

DuPont™ FM-200®

CASE HISTORY

LITTLE FLOWER MANOR, DARBY, PA

Fire protection system: Kidde® FM-200® fire suppression system

System designer/installer: Bell-Fast Fire Protection, Inc., Ridley Park, PA

Protected space

Power room containing high-voltage switching panels and transfer coils. Occasionally inhabited by service personnel.

Why FM-200® fire suppression

After extensive consultation with Pennsylvania Life Safety, PECO and the insurance carrier, Little Flower Manor determined that a water sprinkler system would not provide adequate protection for the power room. Richard Heywood, maintenance supervisor, solicited advice from Bell-Fast Fire Protection, Inc. Based on the concerns of all parties involved, Bell-Fast recommended a Kidde® FM-200® Fire System.

Extinguishing event

A smoke detector in the power room tripped an alarm. The fire started in the 500 KVA transfer coils and spread to a 13,200-volt switch. After holding the alarm for the required time period, the Kidde® FM-200® System flooded the room with FM-200® and extinguished the fire.

System performance

The fire was suppressed within five minutes of the initial alarm. There was no damage to any other area of the facility.

Recovery

Little Flower Manor installed temporary electrical equipment and resumed normal operations within hours of the fire. The Kidde® FM-200® System was reinstalled after restoration was completed in the power room.

“This is the safest way to protect all electrical and electronic equipment with little or no loss in downtime.”

Richard Heywood
Maintenance Supervisor
Little Flower Manor

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