

1 NATIONAL FIRE PROTECTION ASSOCIATION

2 ANNUAL 2015

3 TECHNICAL MEETING

4 Wednesday, June 24, 2015

5
6 STENOGRAPHIC REPORT OF PROCEEDINGS

7 had in the above-entitled matter held at the
8 McCormick Place Convention Center, Grand Ballroom,
9 Chicago, Illinois, commencing at 2:01 o'clock p.m.

10
11 PRESENT:

12 MR. KERRY BELL, Chair,

13 Standards Council

14 MS. BONNIE E. MANLEY, Member,

15 Standards Council

16 MR. RICHARD P. OWEN, Member,

17 Standards Council

18 MS. DAWN MICHELLE BELLIS, Secretary of the

19 Standards Council

20 MS. LINDA FULLER, Staff Coordinator

21 MS. SALLY P. EVERETT, General Counsel

22
23 Reported by: Anna M. Morales, CSR, RMR

24 License No.: 084-002854



1 (whereupon, the following
2 proceedings commenced at
3 2:02 o'clock p.m.)

4 MR. OWEN: Good afternoon, ladies and
5 gentlemen. Welcome to the 25th NFPA Technical
6 Meeting. Please take a moment to familiarize
7 yourself with the room noting exits in the event of
8 the need to evacuate. Be aware that the nearest
9 exit may be behind you. The alarm signal at the
10 McCormick Convention Center is an announcement over
11 the building's public address system followed by
12 horns and the strobe lights. In the event of an
13 evacuation situation, do not use the elevators. If
14 you are a person with disabilities who has not
15 already made arrangements with NFPA staff for
16 emergency evacuation, please see someone at the
17 Registration Desk. More details may also be found
18 in the "More C&E Information" in the mobile app or
19 on Page 8 of the Conference Guide.

20 The Regulations governing the Development
21 of NFPA Standards (referred to as the Regulations)
22 govern the NFPA Standards Development Process,
23 including the processing of Certified Amending
24 Motions at the NFPA Technical Meetings. The



1 complete Regulations are available on NFPA's
2 website and are also published in the NFPA 2015
3 Standards Directory.

4 During the Technical Meeting, the use of
5 recording devices of any type is prohibited.

6 As a participant in the process and as an
7 attendee, you should familiarize yourself with the
8 Guide for Conduct of Participants in the NFPA Codes
9 and Standards Development Process as the Guide
10 applies to conduct at this meeting.

11 Additionally of importance to be familiar
12 with are the NFPA Convention Rules. The Convention
13 Rules establish the process for today's session.
14 Both the Convention Rules and the Guide for Conduct
15 documents are included in the 2015 NFPA Standards
16 Directory and are available on the NFPA's website.

17 The Certified Amending Motions of today's
18 session were previously reviewed by the Motions
19 Committee and certified for action at this meeting
20 in accordance with the Regulations. The motions
21 will be taken in the published order of the Motions
22 Committee Report and as included in the NFPA
23 Technical Meeting Tech Session June 24-25, 2015,
24 agenda. For viewing, please the see the NFPA



1 website or the NFPA mobile app. The agenda
2 combines all Certified Amending Motions from the
3 Fall 2014 and Annual 2015 Motions Committee Reports
4 and identifies which motions will be considered
5 each day of the Technical Meeting. Only Certified
6 Amending Motions and subsequent allowable follow-up
7 motions as determined by the presiding officer will
8 be entertained at this meeting.

9 An authorized person must sign in in
10 accordance with the Convention Rules to indicate
11 his or her presence and intention to pursue their
12 Certified Amending Motion. Statements for the
13 record or a statement concerning the Technical
14 Committee actions for which no Certified Amending
15 Motions or follow-up motion is available are not
16 permitted.

17 For Technical Meetings, a quorum is to be
18 established prior to conducting business and
19 consideration of the Certified Amending Motions.
20 should the quorum be challenged and found to have
21 been lost during proceedings, the session would
22 terminate without further action by the membership.
23 Any Certified Amending Motions not acted upon as a
24 result would be forwarded directly to the Standards



1 Council without recommendations of this meeting for
2 action in accordance with Section 4.7 of the
3 Regulations. Any motions to amend or return that
4 have passed prior to a loss of quorum would be
5 processed and forwarded to the Standards Council in
6 accordance with the Regulations, Section 4.5.3,
7 4.6, and 4.7.

8 Any appeal based on the Technical Meeting
9 actions must be filed by the Standards Council by
10 July 15, 2015, that is, 20 days following this
11 meeting. An appeal for any amendment passed at
12 this meeting which fails Technical Committee ballot
13 shall be filed no later than five days after
14 publication of the Technical Committee ballot
15 results in accordance with Section 4.2.6 of the
16 Regulations. Typically, results of the amended
17 ballots are published within 20 days of the
18 Technical Meeting's adjournment.

19 The votes cast at the Technical Meeting in
20 conjunction with the debate prior to voting are an
21 integral and important contribution to NFPA's
22 consensus process. Through motions, debate, and
23 voting, you, our NFPA membership, make
24 recommendations to the Standards Council. The



1 majority votes today -- results today are for the
2 sole purpose of providing recommendations to the
3 Standards Council prior to the issuance of the
4 standards. The Standards Council decision on
5 issuance is based on the entire record before it,
6 including the discussion and the resulting votes of
7 the Technical Meeting. The Standards Council will
8 meet on August 17-20 to make those decisions.

9 In accordance with the regulations, voting
10 at NFPA Technical meetings is limited to those
11 voting members of the Association who are
12 physically present. Voting members are identified
13 by white badges with a red strip at the top and
14 should be seated in the front areas of the room,
15 and only voting members should be seated in these
16 areas, please.

17 Presiding officers do not vote on matters
18 before the membership.

19 voting will be recorded and entered
20 through the electronic devices issued at today's
21 registration. During the session, no voice or hand
22 votes be will counted or recognized. In the event
23 of a tie vote, the issue fails.

24 Once the session begins today, the



1 presiding officer will recognize each authorized
2 maker of the motion or designee in the published
3 agenda order. At that time, to proceed, the maker
4 must approach a green microphone to present the
5 motion. Following presentation, the Chair of the
6 responsible Technical Committee will be recognized
7 by the presiding officer and will present the
8 position of the Technical Committee. The floor is
9 then open for discussion.

10 Anyone in attendance has the privilege of
11 participating, speaking either in support or
12 opposition of the motion. Please preface all
13 remarks with your name, company or organizational
14 affiliation and whether you are speaking in favor
15 or against the presented motion. Again, identify
16 yourself by name, company, organizational
17 affiliation and position each time you address the
18 membership.

19 Green signs indicate microphones for
20 supporters of the motion. Red signs indicate
21 microphones for opponents of the motion. Please go
22 to the appropriately colored microphone in order to
23 be recognized by the presiding officer.

24 In accordance with the Regulations



1 Governing NFPA Sections, a section may present a
2 position on a motion at the Technical Meeting. The
3 position of a section does not necessarily reflect
4 the views of all section members but minimally must
5 have been established by a majority of members with
6 25 or more votes cast. The position of a section
7 is accorded no special status in the NFPA Standards
8 Development Process and may be weighed and assessed
9 as you deem appropriate.

10 In addition, you should be aware no one
11 participating in this meeting is authorized to
12 speak or act on behalf of NFPA. Views expressed
13 during the debate, including those expressed on
14 behalf of NFPA Technical Committees or others
15 operating within the NFPA system do not necessarily
16 reflect the view of NFPA.

17 To efficiently conduct this meeting, the
18 presiding officer will allow each speaker three
19 minutes to speak unless it becomes necessary to
20 shorten this time. With one minute remaining, a
21 bell will sound and the time will appear on the
22 center screen. This is your cue that you have one
23 minute remaining of your allotted speaking time.

24 Following close of debate, the membership



1 will be asked to vote on the motion. Once the vote
2 is final on all motions for a document, the
3 presiding officer will announce that follow-up
4 motion on any successful amending motion will be
5 entertained. A follow-up motion requires two
6 seconders to continue on the floor. The maker of
7 any follow-up motion shall explain why the motion
8 is in order before the presiding officer makes a
9 determination as to whether the motion is a proper
10 follow-up motion. If determined proper, debate on
11 the floor follows the same order as Certified
12 Amending Motions.

13 As presentation and debate of each motion
14 continues, five screens behind me will display the
15 text of the motion. Screen one will show the
16 recommended text if the motion passes. You can see
17 the screens are numbered at the bottom, or
18 reference members to the electronic agenda should
19 the motion's text be lengthy. Screen two will show
20 the recommended text of the Technical Committee and
21 if the motion fails. The center screen will show
22 the actual motion and what the IMAG camera captures
23 during debate.

24 Following close of a motion's debate and



1 membership vote, the center screen will display the
2 total number of votes in favor and in opposition to
3 the motion.

4 As a reminder, you are responsible for
5 your voting device. Each device has been linked to
6 the voting member's name, and if the device is not
7 returned or is broken, you will be held responsible
8 for its replacement. At no time are you to provide
9 your device to someone else to input your vote.

10 Anyone found with multiple devices will be asked to
11 leave the technical meeting. You should return
12 your devices to the NFPA staff at the table outside
13 the room as you leave the meeting today.

14 Together, we'll make this NFPA Technical
15 Meeting a success. We thank you in advance for
16 your participation and welcome any comments you may
17 share and suggest improvements for further events.

18 I would now like to introduce Kerry Bell,
19 Chairman of the NFPA Standards Council. Kerry.

20 MR. BELL: Thank you very much, Dick, and good
21 afternoon, ladies and gentlemen. Welcome to the
22 2015 Technical Meeting. It's my distinct pleasure
23 to serve as Chair of your Standards Council, and I
24 want to take a moment here to introduce some



1 individuals at the table.

2 On my immediate left, where she just left
3 or she's behind me now, okay, is Linda Fuller, who
4 is the Recording Secretary of the Standards
5 Council. At the middle of the table, actually
6 she's over there at the podium right now, she sits
7 in the middle of the table is Dawn Michelle Bellis,
8 who is the Secretary of the Council. And then on
9 the left side of the table over there, we have
10 Sally Everett, who is the NFPA's General Counsel.

11 Now as many of you know, NFPA Standards
12 Development Process is a consensus process that
13 encourages anyone to participate who is interested
14 in improving safety and reducing fire loss. Now as
15 a part of this process, we have countless
16 volunteers who freely share their time and
17 expertise in developing standards that reduce fire
18 risk and safety -- and enhance safety concerns.

19 It's my pleasure here this afternoon to
20 introduce some individuals who have exhibited
21 outstanding service to the NFPA process by giving
22 them a Committee Service Award. Now the Committee
23 Service Award is an award that is given to a
24 Technical Committee member for continuous service



1 over an extended period of time and who is
2 recognized as participating and contributing to
3 this Technical Committee for an extended period.

4 So with that in mind, I want to share this
5 award with several individuals who are at the table
6 here, and the first award goes to Daniel Dahl. Is
7 Daniel in the room? Okay. Daniel, please come on
8 up to the stage.

9 MS. BELLIS: Daniel Dahl, Morrison Hershfield
10 Corporation in Atlanta, Georgia, serves on the
11 Technical Committees on Aerosol, Extinguishing
12 Technology from 2002 to present, being chair since
13 2005; and Garages and Parking Structures, 2002 to
14 present. (Applause.)

15 MR. BELL: Our next award winner is
16 Dale Dressel. Please join me in congratulating
17 Dale.

18 MS. BELLIS: Dale Dressel of Solutia in
19 St. Louis, Missouri, serves on the Technical
20 Correlating Committee on Boiler Combustion Systems
21 Hazards, 1988 until present, being chair from 1995
22 to 2004; the Boiler Combustion System Hazards
23 Technical Committee on Multiple Burner Boilers from
24 1988 to present; and Single Burner Boilers from



1 1988 to present, being chair since 2011.

2 (Applause.)

3 MR. BELL: Our next award winner is a very
4 worthy award winner, Jeffrey Harrington.

5 MS. BELLIS: Jeffrey Harrington of Harrington
6 Group, Incorporated, in Duluth, Georgia, serves on
7 the Technical Committee of Gaseous Fire
8 Extinguishing Systems from 2005 to present, chair
9 2005 to 2015; Hybrid Water and Inert Gas Fire
10 Extinguishing Systems, appointed as chair in 2015;
11 and Halon Alternative Protection Options, 1991
12 through 2005, serving as the chair from 2000 until
13 2005.

14 MR. BELL: Let's congratulate Jeff.

15 (Applause.)

16 I'm also pleased to present this award to
17 Dr. James Milke. Jim, please come to the stage.

18 MS. BELLIS: Dr. James Milke of the University
19 of Maryland in College Park, Maryland, serves on
20 the Technical Committees on Smoke Management, 1987
21 to present, serving as chair from 1997 through
22 2006; Building Code/Safety to Life Means of Egress
23 Committee from 1991 till 2008; Fire Tests from 1982
24 to 2011. In 2007, he received a special



1 Achievement Award for Smoke Management Systems.
2 Jim served as a member of the Standards Council
3 from 2000 to 2014.

4 MR. BELL: Let's congratulate Jim. (Applause.)
5 Let's welcome our next Committee Service award
6 winner, John oaks.

7 MS. BELLIS: John Oates of the Town of East
8 Hartford in Grandbury, Connecticut, serves on the
9 Technical Committee on Safety Motor at Sports
10 Venues, 1999 until the present, serving as chair
11 since 2005. (Applause.)

12 MR. BELL: Now our next Committee Service Award
13 winner goes to Nancy Pearson.

14 MS. BELLIS: Nancy Pearson of Centerpoint
15 Energy, Incorporated, in Minneapolis, Minnesota,
16 serves on the Technical Committees on Vehicular
17 Alternative Fuel Systems, 1991 until present,
18 serving as chair since 2003; and the LP Gases at
19 Utility Gas Plants, 1997 till present. (Applause.)

20 MR. BELL: The next Committee Service Award
21 goes to Fay Purvis. Congratulations, Fay.

22 MS. BELLIS: Fay Purvis of Vector Fire
23 Technology, Incorporated, in Coatesville,
24 Pennsylvania, serves on the Technical Committee on



1 Foam from 1987 to present, being chair since 2005.

2 (Applause.)

3 MR. BELL: I am also pleased to present a
4 Committee Service Award to Dave Stymiest.

5 MS. BELLIS: David Stymiest of Smith Seckman
6 Reid, Incorporated, Nashville, Tennessee, serves on
7 the Technical Committee on Emergency Power Supplies
8 from 2000 to present, serving as chair since 2005.

9 (Applause.)

10 MR. BELL: We do have one final Committee
11 Service Award who was not able to make it here
12 today. So we would like to acknowledge and thank
13 him for his service.

14 MS. BELLIS: The NFPA Technical Committee
15 member who was unable to join us today is
16 Dr. Donald C. Cooper, Ohio Division of the State
17 Fire Marshal, Cuyahoga Falls, Ohio. Donald serves
18 on the Technical Committees on Technical Search and
19 Rescue from 1995 to present, and he has been chair
20 since 2005. He also served on Emergency Management
21 and Business Continuity from 1999 through 2007.

22 MR. BELL: Let's share our appreciation for all
23 these award winners this afternoon. (Applause.)

24 So thank you very much, and I'm going to



1 turn the floor back over here to our presiding
2 officer, Dick Owen.

3 MR. OWEN: Thank you, Kerry. I have the
4 distinct pleasure and privilege of being a member
5 of our Standards Council, and as presiding officer,
6 I declare that a quorum is present for purposes of
7 conducting business.

8 Today's session will include Certified
9 Amending Motions related to NFPA 33, 520, and 11.

10 Before we move on to the business of the
11 day, let's be certain you confirm your voting
12 devices are operational. The sample motion you see
13 on the screens are ready for your review. There we
14 go.

15 The test motion on the floor is for
16 NFPA 2015. It is Motion 2015-1. This is going to
17 be a tough one. Screen one displays the
18 recommended text of the motion if it successfully
19 passes. Screen two displays the text if the motion
20 fails. On the center screen is the motion under
21 consideration. This is what you will see for each
22 motion under consideration of the Technical
23 Meeting.

24 The motion on the floor is to accept



1 Public Comment Number 14. Is there any further
2 discussion on Motion 2015-1 to accept Public
3 Comment Number 14? Seeing none, we will move to
4 vote on Motion 2015-1. On your tablet, you will
5 see the motion number that is being balloted.
6 Touch the vote button for that identified motion.
7 This will initiate the screen where you will vote.
8 If you wish to vote in favor of the motion, touch
9 yes, the green background. If you wish to vote
10 against the motion, touch no, the red background.
11 Please note you may change your vote until my
12 announcement that voting is closed. Please record
13 your vote now. Five seconds. Balloting is now
14 closed.

15 The results of the test vote are 126 yes,
16 101 no. Motion passes. We'll all meet for pizza
17 after. The motion has passed.

18 The tablet will automatically return to
19 the home page after recording your vote for each
20 motion. If for any reason you leave the Tech
21 session and turn in your tablet, upon your return,
22 the staff will rescan your badge and assign you
23 another tablet. Because your voting is linked to
24 your NFPA badge ID, a newly assigned tablet will



1 recall your votes from earlier and record any new
2 votes.

3 Following the conclusion of each day's
4 session, all recorded votes will be purged. NFPA
5 will not maintain anyone's voting record. As I
6 said, the tablet is assigned by the NFPA badge ID
7 and you will be responsible for returning them at
8 the end of the session. A help desk is available
9 at the back of the Tech Session should you have any
10 questions, concerns or experience difficulties.

11 For the last two years, we have noticed
12 that agendas for the Tech Session have less
13 Certified Amending Motions than in prior years. We
14 would like to think that is due to the transparency
15 of the new process making it easier to view each of
16 the new edits. So as we conclude the first day of
17 Tech Session 2015, we would like to take some time
18 to discuss your thoughts about the new process, the
19 NITMAM process, and scheduling Tech Sessions in the
20 future. Please plan to stay following the Tech
21 Session to voice your opinion as to what is
22 successful, what we can improve upon, and changes
23 that will be of a benefit to you, our membership,
24 for consideration and implementation at next year's



1 event.

2 Now that you're hopefully comfortable with
3 the process that we will follow during the session,
4 let's begin.

5 The first report under consideration this
6 afternoon is that of Technical Committee on
7 Finishing Processes. Here to present the committee
8 report is Committee Chair Thomas Euson of 3S
9 Incorporated, Harrison, Indiana. The committee
10 report, that is, the First and Second Draft
11 reports, are located on the document information
12 page for **NFPA 33** and on the NFPA website. The
13 Certified Amending Motions are contained in the
14 NFPA Technical Meeting Tech Session Agenda and will
15 be displayed behind me on the screen.

16 We will proceed in the order of the motion
17 sequence number presented. Mr. Euson.

18 MR. EUSON: Mr. Chair, ladies and gentlemen,
19 the report on the Technical Committee on Finishing
20 Processes is presented for adoption and can be
21 found in the First Draft Report and in the Second
22 Draft Report of the 2014 Fall Meeting Revision
23 Cycle. The Technical Committee has published the
24 First and Second Draft Report consisting of



1 Revisions NFPA 33, Standard for Spray Application
2 Using Flammable or Combustible Materials. These
3 reports were submitted to letter ballot of the
4 responsible Technical Committee. The reports and
5 the ballot results can be found in the next edition
6 tab of the document information page for NFPA 33 at
7 www.nfpa.org/33next. I don't know if I need to
8 read the rest of all that.

9 MR. BELL: It's up to you.

10 MR. EUSON: We present our document for
11 adoption.

12 MR. BELL: Thank you, Mr. Euson. Let's now
13 proceed with the discussion on the Certified
14 Amending Motions on NFPA 33. Microphone 1, please.

15 MR. HIRSCHLER: My name is Marcelo Hirschler
16 from GBH International, and I hereby move
17 Motion 33.1 to accept Comment 33-14.

18 MR. BELL: Thank you. There's a motion on the
19 floor to accept Public Comment Number 14. Is there
20 a second?

21 A VOICE: Second.

22 MR. BELL: I hear a second. Please proceed
23 with the discussion on the motion, Mr. Hirschler.

24 MR. HIRSCHLER: This is a purely editorial



1 thing to comply with the NFPA Manual of Style. I
2 will start by reading five sections of the NFPA
3 Manual of Style verbatim.

4 "Definitions shall not be written in
5 mandatory language.

6 "A definition shall only describe the term
7 being defined.

8 "Definitions shall be in the format of a
9 bold term followed by the definition phrase to form
10 a single paragraph unit.

11 "Definitions shall not contain
12 requirements.

13 "References to other documents or sections
14 of a document, notes, lists, footnotes, cautions,
15 warnings or figures shall not be permitted in
16 definitions."

17 As you can see on the screen, what the
18 motion does is eliminate the reference to a section
19 of the document and send it to the annex note. The
20 Committee stated that the deletion suggested
21 changes the meaning and then it says, no
22 alternative wording was suggested by the submitter.

23 The Technical Committee wants to continue
24 using a definition that does not comply with more



1 than one of the clauses in the Manual of Style as I
2 have read to you before. The Committee wants me to
3 invent a new technical definition but insists that
4 it still contain a requirement and, thus, continues
5 being in conflict with the Manual of Style.

6 Instead, the solution that I proposed and
7 that's in the motion is very simple and clear. It
8 eliminates the conflicts with the Manual of Style
9 and permits the committee to continue using the
10 term as needed in the appropriate fashion.

11 I hope you will support the motion. Thank
12 you.

13 MR. BELL: Thank you. Mr. Euson, would you
14 like to offer the Committee's position?

15 MR. EUSON: Thank you. The Technical Committee
16 considered Mr. Hirschler's comments at their second
17 draft meeting. During that review, the Technical
18 Committee noted that Mr. Hirschler's comments were
19 new material that had been only introduced at the
20 comments stage.

21 The Committee recommends that you reject
22 the motion for the following reasons: The
23 definition, as currently written, does not
24 establish requirements but rather refers the user



1 to Chapter 14, Section 14.3 which establishes the
2 requirements under which the provisions normally
3 required for spray booths and spray areas can be
4 modified under very specific conditions that are
5 set forth in what the Committee calls a Limited
6 Finishing Work Station.

7 The Technical Committee has identified no
8 acceptable alternative way to specify what a
9 Limited Finishing Work Station is without
10 specifying what those requirements are in
11 Chapter 14.

12 The definition, as currently written, does
13 not contain these requirements but simply refuses
14 -- refers the user to Chapter 14. The deletion of
15 text changes the meaning of the definition
16 completely. By removing the text proposed by
17 Mr. Hirschler, the definition is so vague as to
18 lead the user to believe that a Limited Finishing
19 Work Station can simply be a ventilation duct. As
20 proposed, the definition could lead to a fire
21 explosion hazard by allowing the user to
22 misinterpret the Code or the meaning.

23 Finally, as mentioned earlier, the
24 proposed change only came in at the comments stage



1 and was considered new material that had not been
2 reviewed at the input stage. Based on the material
3 not being filed at the public input stage for the
4 reasons stated previously, the Technical Committee
5 rejected PC Number 14. The Committee suggested
6 that Mr. Hirschler propose alternative wording
7 during the revision -- next revision cycle and
8 retains the important reference to Chapter 14 and
9 also addresses Mr. Hirschler's concern.

10 The Technical Committee on Finishing
11 Processes respectfully urges you to reject this
12 motion.

13 MR. BELL: Thank you, Mr. Euson. That will
14 open up the debate on the motion. Please provide
15 your name, affiliation, whether you're speaking in
16 support of or against the motion. Microphone 1.

17 MR. HIRSCHLER: Marcelo Hirschler,
18 GBH International, in support of the motion.

19 Let me start, the Chairman said that this
20 does not contain requirements. It says, meets the
21 requirements. So it does contain requirements.
22 Manual of style says no section of a document or a
23 document shall be referenced in definition. They
24 reference Section 14.3 of a document. It was with



1 regard to the issue this was introduced in the
2 comments stage. If this motion was out of order,
3 the committee accepting amending motions would not
4 have accepted it.

5 This is simply getting the stuff in
6 accordance with the Manual of Style. The vast
7 majority of NFPA committees have done the work of
8 completing the actions to comply with the Manual of
9 style. I pointed out that this does not comply
10 with the Manual of style in several instances.

11 Thank you.

12 MR. BELL: Thank you. Microphone 6.

13 MR. RAIFSNIDER: Geoffrey Raifsnider,
14 mechanical engineer with Global Finishing
15 Solutions. I'm also the secretary of the Technical
16 Committee on Finishing Processes. I'm representing
17 myself, and I am speaking against this motion.

18 As a manufacturer of this equipment, we
19 actually make a Limited Finishing work Station, And
20 this change would create confusion in the industry.
21 So we certainly are against that.

22 Also, while there may be problems with the
23 existing language, it did not go through the full
24 approval process and the public input phase and



1 then the comment phase, and we strongly urge you to
2 reject this motion. Thank you.

3 MR. BELL: Thank you. Any further discussion?
4 Mr. Chairman, any final comments before we vote?
5 Okay.

6 Seeing none, we will move to vote. Before
7 we vote, let me restate the motion. The motion on
8 the floor is to accept Public Comment Number 14.
9 To vote, touch the vote button now. If you wish to
10 vote in favor of the motion and recommend the text
11 on screen one, touch yes. If you wish to vote
12 against the motion and recommend the text on screen
13 two, touch no. Please record your vote now. Five
14 seconds. The balloting is closed. Thank you.

15 The results of the vote are 183 against,
16 50 in favor. The motion fails.

17 We will now proceed with the discussion on
18 Certified Amending Motion 33-2. Microphone 1,
19 please.

20 MR. HIRSCHLER: Marcelo Hirschler, GBH
21 International, and I hereby move Motion 33.2 to
22 accept Comments 33.10, 11, 12, and 13.

23 A VOICE: Second.

24 MR. BELL: Okay. Do we have a second?



1 A VOICE: Second.

2 MR. BELL: All right. We have a second.
3 Somebody's still awake. Mr. Hirschler, please
4 continue.

5 MR. HIRSCHLER: Okay. I'm going to read again
6 the sections of the Manual of Style. This is
7 purely a Manual of Style issue.

8 "Definitions shall not be written in
9 mandatory language.

10 "A definition shall only describe the term
11 being defined.

12 "Definitions shall be in the format of a
13 bold term followed by the definition phrase to form
14 a single paragraph unit.

15 "Definition shall not contain
16 requirements.

17 "References to other documents or sections
18 of a document, notes, lists, footnotes, cautions,
19 warnings or figures shall not be permitted in
20 definitions."

21 The Technical Committee wants to continue
22 using definitions that do not comply with more than
23 one of the clauses of the Manual of Style.

24 what we're dealing with in this case is



1 the definitions of limited combustible material and
2 noncombustible material. I thought the actual text
3 was going to be shown, but it isn't. The
4 definition of limited combustible material refers
5 to NFPA 259 and requires that a limited combustible
6 material must have a specific flame spread index, a
7 specific smoke develop index, a specific heat
8 content based on NFPA 259, if you leave here
9 noncombustible material requires that it shall
10 comply with ASTM E136. So both contain the
11 requirements that comply with specific documents.

12 The committee says they would like to
13 maintain the definition within the definition
14 chapter and they do not want to put it anywhere
15 else. They want to continue using definitions that
16 don't comply with more than one of the clauses of
17 the Manual of Style.

18 The solution proposed was adopted by a
19 whole slew of other documents. I'm going to give
20 you a list of some of them. The solution proposed
21 simply puts a point in section 3 of definitions for
22 both limited combustible material and
23 noncombustible material, places definitions as
24 extracted from NFPA 5000, interplays within the



1 body of the standard where they can be referenced
2 and made into a requirement.

3 The reason for the four comments are the
4 comments referred to individual sections. NFPA
5 staff recommended four comments be combined into
6 one motion to complete the action. This approach
7 has been adopted by a whole series of NFPA
8 documents including the following key documents:
9 NFPA 1, Fire Code; NFPA 101, Life Safety Code; 5000
10 Building Code, 52, 55, 98, 90B, 99, 130, 220, 285,
11 501, 502, 909, 914, 1124. That's not a complete
12 list. It's a list of most of the documents that
13 have -- that use these definitions. This is
14 something that's been going through the vast
15 majority of the NFPA system.

16 Please support the motion and make this
17 consistent with the Manual of Style and with the
18 major documents in NFPA. Thank you.

19 MR. BELL: Thank you. Just a reminder to
20 people that some of the text, if it's too large,
21 cannot be shown on the screens. So please refer to
22 your agenda for the entire text of all these
23 motions.

24 Mr. Euson, would you like to offer the



1 Committee's position?

2 MR. EUSON: Thank you. The Technical Committee
3 considered Mr. Hirschler's comments at the second
4 draft meeting. During that review, the Technical
5 Committee noted Mr. Hirschler's comments were new
6 material that had not been introduced at the
7 comments stage.

8 The committee did not outright reject
9 Mr. Hirschler's request to move the definition to
10 Chapter 5, but rather voted to reject to hold his
11 four comments in accordance with NFPA Regulation
12 4.4.8.3.1 which state that the Technical Committee
13 can in processing any comments presents new
14 material that has not had time to be considered at
15 the second draft meeting. The material was
16 presented -- the material was not presented at the
17 public input at the first draft meeting.

18 The Committee would like additional time
19 to consider how to make the suggested changes in
20 accordance with the Manual of Style but in a way
21 that also meets the Committee's desire to maintain
22 definitions within the definitions chapter.

23 The Committee also considered referencing
24 NFPA 5000 instead of 2020 as currently referenced.



1 The Technical Committee is responsible for two
2 documents, NFPA 30 and 34, requiring these two
3 documents to mirror one another to the extent
4 possible. The Committee needs additional time to
5 review the comment, determine how to modify the
6 requirements of NFPA 34 so that it also mirrors the
7 requirements in 33.

8 Mr. Hirschler argues that the definitions
9 of not noncombustible and limited combustibile
10 contain requirements. The Committee believes there
11 is no requirement in the existing definition, but
12 rather a description of what can be called limited
13 combustibile or noncombustibile. Nowhere in the
14 definition does it state the material shall
15 contain -- consist of something. For example, if
16 the definition stated "noncombustibile material
17 shall be made of steel", that would be a
18 requirement.

19 In the opinion of the Technical Committee,
20 stating that a noncombustibile material will not
21 ignite, burn or support combustion when subject to
22 an ASTM test is not a requirement but merely a
23 description of the parameters within which the
24 material is defined as being noncombustibile.



1 The Committee urges you to reject this
2 motion.

3 MR. BELL: Thank you, Mr. Euson. With that, we
4 will open up the debate on the motion. Please
5 provide your name and affiliation, whether you're
6 speaking in support of the motion or against it.
7 Microphone 1.

8 MR. HIRSCHLER: Marcelo Hirschler, GBH
9 International, in support of the motion.

10 Limited combustible materials, building
11 construction material not complying with
12 noncombustible, that has a potential heat value
13 when tested so-and-so and complies with so-and-so.
14 These are requirements. These are requirements.

15 This exact same -- and what all the motion
16 says is extract this from 5000 as has been done in
17 the whole list of documents that I read to you
18 before.

19 And, again, I don't want to keep going
20 back to the same thing that I said before. The
21 Manual of Style is very clear. There shall be no
22 reference in the definition of any other documents.
23 References to other documents or sections of a
24 document shall not be permitted in definitions.



1 Both of these definitions are referenced into other
2 documents, ASTM E136, NFPA 259. These definitions
3 have requirements. They say that a noncombustible
4 material shall comply with this, that, and the
5 other. This exact same thing has been done in all
6 these other major codes, 1, 101, 5000. I read you
7 the whole list before.

8 Please make NFPA 33 consistent with all
9 the other major NFPA documents. Thank you.

10 MR. BELL: Thank you. Microphone 6.

11 MR. RAIFSNIDER: Geoffrey Raifsnider, Global
12 Finishing Solutions, representing myself and
13 speaking against the motion.

14 In accepting this motion, it would place
15 both the definition of limited combustible and
16 noncombustible in Chapter 5. Chapter 5 does
17 contain the requirements for the construction of
18 spray areas and spray booths. However, the
19 standard uses the definition of noncombustible for
20 more than just the construction. It's also used
21 when describing the material that is sprayed during
22 the application operation.

23 The proposal does not appear to take this
24 usage into account. It would need to be revised to



1 ensure that the use of this defined term is
2 properly maintained throughout the document. As
3 suggested by the Committee, the original proposal
4 or any modifications the proponent may wish to make
5 should be considered during the next revision cycle
6 as this had introduced new material and has not had
7 adequate time for public review.

8 Therefore, I urge you to reject this
9 motion on the basis that it reduces the clarity of
10 the document and it did not follow proper
11 procedures to ensure sufficient review. Thank you.

12 MR. BELL: Is there any further discussion?
13 Any further discussion on group amending motion
14 33-2 to accept Public Comments Number 10, 11, 12,
15 and 13. Mr. Chairman, any final words? All right.
16 Thank you, Mr. Chair.

17 Before we vote, let me restate the motion.
18 The motion on the floor is a group amending motion
19 to accept Public Comments Number 10, 11, 12, and
20 13. To vote, touch the vote button. If you wish
21 to vote in favor of the motion and recommend the
22 text on screen one, touch yes. If you wish to vote
23 against the motion and recommend the text on screen
24 two, touch no. Please record your vote. Five



1 seconds. Voting is closed.

2 194 against the motion, 42 in favor of the
3 motion. The motion fails.

4 Is there any further discussion on
5 NFPA 33? Hearing none, we'll move on to the next
6 document. Thank you, Mr. Euson.

7 MR. EUSON: Thank you.

8 MR. BELL: Before we begin the next document, I
9 would like to introduce Bonnie Manley, member of
10 the Standards Council who will be the presiding
11 officer for the next two documents. Bonnie.

12 MS. MANLEY: Good afternoon. The next report
13 under consideration this afternoon is that of the
14 Technical Committee on Subterranean Spaces. Here
15 to present the Committee report is Committee Chair
16 Jack Poole of Poole Fire Protection, Incorporated,
17 of Kansas.

18 The committee report, that is, the First
19 and Second Draft Reports, are located on the
20 document information page for **NFPA 520** on the NFPA
21 website. The Certified Amending Motions are
22 contained in the NFPA Technical Meeting Tech
23 session Agenda and will be displayed behind me on
24 the screen.



1 We will proceed in the order of the motion
2 sequence number presented. Mr. Poole?

3 MR. POOLE: Madam Chair, ladies and gentlemen,
4 the report of the Technical Committee on
5 Subterranean Spaces is presented for adoption and
6 can be found in the First and in the Second Draft
7 of the 2014 Fall Meeting Revision Cycle.

8 The Technical Committee has published a
9 First and Second Draft consisting of revisions of
10 NFPA 520, Standard on Subterranean Spaces. These
11 reports were submitted to letter ballot to the
12 responsible Technical Committee. The reports and
13 ballot results can be found in the next edition tab
14 of the document information page for NFPA 520 at
15 www.nfpa.org\520next.

16 MS. MANLEY: Thank you, Mr. Poole. Let's now
17 proceed with the discussion on the Certified
18 Amending Motion on NFPA 520. Microphone 1, please.

19 MR. HIRSCHLER: Marcelo Hirschler,
20 GBH International, and I hereby move to accept
21 Amending Motion 520-1 to accept Public Comments
22 Number 1 and Number 2.

23 A VOICE: Second.

24 MS. MANLEY: We do have a second. Please



1 proceed with the discussion on the motion.

2 MR. HIRSCHLER: This --

3 MS. MANLEY: Let me just restate the motion.
4 I'm sorry. The motion is to accept Public Comments
5 Number 1 and 2. Thank you.

6 MR. HIRSCHLER: At this time, you can actually
7 see the text on the screen. You can see that the
8 definition says "The material is reported as
9 passing shall be considered noncombustible
10 materials." At the previous discussion which was a
11 similar item, the Committee said that the word
12 "shall" was not included. Well, as you can see,
13 the word "shall" is included.

14 The Manual of Style says "Definitions
15 shall not be written in mandatory language." This
16 is clearly mandatory language, "shall".
17 "Definitions shall not contain requirements." It
18 clearly contains a requirement. "Reported as
19 passing ASTM E136." Definitions shall not have --
20 refer to other documents. This refers to ASTM
21 E136. That clearly is another document.

22 The Technical Committee wants to continue
23 using definitions that does not comply with several
24 of the clauses of the Manual of Style. This



1 solution proposes a pointer. I wanted to point out
2 again NFPA 1, NFPA 101, 5000, and a whole slew of
3 other documents, the vast majority of the documents
4 use these -- that define the terms limited
5 combustible, noncombustible have done this to
6 comply with the Manual of Style.

7 I understand that the previous motion
8 failed. I hope you will consider and reconsider
9 because this is what the Manual of Style says, and
10 if we're not going to follow the Manual of Style,
11 what's the point in having a Manual of Style?

12 MS. MANLEY: Mr. Poole, would you like to offer
13 the Committee's position?

14 MR. POOLE: Yes. Thank you. The Technical
15 Committee considered Mr. Hirschler's comment on
16 their second draft meeting. During the review, the
17 Technical Committee determined that Mr. Hirschler's
18 comments violated the NFPA Manual of Style and,
19 upon balloting, rejected Public Comments Number 1
20 and 2.

21 Mr. Hirschler contends that the definition
22 of noncombustible within NFPA 520 conflicts with
23 the current editions within the 2015 edition of
24 NFPA 5000 and includes requirements. Nowhere in



1 the definition contained in NFPA 520 does it state
2 that the materials shall consist of something. The
3 example of the definitions stated that a
4 noncombustible material shall be made of metal,
5 then the requirement would exist within the
6 definition.

7 In the opinion of the Technical Committee,
8 the definition of noncombustible material is not a
9 requirement.

10 Further, the Technical Committee during
11 the review believes further that Mr. Hirschler's
12 proposed text violates the NFPA Manual of Style.
13 For these reasons, the Technical Committee urges
14 you to reject 520-1.

15 MS. MANLEY: Thank you, Mr. Poole. With that,
16 we will open up debate on the motion. Please
17 provide your name and affiliation and whether you
18 are speaking in support of or against the motion.
19 Microphone 1, please.

20 MR. HIRSCHLER: Marcelo Hirsch,
21 GBH International, in support of the motion.

22 How can taking out the definition in
23 Chapter 3 and putting it elsewhere in the document
24 violate the Manual of Style? Manual of Style --



1 and I read you all of the sections that are
2 relevant to this -- does not say anything about
3 definitions that are not there. This refers to a
4 definition that I'm taking it out just like we've
5 done in the other documents.

6 And this is clearly a requirement.

7 "Materials that pass E136 shall be considered." We
8 use throughout the NFPA system "shall" for
9 requirements. ASTM E136 is clearly a document that
10 is different from the document NFPA 520 where we
11 are in here. There's no way this complies with the
12 Manual of Style.

13 MS. MANLEY: Is there any further discussion on
14 Group Amending Motion 520-1 to accept Public
15 Comment Numbers 1 and 2? Mr. Chair, would you like
16 to make a closing?

17 MR. POOLE: No, thanks.

18 MS. MANLEY: Seeing none, we will move to a
19 vote. Before the vote, let me restate the motion.
20 The Group Amending Motion on the floor is to accept
21 Public Comment Numbers 1 and 2. To vote, please
22 touch the vote button. If you wish to vote in
23 favor of the motion and recommend the text on
24 screen one, touch yes. If you wish to vote against



1 the motion and recommend text on screen two, touch
2 no. Please record your vote. Five seconds.

3 Balloting is closed. Thank you.

4 The results of the vote are 141 against
5 the motion and recommend the text on screen two and
6 95 for the motion and recommend the text on
7 screen one. The motion has failed.

8 Is there any further discussion on
9 NFPA 520? Seeing none, we will move on to the next
10 document. Thank you, Mr. Poole.

11 MR. POOLE: Thank you.

12 MS. MANLEY: Before we move on to the last
13 document, I would like to remind everyone to remain
14 in the room for an informal discussion regarding
15 the process.

16 The last report under consideration this
17 afternoon is that of the Technical Committee on
18 Foam. Here to present the committee report is the
19 Committee Chair Fay Purvis of Vector Fire
20 Technology, Incorporated, Coatesville,
21 Pennsylvania. The committee report, that is, the
22 Second and Draft Reports, are located on the
23 document information page for **NFPA 11** on the NFPA
24 website. The Certified Amending Motions are



1 contained in the NFPA Technical Meeting Tech
2 Session Agenda and will be displayed behind me on
3 the screen.

4 We will proceed in the order of the motion
5 sequence number presented. Mr. Purvis?

6 MR. PURVIS: Madam Chair, ladies and gentlemen,
7 the report of the Technical Committee on Foam is
8 presented for adoption and can be found in the
9 First Draft and in the Second Draft for the 2014
10 Fall Meeting Revision Cycle.

11 The Technical Committee has published a
12 First and Second Draft Report consisting of
13 revisions to NFPA 11 Standard for Low, Medium, and
14 High Expansion Foam. These reports were submitted
15 to letter ballot of the responsible Technical
16 Committee. The reports and the ballot results can
17 be found on the next edition tab of the document
18 information page for NFPA 11 at www.nfpa.org/11next.

19 The presiding officer will now proceed
20 with the Certified Amending Motions.

21 MS. MANLEY: Thank you, Mr. Purvis. Motions
22 11-1 through 11-14 appeared on our agenda.
23 However, no one has signed in to make the Certified
24 Amending Motions. Therefore, in accordance with



1 NFPA Convention Rules at Section 2.7, these motions
2 may not be considered by the assembly as Certified
3 Amending Motions and are removed from the agenda.

4 We will now move on to the next motion.

5 Let's proceed with the discussion on Certified
6 Amending Motion 11-15. There you are.

7 Microphone 5. Thank you.

8 MR. DeLUCA: Jim DeLuca of Spec Services. I
9 recommend adoption of Motion 11-15.

10 MS. MANLEY: Thank you. There is a motion on
11 the floor to reject Second Revision Number 12. Is
12 there a second?

13 A VOICE: Second.

14 MS. MANLEY: We do have a second. Please
15 proceed with the discussion on the motion.

16 MR. DeLUCA: I originally submitted a change to
17 NFPA 11 to allow more use of carbon steel piping.
18 Thousands of petroleum tank systems are constructed
19 with welded carbon steel pipe. Metallurgists see
20 no reason to use galvanized piping. Galvanized
21 piping is not readily available in the sizes needed
22 for petroleum storage tank systems.

23 This forces me as the fire protection
24 engineer to submit a justification every time I



1 submit a plan check package for permitting. These
2 requests have always been approved, but they are
3 necessary if the code reflected proper materials.

4 Although the wording in the first revision
5 is not ideal, the change made to the second
6 provision to require carbon steel piping to be
7 filled with foam solution or water is not
8 practical. In order to do this, vent connections
9 would need to be added at the base of the foam
10 chambers which are typically over 40 feet in the
11 air. The line would then need to be filled and
12 vented at the base of each foam chamber.

13 There is no technical basis for this
14 requirement to be made for carbon steel pipe and
15 not for galvanized. Multiple papers have been
16 published indicating that galvanized piping
17 corrodes faster than black steel pipe under actual
18 operating conditions. In fact, the presentation
19 made earlier today at this conference indicated
20 that galvanized pipe fails three to four times
21 faster than carbon steel pipe under identical
22 conditions.

23 One committee member commented on the
24 second revision ballot that "carbon steel pipes



1 should be added without any restrictions." It
2 should be noted that this committee member is also
3 in the petroleum industry and his company has
4 thousands of storage tanks around the world and the
5 foam systems are fabricated out of welded carbon
6 steel pipe, not galvanized.

7 NFPA 13 has recognized problems with
8 galvanized pipe and has lowered C factors to move
9 the requirements for its use. The Department of
10 Defense and their unified facilities criteria, fire
11 protection engineering facilities states galvanized
12 piping is not permitted to be used in dry pipe,
13 pre-action or wet pipe sprinkler systems.

14 There's no reason not to use carbon steel
15 pipe in these systems, and there's no reason for
16 these additional requirements on its use.

17 MS. MANLEY: Mr. Purvis, would you like to
18 offer the Committee's position?

19 MR. PURVIS: Yes. I didn't make formal notes
20 on this, but I can tell you that our committee
21 formed up a task force group and spent a lot of
22 time looking at this issue and concluded that
23 galvanized pipe was indeed necessary. We looked at
24 many, many field installation situations where they



1 were tested after installation, and these foam
2 systems have typically small outlets, orifices at
3 the inlet of foam-making devices, and those
4 orifices can become clogged due to corrosion that
5 takes place in the pipe.

6 These systems typically contain
7 considerable pipe from the proportioning station
8 out to the foam-making devices; and, as a result
9 when they operate, all of that corrosion and
10 particles can be lodged in the foam-making
11 orifices. Many, many examples were shown to the
12 committee, and the task force made a recommendation
13 for the changes that are in the second draft based
14 on experience in the field that has shown that we
15 need to have improved corrosion characteristics on
16 the piping, hence, the reason for the galvanized
17 pipe recommendation.

18 The current motion really just addresses
19 closed outlets, and the intent was -- and most of
20 these systems that are used on storage tank
21 protection are open to atmosphere. There are no
22 closures. They're not like a wet closed head
23 sprinkler system or even a dry sprinkler system
24 where the outlets are closed. So as a result, in



1 many areas where you can get atmospheric conditions
2 which produce corrosion, that's going to take place
3 and has been seen in the past and I think will
4 continue to be unless there's some improvements
5 made in the piping to alleviate the corrosion.

6 The committee would recommend that you
7 reject this motion.

8 MS. MANLEY: Thank you, Mr. Purvis. With that,
9 we will open up debate on the motion. Please
10 provide your name, your affiliation, and whether
11 you are speaking in support of or against the
12 motion. Microphone 4, please.

13 MR. AARON: Thank you. My name is
14 Michael Aaron. I work with Jensen Hughes. I am
15 the secretary of the Committee on Aircraft
16 Facilities which writes NFPA 409.

17 MS. MANLEY: One second. I want to clarify
18 that you are speaking for the motion, sir.

19 Mr. AARON: Thank you. I'm speaking in favor
20 of the motion.

21 MS. MANLEY: Thank you.

22 MR. AARON: The use of galvanized pipe for foam
23 water solution is not restricted to fuel tanks. It
24 is also a common occurrence in NFPA 409 aircraft



1 hangar systems. And in these systems, we feel that
2 for the foam water pipe leading to discharge
3 devices that black steel is a preferable material
4 actually from a corrosion point of view and an
5 insulation point of view than galvanized steel.

6 In general, the members of the NFPA 409
7 Committee in the simple majority disagree with the
8 NFPA 11 Committee on this point; and, in fact,
9 further changes to NFPA 409 take exception to the
10 NFPA 11 requirements in this matter.

11 So I would just recommend that although
12 this language as I said before is not ideal, I
13 would prefer that black steel be permitted for
14 piping whether it is of deluge open style or closed
15 head style to be permitted for the foam water
16 solution, but this would be an improvement over the
17 current situation. Thank you.

18 MS. MANLEY: Is there any further discussion on
19 Motion 11-15 to reject Second Revision Number 12?

20 Seeing none, Mr. Chair, do you have any
21 final comments?

22 MR. PURVIS: With regard to NFPA 409, although
23 it wasn't the intent of 11 to address that, I can
24 say from personal experience that high expansion



1 foam systems do have open outlets. They are deluge
2 type systems. We find many times after going back
3 and testing those systems at the five-year interval
4 that there is severe clogging to the point where
5 these systems would not operate due to corrosion
6 getting clogged in strainers at the inlet of the
7 high expansion generators and in the water motor
8 part of them.

9 So I don't accept that, for NFPA 409
10 ignoring the corrosion issues and going with carbon
11 steel pipe is a good idea. Again, I would stress
12 rejecting this motion.

13 MS. MANLEY: Thank you, Mr. Chair. Before we
14 vote, let me restate the motion. The motion on the
15 floor is to reject Second Revision Number 12. To
16 vote, please touch the vote button. If you wish to
17 vote in favor of the motion and recommend the text
18 on screen one, touch yes. If you wish to vote
19 against the motion and recommend the text on
20 screen two, touch no. Please record your vote.
21 The balloting will be closed in five seconds. The
22 balloting is closed. Thank you.

23 The results of the vote are 113 for the
24 motion recommending the text on the screen one, and



1 96 against the motion and recommending the text on
2 screen two. The motion has passed.

3 Is there any further discussion on
4 NFPA 11? Thank you, Mr. Purvis.

5 This officially concludes this portion of
6 the 2015 Association Technical Meeting. I want to
7 thank you for your participation, interest, and
8 support. I now declare this part of the meeting
9 officially closed and would like to introduce
10 Dawn Michelle Bellis, the Secretary of this
11 Standards Council.

12 MS. BELLIS: Thank you, Bonnie. Well, it looks
13 like we just got started and we're already
14 concluding today.

15 First, I would like to thank you for your
16 participation in NFPA Standards Development
17 Process. Taking time from all that you do to bring
18 your experience and expertise to NFPA illustrates
19 your tremendous dedication and commitment to
20 improving safety that affects lives of everyone
21 every day.

22 As you know, this is our second annual
23 Tech Session with the new process, and with the
24 change in process, reform has brought many changes



1 as well, most of them obvious: Clarity of the
2 document text, screens which show the motions on
3 the floor, text should the motion pass, text should
4 the motion fail right there before you; and, of
5 course, our electronic voting devices with live
6 results of your votes.

7 Another obvious development we see today
8 is the decreased time spent in our Technical
9 Meetings debating motions on NFPA Standards. It
10 could partly be attributable to the new process and
11 the transparency afforded at each level of the
12 Standards Development Process. Public input,
13 complete first drafts, public comments, and
14 complete second draft reports are all visible 24/7
15 to anyone who wants to see those and follow the
16 documents through the entire process.

17 Despite the decreased number of the
18 NITMAMS filed, NFPA is actually seeing an increase,
19 happily so, and participation by new participants
20 which is encouraging and exciting. This year there
21 were a number of NITMAMS that were filed by
22 participants who had never been involved in our
23 process before.

24 To continue to serve our membership and



1 make improvements, we would like to hear what you
2 have to say about the Tech Session. We would like
3 for you to take this opportunity to give us your
4 thoughts and your feedback. We have six
5 microphones that are ready and waiting to hear from
6 you. We would like to hear things like what
7 changes we could or should make to make this Tech
8 session better for you, our members. What did you
9 like? What didn't work so well? What did work
10 well? And what improvements would you like to see?
11 Were your devices easy to use? Were they helpful
12 in confirming your votes that you could see your
13 votes today right before you after those votes
14 closed?

15 So, with that, please take the opportunity
16 to step to the microphones and give us your
17 feedback. You're all going to be that bashful on
18 me today? Really? Really? Microphone 3.

19 PARTICIPANT: I just wanted to compliment NFPA
20 on a few things that I really appreciate. I don't
21 think last year, unless I'm mistaken, there was
22 green for pass and red for fail, the headers at the
23 top of the screens, I really liked that. I think
24 that's simple, but it really makes it easy to



1 follow. The iPads and the ease of choosing yes or
2 no and then getting to see what your result was
3 immediately. And also I like the digital agenda as
4 opposed to the stacks of paperwork that we had in
5 the past.

6 so all of those things are making it much
7 more easy to participate and much more enjoyable to
8 participate in.

9 MS. BELLIS: Thank you. Microphone 1.

10 PARTICIPANT: I'm not for or against the
11 motion. I'll do that tomorrow. The one thing
12 since, you are now giving us iPads, it would be
13 nice to have the ability to access the agenda as
14 opposed to having to flip through the paperwork.
15 Since I've got some iPads myself, I know that they
16 have the capability of doing that is to maybe make
17 the iPad a little more purposeful rather than the
18 static page just to cast the votes.

19 MS. BELLIS: Thank you very much.
20 Microphone 5.

21 PARTICIPANT: As one of the makers of a NITMAM,
22 I found the instructions very confusing, and it
23 would be nice to get those clarified, put them in
24 plain English so that we can understand how to do



1 it better.

2 And the other thing was that there was
3 really no instructions as to how to prepare for the
4 session, and it would be nice to have some, you
5 know, this is -- we should have these items for
6 this line of presentation and this is some idea of
7 what you need to do.

8 I mean, I contacted NFPA and found out
9 what was going on, but it would be nice just to
10 have something that you send out to everybody to
11 describe that.

12 MS. BELLIS: Perhaps an attendee's checklist?
13 That's good feedback. Microphone 4.

14 PARTICIPANT: It's a small thing, but while
15 we're discussing the iPads, if the red and green
16 coating of the text on the screen did not run
17 opposite of the red and green background on the yes
18 and no on the iPads, it would create a little less
19 dissonance.

20 PARTICIPANT: Or is that a test?

21 MS. BELLIS: Very nice observation. Thank you.
22 Microphone 6.

23 PARTICIPANT: I just want to say I thought it
24 was great. Very easy to do. Very visual. It made



1 sense to everybody.

2 The other thing as far as being prepared
3 with NITMAMS and what you're looking at, I think at
4 the standards forum which totally could have been
5 better advertised, I had a hard time even finding
6 it, but the information you guys presented this
7 year in our standards forum was fantastic and could
8 have gone a long way with this.

9 MS. BELLIS: Thank you. Microphone 5.

10 MR. HAGUE: Thank you, Dawn. David Hague of
11 Liberty Mutual Insurance. I would like to go to
12 5 o'clock and finish early tomorrow. Just a
13 suggestion. (Applause.)

14 MS. BELLIS: I appreciate that comment. I will
15 say we're looking at the issue very closely. We
16 understand that today's short agenda may be an
17 anomaly. It may be indicative of a trend that
18 continues. We are looking at that very closely,
19 and we appreciate your patience and understanding
20 as we work through that. We're looking at -- and
21 that's what we would really like to have your
22 feedback on as well. What would work better for
23 you? Would you rather us starting it to be one
24 full day and we just go until we go? Perhaps



1 filling it up into two half days so we know on the
2 agenda that it's two half days? we're working
3 through that. So we appreciate your patience and
4 your feedback on that issue. Microphone 1.

5 PARTICIPANT: Dawn, Hi. I would like to echo
6 Dr. Clary's comments. I'm not really accustomed to
7 using a tablet because I use DOS.

8 MS. BELLIS: I use paper and pen.

9 PARTICIPANT: I just graduated from paper and
10 pen to DOS. But I think that having a lot of
11 references to the documents having a reference to
12 see the agenda for the whole text, it would be nice
13 if it was all pre-loaded on the tablet. So having
14 everything that you need to review for a vote there
15 would be a really good idea.

16 MS. BELLIS: Okay. Thank you. Microphone 6.

17 PARTICIPANT: I'm along with Art. I actually
18 had a slide rule. But, seriously, I used the
19 electronic a lot this week, and there's one little
20 tweak that I would suggest, and I had to use paper
21 to do it, just to see what's happening on the same
22 time period, what all the classes were on the same
23 time period. If that was on the electronic, it
24 would be much more helpful.



1 MS. BELLIS: Thank you. Microphone 5.

2 MR. DRAKE: Thank you, Dawn. Mark Drake with
3 Liberty Mutual. I appreciate the information and
4 visual presentation that is provided. It made it a
5 lot easier in voting and seeing the exact text of
6 what I was going to be voting for.

7 MS. BELLIS: Thank you. Microphone 1.

8 MR. REISWIG: A taller microphone would be nice
9 first.

10 MS. BELLIS: Okay. Taller microphone.

11 MR. REISWIG: Rodger Reiswig with Tyco Fire
12 Protection Products. I don't know if this is the
13 right venue or if this is what you're looking for
14 or not, but I'm hearing that some of the documents
15 that are coming out that we're working on now are
16 not going to have the changes visible for us. We
17 won't have the bar to show us that something has
18 changed or the doc to let us know that something
19 was deleted and the like and that we need to buy a
20 different version of the handbook to give us that.
21 And I think that's a mistake. I think a lot of
22 people are used to seeing that and need to see that
23 in the regular version of the documents. I would
24 urge NFPA not to go forward with that move.



1 (Applause.)

2 MS. BELLIS: Thank you. Thank you for that
3 comment. Microphone 3.

4 PARTICIPANT: I wanted to also suggest, too,
5 for the sound folks, if they could be alert to amp
6 up the sound especially in cases where with
7 Mr. Reiswig, he's very tall and the microphone is
8 down here, amp up the sound because it's tough to
9 hear. And also when those who are presenting the
10 motion are holding a lap top or a piece of paper
11 and they're looking this way, away from the
12 microphone rather than into the microphone, if they
13 get in such a way that they're talking into the
14 microphone or the Chair could remind them to do
15 that, that way we can hear and get the benefit of
16 what they're saying.

17 MS. BELLIS: Thank you so much. Microphone 3.

18 PARTICIPANT: The iPad is great. However, one
19 thing you may want to consider is once the vote has
20 been taken, that disappears off your screen instead
21 of showing how you voted.

22 MS. BELLIS: Thank you. All great. All great
23 feedback for us. Anyone else? Microphone 3.

24 MR. LACKORE: Roger Lackore with Oshkosh



1 Corporation. I'm sorry, I'm going to take the
2 opportunity to also ask one other thing related to
3 the Standards Development Process which is -- the
4 new system I think is awesome, all of the
5 electronics that we have, but as committee members
6 who do a lot of work with the documents, if we
7 could have some way to get a word copy of the draft
8 that we're working on rather than having to look at
9 it on line and retype things.

10 MS. BELLIS: Thank you. Does anyone else have
11 any comments? All right.

12 I want to again thank you all very much
13 for your participation today and especially for
14 your comments and feedback so we help make this
15 session more successful for both you and for NFPA.

16 If you have any comments, when you get
17 away from here and think, you know what, I wish I
18 had told them that, please e-mail me. My e-mail
19 address is dbellis@nfpa.org, and I look forward to
20 reading those comments. Thank you.

21 (Off the record at 3:12 p.m.)

22 (which were all the proceedings
23 had in the above cause this date
24 and time.)




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STATE OF ILLINOIS)
) SS:
COUNTY OF W I L L)

ANNA M. MORALES, as an Officer of the Court, says that she is a shorthand reporter doing business in the State of Illinois; that she reported in shorthand the proceedings of said meeting, and that the foregoing is a true and correct transcript of her shorthand notes so taken as aforesaid, and contains the proceedings given at said meeting.

IN TESTIMONY WHEREOF: I have hereunto set my verified digital signature this 2nd day of July, 2015.



Illinois Certified Shorthand Reporter



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