RESURGAM CITY OF PORTLAND, MAINE
Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 03/29/16

SEQUENCE OF OPERATION:

Upon the receipt of an alarm condition from the FACP, the appropriate zone of the AES transmitter will be activated. The zones will be indicated on the permit. As a general rule, zone #1 will be waterflow; zone #2 will be city disconnect, waterflow; zone #3 detectors and pulls; zone #4 city disconnect detectors and pulls. Zone #8 AES panel tamper.

The permit may indicate otherwise for special conditions.

All zones will be wired for class "B" end of line resistor, in order to supervise the zone wiring. An alarm shorts the resistor. Zone 8, panel tamper shall be wired with the tamper switch in series with the resistor to give a supervisory signal .

The relays or addressable modules will be wired in such a manner to keep the alarm zone in normal mode when the disconnect switch is activated, thus preventing unnecessary alarms being transmitted to the dispatch center. The disconnect function will activate the disconnect zone, transmitting a disconnect alarm signal to dispatch, as well as placing the FACP in the trouble mode.

If the addressable feature cannot provide this function, and external relays are used to provide the disconnect functions, any toggle switches used to activate the relays shall be inside the FACP or lockable enclosure. Any switches outside the FACP must be key activated.

The above paragraphs are provided as a guideline for the installation of the AES alarm transmitter. Any deviation or special conditions must be presented