Section 4: Operating Instructions

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 12/23/15

4.1 Panel Control Buttons

4.1.1 Acknowledge/Step

The first press of the *Acknowledge/Step* button silences the piezo sounder, changes flashing indicators/LEDs to steady and also changes the status field on the LCD display from capital letters to small letters. When the piezo is silenced, an *acknowledge* message is sent to the printer and the history file. *Acknowledge* also sends a *silence piezo* command to the optional annunciators connected to the FACP.

When more than one event exists, the first press of the Acknowledge/Step button functions as described in the preceding paragraph. Subsequent pressing of the button *steps* through each off-normal active event, with alarm events having a higher priority than trouble and supervisory events.

4.1.2 Alarm Silence

The *Alarm Silence* button performs the same functions as Acknowledge/Step. In addition, if an alarm exists, it turns off all silenceable NACs (Notification Appliance Circuits) and causes Alarm Silenced indicator to turn on. It also sends an 'alarm silenced' message to the printer, history file and optional annunciators. A subsequent new alarm will resound the system NACs. *Note that the Alarm Silenced indicator is turned off by pressing the Reset button, the Drill button or subsequent activation of the NACs.*

4.1.3 Drill/Hold 2 Sec

When the *Drill* button is held for a minimum of two seconds (time required to prevent accidental activations), the FACP turns on both main panel NAC outputs and all silenceable circuits such as control modules that are programmed as silenceable, and turns off the Alarm Silenced indicator if it was previously on. The *EVAC IN SYSTEM* message is shown on the LCD display. The same message is sent to the printer and history file. The *Alarm Silence* button can be used to turn off all silenceable NAC outputs following activation by the *Drill* button.

4.1.4 Reset

Pressing and releasing the *Reset* button turns off all control module0s and NACs, temporarily turns off resettable power to 4-wire detectors, causes a *RESET IN SYSTEM* message to be displayed on the LCD and sends the same message to the printer and history file. It also performs a lamp test by turning on all indicators/LEDs (except the Ground LED), piezo sounder and LCD display segments after the *Reset* button is released. Any alarm or trouble that exists after a reset will resound the system.

4.2 Status Indicators and LEDs

The five status indicators which are located on the front panel and the three LEDs located on the main circuit board, operate as follows:

AC Power

AC Power indicator illuminates green if AC power is applied to the FACP. A loss of AC power will turn off this indicator.

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Fire Alarm

Fire Alarm indicator flashes red when one or more alarms occur. It illuminates st *Acknowledge/Step* or *Alarm Silence* button is pressed. The *Fire Alarm* indicator tı *Reset* button is pressed. The indicator will remain off if all alarms have been clea

Supervisory

Supervisory indicator flashes yellow when one or more supervisory conditions oc sprinkler valve tamper condition. It illuminates steady when the *Acknowledge/Step* or *Alarm Silence* button is pressed. It turns off when the *Reset* button is pressed and remains off if all supervisory alarms have been cleared.

Trouble

Trouble indicator flashes yellow when one or more trouble conditions occur. It stays on steady when the *Acknowledge/Step* or *Alarm Silence* button is pressed. The indicator turns off when all trouble conditions are cleared. This indicator will also illuminate if the microprocessor watchdog circuit is activated.

Alarm Silenced

Alarm Silenced indicator illuminates yellow after the *Alarm Silence* button is pressed while an alarm condition exists. It turns off when the *Drill* or *Reset* button is pressed.

Primary Line Active

This is a red LED, located on the main circuit board, that indicates the primary phone line is active.

Secondary Line Active

This is a red LED, located on the main circuit board, that indicates the secondary phone line is active

Kiss-off

This is a green LED, located on the main circuit board, that blinks when a Central Station has acknowledged receipt of each transmitted message or when a portion of upload or download data has been accepted from a Service Terminal