

1 NATIONAL FIRE PROTECTION ASSOCIATION
2 CONFERENCE AND EXPO

3
4 TECHNICAL MEETING (TECH SESSION)

5 MANDALAY BAY

6 Las Vegas, Nevada

7 Wednesday, June 11, 2014
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22 Reported by:

KIMBERLY M. LOWE

23 CCR No. 849

24 Job No. 1838197

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1 Las Vegas, Nevada, Wednesday, June 11, 2014

2 2:00 P.M.

3
4 P R O C E E D I N G S

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6
7 PRESIDING OFFICER: Good afternoon, ladies
8 and gentlemen. I have the distinct pleasure and
9 privilege of being a member of your Standards
10 Council. I now declare that a quorum exists and
11 convene the 2014 NFPA Technical Meeting.

12 To assist me is Linda Fuller, recording
13 secretary of the Standards Council, who is serving
14 as staff coordinator. I also like to introduce
15 Kerry Bell, Chair of the Standards Council;
16 Dawn Bellis, Secretary of the Standards Council,
17 Maureen Brodoff, NFPA Vice President and General
18 Counsel; Sally Everett, NFPA Associate General
19 Counsel, and Michael Wixted, Assistant Secretary of
20 the Standards Council.

21 This session will be reported by Veritext
22 of Las Vegas, Nevada.

23 First let me address our safety issues.
24 Let's take a minute and note the exits from this
25 room. Please note that the nearest exit may be

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1 behind you. Now that you've noted the closest exit
2 to you, I like to inform you that the fire alarm
3 signal at the Mandalay Bay Convention Center is a
4 slow whoop along with a flashing strobe light,
5 followed by a voice announcement.

6 Do not use the elevator. If you're a
7 person with a disability who have not made
8 arrangements with NFPA for emergency evacuation,
9 please see someone at the NFPA registration desk
10 outside this ballroom. More details can be found
11 in the More C and E information in the mobile app
12 or on page 9 of the conference guide.

13 As with any organization, we have certain
14 rules and protocols. First, the use of video
15 and/or audio recording devices of any type are not
16 allowed during the NFPA Technical Meeting. I'd
17 like to call your attention to the guide for
18 conduct of participants in the NFPA Codes and
19 Standards Development Process.

20 As a participant in this process, you
21 should be familiar with this guide. I'd also like
22 to call your attention to the NFPA convention rules
23 which sets the process to be followed today.
24 Copies of both documents are contained in the NFPA
25 directory, which is posted on the NFPA Web site,

1 with copies also available at the NFPA registration
2 desk.

3 The certified amending motions that
4 comprise the agenda for today's session will be
5 taken in the order as published on the NFPA Web
6 site and NFPA app and is entitled "NFPA Technical
7 Meeting (Tech Session) June 11-12, 2014 Agenda."

8 The primary regulations governing the NFPA's
9 standards development process, including the
10 processing of amending motions at the NFPA
11 Technical Meeting, are the regulations governing
12 the development of NFPA Standards and Regs. The
13 Regs are also posted on the NFPA Web site and
14 published in the 2014 Standards Directory.

15 I'd like to say a few words about the
16 action that can be taken today in the voting
17 procedures. At this session, you're being asked to
18 act on certain motions pertaining to technical
19 committee reports. The Technical Committee
20 reports, which are in two parts, the first draft
21 report and the second draft report, both of which
22 can be found on the document information pages for
23 each standard on the NFPA Web site.

24 Under convention rules, for a motion to be
25 considered for action at the NFPA Technical

1 Meeting, the intended maker of the motion must have
2 filed a notice of intent to make a motion or a
3 NITMAM prior to the published deadline of
4 August 23, 2013, for the fall 2013 revision cycle
5 standards, and February 7, 2014, for the annual
6 2014 revision cycle standards.

7 These NITMAMs were reviewed by a motion
8 committee appointed by the Standards Council chair.
9 The motion committee certifies the NITMAMs in
10 compliance with NFPA rules as certified amending
11 motions and published a final motions committee
12 report on October 18, 2013, for the fall 2013
13 revision cycle standards; April 4, 2014, for the
14 annual 2014 revision cycle standards.

15 The NFPA Technical Meeting (Tech Session)
16 June 11-12, 2014, Agenda, which can be found on the
17 NFPA Web site, combines all certified amending
18 motions from these two reports and identifies the
19 CAMs for consideration today. Only certified
20 amending motions, together with certain allowable
21 follow-up amending motions, that is, the motions
22 that become necessary as a result of successful
23 certified amending motions, will be allowed at the
24 meeting.

25 Additionally, a person must sign in to

1 indicate they are, in fact, here to secure their
2 motion.

3 As part of these procedures, statements
4 for the record, that is, statements concerning
5 Technical Committee actions for which no certified
6 amending motions or allowable follow-up motion is
7 available are not permitted.

8 In accordance with Section 4.5.3.7b of the
9 Regs, if a quorum is challenged and found to be no
10 longer present of a hundred members, this session
11 will be terminated without further action upon
12 report. Any reports on standards that have not
13 been acted on shall be forwarded directly to the
14 council without the recommendation of this meeting
15 or act in accordance of Section 47 of the Regs.

16 If a quorum is lost, during the
17 consideration of a report, any motions to amend the
18 return of that report that have passed prior to the
19 loss of the quorum will be processed and forwarded
20 to the council in accordance with Sections 4.5.3,
21 4.6, and 4.7 of the Regs.

22 Any appeal based on actions by the
23 association at this meeting must be filed with the
24 Standards Council within 20 days of this meeting.
25 That is, by July 3, 2014.

1 Any amendment accepted at this meeting
2 that fails to pass the subsequent committee ballot,
3 an appeal shall be filed no later than five days
4 after the notice of the amendment ballot results
5 are published in accordance with Section 4.2.6.
6 The results for the amendment ballots will be
7 published in accordance with Section 4.2.6
8 typically within 10 to 30 days after the final day
9 of the technical meeting.

10 The votes cast in the NFPA Technical
11 Meeting today and the discussions that lead to the
12 voting and integral and important part of the
13 NFPA's consensus process.

14 The NFPA Technical Meeting is a forum
15 where the membership considers changes to the
16 report prepared by the NFPA technical committees
17 concerning proposed or revised NFPA codes and
18 standards when such changes are pursued via
19 certified amending motions.

20 Through the motions, debates and voting at
21 this meeting, the membership makes recommendation
22 to the Standards Council. The Standards Council,
23 under NFPA rules, is the official issuer of all
24 NFPA codes and standards. The majority vote of the
25 persons present here today is for the sole purpose

1 of making a recommendation to the Standards Council
2 on a disposition of the report.

3 The Standards Council meets on August 11
4 through 14, 2014, to make a judgment on whether or
5 not to issue an NFPA standard. The Council's
6 decision on standard issuance is based on the
7 entire record before it, including the discussion
8 invoked taken at this NFPA Technical Meeting.

9 Limited review, following the action by
10 the Standards Council, may also be available
11 through a petition to the board of directors. Any
12 such petition must be filed within 15 days of the
13 Council's action in accordance with the regulations
14 governing the petitions to the board of directors
15 from decisions of the Standards Council. The
16 deadline for notice of such petition is August 29,
17 2014.

18 With respect to voting procedures, the Reg
19 states that voting at NFPA Technical Meeting shall
20 be limited to the following:

21 Those present who are voting members of
22 the association, that is, those with red badges
23 with "voting" on the top or beige badges with
24 "voting tech session only" across the top. You
25 need not be a member of the NFPA in order to vote.

1 You must, however, be a NFPA voting member. Only
2 voting members of records could be seated in the
3 front area.

4 Voting will be undertaken in the following
5 manner. First off, there will be no voice votes;
6 and secondly, the vote will be taken by using
7 electronic voting devices for voting members.

8 I want to say at the outset, I will not
9 cast a vote. So in the event of a tie vote, the
10 issue will automatically fail. Once a report and
11 certified amending motion is presented, it is open
12 for discussion; and anyone in the room has the
13 privilege of participating.

14 The Chair asks that you preface your
15 remarks with your name and company or organization
16 affiliation and whether or not you are for or
17 against the motion. Let me repeat that. Your name
18 and company or organization affiliation and whether
19 or not you are for or against the motion should
20 preface your remarks, even if you've been to the
21 microphone many times, since we're having the
22 meeting transcribed for the record.

23 As you can see, we have green and red
24 signs on the microphones in the room. Green signs
25 indicate support of the motion that's on the floor,

1 and red signs indicate opposition to the motion
2 that's on the floor.

3 I would also ask that you stand at the
4 appropriate mic and state at the beginning of your
5 remarks whether you are in support or opposition to
6 the motion that's being debated.

7 Now, a couple of things to note during the
8 floor debate today. First, please be aware that no
9 one participating in the floor motion in debate of
10 this meeting is also authorized to act as an agent
11 of or speak on behalf of the NFPA. Views expressed
12 during motions and debates, including those
13 expressed on behalf of NFPA technical committee or
14 other entities operating under the NFPA system, do
15 not necessarily reflect the views of the NFPA.

16 Secondly, noted to all NFPA sessions, from
17 time to time, the Chair or other representatives of
18 an NFPA section may rise during the debate to state
19 the position of an NFPA section on a motion under
20 consideration. NFPA sections are groups of NFPA
21 members organized around particular subjects such
22 as the electrical, fire service, or health care
23 session. Under the regulation governing the NFPA
24 section, a section may take a position on the issue
25 on the floor of the NFPA Technical Meeting. The

1 position of a section does not necessarily reflect
2 the views of all section members, rather a section
3 may state a position on motion if the majority of
4 the section members are attending the section
5 meeting, have approved that position, and there are
6 at least 25 votes cast at that section meeting.

7 The position of a section is accorded no
8 special status in the NFPA standards development
9 process, and just as you would with any other
10 position expressed during today's debates, you, as
11 voting member of the association, may weigh and
12 assess such positions as you deem appropriate.

13 In order to effectively conduct this
14 meeting, we'll start with three minutes allowed per
15 speaker; but it's my plan to limit the time
16 inappropriate in the event that this becomes
17 necessary. When you have one minute remaining of
18 your allotted time, you'll hear a bell sound, and a
19 timer will appear on the middle screen to indicate
20 that you have one minute remaining of your allotted
21 time.

22 The presiding officer reserves the right
23 to hear any new speaker before yielding the floor
24 to anyone wishing to address the same issues for a
25 second time.

1 Motions that are in order, the certified
2 amending motions are obtained in the agenda
3 entitled "NFPA Technical Meeting (Tech Session)
4 June 11-12, 2014, Agenda," which is available on
5 the NFPA Web site and NFPA app. The motions
6 pertain to the standards contained on pages 90
7 through 91 of the NFPA Conference and Expo program.

8 As previously stated, this meeting is
9 conducted in accordance with the NFPA convention
10 rules, which are available on the NFPA Web site.
11 There are copies at the NFPA's registration desk.

12 Upon completion of the action on all
13 certified amending motions related to an NFPA
14 standard, the presiding officer shall entertain any
15 follow-up motions. A follow-up motion is a motion
16 that becomes necessary as a result of a successful
17 amending motion. A motion to return a standard
18 affected by a previous successful amending motion
19 is always in order as a follow-up motion so long as
20 it is not repetitious.

21 The presiding officer shall make the
22 determination of whether a motion is a proper
23 follow-up motion or not. The maker of the motion
24 should be required to explain why the motion is a
25 proper follow-up motion, and the follow-up motion

1 requires two seconders to continue on the floor.

2 Before we begin today, I'd like to address
3 electronic voting devices. The devices will record
4 your support or lack of support of the motion on
5 the floor.

6 There are a few rules that I need to make
7 you aware of. No. 1, all voting members that were
8 issued an electronic voting device are responsible
9 for the device. Each device has been linked to the
10 voting member's name, and if the device is lost or
11 broken, they will be held responsible for the
12 replacement of the device.

13 Secondly, at no time can you hand off your
14 device to anyone to input your vote. Anyone found
15 with multiple voting devices will be asked to leave
16 the NFPA Technical Meeting. You must return your
17 device to the NFPA staff manning the table at the
18 back of the room as you leave the session.

19 Now that we've read all of the rules,
20 let's talk about what to expect today. This is the
21 first NFPA Technical Meeting governed under the
22 NFPA regulation governing the development of NFPA
23 standards. These rules we're operating under today
24 are designed to improve the efficiency and the
25 quality of the NFPA Technical Meeting, eliminating

1 the need to present uncontested standards by giving
2 you, the NFPA membership, advanced notice of the
3 amending motions to be presented and by giving me,
4 as presiding officer, greater discretion of
5 managing the debate to ensure that the issues are
6 fully debated as possible in the available time.

7 We've made a number of changes on the NFPA
8 Technical Meeting to comply with these Regs and to
9 make this tech session a more useful tool for NFPA
10 members.

11 So okay. What is new? Well, to begin
12 with, NFPA has gone electronic. We have an
13 electronic agenda that shows you the recommended
14 text that the motion is proposing, and the second
15 draft text, the last position of the committee.

16 We have five screens behind me that will
17 be displaying the text applicable to each motion.
18 We will be showing and voting on the CAM with the
19 added benefit of seeing the actual text that is
20 recommended for insertion into the NFPA standard.
21 No more guessing. You can actually see the text
22 that you're voting on.

23 Screen one will show the recommended text
24 if the motion passes, and screen two will show the
25 resulting recommended text if the motion fails.

1 The middle screen will show the actual motion, and
2 we will also use that screen to project what an
3 "I'm on camera" is capturing during the debate. I
4 hope you're all ready for all of that.

5 So as with all new things, let's try it
6 out first. We have a sample motion we will project
7 on the screen, and we will have you vote on whether
8 you are in favor of the recommended text or opposed
9 to the recommended text. So is everybody ready?

10 So there's a motion on the floor for
11 NFPA 6000. It's Motion 6000-1. We're displaying
12 on screen one the recommended text if Motion 6000-1
13 passes. And on screen number two, we're showing
14 the recommended text if Motion 6000-2 fails. On
15 the middle screen, we're showing the motion itself.
16 So this is what you're going to see for each motion
17 under consideration today. There is no guesswork.
18 You are seeing exactly what the text of NFPA 6000
19 would look like if you recommend screen one or
20 screen two.

21 So now let's test our voting device. The
22 motion on the floor is to accept Public Comment
23 No. 25.

24 Is there any further discussion on Motion
25 6000-1 to accept Public Comment No. 25.

1 Seeing none, we'll move to a vote. So
2 before we vote, let me restate the motion. The
3 motion on the floor is to accept Public Comment
4 No. 25. If you wish to vote in favor of the motion
5 on recommended text that's on screen one, press
6 one. And if you wish to vote against the motion on
7 recommended text on screen two, press two. Please
8 record your vote.

9 The balloting will be closed in five
10 seconds. Balloting closed.

11 So the results of the votes are 133
12 against and 83 for. So, in this case, the motion
13 has failed.

14 UNKNOWN SPEAKER: Mr. Chairman, also can
15 you get the lettering larger? It's difficult to
16 read.

17 PRESIDING OFFICER: I think you were
18 asking if there's a way to make the lettering
19 larger. That's something that we'll take into
20 consideration to see if we could.

21 UNKNOWN SPEAKER: It's very difficult to
22 read.

23 PRESIDING OFFICER: Okay. Thank you for
24 the feedback. I appreciate it.

25 Okay. So the motion has failed.

1 So it's my hope and expectation, together
2 we will make this technical meeting a success, and
3 I thank you in advance for your cooperation,
4 patience and, when we are all done, your comments
5 and suggestions for the future.

6 Please note, we will be taking comfort
7 breaks this afternoon, if necessary. One last
8 comment before we begin.

9 The authorized maker of the motion for
10 NFPA 70E, Electrical Safety in the Workplace, has
11 notified NFPA they no longer wish to pursue this
12 motion. Therefore, in accordance with NFPA rule,
13 Convention Rule 2.7, the motion may not be
14 considered by the NFPA membership and is removed
15 from the agenda.

16 So, at this point, before we begin the
17 standards, I like to introduce Kerry Bell, who is
18 the chair of the Standards Council, and Dawn
19 Bellis, the secretary of Standards Council will
20 present the committee service awards.

21 Kerry and Dawn.

22 MR. BELL: Thank you, JG. And good
23 afternoon, everyone.

24 The Committee Service Award is given to a
25 technical committee member for continuous exemplary

1 service on one or more committees over a
2 substantial period of time and in recognition and
3 appreciation of distinguished service to the NFPA
4 in the development of NFPA Codes and Standards.

5 I am pleased to present this award today
6 to the following and very deserving individuals.

7 Please welcome our first recipient of the
8 committee service award, Samuel Cramer.

9 (Applause.)

10 MS. BELLIS: Samuel C. Cramer of the
11 Aluminum Ladder Company in Florence, South
12 Carolina, has served on the Technical Committee on
13 Fire Department Ground Ladders since 1973.

14 (Applause.)

15 MR. BELL: Our next recipient of the
16 committee service award is Tom Christman. Please
17 join me in congratulating Tom for his years of
18 service to NFPA standards development process.

19 (Applause.)

20 MS. BELLIS: Tom Christman of Caryville,
21 Tennessee served on the Combustible Dusts Technical
22 Committee on fundamental combustible dust and
23 combustible metals and metal dusts where he served
24 as the chair.

25 (Applause.)

1 MR. BELL: Congratulations to another very
2 worthy award winner, Ronald Farr.

3 (Applause.)

4 MS. BELLIS: Ronald Farr of UL LLC in
5 Otsego, Michigan serves on the Technical Committee
6 on Fire Prevention Organization and Deployment.
7 Serving as chair 2010 to 2011 and Fire Code
8 Committee Chair from 2004 to 2011, the Professional
9 Qualification Technical Committee on Fire Inspector
10 and Plan Examiner Professional Qualifications. He
11 is also a member of the Board of Directors
12 Committee on Fire Safety Educational Memorial Fund,
13 and additionally, Ron served as member of Standards
14 Council from 2007 through 2011.

15 (Applause.)

16 MR. BELL: I'm also pleased to present
17 another Committee Service Award to Clifford
18 Roberts. Clifford, please come to the stage.

19 (Applause.)

20 MS. BELLIS: Clifford C. Roberts of the
21 American International Group, Incorporated, in
22 Lithia, Florida serves on the Technical Committees
23 on Internal Combustion Engines where he has served
24 as chair since 2004 and Electric Generating Plants
25 Committee.

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(Applause.)

MR. BELL: Okay. Let's welcome the next
Committee Service Award winner, Jack Woycheese.
Congratulation, Jack.

(Applause.)

MS. BELLIS: Jack Woycheese of Hughes
Associates, Inc., in Walnut Creek, California
serves on the Technical Correlating Committee on
Flammable and Combustible Liquids where he has been
Chair since 2003. The Flammable and Combustible
Liquids Technical Committee on tank storage and
piping systems, fundamentals, operations acting as
chair from 1993 to 2003, and technical committee on
foam.

(Applause.)

MR. BELL: Our next committee service
award goes to Luis Austin, III. Congratulation,
Luis.

MS. BELLIS: Luis H. Austin, III, from the
City of Grandview Fire Department in Grandview,
Missouri, serves on the Technical Committee on Fire
Department Rescue Tools. He served as chair from
2003 to 2013.

(Applause.)

MR. BELL: Our final recipient of the NFPA

1 Committee Service Award is John Welling, III.

2 John, please join me on stage.

3 (Applause.)

4 MS. BELLIS: John A. Welling, III, of
5 Bristol-Myers Squibb Company in Princeton,
6 New Jersey serves on the technical committees on
7 loss prevention procedures and practices, mass
8 evacuation and sheltering, pre-incident planning,
9 where he has served as chair since 2002, and fixed
10 guideway transit and passenger rail systems.

11 (Applause.)

12 MR. BELL: On behalf of the NFPA Standards
13 Council, I would, again, like to say thank you to
14 all of these outstanding and dedicated members of
15 the NFPA. Let's give them all another round of
16 applause.

17 (Applause.)

18 MR. BELL: This concludes the awards
19 ceremony for this afternoon. I'm going to turn the
20 floor back over to JC. We're going to continue
21 with our association technical meeting. Thank you
22 very much.

23 PRESIDING OFFICER: Thank you Kerry and
24 Dawn. And congratulations to all the award
25 recipients.

1 I also want to remind everybody that the
2 text that is on the screen is the same text you'll
3 find in your agenda too. So it should be in the
4 agenda as well as on the screen as you follow
5 through today.

6 So the first report under consideration
7 this afternoon is out of the Technical Committee on
8 Internal Combustion Engines. Here to present the
9 committee report is Committee Chair Clifford
10 Roberts of American International Group,
11 Incorporated, Lithia, Florida.

12 The committee report that is the first and
13 second draft reports are located on the document
14 information page for **NFPA 37** on the NFPA Web site.
15 Certified amending motions are contained in the
16 technical meeting text session agenda and will be
17 displayed behind me on the scene.

18 We'll proceed in the order of motion
19 sequence number presented.

20 Mr. Roberts.

21 COMMITTEE CHAIR: Thank you, Mr. Chair.

22 Ladies and gentlemen, the reports of the
23 Technical Committee on Internal Combustion Engines
24 is presented for adoption and can be found in the
25 first draft report and in the second draft report

1 for the 2013 fall meeting revision cycle.

2 The Technical Committee has published a
3 first and second draft report consisting of
4 revisions to NFPA 37, which is the standard for
5 installation, and use of stationary combustion
6 engines and gas turbines.

7 These reports were submitted to letter
8 ballot of the technical committee, which consists
9 of 16 voting members. The report and ballot
10 results can be found in the next edition tab in
11 document information page for NFPA 37 at
12 www.nfpa.org\37next.

13 The presiding officer will now proceed
14 with the certified amending motions.

15 PRESIDING OFFICER: Thank you,
16 Mr. Roberts.

17 So let's now proceed with the discussion
18 on the certified amending motions on NFPA 37.

19 Microphone 5, please.

20 MR. HIRSCHLER: Marcelo Hirschler, GBH
21 International. Move to accept Certified Amending
22 Motion 1.

23 PRESIDING OFFICER: Thank you. Okay. The
24 motion -- could you repeat the motion because of
25 the sound barrier?

1 MR. HIRSCHLER: I move to accept CAM 1.

2 PRESIDING OFFICER: So there's a motion on
3 the floor to accept an identifiable part of Public
4 Comment No. 7.

5 That is what you were trying to
6 accomplish; right?

7 MR. HIRSCHLER: Correct.

8 PRESIDING OFFICER: The identifiable part
9 of the text as shown.

10 So do I have a second to that motion?

11 UNKNOWN SPEAKER: Second.

12 PRESIDING OFFICER: We have a second. So
13 please proceed with the discussion on the motion.

14 MR. HIRSCHLER: Excuse me. The text is
15 not shown. It's not showing on the screen. I can
16 go on if you want.

17 PRESIDING OFFICER: Yeah, if you can go
18 on, please. Thank you.

19 MR. HIRSCHLER: What this motion will do
20 is add some criteria. Let me start by -- let me
21 start by explaining what the issue is. We have a
22 real serious potential fire hazard with generators
23 close to a building.

24 NFPA 37 says generators shall not be
25 placed closer than five feet of combustible portion

1 of a building, and then it just simply says that
2 you shall conduct a fire test, no criteria; or you
3 shall do some analysis, no criteria. And it
4 doesn't say what happens when you conduct a -- how
5 you conduct a test, what you do, what kind of
6 results you expect, what kind of test you expect to
7 conduct, any of that information.

8 I have conducted a whole number of tests
9 on a generator. Now, we know that these generators
10 can generate a huge amount of fire, very highly
11 when they don't burn -- sorry when they do burn.
12 We also know that combustible portions of a
13 building can be very different in fire performance.
14 You can have things like wood siding, polypropylene
15 siding, vinyl siding, eaves. All these things are
16 all combustible. The performance is very
17 different.

18 So what this motion would do would be
19 to -- the present wording today where it says the
20 generator walls have to be noncombustible. And it
21 says, "It has been demonstrated that a fire within
22 the enclosure will not ignite combustible materials
23 outside the enclosure." That's it. Nothing else.

24 There's no criteria that demonstrates
25 that. It doesn't discuss the different types of

1 combustible walls. It makes no sense to run a test
2 with an aluminum siding or an eave system and then
3 put the generator maybe an inch or a foot from the
4 polypropylene siding, for example.

5 This doesn't say anything about how close
6 you can put the generator other than saying it can
7 be less than five feet.

8 The motion will do the following:

9 First, it will say the demonstration can
10 be done by test or by calculations. It will
11 require full scale test, but it will not give
12 details of what the tests are because that should
13 be up to the manufacturer to decide.

14 In this criteria for the test, the wall
15 must be made of the material that will be used or
16 of a material that is more easily ignitable than
17 the material that will be used. Typical
18 combustible sidings are wood, PVC, and
19 polypropylene; and they are usually backed by foam
20 plastics. The worst case scenario is probably
21 polypropylene siding and polystyrene foam backing.

22 The motion will require all combustible
23 materials consumed. Experience has shown that
24 generator fires can go down in intensity and after
25 a while flare up again. Require tests with

1 generator engine running and not running.
2 Experience has shown that in most cases a generator
3 can cause a fire that is more severe if the engine
4 is not running, something that appeared
5 counter-intuitive until we studied it.

6 Will require that the generator be placed
7 not closer than what the test showed, the critical
8 statement.

9 Annex note describes some combustible wall
10 systems. Annex note also recommend but does not
11 require a margin of safety between the distance for
12 the fire test and the distance for safe use of the
13 generator.

14 PRESIDING OFFICER: Thank you,
15 Mr. Hirschler. Your time is up. Thank you. Your
16 time is up.

17 I just want to clarify, just for
18 everybody's benefit, due to the size of some of the
19 motions, we can't always show them on the screen;
20 so please refer to your agenda where you'll be able
21 to see the entire motion as we go forward.

22 Mr. Roberts, would you like to offer a
23 Committee position?

24 COMMITTEE CHAIR: Yes, sir.

25 The Technical Committee did review the

1 proposal by the submitter. And briefly, we've
2 stated that we felt the proposal was outside of the
3 scope of what NFPA Standards Council has put upon
4 our technical committee.

5 PRESIDING OFFICER: Thank you,
6 Mr. Roberts. Short and sweet.

7 So with that, we'll open up debates on the
8 motion. Again, please provide your name and
9 affiliation and whether you're speaking in support
10 of or against the motion.

11 Microphone 6.

12 SPEAKER: Yes, Jim Gibbons, Global Risk
13 Consultants and former chair of the Technical
14 Committee. A couple of things here. It will be
15 nice if we just saw --

16 PRESIDING OFFICER: Excuse me. Are you
17 speaking for or against?

18 SPEAKER: I'm speaking against the motion.
19 Sorry.

20 PRESIDING OFFICER: Thank you.

21 SPEAKER: I would like to say two things
22 in particular that we had an issue with on the
23 proposal. First, in the proposal, we do a lot of
24 calculations to prove whether the enclosure and
25 engine will ignite the combustible material, and

1 that was out of the original proposal that was
2 submitted.

3 And secondly, a serious concern was part
4 the -- from Mr. Hirschler's proposal saying that
5 the fire test shall result in complete consumption
6 of all combustible materials contained in the
7 engine and its enclosure.

8 After discussions, the Committee rejected
9 the proposal because that requirement of fire test
10 is outside of what we can do as the Technical
11 Committee Performance regarding engines. It is an
12 issue with fire tests. Most fire tests, to my
13 understanding, the fire test ends when the planning
14 combustions ends; and it sounds like what was
15 proposed, at least the way we interpret it, was
16 that the fire test must continue until all
17 combustible materials are consumed.

18 That is an issue with the Technical
19 Committee on Fire Test or you all or other agencies
20 or associations that perform fire tests and provide
21 the criteria for these tests. It is not an issue
22 that the Technical Committee on Engines can
23 address. It is an issue that, if we were to accept
24 this, we would be, in fact, also imposing scope
25 required on the first test committee, which we

1 cannot do. So I do ask that the membership vote
2 against the proposal.

3 PRESIDING OFFICER: All right. Thank you.
4 Microphone 5.

5 SPEAKER: Marcelo Hirschler, GBS
6 International. For the motion.

7 The issue is an issue of criteria. We
8 know that you can apply fire source to a fire test.
9 It does a little bit, and then stops. You stopped
10 the test, and you did nothing. You didn't burn the
11 engine. You didn't burn the generator; so you
12 don't know whether the generator, when it actually
13 burns, will destroy the building. That's what we
14 need to know. We are not aware of tests that have
15 been done by a manufacturer where all they did was
16 measure some temperatures. They did a fire test.
17 It doesn't do anything.

18 With regards to this is not something fire
19 committee should do because this just does not put
20 any indication of how the test is conducted. Just
21 gives you the criteria. Criteria assures you that
22 the generator will be safe without these criteria,
23 without ensuring that you're burning completely the
24 combustible in there, and still don't burn the
25 building down. You will not know whether the

1 generator is in place in a safe position or not in
2 a safe position.

3 What the text says doesn't give you any
4 indication of whether, okay. I run a fire test. I
5 put a couple in there. Look at it. I run a fire.
6 It's a meaningless fire test. It's not -- it's not
7 an issue of designing this particular fire test.
8 That should be up to the (inaudible) -- or the
9 manufacturer who is interested in doing this.

10 Thank you.

11 PRESIDING OFFICER: Thank you.

12 Microphone 6.

13 SPEAKER: Yes, Jim Gibbons, Global Risk
14 Consultants, speaking against the motion.

15 I happen to disagree. If you look at
16 item 2 there, it says, "It shall be demonstrated
17 that fire within the enclosure will not ignite
18 combustible materials outside the enclosure."
19 That's the criteria.

20 PRESIDING OFFICER: Thank you.

21 Is there any further discussion on
22 Motion 37-1 to accept an identifiable part of
23 Public Comment No. 7?

24 Microphone 5.

25 SPEAKER: Marcelo Hirschler, GBH

1 International, for the motion.

2 I don't want to keep dragging this on. It
3 says, it shall (inaudible) but how, after you ran
4 what kind of fire test? Do you have to -- you have
5 to have criteria that indicate that the fire test
6 will actually do what you expect it to do.

7 Thank you.

8 PRESIDING OFFICER: Thank you.

9 So at this point, any further discussion
10 on Motion 37-1?

11 Okay. Seeing none, Mr. Chair, would you
12 like any final comments.

13 COMMITTEE CHAIR: No, sir.

14 PRESIDING OFFICER: Thank you. Thank you,
15 Mr. Chairman.

16 Before we vote, let me restate the motion
17 that's on the floor.

18 The motion on the floor is to accept an
19 identifiable part of Public Comment No. 7. If you
20 wish to vote in favor of the motion, recommended
21 text on screen one, press one.

22 If you wish to vote against the motion,
23 recommended text on screen two, then press two. So
24 please record your votes now.

25 The balloting will be closing in five

1 second. Balloting closed.

2 So the results of the vote are 174 against
3 and 48 for, and the motion fails.

4 Now let's proceed with the discussion on
5 certified motion -- Certified Amending Motion 37-2.

6 Microphone 5.

7 SPEAKER: Marcelo Hirschler, GBH
8 International, speaking for NFPA and Certified
9 Amending Motion 37-2.

10 PRESIDING OFFICER: Do you want to
11 continue reading what that encompass?

12 SPEAKER: Public Comment No. 8.

13 PRESIDING OFFICER: Thank you.

14 There's a motion on the floor to accept
15 Public Comment No. 8.

16 Do I have a second?

17 UNKNOWN SPEAKER: Second.

18 PRESIDING OFFICER: Second.

19 We have a second; so you may continue.

20 SPEAKER: Okay. This -- what this
21 cleanup -- what was already added here is a
22 calculation procedure in Chapter 10 of NFPA 555, is
23 similar to something that was developed by NIST and
24 formed the committee sometime in 1996 based on
25 multiple (inaudible) that's no longer in use. And

1 it really doesn't give people any useful
2 information.

3 The useful information calculation
4 procedure for NFPA 555 are usable tools.

5 Thank you.

6 PRESIDING OFFICER: Thank you.
7 Mr. Roberts, would you like to offer the
8 Committee's position?

9 SPEAKER: Yes. The Committee felt there
10 are existing guidelines in the annex. Did give
11 potential guidance and felt it should be -- remain
12 as is. So that was our position.

13 PRESIDING OFFICER: Thank you,
14 Mr. Roberts.

15 So with that, we'll open up debate on the
16 motion. Again, please provide your name and
17 affiliation and whether you're speaking in support
18 or against the motion.

19 Microphone 6.

20 SPEAKER: Yes, Jim Gibbons, Global Risk
21 Consultants speaking against the motion. I just
22 want to note that the portion of the appendix item
23 that is looked to be struck in the motion is
24 information that the Technical Committee put in
25 during the last revision cycle in order to supply

1 just some more history on where this came from and
2 why the calculations are allowable within the
3 document. It's just mainly guidelines and a little
4 bit of historical record, and I ask that the
5 membership vote against the motion.

6 PRESIDING OFFICER: Thank you.

7 Is there any further discussion on
8 Motion 37-2, Public Comment No. 8?

9 (No response.)

10 Mr. Chairman, would you like to make any
11 final comment?

12 COMMITTEE CHAIR: No, sir.

13 PRESIDING OFFICER: Thank you,
14 Mr. Chairman.

15 Before we vote on this, again, let me
16 restate the motion. The motion on the floor is to
17 accept Public Comment No. 8. If you wish to vote
18 in favor of the motion on recommended text on
19 screen one, press one.

20 And if you want to vote against the motion
21 on recommended text on scene two, then press two.
22 You can record your vote now.

23 Going to close in five seconds on the
24 voting. Voting closed.

25 And the results of the voting is 185

1 against, 27 for. And the motion fails.

2 So at this point, do we have any further
3 discussion on NFPA 37? And seeing none, we'll move
4 to the next document.

5 Thank you very much, Mr. Roberts.

6 So the issue for consideration this
7 afternoon is the Technical Committee on Water Mist
8 Fire Protection Systems. Here to present the
9 committee report is Committee Chair Larry Owens of
10 Dooley Tackaberry, Incorporated, Deer Park, Texas.
11 The committee report that is the first and second
12 draft reports are located on the document
13 information page for **NFPA 750** on the NFPA Web Site.

14 The certified amending motions are
15 contained in the NFPA Technical Meeting text
16 session agenda, and will be display behind me on
17 the screen.

18 We'll proceed in the order of motion
19 sequence number presented.

20 CHAIR COMMITTEE: Mr. Chair, ladies and
21 gentlemen, the report of the Technical Committee on
22 Standard on Water Mist Fire Protection Systems is
23 presented for adoption and can be found in first
24 draft report and in the second draft report for the
25 2013 fall meeting revision. The Technical

1 Committee has published the first and second draft
2 report consisting of revisions to the NFPA 750
3 Standard on Water Mist Fire Protection Systems.

4 These reports were submitted to letter
5 ballot for the technical committee which consists
6 of 30 voting members. The reports and ballot
7 results can be found on the next edition tab of the
8 document information page for NFPA 750 at
9 www.nfpa.org/750next.

10 The presiding officer will now proceed
11 with the certified amending motion.

12 PRESIDING OFFICER: Thank you,
13 Mr. Chairman. I just want to remind you, as I
14 mentioned earlier, this is another one, because of
15 the length, that we can't show all the test on the
16 screen. So, again, just refer to what's in your
17 agenda so you can follow along.

18 So now let's proceed with the discussion
19 on certified amending motion on NFPA 750.

20 Microphone 5.

21 SPEAKER: Good afternoon. I'm
22 Timothy Carman, Janus Fire Systems. I'm speaking
23 today on behalf of Daniel Hubert, representing the
24 entire Fire Suppression Systems Association, which
25 I am the current vice president.

1 I move to reject Second Revision No. 17
2 and any related portions of First Revisions
3 No. 72, No. 123, and No. 88, thereby recommending
4 previous edition text.

5 PRESIDING OFFICER: So just to clarify,
6 you're speaking for the motion; correct?

7 SPEAKER: That is correct.

8 PRESIDING OFFICER: Okay. Thank you.

9 So there's a motion on the floor to reject
10 Second Revision No. 17 and any related portions of
11 First Revisions No. 72, No. 123, and No. 88,
12 thereby recommending previous edition text.

13 Do I have a second to proceed?

14 UNKNOWN SPEAKER: Second.

15 PRESIDING CHAIR: Okay. We have a second.
16 Please proceed with the discussion.

17 SPEAKER: The revision removed the
18 responsibility for inspection in test and
19 maintenance of water mist systems from the water
20 mist standard and placed it under NFPA 25, the
21 standards for inspection, testing, and maintenance
22 of water-based fire protection systems.

23 The acceptance of this motion will restore
24 responsibility for inspection test and maintenance
25 water mist systems to the NFPA 750 Technical

1 Committee on Water Mist Systems.

2 This is about safety, pure and simple.
3 We're talking about the safety of personnel working
4 on the systems, personnel working in the vicinity
5 of the systems, and the safety of occupants to the
6 property.

7 NFPA 750 Technical Committee has 300-plus
8 members who have in-depth technical expertise in
9 water mist systems. A large majority of the
10 committee is made up of either manufacturers or
11 designers of water mist systems.

12 In contrast, the majority of the NFPA 25
13 Technical Committee has technical expertise in low
14 pressure type water delivery systems with limited
15 or no expertise with water mist systems. NFPA 25
16 traditionally covered the inspection test and
17 maintenance of low pressure water-based systems.
18 Sprinkler, spray, and foam water sprinkler systems
19 all require that the components be rated for not
20 less than 175 PSI. Standby systems have a
21 requirement of the maximum pressure of any point in
22 the system shall not extend 350 PSI, and fire
23 service maintenance shall be written for minimum of
24 150 PSI.

25 NFPA 750 water mist systems are very

1 different. Water mist systems can operate at
2 pressure as close as 4,000 pound per square inch,
3 more than ten times the maximum allowed pressure
4 for sand pipe system and more than 20 times the
5 typical operating pressure and sprinkler and foam
6 water systems.

7 Further, many water mist systems
8 incorporate high-pressured nitrogen equipment to
9 provide motor force for operation and formation of
10 water mist droplets. This adds to the level of
11 complexity not normally found in other water-based
12 systems covered by NFPA 25.

13 The trades servicing these type of systems
14 will typically not have the expertise required to
15 work on high-pressured systems. More importantly,
16 the NFPA 25 Technical Committee does not have the
17 expertise to write rules on high-pressured water
18 mist systems or to address their complexities.

19 The NFPA, by choosing to remove this
20 chapter, is taking it out of the hands of 30-plus
21 experts and putting it in the hands of the
22 NFPA 25 committee that has minimum experience.
23 This is not inconsequential, given the major
24 differences in pressure and means of operation in
25 the water mist systems and the systems covered by

1 NFPA 25.

2 Thank you.

3 PRESIDING OFFICER: Thank you, Mr. Carman.

4 Mr. Owens, would you like to offer the
5 Committee's position on this?

6 COMMITTEE CHAIR: Yes, sir.

7 After much discussion, the 750 Committee
8 agreed that water mist systems, other than those
9 installed in the one- and two-family dwellings,
10 shall be inspected, tested, and maintained in
11 accordance with NFPA 25. This change to 750 is in
12 line with the maintenance documents of other
13 water-based systems, which are located in
14 NFPA 25. Personnel servicing water-based systems
15 will now be able to go to a single standard for all
16 of maintenance requirements. The 750 Committee
17 feels that having all of the water-based system
18 guidelines, maintenance guidelines, in one standard
19 water-based provision for service personnel.

20 PRESIDING OFFICER: Thank you,
21 Mr. Owens.

22 So with that, we'll open up debate on the
23 motion. Please provide your name and affiliation
24 and whether you're speaking in support of or
25 against the motion.

1 Microphone 6.

2 SPEAKER: Bill Koffel, Koffel Associates,
3 chairman of the NFPA 25 Technical Committee. I'm
4 speaking for the Committee. I'm speaking in
5 opposition to the motion on the floor.

6 This change is actually the result of the
7 change in scope of NFPA 25 Committee made by the
8 Standards Council. And added to our scope, the
9 responsibility for the pressure testing and
10 maintenance of water base -- I'm sorry -- water
11 mist systems.

12 Part of the rationale for that is that
13 many of the components are similar to other
14 water-based systems. And contrary to the testimony
15 you've heard, yes, we do have several members of
16 the NFPA 25 Committee that are also members of the
17 NFPA 750 Committee.

18 To the extent that there may be special
19 requirements, you need the water mist systems.
20 NFPA 750 clearly identify those specific personnel
21 safety requirements while still referencing NFPA 25
22 for the actual inspection testing and maintenance.
23 In fact, seeing this processed text references an
24 update NFPA 25 for frequency, and it repeats
25 revisions that are found elsewhere in NFPA 25,

1 where administrative-type requirements.

2 To the extent that it's determined
3 appropriate that NFPA 750 should contain detailed
4 requirements on inspection testing and maintenance,
5 the appropriate protocol would be for this text to
6 be extracted from NFPA 750, not to have two
7 separate set of requirements and two different NFPA
8 documents developed by two different committees.

9 PRESIDING OFFICER: Thank you,
10 Mr. Koffel.

11 Microphone 5.

12 SPEAKER: Timothy Carman representing Fire
13 Suppression Systems Association in favor of the
14 motion.

15 Concern of the Fire Suppression Systems
16 Association is that the logic that's being
17 followed, because of the fact that the term "water"
18 is found in both of these standards' titles and
19 that water mist systems are thereby very similar to
20 other water-based systems, we feel it's an
21 unfortunate precedent; and the systems are
22 substantially different and, because of that, feel
23 as though it's an inappropriate path for the
24 committee to be following.

25 PRESIDING OFFICER: Thank, you Mr. Carman.

1 Microphone 6.

2 SPEAKER: My name is a Terry Victor. I'm
3 with Tyco SimplexGrinnell. And I'm speaking
4 against the motion. I'm also a member of NFPA 25,
5 and the problem that I have with this motion is
6 that the requirements need to be in NFPA 25. There
7 are other NFPA documents, as Bill Koffel alluded
8 to, that had the requirements in NFPA 25, including
9 NFPA 13, 13R, 14, 15, 16, 20, 22, and 24. And
10 while all these are water-based documents, they do
11 include their ITM requirements within NFPA 25.

12 The Technical Committee for these
13 documents, whether it's a water spray system,
14 NFPA 15 Technical Committee Foam-Water Systems,
15 NFPA 16 Water Tanks, NFPA 22, Fire Pumps, NFPA 20,
16 they submit their technical data to our committee,
17 NFPA 25, when they want to make a change to a
18 chapter that published their particular type of
19 system.

20 The NFPA 750 Technical Committee should be
21 doing the same thing. If they want to make a
22 technical change to the requirements in their
23 Chapter NFPA 25, they should be doing the same
24 thing that the other technical committees do,
25 submit it to the NFPA 25 committee.

1 As far as the expertise, when the
2 committee, as Mr. Koffel alluded to, is also
3 NFPA 750 members that has expertise on our
4 committee, and as far as the people doing the
5 inspection testing and maintenance on the
6 high-pressured water mist systems, they have to be
7 qualified. So this has nothing to do with what
8 documents the requirements amend, whether it's 750
9 or NFPA 25.

10 Whoever services these systems has to be
11 qualified through training and an acceptance to the
12 authority having jurisdiction. So it's a service
13 to the customers that have fire protection systems
14 to have all the requirements in one document, and
15 that way they can maintain their systems using the
16 one document and have consistency in their ITM
17 services on the system.

18 Thank you.

19 PRESIDING OFFICER: Thank you.

20 Microphone 4.

21 SPEAKER: My name is Robert Stubblefield.
22 I'm with REEBA. I'm also a principal member of the
23 Water Mist Technical Committee, and I'm speaking
24 against this motion.

25 Simply put, we put a lot of energy and

1 efforts in this discussion in committee activity to
2 develop the revision of the document that sits
3 before you today. At this point, changing that
4 direction, we do not feel it's appropriate -- I
5 personally do not feel it's appropriate, and I'm
6 against that motion.

7 PRESIDING OFFICER: Thank you.

8 Is there any further discussions on Motion
9 750-1 to reject Second Revision No. 17 and any
10 related portion of First Revision 72, 123, and 88,
11 thereby recommending previous edition text?

12 Mr. Chair, would you like to make any
13 final remarks?

14 SPEAKER: No, sir.

15 PRESIDING OFFICER: Okay. Thank you,
16 Mr. Chair.

17 At this point, we'll move to a vote. But
18 before we vote, let me restate the motion. The
19 motion on the floor is to reject second revision
20 No. 17 and any related portion of first revision
21 No. 72, No. 123, and No. 88, thereby recommending
22 previous edition text. So, if you wish to vote in
23 favor of the recommended text that's on screen one,
24 press one. If you wish to vote against the motion
25 recommending the text on screen two, then press

1 two. And you may record your votes now.

2 The balloting will close in five seconds.
3 Voting closed.

4 And the results are 199 against, 34 in
5 favor. And so this motion has failed.

6 Thank you, Mr. Owens. I appreciate it.

7 The next report under consideration this
8 afternoon is that of the Technical Committee on
9 Premises Security. To present the committee report
10 is Committee Chair Wayne Moore of Hughes
11 Associates, Incorporated, Providence, Rhode Island.

12 The committee reports, that is, the first
13 and the second draft reports are located on the
14 document information page for **NFPA 731** on the NFPA
15 Web site. The certified amending motions are
16 contained in the NFPA Technical Meeting (Tech
17 Session) Agenda and will be displayed behind me on
18 the screen, and we will proceed in the order of the
19 motion sequence number that's presented.

20 Mr. Moore.

21 COMMITTEE CHAIR: Thank you, Mr. Chair.

22 Mr. Chair, ladies and gentlemen, the
23 report of the Technical Committee on Premises
24 Security is presented for adoption and can be found
25 in the first draft report and in the second draft

1 report for 2013 fall meeting revision cycle.

2 The Technical Committee has published a
3 first and second draft report consisting of
4 revisions to NFPA 731, Standards for the
5 installation of Electric Premises Security Systems.
6 These reports were submitted to letter ballots of
7 the Technical Committee, which consists of 29
8 voting members.

9 The reports and ballots can be found on
10 the next edition tab in the document information
11 page for NFPA 731 at www.nfpa.org/731next.

12 The presiding officer will now proceed
13 with the certified amending motions.

14 PRESIDING OFFICER: Thank you, Mr. Moore.

15 So 731 was the one I read earlier and
16 announced at the start of the afternoon that I
17 mentioned that there was a reposting of an errata.
18 So I just want to make sure everybody has the
19 proper agenda detail in front of them. That was
20 the one we alluded to earlier, and it's shown on
21 the screen.

22 So let's now proceed with the discussion
23 on the Certified Amending Motion on NFPA 731.

24 Microphone 3.

25 SPEAKER: Mike DeVore, State Farm. I'm a

1 principal represent -- a member of the Premises
2 Security Technical Committee, representing the
3 investor fire protection section.

4 I move Certified Amending Motion 731-1,
5 which will reject Second Revision No. 9 and reject
6 Second Revision No. 10. Thank you.

7 PRESIDING OFFICER: So you're speaking in
8 favor of the motion?

9 SPEAKER: Most definitely.

10 PRESIDING OFFICER: Thank you. So there's
11 a group amending motion on the floor to reject
12 Second Revision No. 9 and reject Second Revision
13 No. 10, thereby recommending first draft text.

14 Do I have a second?

15 SPEAKER: Second.

16 PRESIDING OFFICER: So we have a second.
17 Please proceed with the discussion on the motion.

18 SPEAKER: Thank you.

19 The gist of my reasoning for this has
20 nothing to do with whether it should be 4 hours of
21 battery capacity or 24 hours of battery capacity.

22 The reason for my motion is we -- just
23 procedural, that it was not done correctly
24 according to the rules governing committee actions.

25 I put in a public input which revised all

1 of Chapter 4 to correct and edit for manual style;
2 so the paragraph under consideration in the first
3 revision, the only change was in the number of the
4 paragraph. There was no technical change at all.
5 Well, that's a violation of the rules governing the
6 development of NFPA Standards, 4.4.4.2. Public
7 comments must be related to material that is
8 received public review either through the
9 submission of public input, committee input, or
10 correlating input or through the first revisions.

11 The Technical Committee may reject but
12 hold any public comment that introduces new
13 material or that has not had adequate public
14 review. So my point is that it was never in the
15 first revision to make any technical changes to the
16 paragraph; so it must be rejected for that reason.
17 To uphold procedures and the reason for the public
18 comments, that's part of the NFPA procedure.

19 PRESIDING CHAIRMAN: Thank you,
20 Mr. DeVore.

21 Mr. Moore, would you like to offer the
22 Committee's position?

23 SPEAKER: Sure. We followed all of the
24 rules and regulations while we were going through
25 the motions that were adjudicated during the

1 committee deliberations, and we had a staff -- and,
2 actually, additional staff at the meeting when we
3 did this. So I don't believe that we made any
4 mistakes. That's the only reason I would answer it
5 that way.

6 PRESIDING OFFICER: Okay. Thank you,
7 Mr. Moore.

8 So with that, we'll open up debate on the
9 motion.

10 Again, please provide your name and
11 affiliation and whether you're speaking in support
12 of or against the motion.

13 Microphone 5.

14 SPEAKER: Marcelo Hirschler, GBH
15 International. I'm speaking for myself. This
16 seems to be --

17 PRESIDING OFFICER: Are you speaking for
18 or against?

19 SPEAKER: For.

20 PRESIDING OFFICER: For. Thank you.

21 SPEAKER: This seems to be a case of a
22 clear violation of NFPA rules, if what the maker of
23 the motion says is correct, that there was no
24 technical change of the first -- at the first
25 revision, then no change can be made in the second

1 revision. It's just that's what the rules have
2 been saying for many years. Nothing new. We can't
3 start doing that.

4 PRESIDING OFFICER: Thank you. Is there
5 any further discussion on Motion 731-1 to reject
6 Second Revision No. 9 and reject Second Revision
7 No. 10, thereby recommending first draft text?

8 Mr. Chair, would you like to make any
9 final remarks?

10 COMMITTEE CHAIR: No, sir. Thank you.

11 PRESIDING OFFICER: Thank you,
12 Mr. Chair.

13 So, at this point, we're ready to vote.
14 Before we vote, let me restate the motion again.
15 The motion on the floor is to reject Second
16 Revision No. 9 and reject Second Revision No. 10,
17 thereby recommending first draft text.

18 If you wish to vote in favor of the motion
19 and recommend the text on screen one, then press
20 one.

21 If you wish to vote against the motion and
22 recommended text on screen two, then press two. So
23 please record your votes.

24 Balloting will close in five seconds.
25 Balloting closed.

1 So the results of the vote are 100 for,
2 and 98 against. So the motion passes.

3 Is there any further discussion on
4 NFPA 731? Okay. Seeing none, we'll move on to the
5 next document.

6 Thank you, Mr. Moore.

7 The next report under consideration this
8 afternoon is that of the Technical Committee on
9 Recreational Vehicles. Here to present the
10 committee report is Committee Chair Doug Mulvaney
11 and Kampgrounds of American, Incorporated,
12 Billings, Montana.

13 The committee report that is the first and
14 second draft reports are located on document
15 information page for NFPA 1192 on the NFPA Web
16 site. The certified amending motions are contained
17 in the NFPA Technical Meeting (Tech Session) Agenda
18 and will be displayed behind me on the screen. We
19 will proceed in the order of the motion sequence
20 number presented.

21 Mr. Mulvaney.

22 COMMITTEE CHAIR: Thank you, Mr. Chair.

23 Mr. Chair, ladies and gentlemen, the
24 report of the Technical Committee on Recreational
25 Vehicles is presented for adoption and can be found

1 in the first draft report and in the second draft
2 report for the 2013 fall meeting revision cycle.

3 The Technical Committee has published
4 first and second draft reports consisting of
5 revision of NFPA 1192 Standards on Recreational
6 Vehicles. These reports were submitted to letter
7 ballot of the Technical Committee which consists of
8 24 voting members. The report and ballot results
9 can be found on the next edition tab of the
10 document information page for NFPA 1192 at
11 www.nfpa.org\1192next.

12 The presiding officer will now proceed
13 with the certified amending motion.

14 PRESIDING OFFICER: Thank you,
15 Mr. Mulvaney.

16 So let's now proceed with the discussion
17 on the certified amending motions on NFPA 1192.

18 Microphone 5.

19 SPEAKER: Marcelo Hirschler, GBH
20 International. Speaking for NFPA. And I move to
21 accept Public Comment No. 5 on 1192.

22 PRESIDING OFFICER: Thank you. So the
23 motion on the floor is to accept Public Comment
24 No. 5.

25 Do I have a second?

1 UNKNOWN SPEAKER: We have a second.

2 PRESIDING OFFICER: We have a second.

3 Please proceed with the discussion on the
4 motion.

5 SPEAKER: It is clear that what the
6 criteria that are in the text approved by the
7 committee is to use FMVSS 302. FMVSS 302 has been
8 demonstrated, and there is an extensive amount of
9 information on that on one of our documents, NFPA
10 556. It has been deemed to be pretty much a
11 worthless test, number one.

12 Number two, it is also a required test; so
13 there is no need to add it because everything
14 that's inside the cabin of a vehicle, per federal
15 rule, it has to comply with that. So whether we
16 add it or not, it still has to comply.

17 But we know that there is an appropriate
18 test for testing textiles. We have developed back
19 in the 1960s, I think, an appropriate test testing
20 textile for fire safety. And that says -- it's in
21 NFPA 701. It is an extensive reference throughout
22 NFPA part 1 5000 and NFPA 1 throughout the ICC Code
23 throughout everyone who requires testing of
24 textiles. This should be the test that is required
25 for testing textile in this application again. And

1 whether an FMVSS is referenced makes no concern
2 because it is a federal law that we have to meet.
3 But we need better than that because we also know,
4 and it's been demonstrated and approved by this
5 audience that NFPA 5 -- NFPA 302 is not a useful
6 fire test.

7 Thank you.

8 PRESIDING CHAIR: Thank you,
9 Mr. Hirschler.

10 Mr. Mulvaney, would you like to offer the
11 Committee's position?

12 COMMITTEE CHAIR: Yes. Thank you,
13 Mr. Chair.

14 The Technical Committee on Recreational
15 Vehicles' position is no evidence has been given
16 that enacting changes will result in approved
17 safety. Use of canvas in RVs has not proven to be
18 an issue to date. The previous review of that
19 FMVSS 302 by the Highway Safety -- Transportation
20 Safety Administration determined that any revision
21 would yield minimal potential safety benefits. In
22 addition, the introduction of NFPA 701 guidelines
23 could have negative impact on safety. The
24 inclusion of 701 could encourage the use a fire
25 retardant which can potentially introduce toxicity

1 concerns for both humans and the environment, and
2 both are manufactured and in the case of a burning
3 vehicle.

4 Thank you.

5 PRESIDING OFFICER: Thank you,
6 Mr. Mulvaney.

7 So with that, I'll open up debate on the
8 motion. Again, please provide your name and
9 affiliation, whether you're speaking in support of
10 or against the motion.

11 Microphone 4.

12 SPEAKER: Good afternoon. I'm
13 Mark Luttich, the department director with the
14 Nebraska Public Service Commission Housing and
15 Recreational Vehicle Department. I'm the past
16 chairman and current member of this committee.

17 I'm joined here today with other
18 members --

19 PRESIDING OFFICER: Are you speaking for
20 or against?

21 SPEAKER: I'm speaking against.

22 PRESIDING OFFICER: Thank you.

23 SPEAKER: I'm joined here today with other
24 members of the committee, David Mihalick with Thor
25 Industries, Jeff Christner with Grand Design RVs,

1 and Bruce Hawkins, secretary of the Committee on
2 Recreational Vehicles and vice president of RVIA.

3 In an effort to ensure efficiency in our
4 opposition to the motion regarding deletion of the
5 reference to FMVSS 302, in adding a reference to
6 NFPA 701 within the 1192 standards, and we have
7 agreed to consolidate our comments. I will be the
8 only speaker on behalf of this group of committee
9 members speaking against this motion.

10 Mr. Hirschler submitted a proposal, during
11 the first draft, to amend the 1192 standard for
12 recreational vehicles regarding the testing methods
13 that address the fire ratings of textiles and film
14 materials used for RV walls and ceilings. His
15 proposal was considered and rejected by the
16 Committee. He then resubmitted his comment during
17 the second draft revision. This comment was then
18 reconsidered and then rejected by the Committee.
19 We are now here to address his motion to amend 1192
20 from the floor during this annual meeting.

21 Nothing has changed between
22 Mr. Hirschler's initial proposal and today. The
23 Committee understood his proposal to request a
24 change in testing methods used to ensure fire
25 safety for the use of exterior walls and ceilings

1 made of textile or film materials, based on his
2 assertion that there are better test standards
3 available than the Federal Motor Vehicle Safety
4 Standard 302.

5 Although this requirement of FMVSS 302 may
6 not directly equate to fire safety material found
7 in NFPA 701, a standard that is typically applied
8 to houses or buildings. The fact is that they were
9 never intended to do so.

10 The NFPA 701 guidelines were developed to
11 address permanently constructed building fires.
12 While FMVSS was developed to address vehicle fires.

13 The fire safety requirements for RVs are
14 in place to allow individuals the precious few
15 seconds needed to escape from an RV in the event of
16 a fire. Unlike with buildings, the Federal Motor
17 Vehicle Safety Standard No. 302 requirements were
18 never intended to focus on the durability of the
19 structure. Most importantly, based on the industry
20 data provided by the RV manufacturers, fire has not
21 been an issue with the RV having (inaudible) walls.
22 Yes, RVs can burn. But data has indicated that,
23 when they do, people are rarely in them or have had
24 ample time to escape safely.

25 No data has been submitted to support

1 Mr. Hirschler's proposal that would suggest or
2 support, using the NFPA 701 test material, will
3 yield improved safety.

4 The Committee based its rejection on the
5 proposal on these facts and so indicated it in its
6 accompanying statement.

7 In summary, in the absence of any
8 supporting data, we do not believe that different
9 fire testing requirements are justified for this
10 industry. Further, we continue to support the
11 determination of the NFPA RV committee that current
12 requirements are adequate.

13 Thank you.

14 PRESIDING CHAIRMAN: Thank you.

15 Microphone 5.

16 SPEAKER: Marcelo Hirschler, GBH
17 International, speaking in favor of the motion.

18 NFPA 701 was developed a very long time
19 ago for testing fabrics. In its use for testing
20 fabrics, no permanent install in the building.
21 Used for testing curtains, drapes. Used for
22 testing decorative materials. Used for testing a
23 lot of things that are transient in nature. So
24 this question about whether it's transient or
25 non-transient is really a red herring.

1 Second thing, there was recently -- well,
2 actually not recently, an entire conference on
3 vehicle transportation. That where it was
4 unanimous agreement that FMVSS failed to -- it's
5 useless. It was developed in the 1960s in order to
6 look at secret ignitions, and that's very good for
7 that. But we're beyond that. We need a proper
8 fire test for fabric, especially when they're
9 hanging them inside an RV, inside of a vehicle.

10 And what the gentleman was just talking
11 about, the precious second, I think we need to
12 provide the uses and those people who travel in
13 these vehicles more than a few precious seconds.

14 And the difference between 701 and the
15 FMVSS hereto, we need more than a precious second.

16 Please support the motion. Thank you.

17 PRESIDING OFFICER: Thank you.

18 Any further discussion on Motion 1192-1 to
19 accept Public Comment No. 5?

20 Mr. Chair, any final comments you'd like
21 to make.

22 COMMITTEE CHAIR: No, sir. Thank you.

23 PRESIDING OFFICER: Okay. Thank you,
24 Mr. Chair.

25 So at this point, we're going to move to a

1 vote; but before we do, let me restate the motion.

2 The motion on the floor is to accept
3 Public Comment No. 5. If you wish to vote in favor
4 of the motion and recommend the text on screen one,
5 then press one.

6 If you wish to vote against the motion
7 recommending the text on screen two, then press
8 two. You may record your vote now.

9 Balloting is closing in five seconds.
10 Voting closed.

11 And the results are 121 against, 97 for.
12 And the motion fails.

13 So now let's proceed with discussion on
14 Certified Amending Motion 1197.

15 Microphone 5.

16 SPEAKER: Marcelo Hirschler, GBS
17 International, and I move to accept Public Comment
18 No. 6.

19 PRESIDING OFFICER: Thank you. So we have
20 a motion to accept Public Comment No. 6.

21 Do I have a second?

22 UNKNOWN SPEAKER: Second.

23 PRESIDING OFFICER: We have a second.

24 Please proceed with your discussion.

25 SPEAKER: Marcelo Hirschler, GBH

1 International for NFPA.

2 Let me show you -- and you can look at it
3 on screen number two -- what is presently there
4 being cellular foam or foamed plastic materials
5 shall not be used for interior finish -- and then
6 there is exception. It shall be permitted on the
7 basis of fire tests that substantiate their
8 combustibility for the use intended in actual fire
9 conditions.

10 That's the wording we used to have
11 everywhere in the building code, in the fire code,
12 in life safety code forever, until we knew 15 years
13 ago or so what the actual tests are that we should
14 use for these foamed plastic materials.

15 Some of you may have heard. I gave a long
16 talk yesterday on what tests are used on plastic
17 materials, and that is exactly what I'm
18 recommending here, exactly the same as this. And
19 I'm adding the same exception that talks here about
20 to permit incidental use for molding, trim, splash
21 panels, and on doors.

22 Well, that same exception is there. No
23 change. The only difference is that we have to use
24 the same test for foamed plastic inside an RV as we
25 used foamed plastic everywhere. That's what we've

1 been doing for a long time. And I hope we can do
2 that in RVs too.

3 Thank you.

4 PRESIDING OFFICER: Thank you.

5 Mr. Mulvaney, would you like to offer the
6 Committee's position?

7 COMMITTEE CHAIR: Yes, Mr. Chair. Thank
8 you.

9 The Technical Committee on Recreational
10 Vehicles' position is we have not been presented
11 with any documentation that will suggest that a
12 different or additional standard is needed to
13 improve the current standard in regard to safety.

14 Thank you.

15 PRESIDING OFFICER: Thank you,
16 Mr. Mulvaney.

17 So with that, we'll open up debate on the
18 motion. Again, please provide your name and
19 affiliation and whether you're speaking in support
20 of or against the motion.

21 Microphone 3.

22 SPEAKER: Jim Lothrop, Cost Associates,
23 speaking for myself in favor of the motion.

24 What you see on screen two is absolutely
25 archaic material. All you have to do is look at

1 stations (inaudible) fires or fires in San Maria,
2 Brazil; and you can see the problems with the
3 material.

4 The material Marcelo has proposed is much
5 more up to date and will address the problems much
6 better.

7 Thank you.

8 PRESIDING OFFICER: Thank you.

9 Microphone 4.

10 SPEAKER: I'm Mark Luttich, the department
11 director for the Nebraska Public Service Commission
12 Housing and Recreational Vehicles Department as
13 chairman of the committee and current member of the
14 committee. I am speaking against the motion.

15 I'm speaking against the motion. I'm
16 joined here today with other members of that
17 committee -- David Mihalick of Thor Industries,
18 Jeff Christner of Grand Design RVs, Bruce Hopkins
19 secretary of the NFPA Technical Committee on
20 Recreational Vehicles and vice president of the
21 Recreational Vehicles Industry Association.

22 In an effort to ensure efficiency in our
23 opposition to the motion regarding the revisions to
24 the use of cellular foam or foamed plastic
25 materials, we have agreed to consolidate our

1 comments. I will be the only speaker on behalf of
2 the committee members speaking against this motion.

3 Mr. Hirschler submitted a proposal during
4 the first draft to amend the 1192 Standard for
5 Recreational Vehicles regarding the use of cellular
6 foam and foamed plastic materials in RVs. His
7 proposal was considered and rejected by the
8 committee. He then resubmitted his comment during
9 the second draft of revision. His comment was
10 reconsidered and then rejected by the Committee.

11 We are now here to address his motion to
12 amend the 1192 from the floor during this annual
13 meeting. Nothing has changed between
14 Mr. Hirschler's initial proposal and today. The
15 Committee understood his proposal that saw the
16 change in the testing methods to ensure fire safety
17 when using cellular foam or foamed plastic
18 materials. However, Mr. Hirschler submitted no
19 documentation with his proposal to illustrate why a
20 different standard is needed or that such a change
21 will actually improve fire safety of RVs using
22 cellular foam or foamed plastic materials.

23 The Committee based its rejection of the
24 proposal on the facts that's so indicated in its
25 accompanying statement. Perhaps one reason for the

1 absence of such supporting documentation is the
2 fact that RV manufacturers do not use foam or
3 foamed plastic as a primary interior finish
4 material in their vehicles. While some cellular
5 foam or foamed plastic materials are used for
6 incidental purposes such as trim, these materials
7 are rated to Federal Motor Vehicle Safety Standard
8 302 because of the use of motor homes.

9 As vehicles, RVs have not had fire-related
10 issues stemming from the use of cellular foam or
11 foamed plastic materials, particularly when used as
12 trim. The test standards Mr. Hirschler is
13 proposing for cellular foam on foamed plastic
14 materials were developed to address permanently
15 constructed building fires, although the
16 requirements of FMVSS 302 may not directly equate
17 to the fire safety criteria typically applied to
18 houses or buildings. The fact is they were
19 intended to. The fire safety requirements for RVs
20 are in place to allow persons the precious few
21 seconds needed to get out and away from an RV in
22 the event of a fire. Durability of a structure is
23 never the intent.

24 In summary and in the absence of any
25 supporting data, we do not believe that fire test

1 requirements are justified for our industry.
2 Further, we continue to support the determination
3 of the NFPA RV Committee that current requirements
4 are adequate.

5 Thank you.

6 PRESIDING OFFICER: Thank you.

7 THE WITNESS: Microphone 5.

8 SPEAKER: Howard Copper, UL, speaking in
9 favor of the motion on the floor. This item deals
10 with cellular foam insulation, which represents a
11 significant fire fuel low. And in looking at
12 Mr. Hirschler's motion, this introduces language
13 that's much more specific and a much more modern
14 way of addressing the potential hazard here than
15 the two exceptions that are currently in the
16 standard that are very vague on how to comply with
17 those requirements to begin with. So I'm speaking
18 in support of the motion.

19 Thank you.

20 PRESIDING OFFICER: Thank you.

21 Microphone 4.

22 SPEAKER: Bruce Hopkins, RVIA speaking
23 against the motion. The comments by the gentleman
24 just made referred to insulation. This requirement
25 has to do with interior finish; so it's only the

1 surface of the material that's involved. As
2 Mark Luttich indicated in his comment, cellular
3 foamed plastic is only used in trim applications
4 right now.

5 Thank you.

6 PRESIDING OFFICER: Thank you.

7 Microphone 3.

8 SPEAKER: Jim Lothrop, Cost Associates,
9 speaking for myself in favor of the motion.

10 Gentlemen stop supporting it because, as
11 an interior finish, it's actually a worse situation
12 as than an insulation.

13 Exposed foamed plastic is a problem. It
14 doesn't matter whether it's in a home, whether it's
15 in a motorhome, a recreational vehicle, or a
16 nightclub. This has been a problem since the '60s.
17 The Federal Trade Commission years ago had a
18 hearing on this and numerous issues of reports on
19 this. I just can't understand why people are
20 saying that, because it's recreational vehicles,
21 it's going to be okay to do this. There's nothing
22 in here that prevents them from using this trim.
23 Some guy comes along and wants to line the interior
24 on one of these with foamed plastic, they're going
25 to have to pass the proper test.

1 PRESIDING OFFICER: Thank you.

2 Microphone 5.

3 SPEAKER: Marcelo Hirschler, GBH
4 International for NFPA. In favor of the motion.

5 Just quickly want to reiterate, explain
6 that I did submit a very significant amount of
7 information both in the public proposal and in the
8 public comment as to why the tests that I
9 recommended are the appropriate ones and why they
10 are used in a variety of application everywhere
11 where cellular foamed plastic is used. I urge you
12 to support the motion.

13 Thank you.

14 PRESIDING OFFICER: Thank you.

15 Microphone 4.

16 SPEAKER: Bruce Hopkins, RVIA against the
17 motion. I understand the comments and the
18 concerns, but in this particular motion, when it's
19 being used for trim, it's still being permitted and
20 basically being exempt. So there's no advantage at
21 this point in time.

22 Thank you.

23 PRESIDING OFFICER: Thank you.

24 Is there any further discussion on Motion
25 1192-2 to accept Public Comment No. 6?

1 Mr. Chair, would you like to make any
2 final comments?

3 COMMITTEE CHAIR: No, sir. Thank you.

4 PRESIDING OFFICER: Thank you, Mr. Chair.

5 So at this point, we're ready to vote; but
6 before we vote, let me restate the motion. The
7 motion on the floor is to accept Public Comment
8 No. 6.

9 If you wish to vote in favor of the motion
10 and accept the recommended text on screen one, then
11 press one.

12 If you wish to vote against the motion
13 recommending the text on screen two, then press
14 two. So please record your votes.

15 Balloting will close in 5 seconds. Voting
16 closed.

17 So the results of the voting 163 for, 57
18 against; and this motion passes.

19 Is there any further discussion on
20 NFPA 1192? Seeing none, we'll move on.

21 Thank you, Mr. Mulvaney.

22 So at this point, this officially
23 concludes this portion of the 2014 NFPA Technical
24 Meeting. I want to thank you for your
25 participation, interest, and support and getting

1 through a very quick efficient agenda this
2 afternoon.

3 So I now declare this part of the meeting
4 officially closed.

5 Thank you.

6

7 (TIME NOTE: 3:27 P.M.)

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1 I, the undersigned, a Certified Court
2 Reporter of the State of Nevada, do hereby certify,
3 That the foregoing proceedings were taken
4 before me at the time and place herein set forth;
5 That any witnesses in the foregoing
6 proceedings, prior to testifying, were duly sworn;
7 That a record of the proceedings was made
8 by me using machine shorthand which was thereafter
9 transcribed under my direction;
10 That the foregoing transcript is a true
11 record of the testimony given.

12 Further, that before completion of the
13 proceedings, review of the transcript [] was [X]
14 was not requested.

15 I further certify I am neither financially
16 interested in the action nor a relative or employee
17 of any attorney or party to this action.

18 IN WITNESS WHEREOF, I have this date
19 subscribed my name:

20

21 Dated: June 26, 2014

22

Kimberly M. Lowe

23

CCR No. 849

24

25

[1 - action]

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[action - beginning]

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[behalf - committee]

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