The effect of this action is that Second Revision No. 8104 will be included in the 2020 Edition of NFPA 70, <i>National Electrical Code</i>.</p> <p>Council Members Jeff Foisel and Michael Johnston recused themselves from the deliberations and vote on the appeal.</p>
19-8-3-g	CAM 70-11: Accept an Identifiable Part of Public Comment No. 1381. This motion (CAM 70-11) passed on the floor of the NFPA Technical Meeting but failed ballot of the responsible Committees. The Council voted to issue the 2020 edition of NFPA 70 without this amendment.
19-8-3-h	See 19-8-3-d for Decision #19-11
19-8-3-i	See 19-8-3-d for Decision #19-11
19-8-3-j	CAM 70-14: Reject Second Revision No. 8074. This motion (CAM 70-14) passed on the floor of the NFPA Technical Meeting, recommending previous edition text and did not require a ballot of the responsible Committees per Table 1 of the <i>Regs</i> . The Council voted to issue the amendment.
19-8-3-k	See 19-8-3-d for Decision #19-11
19-8-3-l	See 19-8-3-d for Decision #19-11

19-8-3-m	CAM 70-22: Accept an Identifiable Part of Public Comment No. 1406. This Motion (CAM 70-22) passed on the floor of the NFPA Technical Meeting but failed ballot of the responsible Committees. The Council voted to issue the 2020 edition of NFPA 70 without this amendment.
19-8-3-m-1	<p>D#19-6: At its meeting of August 5-7, 2019, the Standards Council considered an appeal from Christel Hunter of Cerro Wire. The appeal requests that the Standards Council return text to second draft text rather than to previous edition text. Specifically, the appeal requests the text of Section 310.3(B) be restored as recommended in the Second Draft Report for the 2020 edition of NFPA 70®, <i>National Electrical Code</i>®.</p> <p>As background, Code-Making Panel 6 (CMP 6) Rejected Public Comment No. 1406. Notices of Intent to File a Motion (NITMAM) to Accept an Identifiable Part of Public Comment No. 1406 were filed by Christel Hunter and Peter Graser (the submitter of the Public Comment). The NITMAMs were certified by the Motions Committee as a single motion, then presented to the floor at the NFPA Technical Meeting as CAM 70-22. CAM 70-22 passed the floor of the NFPA Technical Meeting. The amendment ballot failed to achieve the necessary 2/3 affirmative vote of CMP 6 necessary to recommend approval of the Association Action. The amendment ballot did, however, achieve the necessary 2/3 affirmative vote of the Correlating Committee. Although multiple appeals were filed with the Standards Council regarding CAM 70-22, each appeal is being addressed in a distinct decision as the actions sought are dissimilar. This decision addresses the specific relief sought by Ms. Hunter; the decision for Mr. Graser’s appeal is identified at Decision #19-23.</p> <p>On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated.</p> <p>The Council has reviewed the entire record concerning this matter and has considered all the arguments put forth in these appeals. In the view of the Council, this appeal does not present any clear and substantial basis upon which to overturn the results yielded by the NFPA standards development process. Accordingly, the Council has voted to deny the appeal. The effect of this action is that Section 310.3(B) will be returned to previous edition text in the 2020 edition of NFPA 70, <i>National Electrical Code</i>.</p> <p>Council Members Kerry Bell and Michael Johnston recused themselves from the deliberations and vote on the appeal.</p>
19-8-3-m-2	<p>D#19-23: At its meeting of August 5-7, 2019, the Standards Council considered an appeal from Peter Graser of COPPERWELD Building Wire. The appeal requests that the Standards Council overturn Code-Making Panel 6 (CMP 6) amendment ballot results on CAM 70-22 and Accept an Identifiable Part of Public Comment No. 1406 for the 2020 edition of NFPA 70®, <i>National Electrical Code</i>®. Specifically, the appeal requests the addition of text to require that copper-clad aluminum conductors be listed.</p> <p>As background, Code-Making Panel 6 (CMP 6) rejected Public Comment No. 1406. Notices of Intent to File a Motion (NITMAM) to Accept an Identifiable Part of Public Comment No. 1406 were filed by Peter Graser and Christel Hunter. The NITMAMs were certified by the Motions Committee as a single motion, then presented to the floor at the NFPA Technical Meeting as CAM 70-22. CAM 70-22 passed the floor of the NFPA Technical Meeting. The amendment ballot failed to achieve the necessary 2/3 affirmative vote of CMP 6 necessary to recommend approval of the Association Action. The amendment ballot did, however, achieve the necessary 2/3 affirmative vote of the Correlating Committee. Although multiple appeals</p>

were filed with the Standards Council regarding CAM 70-22, each appeal is being addressed in a distinct decision as the actions sought are dissimilar. This decision addresses the specific relief sought by Mr. Graser; the decision for Ms. Hunter’s appeal is identified at Decision #19-6.

On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated.

The Council has reviewed the entire record concerning this matter and has considered all the arguments put forth in these appeals. In the view of the Council, this appeal does not present any clear and substantial basis upon which to overturn the results yielded by the NFPA standards development process. Accordingly, the Council has voted to deny the appeal. The effect of this action is that Section 310.3(B) will be returned to previous edition text in the 2020 edition of NFPA 70, *National Electrical Code*.

In a related Decision #19-2 on a separate appeal from Mr. Graser, Council directed the formation of a bimetal task group of balanced interests, and the Council directs that task group to also review and determine any appropriate recommendations related to listing requirements bimetal conductors.

As this work progresses, the Council encourages the bimetal industry to continue to participate in the NFPA standards development process.

Council Members Kerry Bell and Michael Johnston recused themselves from the deliberations and vote on the appeal.

19-8-3-n

D#19-2: At its meeting of August 5-7, 2019, the Standards Council considered an appeal from Peter Graser of COPPERWELD Building Wire. The appeal requests that the Standards Council overturn the Association Action and Accept an Identifiable Part of Public Comment No. 1382, for the 2020 Edition of NFPA 70®, *National Electrical Code*®. Specifically, the appeal requests the establishment of ampacities in Tables 310.16 and 310.17 for 14 AWG copper-clad aluminum conductors.

As background, Code-Making Panel 6 rejected Public Comment No. 1382. A Notice of Intent to Make a Motion (NITMAM) to Accept an Identifiable Part of Public Comment No. 1382 was certified by the Motions Committee, then presented on the floor of the NFPA Technical Meeting as CAM 70-24. CAM 70-24 failed on the floor of the NFPA Technical Meeting. Mr. Graser filed an appeal with the Council based upon the unsuccessful result of CAM 70-24.

The text subject to the appeal did not gain sufficient support within the standards development process for inclusion in the 2020 edition of NFPA 70, *National Electrical Code (NEC)*®. The appeal requests the Council overturn the results yielded by the standards development process. On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated.

The Council has reviewed the entire record concerning this matter and has considered all the arguments put forth in this appeal. In the view of the Council, this appeal does not present any clear and substantial basis upon which to overturn the results yielded by the NFPA standards development process. Accordingly, the Council has voted to deny the appeal. The effect of

	<p>this action is that the Identifiable Part of Public Comment No. 1382 will not be included in NFPA 70, <i>National Electrical Code</i>.</p> <p>Given that multiple CMPs have scopes relating to the proposed inclusion of 14 AWG copper-clad aluminum conductors in the <i>NEC</i>®, the Council directs NFPA staff to establish a bimetal task group of balanced interests to review the proposed changes to the 2020 edition of the <i>NEC</i>® that relate to copper-clad aluminum conductors and recommend changes through a tentative interim amendment and/or provide public inputs for the next revision cycle.</p> <p>Council Members Kerry Bell and Michael Johnston recused themselves from the deliberations and vote on this appeal.</p>
19-8-3-o	See 19-8-3-d for Decision #19-11
19-8-3-p	See 19-8-3-d for Decision #19-11
19-8-3-q	See 19-8-3-d for Decision #19-11
19-8-3-r	See 19-8-3-d for Decision #19-11
19-8-3-s	See 19-8-3-d for Decision #19-11
19-8-3-t	See 19-8-3-d for Decision #19-11
19-8-3-u	CAM 70-34: Reject an Identifiable Part of Second Revision No. 7979. This motion (CAM 70-34) passed on the floor of the NFPA Technical Meeting but failed ballot of the responsible Committees. The Council voted to issue the 2020 edition of NFPA 70 without this amendment.
19-8-3-v	CAM 70-36: Reject an Identifiable Part of a Second Correlating Revision No. 30. This motion (CAM 70-36) passed on the floor of the NFPA Technical Meeting but failed ballot of the responsible Committees. The Council voted to issue the 2020 edition of NFPA 70 without this amendment.
19-8-3-v-1 thru v-10 and v-12	<p>D#19-7: At its meeting of August 5-7, 2019, the Standards Council considered appeals from Wade Elliott of Utility Supply Group, Inc., Paul Bambei of National Association of RV Parks and Campgrounds (ARVC), Cynthia Zbierski of Northeast Campground Association, Steven Cross of Cross Creek Resort, Bruce Hopkins of RV Industry Association, Kristy Smith of Ohio Campground Owners Association, Michael Beckelhymer of Highway West Vacations, Doug Mulvaney of Kampgrounds of America, Roger Gingras of Sutton Falls Camping Area, Robert Miller of Small Country Campgrounds, and Joanne Mickelson of J&H RV Park. The appeals request that the Standards Council overturn the Association Action and Accept Second Correlating Revision No. 30 for the 2020 Edition of NFPA 70®, <i>National Electrical Code</i>®. Specifically, the appeal requests that the language in Section 551.71(F) regarding GFCI protection requirements of receptacles used in the recreational vehicle site equipment and informational note of clarification be restored as recommended by the Correlating Committee in the Second Draft Report.</p> <p>As background, the NEC Correlating Committee (CC) supported Second Correlating Revision No. 30 through ballot. Notices of Intent to File a Motion (NITMAM) to Reject an Identifiable Part of Second Correlating Revision No. 30 was filed by Keith Waters and Randy Dollar, and were certified by the Motions Committee as a single motion, then presented on the floor at the NFPA Technical Meeting as CAM 70-36. CAM 70-36 passed the floor of the NFPA Technical Meeting. The amendment ballot failed to achieve the necessary 2/3 affirmative vote of Code-Making Panel 7 (CMP 7) necessary to recommend approval of the Association Action. The amendment ballot did, however, achieve the necessary 2/3 affirmative vote of the CC. Multiple appeals were filed with the Standards Council following the results of the amendment balloting.</p>

On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated. The Council has reviewed the entire record concerning this matter and has considered all the arguments put forth in these appeals. In the view of the Council, these appeals do not present any clear and substantial basis upon which to overturn the results yielded by the NFPA standards development process. Accordingly, the Council has voted to deny the appeals. The effect of this action is that the 2020 Edition of NFPA 70, *National Electrical Code*, will not include the text of Second Correlating Revision No. 30 and the language of Section 551.71(F) will return to previous edition text.

The Council notes that during the appeal hearing on this matter, the CC expressed technical agreement with CMP 7's First Revision to Section 551.71(F) and did not intend for Second Correlating Revision No. 30 to change the technical effect of that First Revision text. For that reason, the Council strongly encourages interested stakeholders to develop language for submission as a Tentative Interim Amendment or Public Input (for the next revision cycle).

Council Member Michael Johnston recused himself from the deliberations and vote on the appeal.

19-8-3-v-11

D#19-22: At its meeting of August 5-7, 2019, the Standards Council considered an appeal from Fred Hartwell of Hartwell Electrical Services, Inc. The appeal seeks the Standards Council find that NFPA staff failed to follow the *Regulations Governing the Development of NFPA Standards (the "Regs")* by not presenting the proper amendment ballot on First Revision No. 8475 to Code Making Panel 7 ("CMP 7") and the Correlating Committee ("CC") after CAM 70-36 passed on the floor of the Technical Meeting. Specifically, the appeal requests that as a result of the failure to issue a proper ballot, such First Revision No. 8475 be included in the 2020 edition of the National Electrical Code.

As background, CMP 7 created First Revision No. 8475 ("FR 8475"), which established certain exemptions in Section 551.71(F) related to GFCI protection of receptacles used in recreational vehicle ("RV") site equipment. At the Second Draft meetings, the CC revised FR 8475 and created Second Correlating Revision No. 30 ("SCR 30"). In creating SCR 30, the CC kept the exemption for GFCI protection and did not substantially change the technical meaning of FR 8475. Rather, the effect of SCR 30 was to standardize GFCI "exemption" language throughout the National Electrical Code in Articles that provide exemptions for GFCI protection.

Notices of Intent to File a Motion (NITMAM) to reject an identifiable part of SCR 30 were filed by Keith Waters and Randy Dollar, and certified by the Motions Committee as a single motion, which was presented on the floor at the NFPA Technical Meeting as CAM 70-36. CAM 70-36 proposed to reject an informational note and the entire exemption for GFCI protection, which made GFCI protection a requirement for RV site equipment. CAM 70-36 passed the floor of the NFPA Technical Meeting.

Following the NFPA Technical Meeting, CMP 7 and the Correlating Committee ("CC") were balloted on the amendment proposed through CAM 70-36 for the purpose of determining whether they agreed with the action of the NFPA membership (the "Membership"). Although the amendment ballot achieved the necessary 2/3 affirmative vote of the CC, it failed to achieve the necessary 2/3 affirmative vote of CMP 7 to recommend the Association action. The Appellant asserts that CMP 7 and the CC should not have been balloted on the amendment that passed on the floor of the Technical Meeting, but instead should have been balloted on the first

revisions related to the text of the CAM based on the *Regs* Table 1 Amending Motions and Ballot Table (“Table 1”).

Table 1 needs to be read in the context of the entire NFPA Standards Development process. In this process, the Technical Meeting provides an important opportunity for the Membership to provide input on any proposed change to a code or standard. It is an opportunity for unresolved issues at the Comment Stage to be presented through Certified Amending Motions and debated by the Membership.² If the Membership agrees with a Certified Amending Motion (“CAM”), the vote signals there is not agreement with the position of the Technical Committee (or Code Making Panel) as evidenced in the Second Draft Report. When the NFPA Membership is not in agreement with the result from the Second Draft, the overarching purpose of the standards development process is to determine whether the Technical Committee can reach agreement with the recommendation proposed by the NFPA Membership.

To accomplish this, the *Regs* provide for a variety of types of CAMs, which, by their nature allow the public to express varying degrees of disagreement with the Technical Committee’s work after the Second Draft. For example, a “motion to reject an identifiable part of a second correlating revision” is a motion that is a way to express disagreement with part, but not all, of a second revision made by a correlating committee. The implication is that the maker of the motion is satisfied with some, but not all of the second correlating revision, and otherwise seeks to preserve some part of it. This is in contrast to a “motion to reject a second correlating revision and any related portions of first revisions and first correlating revisions”, which is a way to express disagreement with the second correlating revision and everything related to it. The implication is the maker of the motion completely disagrees with the Technical Committee revisions at every stage and seeks to reject any such revisions entirely.

In the instant circumstances, although CAM 70-36 was framed as a motion to reject an identifiable part of SCR No. 30, its effect was to reject the technical substance of the entire revision to Article 551.71. By supporting CAM 70-36, the Membership agreed with the wholesale rejection of the GFCI exemption created by CMP 7 and recommended that there be no exemption for GFCI protection of receptacles used in RV site equipment. When the Membership disagrees with the Technical Committee’s technical revisions at both first and second drafts, as it did substantively with CAM 70-36, the process anticipates a return to previous edition text because there is no alignment between the Membership and the Technical Committee on a change to the text of the standard. In this instance, balloting the CMP on the first revision text would have the effect of completely ignoring the recommendation from Membership to reject that very same exemption.

Council finds that treating CAM 70-36 solely as it was labeled and ignoring the purpose and effect of the recommendation from the Membership would be a matter of form over substance. Table 1 exists in the context of the entire standards development process which provides for the incorporation of input from the Membership on any proposed change to a code or standard. That purpose would be frustrated if CAM 70-36 was treated solely based on the way the motion was labeled by its maker without regard to the effect of the motion.

In reviewing the entire record before it, Council notes that CMP 7 and the CC were balloted with mixed results on the Membership’s recommendation to require GFCI protection in RV site equipment. CMP 7 continues to favor an exemption for GFCI protection of receptacles used in recreational vehicle site equipment, and while the Correlating Committee expressed substantive

² *Regs*, Section 4.5.1

	<p>agreement with CMP 7 at Second Draft, the CC agreed with the Membership’s recommendation on correlation. For these reasons and the reasons stated above, the Council concludes that there is not agreement with regard to the proposed revision to Article 551.71(F), and therefore, it returns to previous edition text.</p> <p>Accordingly, the Council has voted to deny the appeal. The effect of this action is that the NFPA 70, <i>National Electrical Code</i> will neither include the text of Second Correlating Revision No. 30 nor First Revision No. 8475. The language of Article 551.71(F) will return to previous edition text.</p> <p>Council requests NFPA staff to review Table 1 and the Regulations to assess whether or not there is any need for clarification.</p> <p>Council Member Michael Johnston recused himself from the deliberations and vote on the appeal.</p>
19-8-3-w	See 19-8-3-c for Decision #19-4
19-8-3-x	<p>D#19-8: At its meeting of August 5-7, 2019, the Standards Council considered an appeal from Douglas Burkett of Ford Motor Company (on behalf of 23 Automotive Manufacturers, the Automotive Alliance, Global Automakers and SAE International). The appeal requests that the Standards Council overturn the Association Action and Accept Public Comment No. 1590 for the 2020 Edition of NFPA 70®, <i>National Electrical Code</i>® (<i>NEC</i>®). Specifically, the appeal requests text to be included which limits listing requirements of Section 625.5 to “electric vehicle power transfer system equipment external to the vehicle”.</p> <p>As background, Code-Making Panel 12 (CMP 12) Rejected Public Comment No. 1590. Mr. Burkett filed a Notice of Intent to Make a Motion (NITMAM) which was certified by the Motions Committee, then presented on the floor at the NFPA Technical Meeting as CAM 70-38. CAM 70-38 failed to achieve the necessary support of a simple majority of votes on the floor of the NFPA Technical Meeting. Mr. Burkett filed an appeal with the Council based upon the unsuccessful result of CAM 70-38.</p> <p>The text subject to the appeal did not gain sufficient support within the standards development process for inclusion in the 2020 Edition of NFPA 70, <i>National Electrical Code</i>. The appeal requests that the Council overturn the results yielded by the standards development process. On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated.</p> <p>The Council has reviewed the entire record concerning this matter and has considered all the arguments put forth in this appeal. In the view of the Council, this appeal does not present any clear and substantial basis upon which to overturn the results yielded by the NFPA standards development process. Accordingly, the Council has voted to deny the appeal. The effect of this action is that the text of Public Comment No. 1590 amending Section 625.5 will not be included in the 2020 Edition of NFPA 70, <i>National Electrical Code</i>.</p> <p>Council notes that during the Technical Meeting debate on CAM 70-38, a suggestion to form a joint working group between the Society of Automotive Engineers (SAE), other automotive interests, and <i>NEC</i>® members was put forth. In the interest of collaboration and resolving the issues of cross-over technologies between the automotive and electrical industries, the Council encourages the establishment of a balanced Task Group, facilitated by NFPA Staff, with a goal</p>

	<p>of developing and submitting a Tentative Interim Amendment (TIA) for the 2020 Edition of NFPA 70 or Public Inputs to the next revision cycle.</p> <p>Council Members Kerry Bell and Michael Johnston recused themselves from the deliberations and vote on the appeal.</p>
19-8-3-y	See 19-8-3-c for Decision #19-4
19-8-3-z	See 19-8-3-d for Decision #19-11
19-8-3-aa	See 19-8-3-d for Decision #19-11
19-8-3-bb	See 19-8-3-d for Decision #19-11
19-8-3-cc	See 19-8-3-d for Decision #19-11
19-8-3-dd	CAM 70-45: Reject Second Revision No. 8159 and any Related Portion of First Revision No. 8608. This motion (CAM 70-45) passed on the floor of the NFPA Technical Meeting, recommending previous edition text and did not require a ballot of the responsible Committees per Table 1 of the <i>Regs</i> . The Council voted to issue the amendment.
19-8-3-dd-1	<p>D#19-9: At its meeting of August 5-7, 2019, the Standards Council considered an appeal from Jason Fisher of Solar Energy Industries Association. The appeal seeks the Standards Council find that NFPA staff failed to follow the <i>Regulations Governing the Development of NFPA Standards (the “Regs”)</i> by modifying CAM 70-45 and publishing such changes to the NFPA Technical Meeting Agenda (the “Agenda”), instead of the Motions Committee Report. Specifically, the appeal requests that the Standards Council overturn the Association Action on CAM 70-45 (previously identified as Motion Sequence 70-43 in the May 17, 2019 Motions Committee Report) (the “CAM”) for the 2020 Edition of NFPA 70[®], <i>National Electrical Code</i>[®] and restore Section 705.11(D) to Second Draft text.</p> <p>As background, Code-Making Panel (CMP) 4 supported First Revision No. 8608 and Second Revision No. 8159 through ballot. A Notice of Intent to Make a Motion (NITMAM) to Reject Second Revision No. 8159 and any Related Portion of First Revision No. 8608 was filed by Timothy Croushore of Edison Electrical Institute. The NITMAM was certified as a valid motion, and when the Motions Committee Report was published, it reflected that the CAM was to “Reject Second Revision No. 8159”; and, in error, failed to include Mr. Croushore’s intent to also Reject First Revision No. 8608. Following posting of the Motions Committee Report, it was brought to NFPA staff’s attention that the CAM did not reflect the NITMAM as filed. NFPA staff sought approval from the Motions Committee and Mr. Croushore to correct the error, then posted the updated motion on the Agenda through NFPA’s website. However, the update was inadvertently omitted from the Motions Committee Report. The CAM was presented to the floor at the NFPA Technical Meeting and passed the floor vote of the NFPA membership. In accordance with the <i>Regs</i>, no ballot of this successful CAM was required and the recommendation to Council is to return to previous edition text.</p> <p>On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated.</p> <p>On one hand, if the Council were to follow Mr. Fisher’s suggestion and reject an otherwise properly submitted NITMAM, it would unfairly prevent an objection from coming before the NFPA membership due to inadvertent staff error. Council also notes that the NFPA membership supported CAM 70-45 by a wide margin on the floor of the Technical Meeting.</p>

	<p>On the other hand, to the extent the Motions Committee Report failed to reflect the changes to the CAM, Mr. Fisher was not on notice of the changes because he was relying on the Report, and not the Agenda for the list of CAMs to be presented. At the hearing, Mr. Fisher acknowledged that he was aware there was a CAM on Section 705.11(D) because it was published in the original Motions Committee Report in May. Council inquired as to what would have been different for Mr. Fisher had he been aware sooner of the change to the motion on Section 705.11(D), and Mr. Fisher reported that he would not have likely taken different actions leading up to the Technical Meeting.</p> <p>In reviewing the entire record before it, Council finds that any errors in developing or publishing the Motions Committee Report do not warrant overturning the process. Given the Appellant’s representation that he would not have likely done anything different, there does not appear to be any material harm. Council also notes that there is no apparent consensus among the NFPA membership, CMP 4 and the Correlating Committee with regard to Section 705.11(D), and for that reason, yielding to the standards development process and returning to previous edition text is the last point of agreement among the materially affected interests.</p> <p>Accordingly, the Council has voted to deny the appeal. The effect of this action is that the NFPA 70, <i>National Electrical Code</i>, will not include the text of Second Revision No. 8159 or any Related Portions of First Revision No. 8608.</p> <p>Council directs NFPA staff to update both the Motions Committee Report and the Agenda when the Motions Committee approves changes after the Report’s initial posting (and in accordance with the <i>Regs</i>).</p> <p>Council Member Michael Johnston recused himself from the deliberations and vote on the appeal.</p>
<p>19-8-3-ee</p>	<p>CAM 70-46: Accept an Identifiable Part of Public Comment No. 315. This motion (CAM 70-46) passed on the floor of the NFPA Technical Meeting but failed ballot of the responsible Committees. The Council voted to issue the 2020 edition of NFPA 70 without this amendment.</p>
<p>19-8-3-ee-1</p>	<p>D#19-10: At its meeting of August 5-7, 2019, the Standards Council considered an appeal from Jason Fisher of Solar Energy Industries Association. The appeal requests Standards Council to find that NFPA staff failed to follow the <i>Regulations Governing the Development of NFPA Standards (the “Regs”)</i> by modifying CAM 70-46 and only publishing such changes to the NFPA Technical Meeting Agenda (the “Agenda”), and failing to update the Motions Committee Report. Specifically, the appeal requests that the Standards Council overturn the Association Action on CAM 70-46 (previously identified as Motion Sequence 70-5NC in the May 17, 2019 Motions Committee Report) for the 2020 Edition of NFPA 70®, <i>National Electrical Code</i>® and restore Section 705.11(F) to Second Draft text.</p> <p>As background, Code-Making Panel 4 (“CMP 4”) Rejected Public Comment No. 315 at the Second Draft meeting as submitted by Mr. Timothy Croushore of Edison Electrical Institute to modify text in Section 705.11(F). CMP 4 supported other changes to Section 705.11(F) through related Second Revision No. 8178. Mr. Croushore then filed a Notice of Intent to Make a Motion (NITMAM) and characterized it as a Motion to Reject an Identifiable Part of Second Revision No. 8178, but with a description that clearly indicated his intent, instead, was to Accept an Identifiable Part of his Public Comment No. 315. The motion to Reject an Identifiable Part of Second Revision No. 8178 was clearly not going to achieve Mr. Croushore’s intended outcome and so the Motions Committee did not certify it. After the Motions Committee Report posted on May 17, 2019, Mr. Croushore objected to the Motions</p>

Committee decision and referred to the description of his intent as evidence that he had described a proper NITMAM, but had improperly characterized the “type” of motion.

Mr. Croushore’s objection was brought before the Motions Committee. In accordance with the *NFPA Technical Meeting Convention Rules*, the Motions Committee agreed with Mr. Croushore and took action to certify by written ballot his NITMAM as CAM 70-46, which was reframed as a Motion to Accept an Identifiable Part of Public Comment No. 315. NFPA staff then updated the Technical Meeting Agenda on May 23, 2019 on NFPA’s website, but failed to update the Motions Committee Report. NFPA staff discovered a textual error within the CAM on the Agenda and updated it on June 13th, 2019. Special announcements were also made by the Presiding Officers at the Tech Session to bring attention to this correction. CAM 70-46 was presented to the floor at the NFPA Technical Meeting and passed the floor vote of the Association. Although the amendment ballot achieved the necessary 2/3 affirmative vote of the Correlating Committee, the CAM failed to achieve the necessary 2/3 affirmative vote of CMP 4 necessary to recommend approval of the Association action.

On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated.

The Council has reviewed the entire record concerning this matter and has considered all the arguments put forth in this appeal. In the view of the Council, this appeal does not present any clear and substantial basis upon which to overturn the results yielded by the NFPA standards development process. The Council finds that the Motions Committee acted within its authority to correct the record and the motion was publicly available prior to the Technical Meeting in the Agenda.

On one hand, if the Council were to follow Mr. Fisher’s suggestion and reject the NITMAM, it would unfairly prevent an objection from coming before the NFPA membership because of a staff error. Council also notes that the NFPA membership supported CAM 70-46 by a wide margin on the floor of the Technical Meeting.

On the other hand, the failure to update the Motions Committee Report to reflect the changes to the CAM, could have disadvantaged Mr. Fisher because he was relying on the Report for the list of CAMs to be presented. At the hearing, Council inquired as to what would have been different for Mr. Fisher had he been aware sooner of the CAM at issue and Mr. Fisher reported that he would not have likely taken different actions leading up to the Technical Meeting.

For these reasons, Council finds that any error in failing to update the Motions Committee Report does not warrant overturning the process. Council also notes that there is no apparent consensus among the NFPA membership, CMP 4 and the Correlating Committee with regard to Section 705.11(F), and for that reason, yielding to the standards development process and returning to previous edition text is the last point of agreement among the materially affected interests.

Accordingly, the Council has voted to deny the appeal. The effect of this action is that the 2020 Edition of NFPA 70, *National Electrical Code* will not include the Identifiable Part of Public Comment No. 315 and Section 705.11(F) will return to previous edition text.

	<p>Council directs NFPA staff to update both the Motions Committee Report and the Agenda when the Motions Committee approves changes after the Report's initial posting (and in accordance with the <i>Regs</i>).</p> <p>Council Member Michael Johnston recused himself from the deliberations and vote on the appeal.</p>
19-8-3-ff	See 19-8-3-d for Decision #19-11
19-8-3-gg	CAM 70-48: Accept Public Comment No. 501. This motion (CAM 70-48) passed on the floor of the NFPA Technical Meeting but failed ballot of the responsible Committees. The Council voted to issue the 2020 edition of NFPA 70 without this amendment.
19-8-3-gg-1	<p>D#19-19: At its meeting of August 5-7, 2019, the Standards Council considered appeals from Marcelo Hirschler of GBH International. The appeals request that the Standards Council overturn the amendment ballot results of Code-Making Panel 3 (CMP 3) on CAM 70-48 and Accept Public Comment No. 501; overturn the amendment ballot results of CMP 3 on CAM 70-49 and Accept Public Comment No. 500; and overturn the amendment ballot results of Code-Making Panel 16 (CMP 16) on CAM 70-51 and Accept Public Comment No. 516 for the 2020 Edition of NFPA 70[®], <i>National Electrical Code</i>[®]. Specifically, the appeals request to amend the Second Draft recommended text of Table 725.154, Table 760.154, and update the ASTM E84 reference to the 18a edition in Informational Note No. 1 to Section 800.182 (A).</p> <p>As background, CMP 3 Rejected Public Comment Nos. 500 and 501, while CMP 16 Rejected Public Comment No. 516. Mr. Hirschler filed a Notice of Intent to Make a Motion (NITMAM) on each of the identified Public Comments which were certified by the Motions Committee, then presented on the floor of the NFPA Technical Meeting as CAM 70-48, CAM 70-49, and CAM 70-51. All three CAMs passed the floor of the NFPA Technical Meeting. However, the amendment ballots failed to achieve the necessary 2/3 vote of the responsible CMP to recommend approval of the Association Actions.</p> <p>The text subject to appeal did not gain sufficient support within the standards development process for inclusion in the 2020 Edition of NFPA 70, <i>National Electrical Code</i>. The appeals request that the Council overturn the results yielded by the standards development process. On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated.</p> <p>The Council has reviewed the entire record concerning this matter and has considered all the arguments put forth in these appeals. In the view of the Council, these appeals do not present any clear and substantial basis upon which to overturn the results yielded by the NFPA standards development process. Accordingly, the Council has voted to deny the appeals. The effect of this action is that that Public Comments 500, 501, and 516 will not be included in the 2020 Edition of NFPA 70, <i>National Electrical Code</i>. The respective tables and text at issue return to previous edition text.</p> <p>Council Member Michael Johnston recused himself from the deliberations and vote on the appeals.</p>
19-8-3-hh	CAM 70-49: Accept Public Comment No. 500. This motion (CAM 70-49) passed on the floor of the NFPA Technical Meeting but failed ballot of the responsible Committees. The Council voted to issue the 2020 edition of NFPA 70 without this amendment.
19-8-3-hh-1	See 19-8-3-gg-1 for Decision#19-19

19-8-3-ii	See 19-8-3-d for Decision #19-11
19-8-3-jj	CAM 70-51: Accept Public Comment No. 516. This motion (CAM 70-51) passed on the floor of the NFPA Technical Meeting but failed ballot of the responsible Committees. The Council voted to issue the 2020 edition of NFPA 70 without this amendment.
19-8-3-jj-1	See 19-8-3-gg-1 for Decision#19-19
19-8-3-kk	<p>D#19-12: At its meeting of August 5-7, 2019, the Standards Council considered three appeals from James Peterkin of TLC Engineering Solutions. This appeal requests that the Standards Council overturn the recommendation for inclusion of First Revision No. 7977 (FR 7977) in the 2020 edition of NFPA 70®, <i>National Electrical Code</i>®. Specifically, the appeal requests that the Council exclude recommended FR 7977 text from the 2020 edition of NFPA 70 and return to previous edition text.</p> <p>As background, Code-Making Panel (CMP) 2 supported FR 7977 on Section 210.12(C) through ballot, which relates in part to the protection of branch circuits serving patient sleeping rooms in nursing homes and limited care facilities. No Public Comments, Second Revisions, or Notices of Intent to Make a Motion (NITMAM) followed the First Draft actions of CMP 2 on Section 210.12(C). Mr. Peterkin (at the direction of the NFPA Health Care Section by vote at its business meeting in San Antonio, June 19, 2019) filed an appeal with the Council based upon the assertion that FR 7977 was a health care occupancy-specific topic that was outside of the scope of CMP 2, which is scoped to address general requirements for branch circuits. Rather, he suggests that only CMP 15 is scoped to address health care occupancy-specific topics.</p> <p>The text subject to this appeal gained sufficient support within the standards development process for inclusion in the 2020 edition of NFPA 70, <i>National Electrical Code</i>. The appeal requests that the Council overturn the results yielded by the standards development process. On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated.</p> <p>Under the <i>Regulations Governing the Development of NFPA Standards</i>, the Correlating Committee is charged with recommending the resolution of conflicts between overlapping functions in scopes. In connection with this appeal, the Correlating Committee stated that CMP 2 has jurisdiction to address general branch circuit wiring and protection methods, and that FR 7977 addressed a wiring and protection method that was not otherwise addressed by CMP 15 in Article 517. For that reason, the Correlating Committee stated it did not identify a conflict and encouraged CMP 15 to modify the relevant section in Article 517, if the panel believed an occupancy specific exclusion was warranted. The Council finds this to be a reasonable approach to addressing overlapping functions in scopes.</p> <p>Moreover, the record in the standards development process reflects that there was no objection reflected by interested parties in the health care industry on this matter during the revision cycle. The Appellant asserts that such interested parties failed to object because they simply were not aware of the change and find it overly burdensome to review the First Draft Report and the Second Draft Report to learn of changes that may affect them. Council notes that the reason all drafts are published publicly is specifically to provide all interested parties the ability to have notice if and when a code or standard may affect them, even when such interested party may not have membership on a CMP.</p> <p>The Council has reviewed the entire record concerning this matter and has considered all the arguments put forth in this appeal. In the view of the Council, this appeal does not present any</p>

clear and substantial basis upon which to overturn the results yielded by the NFPA standards development process. Accordingly, the Council has voted to deny the appeal. The effect of this action is that the text recommended as FR 7977 will be included in the 2020 edition of NFPA 70, *National Electrical Code*.

Consistent with the statement provided by the Correlating Committee, to the extent that the Health Care Section or other interested parties are concerned about requirements for arc-fault circuit-interrupter (AFCI) protection of branch circuits serving patient sleeping rooms in nursing homes and limited care facilities, Council encourages such parties to explore developing a Tentative Interim Amendment (TIA) or Public Input for the next revision cycle to address those concerns.

Council Members Chad Beebe, Michael Johnston, and Daniel O'Connor recused themselves from the deliberations and vote on the appeal.

19-8-3-II

D#19-24: At its meeting of August 5-7, 2019, the Standards Council considered three appeals from James Peterkin of TLC Engineering Solutions. This appeal requests that the Standards Council overturn Second Correlating Revision No. 38 (SCR 38) and return the recommended text for Section 517.5 to Second Revision No. 7851 (SR 7851) for inclusion in the 2020 edition of NFPA 70®, *National Electrical Code (NEC®)*. Specifically, the appeal requests that the Council restore the recommended text supported by Code-Making Panel 15 (CMP 15) which excludes the requirements for listing of reconditioned equipment from being applied to health care facilities and the informational note advising that refurbished medical equipment and other electrical distribution equipment is common in health care facilities.

As background, the *NEC®* Correlating Committee supported SCR 38 through ballot. No Notice of Intent to Make a Motion (NITMAM) was filed for SCR 38. Mr. Peterkin (at the direction of the NFPA Health Care Section by vote at its business meeting in San Antonio, June 19, 2019) filed an appeal with the Council seeking the rejection of SCR 38 and to return to the text recommended by CMP 15 in SR 7851.

The text recommended for deletion and subject to this appeal gained sufficient support within the standards development process for the 2020 edition of NFPA 70, *National Electrical Code*. The appeal requests that the Council overturn the results yielded by the standards development process. On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated.

In support for this appeal, the Appellant asserts a number of arguments, including (i) that the Correlating Committee statement failed to adequately describe the technical substantiation for SCR 38; (ii) that CMP 15 improperly included “new material” in the Second Revision; (iii) that the topic of reconditioned electrical equipment is outside of the scope of NFPA 70 and is inconsistent with previous Council decisions regarding jurisdictional lines between NFPA 70® and NFPA 99 on issues affecting health care facilities; and (iv) that an error in NFPA’s Terra electronic submission system failed to display SCR 38 to allow timely filing of a NITMAM on this matter.

With regard to the first argument that SCR 38 had inadequate technical substantiation, the record reflects that the Correlating Committee identified a specific correlation issue and related justification; but the Appellant identifies competing reasons for rejecting SCR 38. While there may be technical disagreement on this issue, Council will not substitute its judgment for that of

the Committee on technical matters and finds the Correlating Committee provided sufficient substantiation to support its action.

The Appellant asserts that CMP 15 improperly introduced “new material” at the Second Draft by adding text relating to reconditioned equipment. In the Council’s view, the record reflects that various Public Inputs (PI) were proposed for the topic of reconditioned equipment related to safety concerns and ability to comply with safety standards. By way of example, PI 2935 sought to introduce a listing requirement for reconditioned equipment as a way to determine “compliance” with safety standards; and various PIs proposed new global definitions for reconditioning. In its review of the First Revisions, the Correlating Committee even formed a Task Group for the purpose of determining whether reconditioning should be permitted (the result of which was Global Public Comment 979). Given the breadth of these examples, the Council finds it reasonable that several CMPs created Second Revisions on the topic of what, how and whether electrical equipment should be reconditioned based upon discussions and reviewed PIs at the First Draft meeting.

The Appellant also asserts that the topic of reconditioned electrical equipment is outside of the scope of the NEC and inconsistent with prior Council decisions that have established that NFPA 70 has jurisdiction over electrical “installation” matters, while NFPA 99 has jurisdiction over “performance” matters related to health care facilities. Specifically, the Appellant states in the appeal that reconditioned electrical equipment is categorically a “performance” matter and therefore outside the scope of the NEC.³ Reconditioned electrical equipment broadly includes equipment that is used for a building’s electrical infrastructure and therefore Council disagrees that reconditioned electrical equipment is categorically outside the scope of the NEC.

Finally, the Appellant raises the concern regarding a failure of NFPA’s Terra electronic submission system to display SCR 38 in a timely manner. Without reviewing the specific technical issue that may have occurred, Council finds that SCR 38 was publicly available and published through the Second Draft Report in a timely manner on NFPA’s website.

The Council has reviewed the entire record concerning this matter and has considered all the arguments put forth in this appeal. In the view of the Council, this appeal does not present any clear and substantial basis upon which to overturn the results yielded by the NFPA standards development process. Accordingly, the Council has voted to deny the appeal. The effect of this action is that the text deleted by recommendation of SCR 38 will not be included in the 2020 edition of NFPA 70, *National Electrical Code*.

Council remains concerned about the apparent and ongoing breakdown in communication between NFPA 70, NFPA 99 and other interested health care parties. In response to similar communication challenges in the past and over the course of several revision cycles, Council had formed the “Intercommittee Coordination Committee”, which was charged with communicating changes related to the NEC and NFPA 99 to the respective correlating and technical committees (and panels). It is apparent based upon the three appeals filed by Mr. Peterkin that the Committee has not been effective in achieving its purpose, and Council hereby disbands the Committee.

In its place, Council directs a new approach to improve the important lines of communication between the responsible committees and panels of the NEC and NFPA 99. The Council intends

³ The Appellant’s written appeal, at Agenda Attachment 19-8-3-11 states: “reconditioned equipment relates to the way the occupancy needs to perform...”

to take action at its December 2019 meeting to amend the NEC Correlating Committee structure to include a non-voting correlating committee liaison from NFPA 99 project membership. Additionally, it is the intention of the Standards Council to add a non-voting correlating committee liaison from the NEC project membership to the NFPA 99 Correlating Committee with the anticipation of increased visibility, transparency and communications regarding electrical installation and performance requirements in health care facilities.

In the meantime, to the extent they are dissatisfied with the language in NFPA 70, the Health Care Section or other interested stakeholders are encouraged to explore the appropriateness and development of a Tentative Interim Amendment (TIA) or Public Input for the next revision cycle to address the concerns asserted in this appeal regarding the prohibition of reconditioned electrical equipment in health care facilities.

Finally, Council heard a report from staff regarding any technical issues in the Terra electronic submission system and a description of the proposed solution. At its December 2019 meeting, Council asks staff to report on testing results following the implementation of the solution.

Council Members Chad Beebe, Michael Johnston, and Daniel O'Connor recused themselves from the deliberations and vote on the appeal.

19-8-3-mm

D#19-25: At its meeting of August 5-7, 2019, the Standards Council considered three appeals from James Peterkin of TLC Engineering Solutions. This appeal requests that the Standards Council overturn Second Correlating Revision No. 39 (SCR 39) and return the recommended text for Section 517.24 and Tables 517.24(a) and 517.24(b) to Second Revision No. 7908 (SR 7908) in the 2020 edition of NFPA 70®, *National Electrical Code*® (NEC®). Specifically, the appeal requests that the Council restore the recommended text supported by Code-Making Panel 15 (CMP 15) which creates health care specific demand factors.

As background, the NEC® Correlating Committee supported SCR 39 through ballot. No Notice of Intent to Make a Motion (NITMAM) was filed for SCR 39. Mr. Peterkin (at the direction of the NFPA Health Care Section by vote at its business meeting in San Antonio, June 19, 2019) filed an appeal with the Council seeking the rejection of SCR 39 and to return to the text recommended by CMP 15 in SR 7908.

The text recommended for deletion and subject to this appeal gained sufficient support within the standards development process for the 2020 edition of NFPA 70, *National Electrical Code*. The appeal requests that the Council overturn the results yielded by the standards development process. On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated.

The Appellant asserts that the Correlating Committee was acting outside of its scope when it removed CMP 15's newly created Section 517.24 on demand factors, new Table 517.24(b), and new Table 517.24(b) as recommended by CMP 15 through SR 7908—leaving the 2020 edition of NFPA 70 without health care specific demand factors in favor of the generic, non-specific demand factors created by Code-Making Panel 2. The record reflects that the Correlating Committee identified a specific correlation issue and related justification; the Appellant identifies generally, and with no specific technical reasons, that this decision was made without health care expertise. While there may be technical disagreement on this issue, Council finds the Correlating Committee did state specific correlating and technical reasons for taking actions.

The Appellant also asserts that the topic of demand factors for health care occupancies is outside of the scope of the NEC and inconsistent with prior Council decisions that have established the NEC has jurisdiction over electrical “installation” matters, and NFPA 99 has jurisdiction over “performance” matters related to health care facilities. Specifically, the Appellant states in the appeal that “the topic of branch-circuit, feeder, and service load calculations” is categorically a “performance” matter and therefore outside the scope of the NEC. Electrical load calculations are fundamental to installing a properly rated electrical system, and therefore Council disagrees that electrical load calculations for health care occupancies are categorically outside the scope of the NEC.

Finally, the Appellant raises the concern regarding a failure of NFPA’s Terra electronic submission system to display SCR 39 in a timely manner. Without reviewing the specific technical issue that may have occurred, Council finds that SCR 39 was publicly available and published through the Second Draft Report in a timely manner on NFPA’s website.

The Council has reviewed the entire record concerning this matter and has considered all the arguments put forth in this appeal. In the view of the Council, this appeal does not present any clear and substantial basis upon which to overturn the results yielded by the NFPA standards development process. Accordingly, the Council has voted to deny the appeal. The effect of this action is that the text deleted by recommendation of SCR 39 will not be included in the 2020 edition of NFPA 70, *National Electrical Code*.

Council remains concerned about the apparent and ongoing breakdown in communication between NFPA 70, NFPA 99 and other interested health care parties. In response to similar communication challenges in the past and over the course of several revision cycles, Council had formed the “Intercommittee Coordination Committee”, which was charged with communicating changes related to the NEC and NFPA 99 to the respective correlating and technical committees (and panels). It is apparent based on the three appeals filed by Mr. Peterkin that the Committee has not been effective in achieving its purpose, and Council hereby disbands the Committee.

In its place, Council directs a new approach to improve the important lines of communication between the responsible committees and panels of the NEC and NFPA 99. The Council intends to take action at its December 2019 meeting to amend the NEC Correlating Committee structure to include a non-voting correlating committee liaison from NFPA 99 project membership. Additionally, it is the intention of the Standards Council to add a non-voting correlating committee liaison from the NEC project membership to the NFPA 99 Correlating Committee with the anticipation of increased visibility, transparency and communications regarding electrical installation and performance requirements in health care facilities.

In the meantime, to the extent the Health Care Section or other interested stakeholders are encouraged to explore the appropriateness and development of a Tentative Interim Amendment (TIA) or Public Input for the next revision cycle to address the concerns asserted in this appeal regarding demand factor requirements in health care facilities.

Finally, Council heard a report from staff regarding any technical issues in the Terra electronic submission system and a description of the proposed solution. At its December 2019 meeting, Council asks staff to report on testing results following the implementation of the solution.

Council Members Chad Beebe, Michael Johnston, and Daniel O’Connor recused themselves from the deliberations and vote on the appeal.

<p>19-8-3-nn</p>	<p>D#19-21: At its meeting of August 5-7, 2019, the Standards Council considered an appeal from Christel Hunter of Cerro Wire. The appeal requests that the Standards Council overturn the Panel Action and Reject Second Revision No. 8011 for the 2020 Edition of NFPA 70[®], <i>National Electrical Code</i>[®]. Specifically, the appeal requests that Second Revision No. 8011 to Section 240.88 be removed to provide opportunity for public review of the language added at the Second Draft.</p> <p>As background, Code-Making Panel 10 (CMP 10) supported Second Revision No. 8011 through ballot and the Correlating Committee proposed no correlating revisions. Although numerous Notices of Intent to Make a Motion (NITMAM) were filed by Ms. Hunter on revisions related to reconditioning, she inadvertently failed to file a NITMAM to Reject Second Revision No. 8011. She has included this revision in her appeals asking for Council to overturn the Association Actions on identified Certified Amending Motions.</p> <p>On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated. The Council has reviewed the entire record concerning this matter and has considered all the arguments put forth in this appeal. In the view of the Council, this appeal does not present any clear and substantial basis upon which to overturn the results yielded by the NFPA standards development process. Accordingly, the Council has voted to deny the appeal. The effect of this action is that Second Revision No. 8011 will be included in the 2020 Edition of NFPA 70, <i>National Electrical Code</i>.</p> <p>Council Members Kerry Bell, Chad Beebe, and Michael Johnston recused themselves from the deliberations and vote on the appeal.</p>
<p>19-8-4</p>	<p>The Council voted to issue NFPA 130, <i>Standard for Fixed Guideway Transit and Passenger Rail Systems</i>, with no amendments, in accordance with actions taken at the NFPA Technical Meeting. No appeals were received on this document. Issuance date August 5, 2019 and effective date August 25, 2019.</p>
<p>19-8-5</p>	<p>Act on the issuance of NFPA 302, <i>Standard for Fire Protection for Pleasure and Commercial Motor Craft</i>, with one amendment, in accordance with actions taken at the NFPA Technical Meeting and subsequent balloting of the responsible Committee. Issuance date August 5, 2019 and effective date August 25, 2019. See actions as indicated in Minute Item 19-8-5-f</p>
<p>19-8-5-a-1 thru 19-8-5-e-1 and 19-8-5-g-1</p>	<p>D#19-20: At its meeting of August 5-7, 2019, the Standards Council considered appeals from Marcelo Hirschler of GBH International. The appeals request that the Standards Council overturn the amendment ballot results and Accept Public Comment Nos. 3 and 4, Accept Identifiable Parts of Public Comment No. 5, Accept Public Comment No. 6, and Accept an Identifiable Part of Public Comment No. 7 on the 2020 Edition of NFPA 302, <i>Fire Protection Standard for Pleasure and Commercial Motor Craft</i>. Specifically, the appeal requests acceptance of Public Comment Nos. 3, 4, 6 and Identifiable Parts of Public Comment Nos. 5 and 7.</p> <p>As background, the Technical Committee Rejected Public Comment Nos. 3, 4, 5, 6, and 7 and Marcelo Hirschler filed Notices of Intent to Make a Motion (NITMAM) on each which were certified by the Motions Committee, then presented on the floor at the NFPA Technical Meeting as CAM 302-1, 302-2, 302-3, 302-4, 302-5 and 302-7. Each of the CAMs subject to this appeal passed the floor of the NFPA Technical Meeting. However, each amendment ballot failed to achieve the necessary 2/3 affirmative vote of the Technical Committee to recommend approval of the Association Action.</p>

	<p>The text subject to appeal did not gain sufficient support within the standards development process for inclusion in the 2020 Edition NFPA 302, <i>Fire Protection Standard for Pleasure and Commercial Motor Craft</i>. The appeals request that the Council overturn the results yielded by the standards development process.</p> <p>On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated. The Council has reviewed the entire record concerning this matter and has considered all the arguments put forth in these appeals. In the view of the Council, these appeals do not present any clear and substantial basis upon which to overturn the results yielded by the NFPA standards development process.</p> <p>Accordingly, the Council has voted to deny the appeal. The effect of this action is that the 2020 Edition of NFPA 302, <i>Fire Protection Standard for Pleasure and Commercial Motor Craft</i> will not include the text of Public Comment Nos. 3, 4, 5, 6, and 7 as sought through this appeal. The text of the respective sections will return to previous edition text.</p>
19-8-5-f	CAM 302-6: Accept an Identifiable Part of Public Comment No. 7. This motion (CAM 302-6) passed on the floor of the NFPA Technical Meeting. This amendment passed ballot of the responsible Committee. The Council voted to issue the amendment.
19-8-6	Act on the issuance of NFPA 502, <i>Standard for Road Tunnels, Bridges, and Other Limited Access Highways</i> , with no amendments, in accordance with actions taken at the NFPA Technical Meeting. No appeals were received on this document. Issuance date August 5, 2019 and effective date August 25, 2019.
19-8-7	Act on the issuance of NFPA 654, <i>Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids</i> , with no amendments, in accordance with actions taken at the NFPA Technical Meeting. No appeals were received on this document. Issuance date August 5, 2019 and effective date August 25, 2019.
19-8-8	Act on the issuance of NFPA 801, <i>Standard for Fire Protection for Facilities Handling Radioactive Materials</i> , with no amendments, in accordance with actions taken at the NFPA Technical Meeting. No appeals were received on this document. Issuance date August 5, 2019 and effective date August 25, 2019.
19-8-9	Act on the issuance of NFPA 855, <i>Standard for the Installation of Stationary Energy Storage Systems</i> , with no amendments, in accordance with actions taken at the NFPA Technical Meeting. Issuance date August 5, 2019 and effective date August 25, 2019.
19-8-9-a-1	<p>D#19-16: At its meeting of August 5-7, 2019, the Standards Council considered an appeal from James Houston of the Southern Company Services. The appeal requests that the Standards Council overturn the Committee Ballot results on CAM 855-1 and Accept Public Comment Nos. 912 and 454 for the 2020 Edition of NFPA 855, <i>Standard for the Installation of Stationary Energy Storage Systems</i>. Specifically, the appeal requests the addition of text to specify what is not covered within the scope of NFPA 855, allowing utilities to follow the ANSI C2, <i>National Electric Safety Code</i> in matters regarding energy storage safety.</p> <p>As background, the Technical Committee rejected Public Comment Nos. 912 and 454. Sue Vogel of IEEE-SA and Timothy Croushore of Edison Electric Institute each filed a Notice of Intent to Make a Motion (NITMAM) which were certified by the Motions Committee, then presented on the floor at the NFPA Technical Meeting as CAM 855-1. CAM 855-1 passed the floor of the NFPA Technical Meeting. However, the amendment ballot failed to achieve the</p>

necessary 2/3 affirmative vote of the Technical Committee to recommend approval of the Association action.

The text subject to appeal did not gain sufficient support within the standards development process for inclusion in the 2020 edition of NFPA 855, *Standard for the Installation of Stationary Energy Storage Systems*. The appeal requests that the Council overturn the results yielded by the standards development process. On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated.

The Council has reviewed the entire record concerning this matter and has considered all the arguments put forth in this appeal. In the view of the Council, this appeal does not present any clear and substantial basis upon which to overturn the results yielded by the NFPA standards development process. Accordingly, the Council has voted to deny the appeal. The effect of this action is that NFPA 855, *Standard for the Installation of Stationary Energy Storage Systems*, will not include text defining the scope of the standard (as there is no previous edition text to which the standard can return).

The scope of NFPA 855 is found in Section 1.1, and as a result of the standards development process, the scope section will remain, but marked as “reserved” until such time that text gains consensus through the NFPA process. The Council encourages the Technical Committee’s continued work and attention to the subject, including the establishment of a Task Group to develop scope text to be submitted as a Tentative Interim Amendment (TIA) or Public Input for the next revision cycle.

Mr. Houston noted that Tesla is a member of the Technical Committee and raised concerns that a special expert on the Technical Committee also represented Tesla’s interests on certain matters. The Council directed NFPA staff to review the membership of the Technical Committee on Energy Storage Systems. Staff reported back to the Council prior to adjournment and the Council has taken action to ensure that there is no duplicative representation on the Technical Committee.

Council Members Kerry Bell and Gary Keith recused themselves from the deliberations and vote on this appeal.

19-8-9-b
19-8-9-c

D#19-1: At its meeting of August 5-7, 2019, the Standards Council considered appeals from Ned West of the Southern Company Services and William Cantor of TPI Engineering. The appeals each request that the Standards Council overturn the Association Action and Reject an Identifiable Part of Second Revision No. 75 for the 2020 Edition of NFPA 855, *Standard for the Installation of Stationary Energy Storage Systems*. Specifically, the appeal requests to restore the 250 kWh maximum group size limit in section 4.6.2 of the standard.

As background, the Technical Committee supported Second Revision No. 75 through ballot. Notices of Intent to File a Motion (NITMAM) to Reject an Identifiable Part of Second Revision No. 75 were filed by Mr. West and Mr. Cantor, among others, and were certified by the Motions Committee as a single motion, then presented to the floor at the NFPA Technical Meeting as CAM 855-8. CAM 855-8 failed to achieve the necessary support of a simple majority of votes on the floor of the NFPA Technical Meeting. Mr. West and Mr. Cantor each filed an appeal with the Council based upon the unsuccessful result of CAM 855-8.

	<p>The text subject to the appeal did not gain sufficient support within the standards development process for inclusion in the 2020 edition of NFPA 855, <i>Standard for the Installation of Stationary Energy Storage Systems</i>. The appeal requests that the Council overturn the results yielded by the standards development process. On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated.</p> <p>The Council has reviewed the entire record concerning this matter and has considered all the arguments put forth. In the view of the Council, the appeals do not present any clear and substantial basis upon which to overturn the results yielded by the NFPA standards development process. Accordingly, the Council has voted to deny the appeals. The effect of this action is that Second Revision No. 75 will be included in the 2020 edition of NFPA 855, <i>Standard for the Installation of Stationary Energy Storage Systems</i>.</p> <p>Council Members Kerry Bell and Gary Keith recused themselves from deliberations and vote on this appeal.</p>
19-8-10	Act on the issuance of NFPA 1851, <i>Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting</i> , with one amendment, in accordance with action taken at the NFPA Technical Meeting. No appeals were received on this document. Issuance date August 5, 2019 and effective date August 25, 2019. See action as indicated in Minute Items 19-8-10-a, 19-8-33, 19-8-34, 19-8-35, 19-8-36 and 19-8-37.
19-8-10-a	CAM 1851-1: Reject Second Revision No. 37. This motion (CAM 1851-1) passed on the floor of the NFPA Technical Meeting, recommending previous edition text and did not require a ballot of the responsible Committees per Table 1 of the <i>Regs</i> . The Council voted to issue the amendment.
19-8-11	Act on the issuance of NFPA 1961, <i>Standard on Fire Hose</i> , with no amendments, in accordance with actions taken at the NFPA Technical Meeting. No appeals were received on this document. Issuance date August 5, 2019 and effective date August 25, 2019.
19-8-12	<p>The following Annual 2019 Revision Cycle Consent Standards that did not receive NITMAMs, were letter balloted by the Council with an issuance date of April 28, 2019 and an effective date of May 18, 2019:</p> <p>NFPA 55, <i>Compressed Gases and Cryogenic Fluids Code</i> NFPA 405, <i>Standard for the Recurring Proficiency of Airport Fire Fighters</i> NFPA 412, <i>Standard for Evaluating Aircraft Rescue and Fire-Fighting Foam Equipment</i> NFPA 414, <i>Standard for Aircraft Rescue and Fire-Fighting Vehicles</i> NFPA 556, <i>Guide on Methods for Evaluating Fire Hazard to Occupants of Passenger Road Vehicles</i> NFPA 557, <i>Standard for Determination of Fire Loads for Use in Structural Fire Protection Design</i> NFPA 780, <i>Standard for the Installation of Lightning Protection Systems</i> NFPA 820, <i>Standard for Fire Protection in Wastewater Treatment and Collection Facilities</i> NFPA 1082, <i>Standard for Facilities Fire and Life Safety Director Professional Qualifications</i> NFPA 1300, <i>Standard on Community Risk Assessment and Community Risk Reduction Plan Development (New)</i> NFPA 1452, <i>Guide for Training Fire Service Personnel to Conduct Community Risk Reduction for Residential Occupancies</i> NFPA 1710, <i>Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Career</i></p>

	<p style="text-align: center;"><i>Fire Departments</i></p> <p>NFPA 1720, <i>Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations and Special Operations to the Public by Volunteer Fire Departments</i></p> <p>NFPA 2113, <i>Standard on Selection, Care, Use, and Maintenance of Flame-Resistant Garments for Protection of Industrial Personnel Against Short-Duration Thermal Exposures from Fire</i></p> <p>The following Annual 2019 Revision Cycle Consent Standards, with custom schedules, that did not receive NITMAMs, were letter balloted by the Council with an issuance date of June 10, 2019 and an effective date of June 30, 2019:</p> <p>NFPA 2, <i>Hydrogen Technologies Code</i> NFPA 78, <i>Guide on Electrical Inspections (New)</i> NFPA 451, <i>Guide for Community Healthcare Programs</i> NFPA 1078, <i>Standard for Electrical Inspector Professional Qualifications (New)</i> NFPA 1936, <i>Standard on Rescue Tools</i></p>
<p>19-8-13-d</p>	<p>D#19-17: At its meeting of August 5-7, 2019, the Standards Council considered an appeal from John McSheffrey of en-Gauge Inc. The appeal requests that the Standards Council overturn the Technical Committee action and issue TIA No. 1423 on NFPA 10, <i>Standard for Portable Fire Extinguishers</i>. Specifically, the appeal requests that the Standards Council issue TIA No. 1423, which seeks to revise 6.1.5, revise 7.2.2 and add new paragraph 7.6.2.1 within the 2018 edition of NFPA 10.</p> <p>As background, in August of 2018, the Standards Council heard an appeal from Mr. McSheffrey regarding a TIA on NFPA 10 (the “2018 TIA”) that had failed technical committee ballot. Through the 2018 TIA, Mr. McSheffrey sought to restore electronic monitoring requirements that had been changed or deleted over two prior revision cycles. While the Council denied that August 2018 appeal, the Council did take other actions, including directing NFPA staff to form a balanced task group to evaluate and report back to Council whether a TIA related to electronic monitoring should be developed, and if so, to develop a proposed TIA for the technical committee’s consideration and ballot (see Council Decision #18-6). As part of Council’s August 2018 decision, Council also reviewed the membership of the Technical Committee on Portable Fire Extinguishers (TC). The Council, through a December 2018 action (see Minute Item 18-12-22-e) disbanded the TC and, after initiating a call for members, reconstituted the TC at Council’s April 2019 meeting. The balanced task group was formed following the August 2018 Council meeting, agreed that a TIA was appropriate, but ultimately did not unanimously agree on all technical aspects of the TIA. Nonetheless, the task group developed TIA No. 1423, which is the subject of this appeal.</p> <p>In accordance with the <i>Regulations Governing the Development of NFPA Standards (Regs)</i>, TIA No. 1423 was balloted by the newly formed TC to determine whether the necessary three-fourths majority support was achieved on technical merit and emergency nature required to establish recommendation for issuance. The ballot failed the Technical Committee on both technical merit and emergency nature.</p> <p>When a TIA fails to achieve the recommendation of the responsible committee, the resulting recommendation of the standards development process is to not issue the TIA.</p>

	<p>On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated.</p> <p>The Council has reviewed the entire record concerning this matter and has considered all the arguments put forth in this appeal. In the view of the Council, this appeal does not present any clear and substantial basis upon which to overturn the results yielded by the NFPA standards development process. Accordingly, the Council has voted to deny the appeal. The effect of this action is that the NFPA 10, <i>Standard for Portable Fire Extinguishers</i>, will not include the text proposed in TIA No. 1423.</p> <p>The Council notes that NFPA 10 will be having its First Draft Meeting in the coming months, with the First Draft Report scheduled to post on or before February 26, 2020. The Council continues to encourage en-Gauge to participate in the standards development process, including through its representative on the TC. The Council also encourages the recently reconstituted TC to continue efforts to review requirements related to electronic monitoring of portable fire extinguishers and consider appropriate text in the next edition.</p>
19-8-14	<p>The Council voted to issue proposed Tentative Interim Amendment (TIA) to revise Table 14.2.8.2.1 of the 2019 Edition of NFPA 13, <i>Standard for the Installation of Sprinkler Systems</i>, (TIA No. 1416). The TIA achieved the necessary support of the Technical Committee on technical merit and emergency nature and the Correlating Committee on correlation and emergency nature respectively, when balloted prior to submission to the Standards Council.</p>
19-8-15	<p>The Council voted to not issue proposed Tentative Interim Amendment (TIA) to revise Section 5.6.1.1 of the 2019 Edition of NFPA 51B, <i>Standard for Fire Prevention During Welding, Cutting, and Other Hot Work</i>, (TIA No. 1456). The TIA failed to achieve the necessary support of the Technical Committee on technical merit and emergency nature, when balloted prior to submission to the Standards Council.</p> <p>Standard Council Member Jeffrey Foisel recused himself from the discussion and vote on this TIA.</p>
19-8-16	<p>The Council voted to issue proposed Tentative Interim Amendment (TIA) to revise Section 6.13.4.2 of the 2017 and Proposed 2020 Editions of NFPA 58, <i>Liquefied Petroleum Gas Code</i>, (TIA No. 1424). The TIA achieved the necessary support of the Technical Committee on technical merit and emergency nature when balloted prior to submission to the Standards Council.</p>
19-8-17	<p>The Council voted to not issue proposed Tentative Interim Amendment (TIA) to revise Article 210.8 and Informational Note No. 3(new) of the 2017 Edition of NFPA 70, <i>National Electrical Code</i>[®] (TIA No. 1453). The TIA failed to achieve the necessary support of the Panel on technical merit and emergency nature and the Correlating Committee on correlation and emergency nature respectively, when balloted prior to submission to the Standards Council.</p> <p>Standard Council Member Michael Johnston recused himself from the discussion and vote on this TIA.</p>
19-8-18	<p>The Council voted to not issue proposed Tentative Interim Amendment (TIA) to revise Article 600.5(D)(2) of the Proposed 2020 Edition of NFPA 70, <i>National Electrical Code</i>[®] (TIA No. 1426). The TIA failed to achieve the necessary support of the Panel on technical merit and emergency nature and the Correlating Committee on correlation and emergency nature respectively, when balloted prior to submission to the Standards Council.</p>

	Standard Council Member Michael Johnston recused himself from the discussion and vote on this TIA.
19-8-19	<p>The Council voted to issue proposed Tentative Interim Amendment (TIA) to revise Article 725.121(C) of the Proposed 2020 Edition of NFPA 70, <i>National Electrical Code</i>® (TIA No. 1438). The TIA achieved the necessary support of the Panel on technical merit and emergency nature and the Correlating Committee on correlation and emergency nature respectively, when balloted prior to submission to the Standards Council.</p> <p>Standard Council Member Michael Johnston recused himself from the discussion and vote on this TIA.</p>
19-8-20	<p>The Council voted to issue proposed Tentative Interim Amendment (TIA) to revise Article 210.52 (C)(2) of the Proposed 2020 Edition of NFPA 70, <i>National Electrical Code</i>® (TIA No. 1442). The TIA achieved the necessary support of the Panel on technical merit and emergency nature and the Correlating Committee on correlation and emergency nature respectively, when balloted prior to submission to the Standards Council.</p> <p>Standard Council Member Michael Johnston recused himself from the discussion and vote on this TIA.</p>
19-8-21-d	<p>D#19-13: At its meeting of August 5-7, 2019, the Standards Council considered an appeal from Chad Jones of Cisco Systems. The appeal requests that the Standards Council overturn the Correlating Committee’s ballot results and issue TIA No. 1444 on the proposed 2020 Edition of NFPA 70®, <i>National Electrical Code</i>®. Specifically, the appeal requests that the Standards Council issue TIA No. 1444 which seeks to revise Section 725.121(C) to provide a consistent label format for new PSEs.</p> <p>As background, TIA No. 1444 was balloted through Code-Making Panel 3 (CMP 3) and the National Electrical Code Correlating Committee (CC) in accordance with the <i>Regulations Governing the Development of NFPA Standards (Regs)</i> to determine whether the necessary three-fourths majority support was achieved on technical merit, correlation and emergency nature required to establish recommendation for issuance. The ballot passed CMP 3 on both technical merit and emergency nature, while the CC ballot passed on correlation and failed on emergency nature.</p> <p>When a TIA fails to achieve the recommendation of the responsible committees, the resulting recommendation of the standards development process is to not issue the TIA.</p> <p>On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated. In the present case, since the filing of the appeal by Mr. Jones, the CC has advised the Standards Council that despite the prior ballot results yielding a lack of support for the TIA on emergency nature, the CC is supportive of issuance of TIA No. 1444.</p> <p>The Council has reviewed the entire record concerning this matter and has considered all the arguments put forth in this appeal. In this case, given the support from CMP 3, support from the CC ballot on correlation, and the subsequent statement of support from the Correlating Committee, the Council has voted to uphold the appeal. The effect of this action is that the text of TIA No. 1444 will be included in NFPA 70, <i>National Electrical Code</i>, 2020 Edition.</p>

	<p>Council Member Michael Johnston recused himself from the deliberations and vote on the appeal.</p>
19-8-22	<p>The Council voted to issue proposed Tentative Interim Amendment (TIA) to revise Article 240.67(C) and Informational Note (new) of the Proposed 2020 Edition of NFPA 70, <i>National Electrical Code</i>® (TIA No. 1451). The TIA achieved the necessary support of the Panel on technical merit and emergency nature and the Correlating Committee on correlation and emergency nature respectively, when balloted prior to submission to the Standards Council.</p> <p>Standard Council Member Michael Johnston recused himself from the discussion and vote on this TIA.</p>
19-8-23	<p>The Council voted to issue proposed Tentative Interim Amendment (TIA) to revise Article 240.87(C) and Informational Note (new) of the Proposed 2020 Edition of NFPA 70, <i>National Electrical Code</i>® (TIA No. 1452). The TIA achieved the necessary support of the Panel on technical merit and emergency nature and the Correlating Committee on correlation and emergency nature respectively, when balloted prior to submission to the Standards Council.</p> <p>Standard Council Member Michael Johnston recused himself from the discussion and vote on this TIA.</p>
19-8-24	<p>The Council voted to issue proposed Tentative Interim Amendment (TIA) to revise Annex Example D3 of the Proposed 2020 Edition of NFPA 70, <i>National Electrical Code</i>® (TIA No. 1455). The TIA achieved the necessary support of the Panel on technical merit and emergency nature and the Correlating Committee on correlation and emergency nature respectively, when balloted prior to submission to the Standards Council.</p> <p>Standard Council Member Michael Johnston recused himself from the discussion and vote on this TIA.</p>
19-8-25	<p>The Council voted to not issue proposed Tentative Interim Amendment (TIA) to revise Article 334.10(2) and (3) of the 2017 and Proposed 2020 Edition of NFPA 70, <i>National Electrical Code</i>® (TIA No. 1458). The TIA failed to achieve the necessary support of the Panel on technical merit and emergency nature and the Correlating Committee on correlation and emergency nature respectively, when balloted prior to submission to the Standards Council.</p> <p>Standard Council Member Michael Johnston recused himself from the discussion and vote on this TIA.</p>
19-8-26	<p>The Council voted to issue proposed Tentative Interim Amendment (TIA) to delete Table 430.252 in its entirety of the Proposed 2020 Edition of NFPA 70, <i>National Electrical Code</i>® (TIA No. 1462). The TIA achieved the necessary support of the Panel on technical merit and emergency nature and the Correlating Committee on correlation and emergency nature respectively, when balloted prior to submission to the Standards Council.</p> <p>Standard Council Member Michael Johnston recused himself from the discussion and vote on this TIA.</p>
19-8-27	<p>The Council voted to not issue proposed Tentative Interim Amendment (TIA) to revise Section 8.10.6 of the 2019 Edition of NFPA 86, <i>Standard for Ovens and Furnaces</i> (TIA No. 1439). The TIA failed to achieve the necessary support of the Technical Committee on technical merit and emergency nature, when balloted prior to submission to the Standards Council.</p>
19-8-28	<p>The Council voted to issue proposed Tentative Interim Amendment (TIA) to revise Section 8.5.1.9(3) of the 2019 Edition of NFPA 86, <i>Standard for Ovens and Furnaces</i> (TIA No. 1440). The TIA achieved the necessary support of the Technical Committee on technical merit and emergency nature, when balloted prior to submission to the Standards Council.</p>

<p>19-8-29</p>	<p>The Council voted to not issue proposed Tentative Interim Amendment (TIA) to add new paragraphs 7.2.12.1.1(4) (new) and 7.2.12.2.6(new) to the 2018 and Proposed 2021 Editions of NFPA 101[®], <i>Life Safety Code</i>[®] (TIA No. 1405). The TIA failed to achieve the necessary support of the Technical Committee on technical merit and emergency nature and the Correlating Committee on correlation and emergency nature respectively, when balloted prior to submission to the Standards Council.</p> <p>Standards Council Members Kenneth Bush and James Quiter recused themselves from the discussion and vote on this TIA.</p>
<p>19-8-30-d</p>	<p>D#19-18: At its meeting of August 5-7, 2019, the Standards Council considered an appeal from John Woestman of Kellen Company, representing Builders Hardware Manufacturers Association. The appeal requests that the Standards Council overturn the Technical Committee Aaction and not issue TIA No. 1436 on NFPA 101[®], <i>Life Safety Code</i>[®], 2018 Edition. Specifically, the appeal requests that the Standard Council not issue TIA No. 1436 which seeks to permit two non-simultaneous releasing operations on classroom doors.</p> <p>As background, TIA No. 1436 was balloted through the Technical Committee on Educational and Day-Care Occupancies (TC) and the Correlating Committee on Safety to Life (CC) in accordance with the <i>Regulations Governing the Development of NFPA Standards (Regs)</i>, to determine whether the necessary three-fourths majority support was achieved on technical merit, correlation, and emergency nature required to establish recommendation for issuance. The ballot passed the TC on technical merit and emergency nature, and passed the CC on correlation and emergency nature.</p> <p>When a TIA achieves the recommendation of the responsible committees, as in the present case, the resulting recommendation of the standards development process is to issue the TIA. On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated.</p> <p>The Council has reviewed the entire record concerning this matter and has considered all the arguments put forth in this appeal. In the view of the Council, this appeal does not present any clear and substantial basis upon which to overturn the results yielded by the NFPA standards development process. Accordingly, the Council has voted to deny the appeal. The effect of this action is that NFPA 101, <i>Life Safety Code</i>, 2018 Edition, will include the text of TIA No. 1436.</p> <p>Council Members Ken Bush, James Quiter, and Rodger Reiswig recused themselves from the deliberations and vote on the appeal.</p>
<p>19-8-31</p>	<p>The Council voted to not issue proposed Tentative Interim Amendment (TIA) to revise Section 9.6.13.1(2)(d), 9.6.13.2.1(7), 11.3.19.2.1(7), and 11.3.9.2.2.7 of the 2019 Edition of NFPA 1221, <i>Standard for the Installation, Maintenance, and Use of Emergency Services Communications Systems</i> (TIA No. 1435). The TIA failed to achieve the necessary support of the Technical Committee on technical merit and emergency nature, when balloted prior to submission to the Standards Council.</p>
<p>19-8-32</p>	<p>The Council voted to issue proposed Tentative Interim Amendment (TIA) to revise Sections 7.1.1.3, 7.1.3.2.2.1, 7.1.3.5.1, 7.2.2.1, and 7.2.2.5 of the Proposed 2020 Edition of NFPA 1851, <i>Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting</i> (TIA No. 1445). The TIA achieved the necessary support of the Technical Committee on technical merit and emergency nature and the Correlating</p>

	Committee on correlation and emergency nature respectively, when balloted prior to submission to the Standards Council.
19-8-33	The Council voted to issue proposed Tentative Interim Amendment (TIA) to revise Sections 11.3.7.3 thru 11.3.7.5 of the Proposed 2020 Edition of NFPA 1851, <i>Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting</i> (TIA No. 1446). The TIA achieved the necessary support of the Technical Committee on technical merit and emergency nature and the Correlating Committee on correlation and emergency nature respectively, when balloted prior to submission to the Standards Council.
19-8-34	The Council voted to issue proposed Tentative Interim Amendment (TIA) to revise Annex 12.2.4.3(1) of the Proposed 2020 Edition of NFPA 1851, <i>Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting</i> (TIA No. 1447). The TIA achieved the necessary support of the Technical Committee on technical merit and emergency nature and the Correlating Committee on correlation and emergency nature respectively, when balloted prior to submission to the Standards Council.
19-8-35	The Council voted to issue proposed Tentative Interim Amendment (TIA) to revise Annex 7.2.2.5 and Annex 9.1.6 of the Proposed 2020 Edition of NFPA 1851, <i>Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting</i> (TIA No. 1448). The TIA achieved the necessary support of the Technical Committee on technical merit and emergency nature and the Correlating Committee on correlation and emergency nature respectively, when balloted prior to submission to the Standards Council.
19-8-36	The Council voted to issue proposed Tentative Interim Amendment (TIA) to revise Table 11.3.9(c), and add new paragraphs 11.3.9.2.1 thru 11.3.9.2.4(new) to the Proposed 2020 Edition of NFPA 1851, <i>Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting</i> (TIA No. 1449). The TIA achieved the necessary support of the Technical Committee on technical merit and emergency nature and the Correlating Committee on correlation and emergency nature respectively, when balloted prior to submission to the Standards Council.
19-8-37	The Council voted to issue proposed Tentative Interim Amendment (TIA) to revise various sections of the Proposed 2020 Edition of NFPA 1851, <i>Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting</i> (TIA No. 1450). The TIA achieved the necessary support of the Technical Committee on technical merit and emergency nature and the Correlating Committee on correlation and emergency nature respectively, when balloted prior to submission to the Standards Council.
19-8-38-d	<p>D#19-15: At its meeting of August 5-7, 2019, the Standards Council considered an appeal from Korena Hallam of GREEN BUFFALOW, Ltd. The appeal requests that the Standards Council overturn the Technical Committee’s ballot results and issue TIA No. 1422 on NFPA 1977, <i>Standard on Protective Clothing and Equipment for Wildland Fire Fighting</i>, 2016 Edition. Specifically, the appeal requests that the Standards Council issue TIA No. 1422 which seeks to revise Table 6.1.14.3(a); revise cross references to 6.1.14.3; and add new Table 6.1.14.3(d). The proposed text is intended to provide clarification to minimum sizing requirements for protective upper torso garments, including a dedicated table of women’s sizing.</p> <p>As background, TIA No. 1422 was balloted through the Technical Committee on Wildland Fire Fighting Protective Clothing and Equipment (TC) and the Correlating Committee on Fire and Emergency Services Protective Clothing and Equipment (CC) in accordance with the <i>Regulations Governing the Development of NFPA Standards (Regs)</i> to determine whether the necessary three-fourths majority support was achieved on technical merit, correlation, and emergency nature required to establish recommendation for issuance. The ballot failed the TC on both technical and emergency nature, while the CC ballot passed on correlation and emergency nature.</p>

	<p>When a TIA fails to achieve the recommendation of the responsible committees, the resulting recommendation of the standards development process is to not issue the TIA.</p> <p>On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated.</p> <p>The Council has reviewed the entire record concerning this matter and has considered all the arguments put forth in this appeal. In the view of the Council, this appeal does not present any clear and substantial basis upon which to overturn the results yielded by the NFPA standards development process. Accordingly, the Council has voted to deny the appeal. The effect of this action is that the 2016 Edition of NFPA 1977, <i>Standard on Protective Clothing and Equipment for Wildland Fire Fighting</i> will not include the text of TIA No. 1422.</p> <p>The Council notes that a task group of interested parties has already been assembled to further review minimum sizing requirements for protective upper torso garments, and, if appropriate, propose a revised Tentative Interim Amendment. Council encourages the task group to continue this work, and also encourages stakeholders and the Technical Committee to continue working on this issue within the current revision cycle.</p>
19-8-39	<p>The Council voted to not issue proposed Tentative Interim Amendment (TIA) to add new paragraphs 6.6.4.3, 6.6.4.3.1 and 6.6.4.3.2 to the 2019 Edition of NFPA 1981, <i>Standard on Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services</i> (TIA No. 1420). The TIA failed to achieve the necessary support of the Technical Committee on technical merit and emergency nature and the Correlating Committee on correlation and emergency nature respectively, when balloted prior to submission to the Standards Council.</p> <p>Standards Council Member Patricia Gleason recused herself from the discussion and vote on this TIA.</p>
19-8-40	<p>The Council voted to issue proposed Tentative Interim Amendment (TIA) to revise Section 8.4.12.3 of the 2018 Edition of NFPA 1992, <i>Standard on Liquid Splash-Protective Ensembles and Clothing for Hazardous Materials Emergencies</i> (TIA No. 1428). The TIA achieved the necessary support of the Technical Committee on technical merit and emergency nature and the Correlating Committee on correlation and emergency nature respectively, when balloted prior to submission to the Standards Council.</p>
19-8-41	<p>The Council voted to not issue proposed Tentative Interim Amendment (TIA) to add new paragraphs 7.1.1.6 and 7.1.1.7 to the 2018 Edition of NFPA 1992, <i>Standard on Liquid Splash-Protective Ensembles and Clothing for Hazardous Materials Emergencies</i> (TIA No. 1429). The TIA failed to achieve the necessary support of the Technical Committee on technical merit and emergency nature and the Correlating Committee on correlation and emergency nature respectively, when balloted prior to submission to the Standards Council.</p> <p>Standards Council Member Patricia Gleason recused herself from the discussion and vote on this TIA.</p>
19-8-42	<p>The Council voted to issue proposed Tentative Interim Amendment (TIA) to add a new paragraph 7.6.2.8 (renumber subsequent paragraphs), and revise A.7.6.2.9.1 of the 2018 Edition of NFPA 1994, <i>Standard on Protective Ensembles for First Responders to Hazardous Materials Emergencies and CBRN Terrorism Incidents</i> (TIA No. 1431). The TIA achieved the necessary support of the Technical Committee on technical merit and emergency nature and the</p>

	Correlating Committee on correlation and emergency nature respectively, when balloted prior to submission to the Standards Council.																																				
19-8-43	<p>The Council voted to not issue proposed Tentative Interim Amendment (TIA) to add and amend various paragraphs, including cross references to the 2018 Edition of NFPA 1994, <i>Standard on Protective Ensembles for First Responders to Hazardous Materials Emergencies and CBRN Terrorism Incidents</i> (TIA No. 1432). The TIA failed to achieve the necessary support of the Technical Committee on technical merit and emergency nature and the Correlating Committee on correlation and emergency nature respectively, when balloted prior to submission to the Standards Council.</p> <p>Standards Council Member Patricia Gleason recused herself from the discussion and vote on this TIA.</p>																																				
19-8-44	<p>The Council voted to not issue proposed Tentative Interim Amendment (TIA) to add various new paragraphs in Chapters 6, 7 and 8 of the 2018 Edition of NFPA 1994, <i>Standard on Protective Ensembles for First Responders to Hazardous Materials Emergencies and CBRN Terrorism Incidents</i> (TIA No. 1433). The TIA failed to achieve the necessary support of the Technical Committee on technical merit and emergency nature and the Correlating Committee on correlation and emergency nature respectively, when balloted prior to submission to the Standards Council.</p> <p>Standards Council Member Patricia Gleason recused herself from the discussion and vote on this TIA.</p>																																				
19-8-45	<p>The Council voted to not issue proposed Tentative Interim Amendment (TIA) to add 7.2.1.2.5(new), 7.2.1.2.6(new), 7.3.1.2.3(new), 7.3.1.2.4(new), 7.4.1.2.5(new),7.4.1.2.6(new), 7.5.1.2.5(new), and 7.5.1.2.6(new) to the 2018 Edition of NFPA 1994, <i>Standard on Protective Ensembles for First Responders to Hazardous Materials Emergencies and CBRN Terrorism Incidents</i> (TIA No. 1434). The TIA failed to achieve the necessary support of the Technical Committee on technical merit and emergency nature and the Correlating Committee on correlation and emergency nature respectively, when balloted prior to submission to the Standards Council.</p> <p>Standards Council Member Patricia Gleason recused herself from the discussion and vote on this TIA.</p>																																				
19-8-46	<p>The Council voted to not issue proposed Tentative Interim Amendment (TIA) to add new paragraphs 11.2.12.1.1(4)(new) and 11.2.12.2.6(new) to the 2018 and Proposed 2021 Edition of NFPA 5000®, <i>Building Construction and Safety Code</i>® (TIA No. 1457). The TIA failed to achieve the necessary support of the Technical Committee on technical merit and emergency nature and the Correlating Committee on correlation and emergency nature respectively, when balloted prior to submission to the Standards Council.</p> <p>Standards Council Members Kenneth Bush and James Quiter recused themselves from the discussion and vote on this TIA.</p>																																				
19-8-47	<p>The Council voted to approve the request from NFPA Committees to change revision cycles for the following documents:</p> <table border="1"> <thead> <tr> <th>Doc No.</th> <th>Current Edition</th> <th>Next Rev Cycle</th> <th>Cycle Change</th> <th>Permanent or One Time Move</th> <th>Revision Cycle For Each Document</th> </tr> </thead> <tbody> <tr> <td>120</td> <td>2015</td> <td>F2019</td> <td>F2024 to F2022</td> <td>1X move</td> <td>5 to 3 year revision cycle</td> </tr> <tr> <td>122</td> <td>2015</td> <td>F2019</td> <td>F2024 to F2022</td> <td>1X move</td> <td>5 to 3 year revision cycle</td> </tr> <tr> <td>496</td> <td>2017</td> <td>A2020</td> <td>A2024 to A2023</td> <td>Permanent Move</td> <td>4 to 3 year revision cycle</td> </tr> <tr> <td>497</td> <td>2017</td> <td>A2020</td> <td>A2024 to A2023</td> <td>Permanent Move</td> <td>4 to 3 year revision cycle</td> </tr> <tr> <td>499</td> <td>2017</td> <td>A2020</td> <td>A2024 to A2023</td> <td>Permanent Move</td> <td>4 to 3 year revision cycle</td> </tr> </tbody> </table>	Doc No.	Current Edition	Next Rev Cycle	Cycle Change	Permanent or One Time Move	Revision Cycle For Each Document	120	2015	F2019	F2024 to F2022	1X move	5 to 3 year revision cycle	122	2015	F2019	F2024 to F2022	1X move	5 to 3 year revision cycle	496	2017	A2020	A2024 to A2023	Permanent Move	4 to 3 year revision cycle	497	2017	A2020	A2024 to A2023	Permanent Move	4 to 3 year revision cycle	499	2017	A2020	A2024 to A2023	Permanent Move	4 to 3 year revision cycle
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19-8-48	<p>The Council reviewed correspondence from the Correlating Committee Chair for Dusts, regarding the consolidation of the Combustible Dust Standards into chapters within a single standard. The Correlating Committee requested an opportunity to investigate other possible paths as an alternative to creating a single combustible standard.</p> <p>After review of all the material presented, the Council acknowledges that the direction in the 2011 Council guidance was less than clear, although the Council encourages interested stakeholders to review the 2010-2011 Combustible Dust Task Group Meeting Minutes (included in the August 2019 Standards Council Agenda as item 19-8-48) to recall the lengthy prior discussions related to a long-term vision for a single standard on Combustible Dusts. Notwithstanding its history, Council supports the formation of a Task Group to explore potential approaches to develop improved, streamlined, and noncontradictory standards addressing hazards of combustible dusts across multiple occupancies/industries. The Council would like the Correlating Committee to report back to the Council with recommendations for an approach and timeline for completion no later than March 15, 2020.</p>					
19-8-49	<p>The Council received a request to develop a document that would identify the minimum job requirements for personnel engaged in specified roles that support fire service organizations, but who are not engaged in traditional firefighting activities. At its December 2018 meeting, the Council asked staff to work with interested stakeholders to determine if the development of such standards would be: (1) appropriate for assignment to the Fire Fighter Professional Qualifications Committee; and if so (2) best included within NFPA 1001 or best as a new standard.</p> <p>At the direction of Council, Staff assembled a Task Group comprised of various members of the Technical Committee on Fire Fighter Professional Qualifications, as well as other interested stakeholders. The Task Group determined that the subject matter should fall under the responsibility of the Fire Fighter Professional Qualifications Committee and could be included into NFPA 1001 as long as the Committee scope was revised to include fire service support personnel. The full Committee was balloted on the Task Group findings and support the recommendation. After a review of all the material before them, the Council voted to approve the minimum job requirements for personnel engaged in specified roles that support fire service organizations, but who are not engaged in traditional firefighting activities, be the responsibility of the Fire Fighter Professional Qualifications Committee and that these requirements should be added to NFPA 1001. In addition, the Council approved the change to the scope of the Committee, as follows:</p> <p style="text-align: center;">APPROVED Committee Scope: This Committee shall have primary responsibility for documents on professional competence qualifications required of the fire fighters and <u>fire service support personnel</u>.</p>					
19-8-50	<p>The Council voted to approve the request of the Technical Committee on Wildland Fire Fighting Protective Clothing and Equipment to enter proposed document NFPA 1877, <i>Standard on Selection, Care, and Maintenance of Wildland Fire Fighting Protective Clothing and Equipment</i> into the F2020 revision cycle. This document was returned to the Technical Committee by the Fire and Emergency Services Protective Clothing and Equipment Correlating Committee for further study.</p>					
19-8-51	<p>The Council voted to approve the request of Preet Bassi, Center for Public Safety Excellence, Inc., and Denis Onieal, US Fire Administration, to develop a standard on fire service analysts</p>					

	<p>and information technical specialist professional qualifications. At this meeting, the Council approved the project, a balanced roster, and the following scope:</p> <p>APPROVED Committee Scope: This Committee shall have primary responsibility for documents on the professional qualifications for personnel who use, manage, review, analyze, support, or evaluate data and related technical systems in public safety agencies.</p> <p>See related Minute Item 19-8-55-b</p>
19-8-52	<p>At the April 2019 Standards Council Meeting, the Council reviewed the request of Ted Williams, American Gas Association, to develop a standard on the location and installation of residential fuel gas detectors. After a review of all the material before them at this meeting, the Council voted to approve the project, a balanced roster, and the following scope:</p> <p>APPROVED Committee Scope: This Committee shall have primary responsibility for documents on the installation, performance, maintenance, testing, and use of fuel gases warning equipment for the protection of life, property and mission continuity. This Committee shall address the selection, installation, operation, and maintenance of fuel gases warning equipment.</p> <p>See related Minute Item 19-8-55-c</p>
19-8-53	<p>The Council heard a report from Council Member Gary Keith on Factory Mutual’s Research Technical Report on the <i>Evaluation of Sprinkler Fire Protection of Retail Sales of Consumer Fireworks</i> (https://www.fmglobal.com/research-and-resources/research-and-testing/research-technical-reports). After a review of all of the material, the Council voted to forward FM’s Technical Report to the NFPA Research Foundation with a request for an analysis of whether the test performed by FM is consistent with the test plan previously developed by the Research Foundation. Once complete, the Research Foundation should report back to the Council with their findings.</p> <p>The Council also clearly expressed that no NFPA Committees are currently authorized to develop standards for the storage and retail sales of consumer fireworks or for the use of fireworks by members of the public. See Standards Council’s Decision#14-1 for NFPA’s policy on fireworks.</p> <p>The Council thanks Factory Mutual for developing the Research Technical Report on the <i>Evaluation of Sprinkler Fire Protection of Retail Sales of Consumer Fireworks</i>.</p> <p>Standards Council Member Gary Keith abstained from the discussion and vote on this Minute Item.</p>
19-8-54	<p>The Council approved the request of the Emergency Responder & Responder Safety (ERRS) Division cycle changes of the remainder of the documents changing cycles due to the ERRS consolidation plan. The Council approved the Schedule for Phase 2, 3, 4 and 5 of the ERRS Consolidation Plan at this meeting.</p>
19-8-55-a	<p>The Council considered the Membership Task Group’s recommendations on pending applications for committee membership and took action on each. Changes in committee membership approved by the Council are found in Minutes Attachment 19-8-55-a.</p>
19-8-55-b	<p>The Council approved the start-up roster for the Technical Committee on Fire Service Analysts and Informational Technical Specialists Professional Qualifications.</p>
19-8-55-c	<p>The Council approved the start-up roster for the Technical Committee on Fuel Gases Warning Equipment.</p>
19-8-55-d	<p>The Council approved the start-up roster for the Technical Committee on Emergency Responders Occupational Health.</p>

19-8-55-e	The Council approved the start-up roster for the Technical Committee on Spaceports and allowance for multi-rep committee membership.
19-8-55-f	The Standards Council discussed a request to modify the membership policy on members reapplying to the Committee after a change in status and voted to not change the policy.
19-8-56	The Council heard a Report of the Policy and Procedures Task Group.
19-8-57	The Council heard a Report from the Recording Secretary on the April 2019 Minutes.
19-8-58	The Council reviewed the dates and locations of upcoming Council meetings, as follows: December 5-6, 2019 TBD April 1-2, 2020 TBD August 10-12, 2020 (Revised) Quincy, MA December 2-3, 2020 TBD
19-8-59	The Council voted to approve the request of the Technical Committee on Tactical and Technical Operations Respiratory Protection Equipment to approve proposed document, NFPA 1987, <i>Standard on Combination Unit Respirator Systems for Tactical and Technical Operations</i> , and open it for Public Input in the Fall 2021 revision cycle.

Respectfully submitted,

Linda J. Fuller, Recording Secretary
NFPA Standards Council