Indiana State Department of Health Katy Jane, K-Tags and Keeping Up-What Happens When, Problem **Avoidance, Trends** Robert Solomon, PE

Agenda

Introductory Remarks Nursing Home Fires-Case Studies K-tag Violations and the Code **NFPA Codes and CMS-The Last 10 Years and Next Steps**



NFPA 101 Background

- NFPA founded in 1896
 - Automatic sprinkler systems, fire pumps, water storage tanks, electricity
 - Property loss focus
- NFPA 101
 ASCH fire, NYC March 1911 (Triangle Shirtwaist Fire)
 - 142 fatalities
- 1913 (first edition)- Predecessor to NFPA 101 accepted by NFPA Board and membership
 Continuous updates to NFPA 101 as a result of
- new technology, new concepts, building loss investigations

NFPA 101 and CMS

- NFPA 101 2000 ed. serves as the base enforcement tool for CMS
- CMS authority permits:
 - Exception
 - Modification
 - Interpretation

to NFPA 101 (AHC thresholds, roller latches, Performance Based Design Option, ABHR placement, *sprinkler requirements*)
NFPA 101 adoption/modification by CMS via NPRM



NFPA 101 and CMS

- · Department of Health, Education and Welfare
 - 1970-Social Security Act
 - Mandatory compliance with NFPA 101-
 - Equally applicable to new and existing
 - COP includes compliance with NFPA 101
 - Non-Compliance = Non-Reimbursement
- HEW/HHS/HCFA/CMS

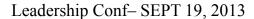


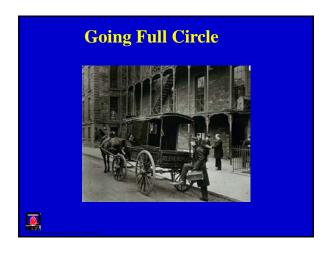
1

-Updated code compliance for 1976, 1985, 2000 editions of NFPA 101

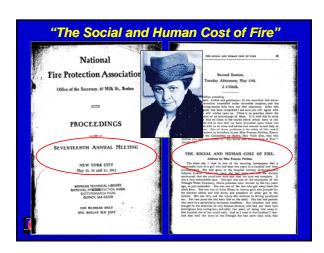
...set the WABAC Machine





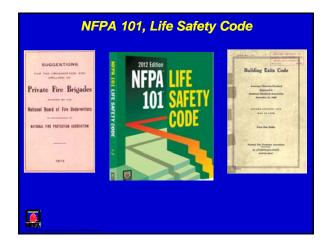


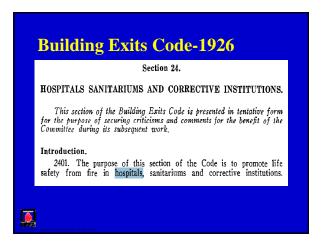


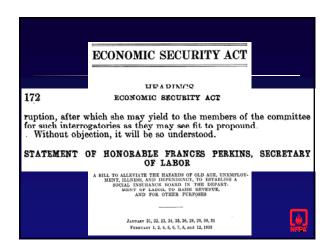


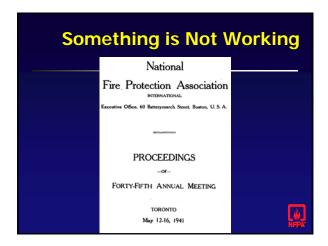
ISDH

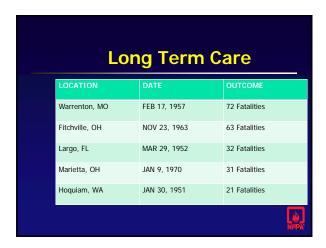
Robert Solomon, P.E. - NFPA

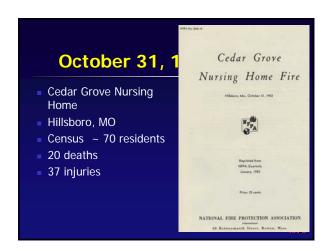


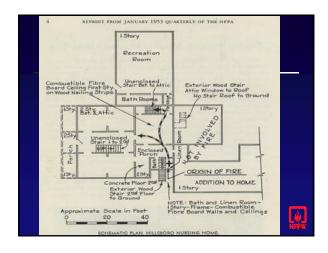






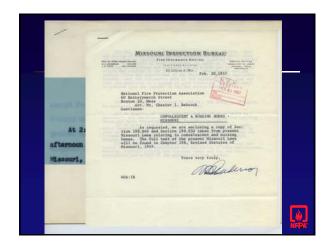


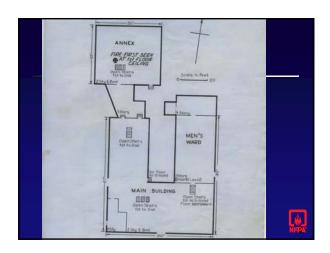


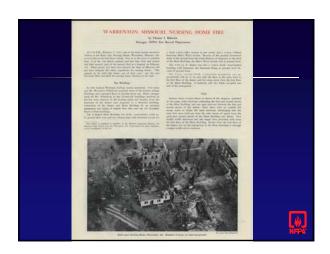




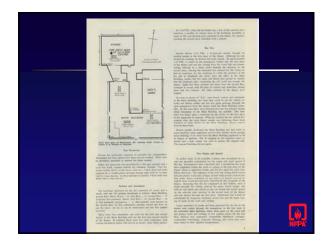












Grim inadequacy of the state inspection and safety program for nursing homes was thrust into ghastly highlight by Sunday's holocaust in the Katie Jane Memorial Home at Warrenton.

The reason? The State Division of Health hasn't nearly enough staff to inspect and to enforce even sketchy provisions of present laws.

The director, Dr. James R. Amos, said the statute requires inspection once a year, but he has only 17 employees to supervise conditions in more than 600 nursing homes, caring for in excess of 13,000 old and ill persons. These 17 include 12 inspectors and five nurses; usually a nurse and inspector must go on each investigative trip. These 17 also have the duty to inspect all hotels, motels and similar establishments in the state!

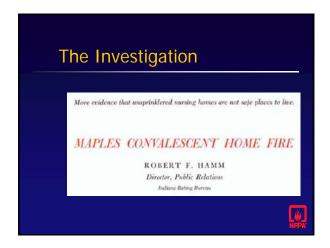
Missouri is one of only seven states that have no fire marshal and staff to inspect and enforce fire-hazard regulations!



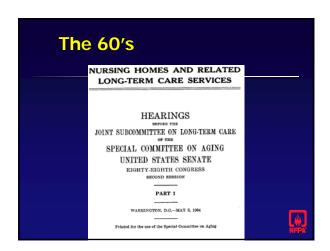


A champion of the elderly citizens of Missouri, Blair set up an agency to investigate the needs of the aged and to make recommendations to the legislature. He wanted to transfer a number of senile people out of state mental institutions into homes for the aged or to family care. Blair supported the Nursing Home Licensing Law that tightened the regulations on safety in nursing homes and provided for inspections and tougher penalties for homes that did not comply.

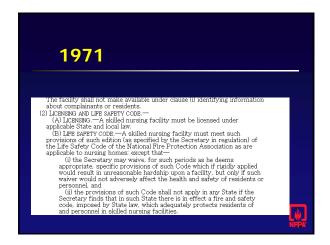
December 18, 1964 Maples Convalescent Home Fountaintown, IN Census-34 Residents 20 deaths

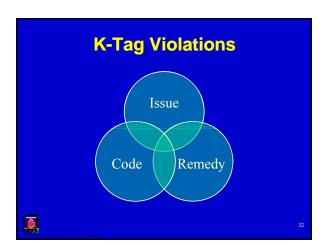


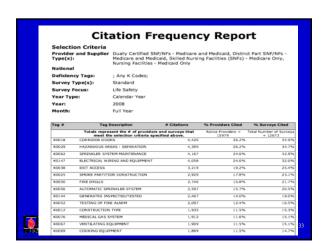




ISDH





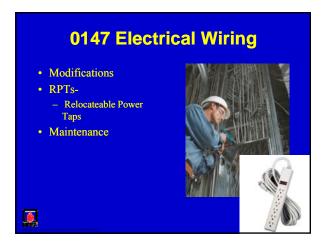






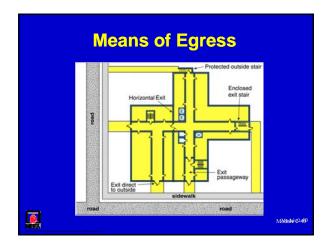


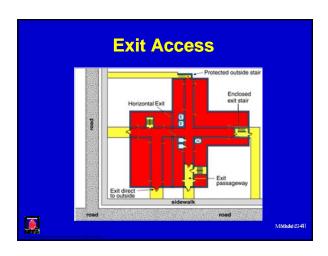
O062 Sprinkler System Maintenance • Frequency of ITM program • Record keeping • Coverage - Wardrobes - Walk-in coolers

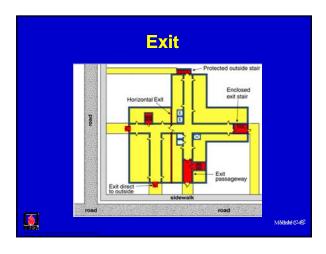


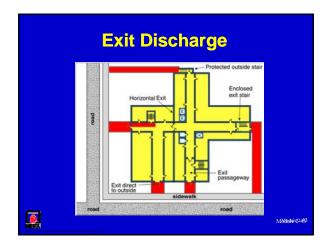


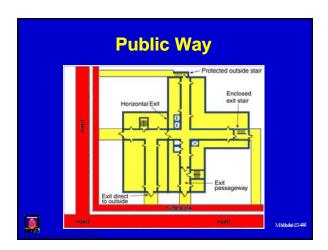
ISDH Robert Solomon, P.E. – NFPA



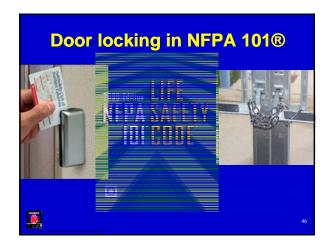




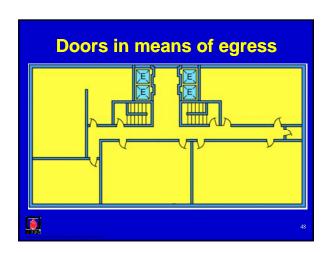




















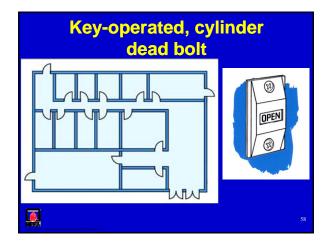














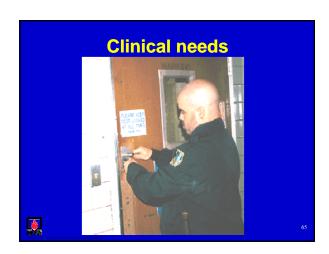








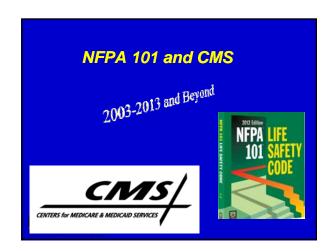






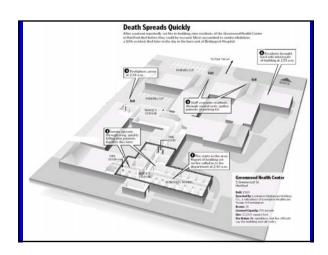


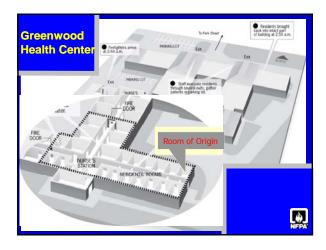




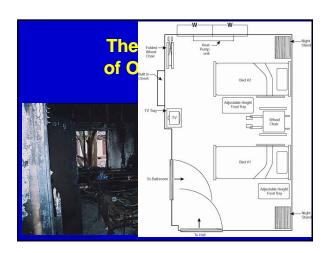










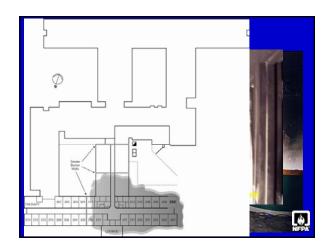














GAO Report Recommendations for Executive Action Report to Congressional Requesters NURSING HOME FIRE SAFETY Recent Fires Highlight Weaknesses in Federal Standards and Oversight Personal Standards and Oversight Recommendations for Executive Action Work with NFPA to strengthen fire safety standards for unsprinklered nursing homes, such as requiring smoke detectors in resident rooms, exploring the feasibility of requiring sprinklers in all nursing homes, and developing a strategy for financing such requirements. Ensure that thorough investigations are conducted following multiple death nursing home fires so that fire safety standards can be reevaluated and modified where appropriate.

CMS Survey & Certification (S&C) Letters

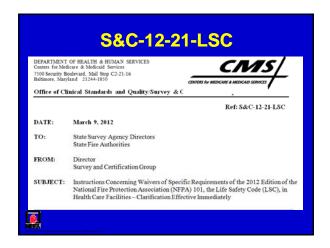
- Clarify a policy
- Provide direction or instruction
- Explicitly permits or outlines a waiver process



March 9, 2012

- CMS Issued a Survey & Certification (S&C) Letter concerning portions of the 2012 code.
- How did we get here?
- Where to next?





S&C-12-21-LSC: Affected Sections

 LSC sections 18/19.2.3 Capacity of Means of Egress and more specifically the requirements at 18/19.2.3.4 which allow, under certain circumstances, projections into the means of egress corridor width for wheeled equipment and fixed furniture;





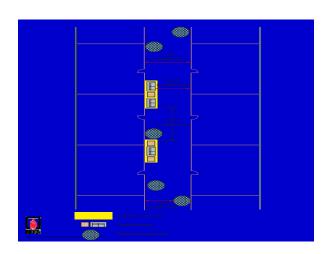














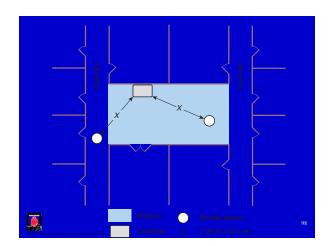
S&C-12-21-LSC: Affected Sections

• LSC section 18/19.3.2.5 Cooking Facilities, more specifically the requirements at 18/19.3.2.5.2, 18/19.3.2.5.3, 18/19.3.2.5.4 and sections 18/19.3.2.5.5 which allow certain types of alternative type kitchen cooking arrangements;



Health Care Cooking Facilities - 18/19.3.2.5





S&C-12-21-LSC:

Affected Sections
• LSC section 18/19.5.2 Heating, Ventilating, and Air Conditioning, more specifically the requirements at 18/19.5.2.3(2), (3) and (4) which allow the installation of direct vent gas fireplaces in smoke compartments containing patient sleeping rooms and the installation of solid fuel burning fireplaces in areas other than patient sleeping areas;







S&C-12-21-LSC:

Affected Sections

• And lastly, CMS will consider a waiver to allow the use of the requirements found at LSC section 18/19.7.5 Furnishings, Mattresses, and Decorations including sections 18/19.7.5.6 which allow the installation of combustible decorations on walls, doors and ceilings.



S&C-12-21-LSC: Summary

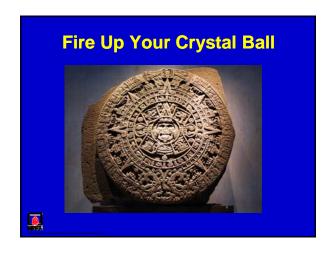
Memorandum Summary

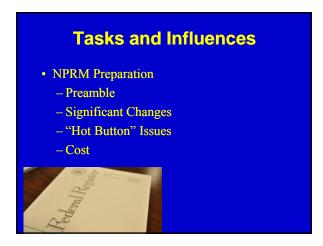
- Updates to Previous Instructions: This letter addresses updates to the Centers for Medicare & Medicaid Services (CMS) policy regarding Capacity of the Means of Egress; Cooking Facilities; Heating, Ventilating, and Air Conditioning; and Furnishings, Mattresses, and Decorations.
- Permitting Nursing Homes to Utilize Certain Changes to Life Safety Code Provisions Immediately: Since these changes are included in the 2012 Life Safety Code, CMS is permitting nursing homes to use the new provisions immediately.
- permitting nursing homes to use the new provisions immediately.

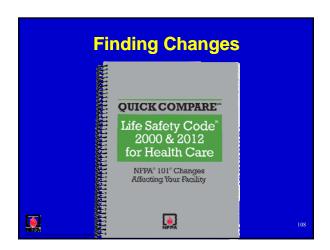
 Waiver Processing: Waiver requests will be processed in accordance with standard operating procedures.

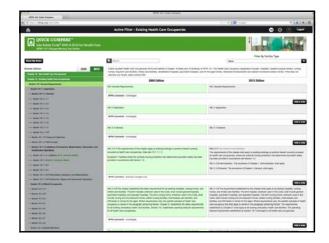


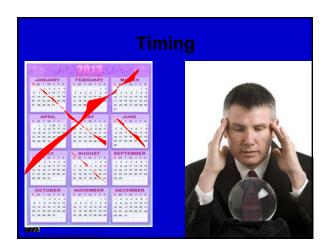
Centers for Mec 7500 Security B Baltimore, Mar	OF HEALTH & HUMAN SERVICES laime & Medical Services unlerwed, Mall Step C-12-1-16 unt 1224-13250 liftical Standards and Quality /Survey & Certification Group
DATE:	Ref: S&C: 13-58-LSC
TO:	State Survey Agency Directors
FROM:	Director Survey and Certification Group
SUBJECT:	2000 Edition National Fire Protection Association (NFPA) 101® Life Safety Code (LSC) Waivers
	Memorandum Summary
Services edition of certified an equal	Categorical LSC Walvers Premitted: The Centers for Medicare & Medicarid (CMS) has identified several nears of the 2000 edition of the LSC and 1999 (NFPA 99 that may result in unreasonable hardship on a large number of providers vappliers and for which there are alternative approaches that provide level of protection. This memorandum specifies the provisions that are for waiver, including the conditions for the alternative approaches.
are not re that they conferen waiver p requires	s and Suppliers Must Elect to Use the Walver: Individual waiver applications quired, but providers and suppliers are expected to have written documentation have elected to use a waiver and must notify the survey team at the untrance ee for any survey assessing LSC compliance that it has elected the use of a emitted under this guidance and that it meets the applicable waiver ents. The survey team will review the information and confirm they are meeting mustances for the waiver.











NFPA 1 Batterymarch Park Quincy, MA 02169 (617) 770-3000 www.nfpa.org