12.4.1 Life Safety Evaluation.

12.4.1.1* General. Where a life safety evaluation is required by other provisions of this Code, it shall comply with the following:

   (1) The life safety evaluation shall be performed by persons acceptable to the AHJ.
   (2) The life safety evaluation shall include a written assessment of safety measures for conditions listed in 12.4.1.2 and of the building systems and facility management in accordance with 12.4.1.3.
   (3) The life safety evaluation shall be approved annually by the AHJ and shall be updated for special or unusual conditions in accordance with the provisions of 13.4.1 for existing assembly occupancies.

12.4.1.2 Conditions to Be Assessed. Life safety evaluations shall include an assessment of all of the following conditions and related appropriate safety measures:

   (1) Nature of the events and the participants and attendees
   (2) Access and egress movement, including crowd density problems
   (3) Medical emergencies
   (4) Fire hazards
   (5) Permanent and temporary structural systems
   (6) Severe weather conditions
   (7) Earthquakes
   (8) Civil or other disturbances
   (9) Hazardous materials incidents within and near the facility
   (10) Relationships among facility management, event participants, emergency response agencies, and others having a role in the events accommodated in the facility

12.4.1.3* Building Systems and Facility Management Assessments. Life safety evaluations shall include assessments of both building systems and facility management upon which reliance is placed for the safety of facility occupants, and such assessments shall consider scenarios appropriate to the facility.

12.4.1.3.1 Building Systems. Prior to issuance of the building permit, the design team shall provide the AHJ with building systems documentation in accordance with 12.4.1.4.

12.4.1.3.2 Facility Management. Prior to issuance of the certificate of occupancy, the facility management shall provide the AHJ with facility management documentation in accordance with 12.4.1.5.

12.4.1.4 Life Safety Building Systems Document. The AHJ shall be provided with a life safety building systems document providing the information required in 12.4.1.4.2 through 12.4.1.4.4.

12.4.1.4.1 Document Distribution. The persons performing the life safety evaluation, the AHJ, the A/E design team, and the building owner shall receive a copy of the life safety building systems document prior to issuance of the building permit.

12.4.1.4.2 Life Safety Narrative. A life safety narrative shall be provided describing the following:

   (1) Building occupancy, construction type, and intended uses and events
   (2) Building area and population capacity of the proposed facility
   (3) Principal fire and life safety features/strategies for the building, including as applicable the following:
(a) Egress
(b) Access control
(c) Fire barriers, smoke barriers, and smoke partitions
(d) Sprinkler protection
(e) Smoke control/protection
(f) Fire detection and alarm — visual and audible
(g) PA system
(h) Emergency elevator operation
(i) Emergency power and lighting
(j) Provisions for patrons with disabilities
(k) Fire department access
(l) Fire/Emergency command center

(4) Exterior construction design parameters used/applied

12.4.1.4.3 Life Safety Floor Plans. Life safety floor plans of each level shall be provided—as applicable—with the following:

(1) Occupant load, exit location, egress capacity, main entrance/exit, horizontal exits, travel distance, and exit discharge
(2) Fire barriers, and smoke barriers, and smoke partitions
(3) Areas of smoke-protected assembly occupancy
(4) Separate smoke-protected areas or zones, if applicable
(5) Areas of other occupancy type and separations, if required
(6) Unprotected vertical openings, including atriums, communicating spaces, and convenience openings
(7) Event plans for each anticipated type of event depicting the following:
   (a) Seating configuration
   (b) Exhibit booth layout
   (c) Stage location
   (d) Occupant load, egress capacity required, exits provided, and travel distance
   (e) Any floor or stage use restrictions
   (f) Plan and/or section drawing indicating areas where the roof construction is more than 50 ft (15 m) above floor level and limits areas where of sprinkler protection is omitted
   (g) Areas of refuge — interior and exterior

12.4.1.4.4 Engineering Analysis and Calculations. An engineering analysis and calculations shall be provided with the following:

(1) Smoke protection calculations analysis to substantiate the use of smoke-protected assembly seating as follows:
   (a) Performance-based design methods approved by the AHJ
   (b) Smoke exhaust and fresh air control requirements per NFPA 92, Standard for Smoke Control Systems
   (c) Smoke control assumptions, such as fire scenario description, fire size quantification, and smoke development/smoke movement analysis
   (d) Smoke maintained at a level 6 ft above the floor of the means of egress
   (e) Proposed testing protocol for smoke control system and pass/fail criteria
   (d) Calculations for performance-based design methods accepted by the AHJ
   (e) Smoke and fire modeling
   (f) Timed egress analysis and assumed flow rates and travel speeds
   (g) Assumed flow rates and travel speed

(2) Sprinkler protection calculations, including an engineering analysis substantiating locations in accordance with 12.3.5.3 where sprinkler protection would be ineffective due to height and combustible loading
(3) Load diagram of rigging/load capacity of gridiron, fly loft, or long-span roof structure used for hanging overhead objects

12.4.1.5 Life Safety Management Document. The AHJ shall be provided with a life safety management document providing the information required in 12.4.1.5.2 through 12.4.1.5.7.

12.4.1.5.1 Document Distribution. The persons performing the life safety evaluation, the AHJ, the A/E design team, and the building owner shall receive a copy of the life safety management document prior to issuance of the certificate of occupancy.

12.4.1.5.2 Facility Management and Operational Plans. Facility management and operational plans shall address the following:

(1) Best practices adopted or recognized
(2) Emergency plans
(3) Evacuation plans
(4) Shelter-in-place plans, including capacities and protection considerations
(5) Crowd management training plan
(6) Safety plans, which include the following:
    (a) Training plans
    (b) Safety equipment plans
(7) Fire alarm, smoke control system protocol, and testing plans
(8) First aid or medical treatment plans, which include the following:
    (a) Defined levels of service
    (b) Standing orders adopted
    (c) Supply and equipment plan
(9) Housekeeping plans — biological, medical, hazardous materials cleaning
(10) Emergency communication plans, which include the following:
    (a) Chain of authority and incident command system employed
    (b) Contact information for the following:
        i. Venue personnel
        ii. Emergency management and response organizations, (e.g., such as fire, police, medical, utility, transportation, and key stakeholders)
    (c) Communication systems
    (d) Standard announcement for incidents or emergency situations
(11) Risk and threat assessment for venue and surrounding area for the following:
    (a) Severe weather
    (b) Hazardous materials
    (c) Terrorism
    (d) Hostile intruder
(12) Operating procedures and protocols for risks, such as the following:
    (a) Severe weather preparedness and monitoring plans
    (b) Hazardous materials incidence response plans
    (c) Terrorism response plans
    (d) Hostile intruder response plans
(13) First responder response/arrival routes plans
(14) Alcohol management plans
(15) Food safety plans
(16) Rigging and temporary performance structure, which includes the following:
    (a) Design and safety review plans
    (b) Emergency action plans
(17) Chemical and hazardous materials information and data
(18) Barrier and wall protection plans for motor sports or similar events

12.4.1.5.3 Records. Records of the facility management plans, including procedures and location, shall be maintained for the following:
(1) Crowd management training
(2) Safety training
(3) Fire alarm, smoke control system maintenance, and test records
(4) First aid or medical treatment and regulation compliance

12.4.1.5.4 Building Systems Reference Guide. A building systems reference guide shall be provided in accordance with 12.4.1.5.4.1 through 12.4.1.5.4.3.
12.4.1.5.4.1 A basic life safety building systems reference guide shall be developed and maintained.
12.4.1.5.4.2 The life safety building systems reference guide shall contain the important and key information for the venue management’s use when planning events/activities for the safety of patrons, performers/participants, employees, and vendors.
12.4.1.5.4.3 The life safety building systems document in accordance with 12.4.1.4 shall be permitted to be used, but and additionally the life safety building systems reference guide shall include the following:
(1) Occupant capacity of every space/room
(2) Egress flow diagrams, including assumed flow rates, and capacities of all aisles and hallways, including public and nonpublic areas
(3) Capacities of all exterior doors and/or choke points in immediate perimeter areas
(4) Limitations or assumptions for ingress control that could be in place during an emergency egress/evacuation, including control gates, queuing barriers, and turnstiles
(5) Capacities of immediate perimeter exterior walkways, including assumed flow rates for exterior areas
(6) Assumed egress paths for normal conditions — transportation modes
(7) Management level (lay) sequencing charts for alarm and emergency communication systems, the manual, or override options/instructions that include the following:
   (a) List of codes or alarm signals
   (b) Location of manual overrides
   (c) Description of what exactly happens during an alarm sequence of operations during an alarm such as exhaust fans operate or doors open
(8) Principal fire and life safety features/strategies, such as sprinklers, smoke control, fire alarm notifications, PA system, emergency power, and fire department access
(9) Assumptions when developing occupancy plans for venue floor, open areas, and nonevent spaces, such as the following:
   (a) Event floor plans/setup diagrams for each typical event/activity
   (b) Fire sprinkler and smoke protection capabilities
(10) Severe weather shelter areas, locations, structure considerations (limitations), capacities (occupancy and density factor)
(11) Command center, which includes the following:
   (a) Location (formal or informal)
   (b) Structural integrity considerations
   (c) Redundant locations and/or capabilities
   (d) Jurisdictional rights — assumed and/or applied
(12) Locations and capacities of wheelchair and mobility-impaired seating
(13) Locations and capacities of “Safe Haven areas of refuge and other safe areas
(14) Rigging or structural load capacities of grids, truss structure, fly lofts, ceilings, floors, ramps, staging, etc.
(15) List of locations of emergency equipment (i.e., such as fire extinguishers, fire hose cabinets, fire hydrants, AEDs, etc.)
(16) Sequencing of electrical service, such as the following:
   (a) Emergency generators and charts of all areas illuminated during power outages
   (b) Multiple electrical feed capabilities
(17) List of mechanical, moveable equipment in the facility
(18) Potential hazards in the surrounding neighborhood, including train tracks and propane stations
(19) Assumptions or accommodations considered and used in design

12.4.1.5.5 The facility management plans shall be maintained and adjusted as necessary for changes to the venue structure, operating purposes and style, and event occupancy.

12.4.1.5.6 Facility management and operational plans shall be reviewed by submitted to the AHJ annually.

12.4.1.5.7 For events and activities at the venue that are outside the normal operating conditions or vary from the normal facility management plans, the following shall apply:
   (1) Facility management shall perform an event/activity-specific facility management plan for the AHJ to review.
   (2) The AHJ shall provide guidance as needed, but approval of the AHJ for the specific facility management plan shall occur prior to such event.

2. No further change to advisory annex text A.12.4.1.1 and A.12.4.1.3

3. Revise 13.4.1, from what was done by Second Revision SR-96 (Annual 2014 revision cycle – NFPA 101 Second Draft), to read as follows:

13.4.1 Life Safety Evaluation.

13.4.1.1 General. Where a life safety evaluation is required by other provisions of this Code, it shall comply with the following:
   (1) The life safety evaluation shall be performed by persons acceptable to the AHJ.
   (2) The life safety evaluation shall include a written assessment of safety measures for conditions listed in 13.4.1.2 and of the building systems and facility management in accordance with 13.4.1.3.
(3) The life safety evaluation shall be approved annually by the AHJ and shall be updated for special or unusual conditions in accordance with the provisions of 13.4.1 for existing assembly occupancies.

**13.4.1.2 Conditions to Be Assessed.** Life safety evaluations shall include an assessment of all of the following conditions and related appropriate safety measures:

1. Nature of the events and the participants and attendees
2. Access and egress movement, including crowd density problems
3. Medical emergencies
4. Fire hazards
5. Permanent and temporary structural systems
6. Severe weather conditions
7. Earthquakes
8. Civil or other disturbances
9. Hazardous materials incidents within and near the facility
10. Relationships among facility management, event participants, emergency response agencies, and others having a role in the events accommodated in the facility

**13.4.1.3 Building Systems and Facility Management Assessments.** Life safety evaluations shall include assessments of both building systems and facility management upon which reliance is placed for the safety of facility occupants, and such assessments shall consider scenarios appropriate to the facility.

**13.4.1.3.1 Building Systems.** Documentation of the building systems in accordance with 13.4.1.4 shall be provided upon request of the AHJ.

**13.4.1.3.2 Facility Management.** Facility management shall provide the AHJ with facility management documentation in accordance with 13.4.1.5 upon request of the AHJ.

**13.4.1.3.3 Life Safety Evaluation.** The life safety evaluation shall confirm that the building systems and the facility management and operational plans provide appropriate safety measures.

**13.4.1.4 Life Safety Building Systems Document.** The AHJ shall be provided with a life safety building systems document providing the information required in 13.4.1.4.2 through 13.4.1.4.4.

**13.4.1.4.1 Reserved.**

**13.4.1.4.2 Life Safety Narrative.** A life safety narrative shall be provided describing the following:

1. Building occupancy, construction type, and intended uses and events
2. Building area and population capacity of the proposed facility
3. Principal fire and life safety features/strategies for the building, such as including—as applicable—the following:
   - Egress
   - Access Control
   - Fire barriers, smoke barriers, and smoke partitions
   - Sprinkler protection/Fire suppression systems
   - Smoke control/protection
   - Fire detection and alarm—visual and audible
   - PA system
   - Emergency elevator operation
   - Emergency power and lighting
   - Provisions for patrons with disabilities
   - Fire department access
   - Fire/Emergency command center
4. Exterior construction design parameters used/applied

**13.4.1.4.3 Life Safety Floor Plans.** Life safety floor plans of each level shall be provided—provided—as applicable—with the following:

1. Occupant load, exit location, exit capacity, main exit/entry/entrance/exit, horizontal exits, travel distance, and exit discharge
2. Fire bars, smoke barriers, and smoke partitions
3. Areas of smoke-protected assembly occupancy
4. Separate smoke-protected areas or zones, if applicable
5. Areas of other occupancy type and separations, if required
6. Unprotected vertical openings, such as atriums, communicating spaces, and convenience openings
7. Event plans for each anticipated type of event depicting the following:
   - Seating configuration
   - Exhibit booth layout
13.4.1.4.4 Engineering Analysis and Calculations. An engineering analysis and calculations shall be provided with the following:

1. Smoke protection calculations analysis to substantiate the use of smoke-protected assembly seating as follows:
   (a) Performance-based design methods approved by the AHJ
   (b) Smoke exhaust and fresh air control requirements per NFPA 92, Standard for Smoke Control Systems
   (c) Smoke control assumptions, such as fire scenario description, fire size quantification, and smoke development/smoke movement analysis
   (d) Smoke maintained at a level 6 ft above the floor of the means of egress
   (e) Proposed testing protocol for smoke control system and pass/fail criteria
   (f) Calculations for performance-based design methods accepted by the AHJ
   (g) Smoke and fire modeling
   (h) Timed egress analysis and assumed flow rates and travel speeds
   (i) Assumed flow rates and travel speed

2. Sprinkler protection calculations, including an engineering analysis substantiating locations in accordance with 13.3.5.3 where sprinkler protection would be ineffective due to height and combustible loading

3. Load diagram of rigging/load capacity of gridiron, fly loft, or long-span roof structure used for hanging overhead objects

13.4.1.5 Life Safety Management Document. The AHJ shall be provided with a life safety management document providing the information required in 13.4.1.5.2 through 13.4.1.5.7.

13.4.1.5.1 (Reserved.)

13.4.1.5.2 Facility Management and Operational Plans. Facility management and operational plans shall address the following:

1. Best practices adopted or recognized
2. Emergency plans
3. Evacuation plans
4. Shelter-in-place plans including capacities and protection considerations
5. Crowd management training plans
6. Safety plans, which include the following:
   (a) Training plans
   (b) Safety equipment plans
7. Fire alarm, smoke control system protocol, and testing plans
8. First aid or medical treatment plans, which include the following:
   (a) Defined levels of service
   (b) Standing orders adopted
   (c) Supply and equipment plan
9. Housekeeping plans — biological, medical, hazardous materials cleaning
10. Emergency communication plans, which include the following:
    (a) Chain of authority and incident command system employed
    (b) Contact information for the following:
        i. Venue personnel
        ii. Emergency management and response organizations, (e.g., such as fire, police, medical, utility, transportation, and key stakeholders)
    (c) Communication systems
    (d) Standard announcement for incidents or emergency situations
11. Risk and threat assessment for venue and surrounding area for the following:
    (a) Severe weather
    (b) Hazardous materials
    (c) Terrorism
    (d) Hostile intruder
12. Operating procedures and protocols for risks, such as the following:
(a) Severe weather preparedness and monitoring plans  
(b) Hazardous materials incidence response plans  
(c) Terrorism response plans  
(d) Hostile intruder response plans  
(13) First responder response/arrival routes plans  
(14) Alcohol management plans  
(15) Food safety plans  
(16) Rigging and temporary performance structure, which includes the following:  
  (a) Design and safety review plans  
  (b) Emergency action plans  
(17) Chemical and hazardous materials information and data  
(18) Barrier and wall protection plans for motor sports or similar events

13.4.1.5.3 Records. Records of the facility management plans, including procedures and location, shall be maintained for the following:

1. Crowd management training  
2. Safety training  
3. Fire alarm, smoke control system maintenance, and test records  
4. First aid or medical treatment and regulation compliance

13.4.1.5.4 Building Systems Reference Guide. A building systems reference guide shall be provided in accordance with 13.4.1.5.4.1 through 13.4.1.5.4.3.

13.4.1.5.4.1 A basic life safety building systems reference guide shall be developed and maintained.

13.4.1.5.4.2 The life safety building systems reference guide shall contain the important and key information for the venue management’s use when planning events/activities for the safety of patrons, performers/participants, employees, and vendors.

13.4.1.5.4.3 The life safety building systems document in accordance with 13.4.1.4 shall be permitted to be used, but additionally the life safety building systems reference guide shall include the following:

1. Occupant capacity of every space/room  
2. Egress flow diagrams, including assumed flow rates, and capacities of all aisles and hallways, including public and nonpublic areas  
3. Capacities of all exterior doors and/or choke points in immediate perimeter areas  
4. Limitations or assumptions for ingress control that could be in place during an emergency egress/evacuation, including control gates, queuing barriers, and turnstiles  
5. Capacities of immediate perimeter exterior walkways, including assumed flow rates for exterior areas  
6. Assumed egress paths for normal conditions — transportation modes  
7. Management level (lay) sequencing charts for alarm and emergency communication systems, the manual, or override options/instructions that include the following:  
  (a) List of codes or alarm signals  
  (b) Location of manual overrides  
  (c) Description of what exactly happens during an alarm, sequence of operations during an alarm such as exhaust fans operate or doors open  
8. Principal fire and life safety features/strategies, such as sprinklers, smoke control, fire alarm notifications, PA system, emergency power, and fire department access  
9. Assumptions when developing occupancy plans for venue floor, open areas, and nonevent spaces  
  (a) Event floor plans/setup diagrams for each typical event/activity  
  (b) Fire sprinkler and smoke protection capabilities  
10. Severe weather shelter areas, locations, structure considerations (limitations), capacities (occupancy and density factor)  
11. Command center, which includes the following:  
  (a) Location (formal or informal)  
  (b) Structural integrity considerations  
  (c) Redundant locations and/or capabilities  
  (d) Jurisdictional rights — assumed and/or applied  
12. Locations and capacities of wheelchair and mobility-impaired seating  
13. Locations and capacities of “Safe Haven” areas of refuge and other safe areas  
14. Rigging or structural load capacities of grids, truss structure, fly lofts, ceilings, floors, ramps, staging, etc. and staging
(15) List of locations of emergency equipment (i.e., such as fire extinguishers, fire hose cabinets, fire hydrants, AEDs, etc.)

(16) Sequencing of electrical service, such as the following:
   (a) Emergency generators and charts of all areas illuminated during power outages
   (b) Multiple electrical feed capabilities

(17) List of mechanical, moveable equipment in the facility

(18) Potential hazards in the surrounding neighborhood, including train tracks and propane stations

(19) Assumptions or accommodations considered and used in design

13.4.1.5.5 The facility management plans shall be maintained and adjusted as necessary for changes to the venue structure, operating purposes and style, and event occupancy.

13.4.1.5.6 Facility management and operational plans shall be reviewed by submitted to the AHJ annually.

13.4.1.5.7 For events and activities at the venue that are outside the normal operating conditions or vary from the normal facility management plans, the following shall apply:
   (1) Facility management shall perform an event/activity-specific facility management plan for the AHJ to review.
   (2) The AHJ shall provide guidance as needed, but approval of the AHJ for the specific facility management plan shall occur prior to such event.

4. No further change to advisory annex text A.13.4.1.1 and A.13.4.1.3

Submitter’s Substantiation: This TIA is submitted at the recommendation of the Correlating Committee on Safety Life which reviewed technical changes being made to the Life Safety Evaluation provisions related to designer and owner responsibilities (NFPA 101 12.4.1 and 13.4.1) by the Assembly Occupancies Technical via the Second Draft for the 2015 Annual Meeting. The Correlating Committee is in agreement with the technical committee chair that revision is desirable to avoid potential for incorrect and inconsistent enforcement. The processing of the TIA is intended to provide the Standards Council with the materials it will need to blend the changes from the TIA with the code text developed by the committee for issuance as part of the 2015 edition of NFPA 101 – something the Council will address at its August 2014 meeting. Substantiation for the proposed corrections follows.

1. NFPA 101 12.4.1.4.2 / 13.4.1.4.2 Life Safety Narrative. The Second Draft omits the following requirements for the Life Safety Narrative: egress; access control; fire barriers, smoke barriers, and smoke partitions; fire detection; and emergency elevator operation. These features are critical to the overall safety of the occupants. Without specific explanation, designers and enforcers may incorrectly assume that these items where purposefully omitted, which will lead to incomplete, incorrect, and potentially unsafe designs. This TIA corrects these omissions.

2. NFPA 101 12.4.1.4.4 / 13.4.1.4.4 Engineering Analysis and Calculations. The Second Draft requires smoke control designs to meet NFPA 92 – Standard for Smoke Control Systems, and also requires the design to provide the following: smoke maintained at a level 6 ft above the floor of the means of egress. This new requirement will explicitly prohibit all smoke below 6 ft, whether tenable or not, and whether occupants have evacuated or not. This poses two issues.

   Issue A. This is in direct conflict with long standing methods for evaluating performance criteria outlined within NFPA 101 A.5.2.2. More specifically, this conflicts with Methods 1 and 2.
   - Method 1 allows occupants to evacuate through smoke where tenable conditions are maintained.
   - Method 2 allows smoke to bank down within areas where occupants are expected to have previously evacuated, such as an upper level balcony in a large open space.
   Both Methods allow smoke to descend below 6 ft above the floor of the means of egress, and are considered safe by NFPA 101.
   To be clear, Life Safety Evaluations are intended to follow guidance from NFPA 101 Chapter 5. The text of A.12.4.1.1 / A.13.4.1.1 states in part the following.
   Life safety evaluations are examples of performance-based approaches to life safety. In this respect, significant guidance in the form and process of life safety evaluations is provided by Chapter 5, keeping in mind the fire safety emphasis in Chapter 5.
   The 6 ft requirement is in direct conflict with Chapter 5. This TIA resolves this conflict.

   Issue B. The second issue involves practical design implications with the 6 ft requirement, as this puts an undue burden upon designs using Computational Fluid Dynamics (CFD) simulation to substantiate tenability. In many cases,
these simulations are necessary and prudent to appropriately account for smoke movement in geometrically complex spaces. In addition, the enhanced detail provided in less complex spaces allows for better informed design.

Consider the following, NFPA 92 Figure A.3.3.13.1 notes that the Smoke Layer Interface is above the First Indication of Smoke. Since equations within NFPA 92 specifically calculate the Smoke Layer Interface, smoke is clearly expected to be present below the NFPA 92 calculated smoke layer. Smoke below the calculated Smoke Layer Interface is neglected for Equations within NFPA 92.

![Figure A.3.3.13.1 First Indication of Smoke.](image)

CFD simulations provide better resolution of the smoke layer properties, and predict the Transition Zone with relatively good accuracy. When CFD methods are required to limit all smoke below the 6 ft zone (6 ft above the floor of the means of egress), the simulations must use the First Indication of Smoke as criteria, rather than the Smoke Layer Interface. Thus, these CFD simulations would require more smoke exhaust and would maintain the Smoke Layer Interface at a greater distance above the floor than required by NFPA 92 equations. This TIA resolves this conflict.

3. **Example Inconsistencies NFPA 101 12.4.1.3.3.3 / 13.4.1.3.3.3.** Other changes within the TIA are proposed to avoid inconsistencies within NFPA 101. For example, NFPA 101 12.4.1.3.3.3 / 13.4.1.3.3.3 in the proposed draft requires the following.

   The AHJ shall determine acceptable persons performing the life safety evaluation in a timely manner to enable the design team and facility management to resolve concerns to the satisfaction of the persons performing the life safety evaluation prior to their submission.

   The draft language requires the AHJ to determine the acceptable persons. This infers selection and thus places an undue burden on the AHJ. This also takes selection ability and responsibility away from the owner and designer team. The TIA amends the text from determine to approve to be consistent with other portions of NFPA 101.

**Emergency Nature:** In accordance with the Regulation Governing the Development of NFPA Standards, clause 5.3(a), the proposed TIA intends to correct an error or an omission that was overlooked during a regular revision process.

The changes for the 2015 draft were meant to clarify the responsibilities and the level of detail for Life Safety Analysis. As stated in the above substantiation, the text proposed by the committee includes incorrect and inconsistent provisions. These changes are necessary: (1) to avoid undue burden on the AHJ; (2) to avoid potentially unsafe designs; and (3) to avoid inherent inconsistencies in the 2015 edition of NFPA 101.

By processing the TIA at this time, the public review and committee balloting (technical committee and correlating committee) can be completed in time to provide the Standards Council with the materials it will need to blend the changes from the TIA with the code text developed by the committee for issuance as part of the 2015 edition of NFPA 101.

*Anyone may submit a comment by the closing date indicated above. To submit a comment, please identify the number of the TIA and forward to the Secretary, Standards Council, 1 Batterymarch Park, Quincy, MA 02169-7471.*