



**NFPA 72-2016**

**Supervision Requirements:** (Two-way communications)

**24.10.4:** All pathways between remote area of refuge stations and the central control point shall be monitored for integrity.

**24.13.4:** Power Supplies - All control units shall meet the power supply requirements of section 10.6s.

**10.6.9:** Monitoring Integrity of Power Supplies.

**10.6.9.1:** Unless otherwise permitted or required by 10.6.9.1.3 and 10.6.9.1.6 all primary and secondary power supplies shall be monitored for the presence of voltage at the point of connection to the system.

**10.6.9.1.1:** Failure of either the primary or secondary power supply shall result in a trouble signal in accordance with section 10.14.

**10.6.7.2.1:** The secondary power supply (battery backup) shall have sufficient capacity to operate the system under quiescent load (system operating in a non-alarm condition) for a minimum of 24 hours and, at the end of that period, shall be capable of operating all alarm notification appliances used for evacuation or to direct aid to the location of an emergency for 5 minutes. Requires a two-way communication system for all Area(s) of Refuge in New Construction, Significant Remodels or Change of Building Use, regardless if they have a sprinkler system or not.

**Testing Requirements:**

Table 14.3.1 #25:

"Periodic testing frequency" – Annual

Table 14.3.1 Continued

Component	Initial Acceptance	Periodic Frequency	Method	Reference
24. Reserved				
25. Area of refuge two-way communication system	X	Annual	Verify location and condition.	
26. Reserved				
27. Supervising station alarm systems — receivers				
(a) Signal receipt	X	Daily	Verify receipt of signal.	
(b) Receivers	X	Annual	Verify location and normal condition.	
28. Public emergency alarm reporting system transmission equipment			Verify location and condition.	
(a) Publicly accessible alarm box	X	Semiannual		
(b) Auxiliary box	X	Annual		
(c) Master box				
(1) Manual operation	X	Semiannual		
(2) Auxiliary operation	X	Annual		
29. Reserved				