

HOUSTON HEALTHCARE EMERGENCY PREPAREDNESS SUMMIT 2017



TEXAS DEPARTMENT OF AGING AND DISABILITY SERVICES

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HARRIS COUNTY HC TOTALS

268 ASSISTED LIVING FACILITIES

- 19 LARGE TYPE A ALFs
- 93 SMALL TYPE A ALFs
- 69 LARGE TYPE B ALFs
- 87 SMALL TYPE B ALFs



HARRIS COUNTY HC TOTALS

83 PRIVATELY OWNED ICF

97 NURSING FACILITIES

42 DAY ACTIVITY HEALTH SERVICES

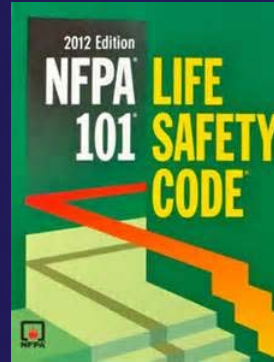


NFPA 101 2012 EDITION

CODE BOOK COST \$98.00 + S&H

<http://catalog.nfpa.org>

1-800-344-3555



Code Effective Dates

For Certification by CMS:

2012 ed. of NFPA 101 Life Safety Code

2012 ed. Of NFPA National HC Facilities Code

- Effective Date: July 5, 2016
- Compliance Date: November 1, 2016

For Licensure:

- State NFR/LMC revisions in process
- Projected Effective Date: January 11, 2018



NFPA 99 National Health Care Facilities Code 2012 Edition

- Does not have occupancy chapters
- CMS is not adopting certain chapters of NFPA 99, including Information Technology and Communications Systems for Health Care Facilities, Plumbing, **Emergency Management** and Security Management



CMS Emergency Preparedness Rule

Understanding the Emergency Preparedness Final Rule

[INSERT YOUR NAME]

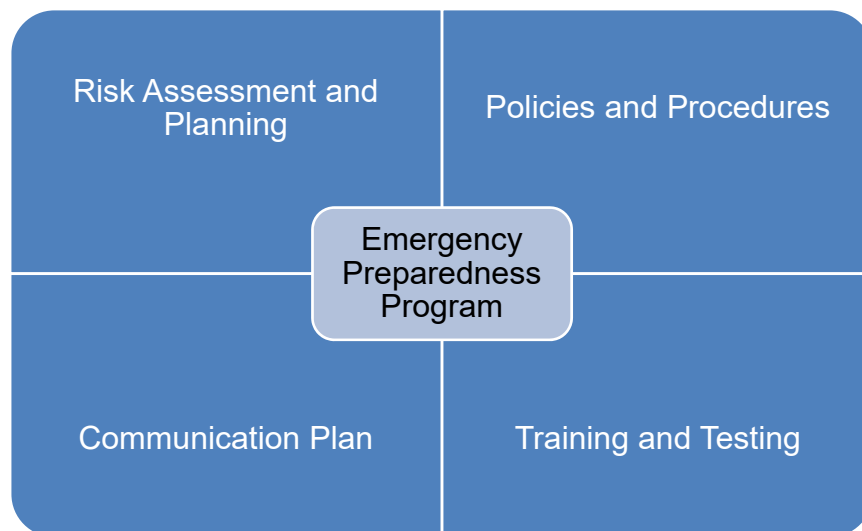
*Centers for Medicare &
Medicaid Services*

Final Rule

- *Medicare and Medicaid Programs; Emergency Preparedness Requirements for Medicare and Medicaid Participating Providers and Suppliers*
- Published September 16, 2016
- Applies to all 17 provider and supplier types
- Implementation date November 15, 2017
- Compliance required for participation in Medicare
- Emergency Preparedness is one new CoP/CfC of many already required

9

Four Provisions for All Provider Types



NFPA 99
National Health Care Facilities Code

4.1* Building System Categories.

- Building systems in health care facilities shall be designed to meet system **Category 1** through **Category 4** requirements as detailed in this code.



NFPA 99
National Health Care Facilities Code

4.1.1* Category 1.

- Facility systems in which **failure of such equipment or system is likely to cause major injury or death of patients or caregivers** shall be designed to meet system **Category 1** requirements as defined in this code.



NFPA 99
National Health Care Facilities Code

4.1.2* Category 2.

- Facility systems in which failure of such equipment is likely to **cause minor injury to patients or caregivers** shall be designed to meet system Category 2 requirements as defined in this code.



NFPA 99
National Health Care Facilities Code

4.1.3 Category 3.

- Facility systems in which failure of such equipment is not likely to cause injury to patients or caregivers, but can **cause patient discomfort**, shall be designed to meet system Category 3 requirements as defined in this code.



NFPA 99
National Health Care Facilities Code

4.1.4 Category 4.

- Facility systems in which failure of such equipment would **have no impact on patient care** shall be designed to meet system Category 4 requirements as defined in this code.



NFPA 99
National Health Care Facilities Code

4.2* Risk Assessment.

- Categories shall be determined by following and documenting a defined risk assessment procedure. The risk assessment must be conducted by **qualified personnel**.



NFPA 99 National Health Care Facilities Code

The risk assessment must be conducted by qualified personnel. **Who is qualified?**

NFPA 99 permits different parts of a facility to have different risk levels.



ASHE Risk Assessment Tool

Category Legend			Chapter 5	Chapter 6	Chapter 7	Chapter 8	Chapter 9	Chapter 10
Room Name	Room #	Space	Oxygen Medical Air Vacuum MAGD	Electrical Systems	Data Phone Nurse Call Cable TV	Potable Water Non-Potable Water Water Heating Water Conditioning Non-Medical Compressed Air	Black Waste Water Gray Waste Water Clear Waste Water	Heating Ventilation Air-Conditioning



Emergency Preparedness

CMS S&C 17-05-ALL 10/28/2016

Emergency Preparedness Requirements for Medicare and Medicaid Participating Providers and Suppliers

Final rule effective November 15, 2016 and compliance by November 15, 2017.

CMS S&C 17-29-ALL 06/02/2017

Advanced Copy of Appendix Z to SOM

New E-tags for Emergency Preparedness

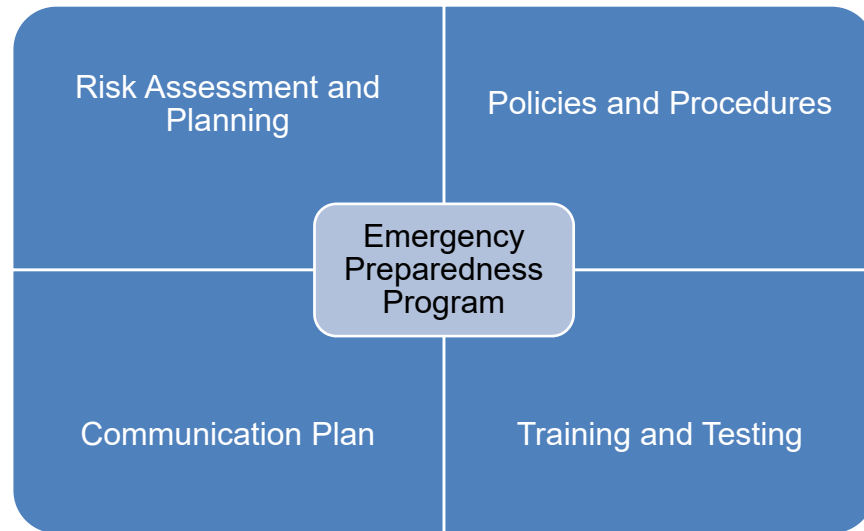


Tags for Emergency Preparedness will be E Tags

The tags for emergency preparedness will be "E" Tags and accessible to both health and safety surveyors and LSC Surveyors. State survey agencies will have discretion regarding whether the LSC or health and safety surveyors will conduct the emergency preparedness surveys.



Four Provisions for All Provider Types



Emergency Preparedness Tag E 15

Concerns policies and procedures around the use of generators and other alternate power sources, and, since it does not prescribe what policies and procedures must state, could be reviewed by anyone to determine if the required elements are addressed in the policies and procedures.

Emergency Preparedness Tag E-0015

Policies and procedures.

Facilities must develop and implement emergency preparedness policies and procedures, based on the emergency plan set forth by their risk assessment and their communication plan.



Emergency Preparedness Tag E-0041

This tag directly relates to requirements from NFPA 99 for new facilities and to rules in 40 TAC §19.326 for all nursing facilities.

Review the facility's emergency plan for the portion of that plan that establishes the facility's requirements for emergency and standby power systems.



Emergency Preparedness Tag E-0041

It does not prescribe what those requirements must be, only that the provided emergency or standby power system meets the needs identified in the plan.



Emergency Preparedness Tag E-0041

The tag in its entirety applies to a new facility, but only the generator inspection and testing, and the generator fuel requirements apply to existing facilities.



Emergency Preparedness Tag E-0041

- §483.73(e), §485.625(e)
- (e) **Emergency and standby power systems.**
The Long Term Care Facility must implement emergency and standby power systems based on their emergency plan.



Emergency Preparedness Tag E-0041

482.15(e)(2), §483.73(e)(2), §485.625(e)(2)

Emergency generator inspection and testing.

The LTC must implement the emergency power system inspection, testing, and maintenance requirements found in the Health Care Facilities Code, NFPA 110, and Life Safety Code.



Emergency Preparedness Tag E-0041

482.15(e)(3), §483.73(e)(3), §485.625(e)(3)

Emergency generator fuel.

LTC facilities that maintain an onsite fuel source to power emergency generators must have a plan for how it will keep emergency power systems operational during the emergency, unless it evacuates.



~~K 48 Nursing Facilities Emergency~~

LSC 18/19.7.1.1

- Written plan on site
- All staff periodically instructed



LSC 18/19.7.1.2

- Fire drills

LSC 18/19.7.2

- Procedures in case of fire

See §19.326(u)



K711 Evacuation and Relocation Plan

There is a written plan for the protection of all patients and for their evacuation in the event of an emergency.

Employees are periodically instructed and kept informed with their duties under the plan, and a copy of the plan is readily available with telephone operator or with security.



K711 Evacuation and Relocation Plan

The plan addresses the basic response required of staff per 18/19.7.2.1.2 and provides for all of the fire safety plan components per 18/19.7.2.2.

18.7.1.1 through 18.7.1.3, 18.7.2.1.2, 18.7.2.2, 18.7.2.3, 19.7.1.1 through 19.7.1.3, 19.7.2.1.2, 19.7.2.2, 19.7.2.3



Nursing Facilities Emergency

- NFR/LMC §19.326(a) deleted and moved to §19.1914 for
Emergency Preparedness Rules
- Places requirements in administration or program section and out of construction or maintenance areas



~~NFR/LMC §19.326(a)~~

- ~~(a) The facility must have a written emergency preparedness and response plan. Procedures to be followed in an internal or external disaster should be attached to the plan. The plan must address, at a minimum, the eight core functions of emergency management, which are:~~



~~NFR/LMC §19.326(a)~~

~~Plan Requirements Regarding Eight Core Functions of Emergency Management~~

- ~~(1) Direction and Control~~
- ~~(2) Warning~~
- ~~(3) Communication~~
- ~~(4) Sheltering Arrangements~~



~~NFR/LMC §19.326(a)~~

- ~~(5) Evacuation~~
- ~~(6) Transportation~~
- ~~(7) Health and Medical Needs~~
- ~~(8) Resource Management~~



NFR/LMC §19.1914(a)

(a) Definitions. In this section:

- (1) "emergency situation" means an impending or actual situation that:
 - (A) interferes with normal activities of a facility and its residents



NFR/LMC §19.1914(a)

(B) may:

- (i) cause injury or death to a resident or staff member of the facility; or
- (ii) cause damage to facility property



NFR/LMC §19.1914(a)

(C) requires the facility to respond immediately to mitigate or avoid the injury, death, damage or interference; and



NFR/LMC §19.1914(a)

(D) does not include a situation that arises from a medical condition of a resident, such as cardiac arrest, obstructed airway, or cerebrovascular accident.



NFR/LMC §19.1914(a)

(a) Definitions. In this section:

(2) "plan" refers to a facility's emergency preparedness and response plan



NFR/LMC §19.1914(a)

(a) Definitions. In this section:

(3) "receiving facility" means an entity that has agreed to receive the residents of another facility who are evacuated due to an emergency situation



NFR/LMC §19.1914(b)

(b) Administration. A facility must:

(1) develop and implement a written plan as described in subsection (c) of this section;



Risk Assessment and Planning

- Develop an emergency plan based on a risk assessment.
- Perform risk assessment using an “all-hazards” approach, focusing on capacities and capabilities.
- Update emergency plan at least annually.

NFR/LMC §19.1914(b)

(b) Administration. A facility must:

- (2) maintain a current printed copy of the plan in a central location that is accessible to all staff at all times and at a work station of each personnel supervisor who has responsibilities under the plan;



NFR/LMC §19.1914(b)

(b) Administration. A facility must:

- (3) evaluate the plan to determine if information in the plan needs to change:

(A) within 30 days after an emergency situation:



NFR/LMC §19.1914(b)

(b) Administration. A facility must:

Re evaluate the plan:



(B) due to remodeling or making an addition to the facility; and

(C) at least annually



NFR/LMC §19.1914(c)

(c) Emergency Preparedness Response Plan. A facility's plan must:

(1) include a risk assessment of all potential internal and external emergency situations, relevant to the facility's operations and geographical area,



NFR/LMC §19.1914(c)

such as a fire,



failure of heating or cooling systems, a power outage, a bomb threat, an explosion...



NFR/LMC §19.1914(c)

.... a hurricane,



a tornado,

Before/After
Greensburg KS,
on May 4, 2007



NFR/LMC §19.1914(c)

extreme snow and ice conditions for an area



NFR/LMC §19.1914(c)

Wildfire December 27, 2007



NFR/LMC §19.1914(c)

terrorism,



NFR/LMC §19.1914(c)

a hazardous materials accident,



NFR/LMC §19.1914(c)

or a thunderstorm with a risk for harm to persons or property



NFR/LMC §19.1914(c)

(c) Emergency Preparedness Response Plan. A facility's plan must:

(2) include a description of the facility's resident population;



NFR/LMC §19.1914(c)

(3) include a section for each core function of emergency management, as described in subsection (d) of this section, that is based on a facility's decision to either shelter-in-place or evacuate during an emergency.



NFR/LMC §19.1914(c)

(4) include a section for a fire safety plan that complies with section 19.326(u) Safety Operations of this chapter;

Fire drills are still in safety operations' section §19.326(u)(2)



NFR/LMC §19.1914(c)

§19.326 (u)(2) includes procedures for:

- (A) conducting a fire drill on each work shift at least once per quarter with at least one fire drill conducted each month; and
- (B) completing the form titled, "DADS Fire Drill Report" for each fire drill conducted.



K712 Fire Drills

Fire drills include the transmission of a fire alarm signal and simulation of emergency fire conditions. Fire drills are held at unexpected times under varying conditions, at least quarterly on each shift. The staff is familiar with procedures and is aware that drills are part of established routine.



K712 Fire Drills

Responsibility for planning and conducting drills is assigned only to competent persons who are qualified to exercise leadership. Where drills are conducted between 9:00 PM and 6:00 AM, a coded announcement may be used instead of audible alarms.

18.7.1.4 through 18.7.1.7, 19.7.1.4 through 19.7.1.7



NFR/LMC §19.1914(d)

(d) Plan Requirements Regarding Eight Core Functions of Emergency Management

- (1) Direction and Control
- (2) Warning
- (3) Communication
- (4) Sheltering Arrangements



NFR/LMC §19.1914(d)

(d) Plan Requirements Regarding Eight Core Functions of Emergency Management

- (5) Evacuation
- (6) Transportation
- (7) Health and Medical Needs
- (8) Resource Management



NFR/LMC §19.1914(d)

- (1) **Direction and Control.** A facility's plan must contain a section that:
- (A) Designates by name or title the emergency preparedness coordinator, their phone number, who is the facility staff person with authority to manage facility's response... in accordance with the plan;



NFR/LMC §19.1914(d)

- (1) **Direction and Control**
- (B) Designates by name or title the alternate emergency preparedness coordinator, their phone number, who is the facility staff person with authority to manage facility's response... in accordance with the plan;



NFR/LMC §19.1914(d)

(1) Direction and Control

- (C) Documents the name and contact information for the local emergency management coordinator for the area, as identified by mayor or county judge



NFR/LMC §19.1914(d)

(1) Direction and Control

- (D) Includes procedures for notifying the local emergency management coordinator of the execution of the plan



NFR/LMC §19.1914(d)

(1) Direction and Control

(E) Includes a plan for coordinating staffing response to an emergency situation



NFR/LMC §19.1914(d)

(1) Direction and Control

(F) Includes a plan for guiding residents to a safe location based on the emergency situation occurring and the decision to shelter-in-place or evacuate



NFR/LMC §19.1914(d)

- (2) **Warning.** A facility's plan must contain a section that;
- (A) Describes how the emergency preparedness coordinator will be notified of an emergency situation;



NFR/LMC §19.1914(d)

- (2) **Warning**
- (B) Identifies who the emergency preparedness coordinator will notify of an emergency situation when notification will occur, including off hours, weekends, and holidays; and



NFR/LMC §19.1914(d)

(2) *Warning*

(C) Ensures monitoring of local news and radio reports



Four Provisions for All Provider Types



NFR/LMC §19.1914(d)

- (3) **Communication.** A facility's plan must contain a section that;
- (A) Identifies the primary mode of communication to be used during and emergency situation and an alternate mode of communication



NFR/LMC §19.1914(d)

- (3) **Communication.** A facility's plan must contain a section that;
- (B) Requires posting of the emergency contact numbers of the local fire department, ambulance, and police on or near each telephone (where 911 system is unavailable)



NFR/LMC §19.1914(d)

(3) **Communication.** A facility's plan must contain a section that;

- (C) Includes procedures for maintaining a current list of telephone numbers for residents' responsible parties;



NFR/LMC §19.1914(d)

(3) **Communication.** A facility's plan must contain a section that;

- (D) Includes procedure for maintaining a current list of telephone numbers for pre-arranged receiving facilities;



NFR/LMC §19.1914(d)

- (3) **Communication.** A facility's plan must contain a section that;
- (E) Includes procedure for maintaining a current list of telephone numbers for the facility's staff



NFR/LMC §19.1914(d)

- (3) **Communication.** A facility's plan must contain a section that;
- (F) Identifies the locations of the lists described in subparagraph (C) through (E) of this paragraph and in subsection (d)(1)(A) and (B) of this section;



NFR/LMC §19.1914(d)

- (3) **Communication.** A facility's plan must contain a section that;
- (G) Includes procedures to notify:
- (i) facility staff
 - (ii) receiving facility
 - (iii) residents and responsible parties



NFR/LMC §19.1914(d)

- (3) **Communication.** A facility's plan must contain a section that;
- (H) Provides a method for a person to obtain resident information during an emergency situation; and



NFR/LMC §19.1914(d)

- (3) **Communication.** A facility's plan must contain a section that;
- (I) Includes procedures for the facility to maintain communication with:
- (i) facility staff
 - (ii) receiving facility
 - (iii) driver(s)



NFR/LMC §19.1914(d)

- (d) Plan Requirements Regarding Eight Core Functions of Emergency Management
- (4) **Sheltering Arrangements.** A facility's plan must;
- (A) Include procedures to shelter-in-place that include:



NFR/LMC §19.1914(d)

- (4) *Sheltering Arrangements*. A facility's plan must;
- (A) Include procedures to shelter-in-place that include:
- (i) access to medications, records, food, water, equipment, and supplies; and
 - (ii) sheltering staff and family members



NFR/LMC §19.1914(d)

- (4) *Sheltering Arrangements*. A facility's plan must;
- (B) Include procedures to notify DADS Regulatory Services regional office about the decision to shelter-in-place;
- (i) before, during, or after a hurricane or flood;
 - (ii) any other emergency



NFR/LMC §19.1914(d)

- (5) **Evacuation.** A facility's plan must contain a section that;
- (A) Identifies evacuation destinations and routes and includes maps identifying destinations and routes;



NFR/LMC §19.1914(d)

- (5) **Evacuation.** A facility's plan must contain a section that;
- (B) Includes procedures for implementing a decision to evacuate residents to a receiving facility in an emergency situation;



NFR/LMC §19.1914(d)

- (5) **Evacuation.** A facility's plan must contain a section that;
- (C) Includes a copy of a current agreement with a receiving facility, outlining arrangements for receiving residents



NFR/LMC §19.1914(d)

- (5) **Evacuation.** A facility's plan must contain a section that;
- (D) Includes procedures for:
- (i) staff to accompany residents
 - (ii) ensuring residents/staff have been evacuated
 - (iii) accounting for residents/staff after evacuation



Pillows indicate those rooms have been evacuated



NFR/LMC §19.1914(d)

- (5) **Evacuation.** A facility's plan must contain a section that;
- (D) Includes procedures for:
- (iv) accounting for residents absent from facility at the time of evacuation
 - (v) releasing resident information for continuance of care



NFR/LMC §19.1914(d)

(5) **Evacuation.** A facility's plan must contain a section that;

(D) Includes procedures for:

(vi) contacting local emergency management coordinator about whether it's safe to return

(vii) determining if it's safe to return and occupy building



NFR/LMC §19.1914(d)

(5) **Evacuation.** A facility's plan must contain a section that;

(E) Includes procedures for notifying local emergency management coordinator regarding evacuation;



NFR/LMC §19.1914(d)

- (5) **Evacuation.** A facility's plan must contain a section that;
- (F) Includes procedures for notifying DADS Regulatory Services regional office by telephone immediately after decision is made to evacuate; and



NFR/LMC §19.1914(d)

- (5) **Evacuation.** A facility's plan must contain a section that;
- (G) Includes procedures for notifying DADS Regulatory Services regional office by telephone when residents have returned.



NFR/LMC §19.1914(d)

(d) Plan Requirements Regarding Eight Core Functions of Emergency Management

(6) **Transportation.** A facility's plan must contain a section that;

(A) Arranges for a sufficient number of vehicles to safely evacuate all residents;



NFR/LMC §19.1914(d)



(6) **Transportation.** A facility's plan must contain a section that;

(B) Identifies staff designated to drive



NFR/LMC §19.1914(d)



- (6) **Transportation.** A facility's plan must contain a section that;
- (C) Includes procedures to safely transport residents and staff;



NFR/LMC §19.1914(d)



- (6) **Transportation.** A facility's plan must contain a section that;
- (D) Includes safely transporting and timely access to oxygen, medications, records, food, water, equipment and supplies



NFR/LMC §19.1914(d)

(d) Plan Requirements Regarding Eight Core Functions of Emergency Management

(7) Health and Medical Needs. A facility's plan must contain a section that;

(A-B) Identifies types of services used by residents and ensures residents' needs are met.



NFR/LMC §19.1914(d)

(d) Plan Requirements Regarding Eight Core Functions of Emergency Management

(8) Resource Management. A facility's plan must contain a section that;



NFR/LMC §19.1914(d)

- (8) **Resource Management.** A facility's plan must contain a section that;
- (A) Includes a plan for identifying medications, records, food, water, equipment and supplies needed during an emergency situation;



NFR/LMC §19.1914(d)

- (8) **Resource Management.** A facility's plan must contain a section that;
- (B) Identifies facility staff assigned to locate those items and ensure their transportation during an emergency situation;



NFR/LMC §19.1914(d)

- (8) **Resource Management.** A facility's plan must contain a section that;
- (C) Includes procedures to ensure medications are secure and maintained at proper temperature during emergency situations.



NFR/LMC §19.1914(e)

- (e) **Training.** A facility must:
- (1) Train a facility staff member on the staff member's responsibilities under the plan within 30 days after assuming job duties.



NFR/LMC §19.1914(e)

(e) Training. A facility must:

- (2) Train a facility staff member on the staff member's responsibilities under the plan at least annually and when the staff member's responsibilities under the plan change; and

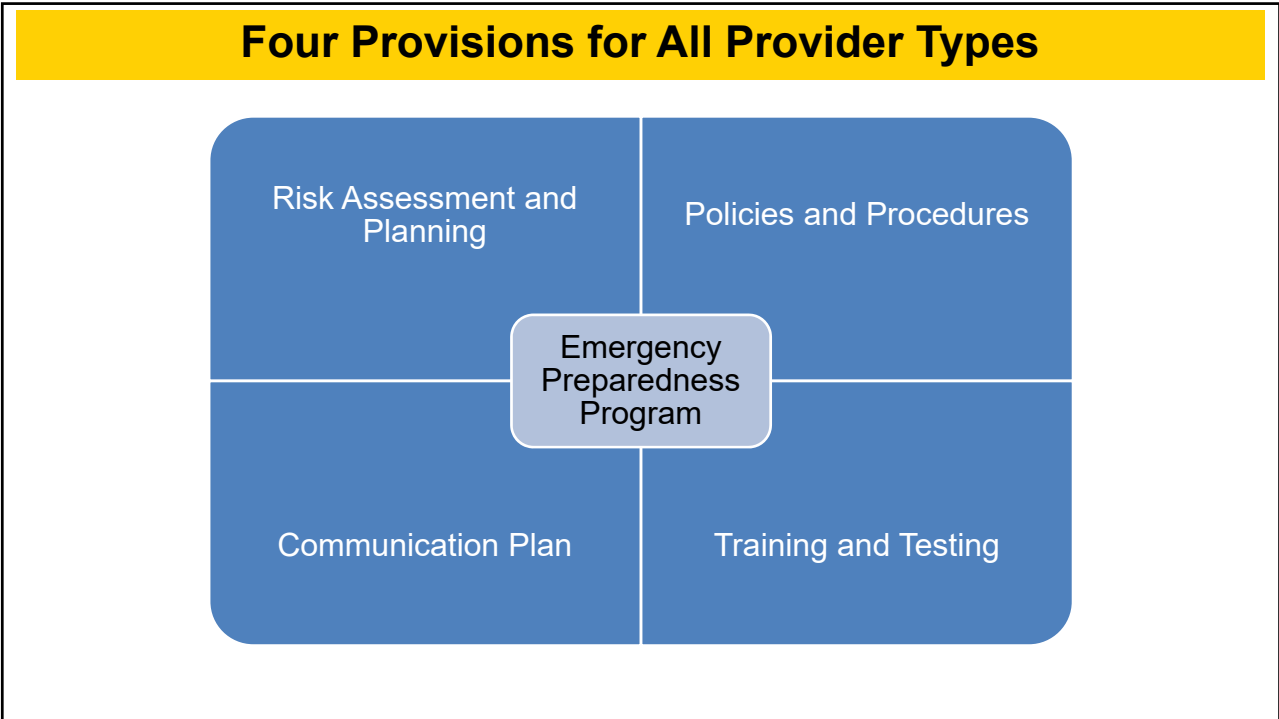


NFR/LMC §19.1914(e)

(e) Training. A facility must:

- (3) Conduct one unannounced drill with facility staff for severe weather or other emergency situations identified by the risk assessment in (c)(1).





Thank you, any questions?

TEXAS
Department of Aging
and Disability Services