Pre-Action Sprinkler System. FAC: 8999

CATCODE: 880216
OPR: AFCEC/COS
OCR: N/A

1.1. **Description.** This is a dry sprinkler system which includes an automatic detector system which detects the fire and releases water into the sprinkler system normally using a deluge valve. The individual sprinkler heads are all sealed with a fusible plug/element.

1.2. **Requirements Determination.** There are two actions required for water to be released from this type of system: (1) activation of the heat detection system and (2) the individual fusing/opening of a sprinkler head.

1.3. **Scope Determination.** See UFC 3-600-01, *Fire Protection Engineering for Facilities*.

1.4. **Dimensions.** See UFC 3-600-01.

1.5. **Design Considerations.** See UFC 3-600-01.