

EXHIBIT I

Operational Description

Product Description

The product is a wireless transmitter and an infrared sensor manufactured by Thermometrics. The device is used in a power distribution system to report over temperature alarms associated with bus bar connections. The microprocessor monitors the IR sensor output and controls the transmitter operation. Once an hour, the device wakes up the transmitter and sends a supervisory message or alarm message depending on the IR reading.

The RF circuit consists of a 319.5 MHz oscillator followed by an amplifier. The amplifier is turned on and off to modulate the carrier.

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