

NFPA 731 Committee Proposals

General

The committee agreed to submit suggested changes to NFPA as step one and that step two would be to evaluate the revised document to see if NESA should endorse all, part or none of the document.

Section 1.3.5.1

Summary: Excludes one and two family dwellings

Recommendation: the committee agreed that one and two family dwellings should be excluded.

Action Required: None- Existing standard excludes one and two family dwellings

Section 4.2.4.1.1

Summary: Mandates that all systems have a dedicated breaker for that system.

Recommendation: The committee agreed that new construction systems shall meet this requirement but that existing systems should meet it

Action Required:

4.2.4.1.1 One of the following ~~dedicated~~ branch circuits shall supply primary power:

- (1) Commercial light and power
- (2) An engine-driven generator or equivalent in accordance with 4.2.9, where a person specifically trained in its operation is on duty at all times
- (3) An engine-driven generator or equivalent arranged for cogeneration with commercial light and power in accordance with 4.2.9, where a person specifically trained in its operation is on duty at all times

4.2.4.1.2 The primary supply shall have a high degree of reliability and adequate capacity for the intended service.

4.2.4.1.3 The primary supply shall be on a dedicated circuit in new construction and should be on a dedicated circuit in existing construction.

Section 4.2.6.1

Summary: Mandates that all systems will have 24 hr. backup in non-alarm and 15 min. in alarm after the non-alarm state.

Recommendation: The committee agreed that the requirement should be changed to 5 minutes in alarm after the non alarm state to conform to standard practice of limiting sounders to 5 minutes or less.

Action Required: Submit Proposal on NFPA Technical Committee Documents
(See NFPA Proposal Form NFPA 731 - Section 4.2.6.1)

Section 4.2.8.4.2

Summary: Mandates that the control panel power supply can fully recharge the batteries within 24 hours.

Recommendation: The committee agreed that the time should be changed to 48 hours to be consistent with fire requirements,

Action Required: Submit Proposal on NFPA Technical Committee Documents
(See NFPA Proposal Form NFPA 731 - Section 4.2.8.4.2)

Section 4.7.1.1.1

Summary: Requires the AHJ to be notified prior to installation.

Recommendation: The committee agreed that the words if required should be added, because all AHJs may not want to be notified.

Action Required: Submit Proposal on NFPA Technical Committee Documents
(See NFPA Proposal Form NFPA 731 - Section 4.7.1.1.1)

Section 5.1.1.3

Summary: Mandates that all system wiring shall be able to detect a single open, a single ground fault, or a wire to wire short.

Recommendation: The committee agreed that the requirement for detection of a single ground fault should be removed.

Action Required: Submit Proposal on NFPA Technical Committee Documents
(See NFPA Proposal Form NFPA 731 – Section 5.1.1.3)

Sections 5.3.3.1 - 5.3.4 & 5.3.5

Summary: Video Motion Detection shall annunciate at the protected premise and display the captured image.

Recommendation: The committee agreed that requiring the Video Motion Detector to annunciate at the protected premise and display the captured image was too limiting. The committee recommends that Video Motion Detectors meet the same requirements as other motion detectors.

Action Required: Submit Proposal On NFPA Technical Committee Documents
(See NFPA Proposal Form NFPA 731 – Section 5.3.3.1)
(See NFPA Proposal Form NFPA 731 – Section 5.3.4)
(See NFPA Proposal Form NFPA 731 – Section 5.3.5)

Section 7.1

Summary: Video Surveillance Systems requirements apply to covert and remote monitoring systems.

Recommendation: The committee agreed that remote monitoring systems should be exempt from the requirements and that a requirement would not apply if it would eliminate the covert nature of the application

Action Required: Submit Proposal on NFPA Technical Committee Documents
(See NFPA Proposal Form NFPA 731 – Section 7.1)

Section 7.7.2.2

Summary: Coaxial connector requirements specify only three piece crimp BNC connectors.

Recommendation: The committee agreed that the requirements are too specific and limiting and that any connector installed according to manufacturer's specs should be accepted.

Action Required: Submit Proposal On NFPA Technical Committee Documents
(See NFPA Proposal Form NFPA 731 – Section 7.7.2.2)

Chapter 9

Summary: Inspecting, Testing, and Maintenance requirements

Recommendation: The committee agreed with the existing language

Action Required:None