

FIRE ALARM

life safety

NFPA72

82630-1 IJUFX Protective Signaling Services –Central Station

U.L. Fire

Life safety is the basis for fire monitoring, therefore SiteSecure monitoring dedicates receivers for this purpose only. U.L. requires two phone lines per receiver card and limits the number of accounts on these lines. SiteSecure monitoring also strictly follows National Fire Protection Association (NFPA) 72 codes with one service rep focused on these requirements and associated notifications. We continue this focus in the monitoring center by segregating U.L. accounts into a separate location. Only Level II operators, who have had specialized training, respond to U.L. fire signals.

U.L. 827 –Fire Dispatch Notification

U.L. 827 Standards for Safety for Central-Station Alarm Services

These requirements apply to: Central Stations providing watchman, fire-alarm, and supervisory services as described in the National Fire Alarm Code, NFPA 72.

Excerpts from NFPA72 (2002 Edition) National Fire Alarm Code

8.4 Remote Supervising Station Fire Alarm Systems.

8.4.1 Application and General.

8.4.1.2 The installation, maintenance, testing, and use of a remote supervising station fire alarm system that serves properties under various ownership from a remote supervising station shall comply with the requirements of Section 8.4.

8.4.1.3 Remote supervising station physical facilities, equipment, operating personnel, response, retransmission, signals, reports, and testing shall comply with the minimum requirements of Section 8.4.

8.4.1.4 Remote supervising station fire alarm systems shall provide an automatic audible and visible indication of alarm and, if required, of supervisory and trouble conditions at a location remote from the protected premises. A manual or automatic permanent record of these conditions shall be provided.

8.4.1.5 Section 8.4 shall not require the use of audible or visible notification appliances other than those required at the remote supervising station. If it is desired to provide fire alarm evacuation signals in the protected premises, the alarm signals, circuits, and controls shall comply with the provisions of Chapter 6 and Chapter 7 in addition to the provisions of Section 8.4.

8.4.2* Facilities.

8.4.2.1 Fire alarm systems utilizing remote supervising station connections shall transmit fire alarm and supervisory signals to a facility meeting the requirements of either 8.4.2.1.1 or 8.4.2.1.2.

8.4.2.1.2* Where permitted by the authority having jurisdiction, fire alarm and supervisory signals shall be permitted to be received at an alternate location approved by the authority having jurisdiction.

8.4.2.2 Trouble signals shall be received at a constantly attended location that has personnel on duty who are trained to recognize the type of signal received and to take prescribed action. The location shall be permitted to be other than that at which alarm and supervisory signals are received.

8.4.2.3 If locations other than the public fire service communications center are used for the receipt of signals, access to receiving equipment shall be restricted in accordance with the requirements of the authority having jurisdiction.

8.4.3 Equipment and Personnel.

8.4.3.1 Signal-receiving equipment shall indicate receipt of each signal both audibly and visibly.

8.4.3.1.2 Means for silencing alarm, supervisory, and trouble signals shall be provided and shall be arranged so that subsequent signals shall re-sound.

8.4.3.1.3 A trouble signal shall be received when the system or any portion of the system at the protected premises is placed in a bypass or test mode.

8.4.3.1.4 An audible and visible indication shall be provided upon restoration of the system after receipt of any signal.

8.4.3.1.5 If visible means are provided in the remote supervising station to identify the type of signal received, a common audible notification appliance shall be permitted to be used.

8.4.3.2 Power supplies shall comply with the requirements of Chapter 4.

8.4.3.4 Retransmission of an alarm signal, if required, shall be by one of the following methods, which appear in descending order of preference as follows:

- (1) A dedicated circuit that is independent of any switched telephone network. This circuit shall be permitted to be used for voice or data communications.
- (2) A one-way (outgoing only) telephone at the remote supervising station that utilizes the public switched telephone network. This telephone shall be used primarily for voice transmission of alarms to a telephone at the public fire service communications center that cannot be used for outgoing calls.
- (3) A private radio system using the fire department frequency, where permitted by the fire department.
- (4) Other methods accepted by the authority having jurisdiction.

8.4.3.5 Personnel staffing and duties shall comply with 8.4.3.5.1 and 8.4.3.5.2.

8.4.3.5.1 The remote supervising station shall have not less than two trained and competent persons on duty at the remote supervising station at all times to ensure disposition of signals in accordance with the requirements of 8.4.4.

8.4.3.5.2 Duties pertaining to other than operation of the remote supervising station receiving and transmitting equipment shall be permitted subject to the approval of the authority having jurisdiction.

8.4.4 Operations.

8.4.4.1 If the remote supervising station is at a location other than the public fire service communications center, alarm signals shall be immediately retransmitted to the public fire service communications center.

8.4.4.2 Upon receipt of an alarm, supervisory, or trouble signal by the remote supervising station other than the public fire service communications center, the operator on duty shall be responsible for notifying the owner or the owner's designated representative immediately.

8.4.4.3 All operator controls at the remote supervising station shall be operated at the beginning of each shift or change in personnel, and the status of all alarm, supervisory, and trouble signals shall be noted and recorded.

8.4.5 Record Keeping and Reporting.

8.4.5.1 A permanent record of the time, date, and location of all signals and restorations received and the action taken shall be maintained for at least 1 year and shall be able to be provided to the authority having jurisdiction.

8.4.5.2 Testing and maintenance records shall be retained as required in 10.6.3.

8.4.5.3 Records shall be permitted to be created by manual means.

8.4.6 Testing and Maintenance. Testing and maintenance for remote supervising stations shall be performed in accordance with Chapter 10.