

INSTRUMENTATION

FIRE DETECTION INSTRUMENTATION

LIMITING CONDITION FOR OPERATION

3.3.3.8 As a minimum, the fire detection instrumentation for each fire detection zone shown in Table 3.3-11 shall be OPERABLE.

APPLICABILITY: Whenever equipment in that fire detection zone is required to be OPERABLE. #

ACTION: With one or more of the fire detection instrument(s) shown in Table 3.3-11 inoperable:

- a. Within 1 hour establish a fire watch patrol to inspect the zone(s) with the inoperable instrument(s) at least once per hour, and
- b. Restore the inoperable instrument(s) to OPERABLE status within 14 days or, in lieu of any other report required by Specification 6.9.1, prepare and submit a Special Report to the Commission pursuant to Specification 6.9.2 within the next 30 days outlining the action taken, the cause of the inoperability and the plans and schedule for restoring the instrument(s) to OPERABLE status.
- c. The provisions of Specifications 3.0.3 and 3.0.4 are not applicable.

SURVEILLANCE REQUIREMENTS

4.3.3.8.1 Each of the above required fire detection instruments shall be demonstrated OPERABLE at least once per six months by performance of a CHANNEL FUNCTIONAL TEST.*

4.3.3.8.2 The NFPA Code 72D Class A supervised circuits supervision associated with the detector alarms of each of the above required fire detection instruments shall be demonstrated OPERABLE at least once per six months.*

4.3.3.8.3 The non-supervised circuits between the local panels in Specification 4.3.3.8.2 and the control room shall be demonstrated OPERABLE at least once per 31 days.

#The fire detection instruments located within the containment are not required to be OPERABLE during the performance of Type A Containment Leakage Rate Tests.

*The fire detection instruments and circuits within the containment are not required to be tested except during COLD SHUTDOWN. In the event of frequent COLD SHUTDOWN, testing need not be more frequent than once per six months.

ARKANSAS - UNIT 2

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4.19 FIRE DETECTION INSTRUMENTATION

Applicability

Applies to surveillance of fire detection instrumentation required operable by Specification 3.5.5.

Objective

To assure that the fire detection instrumentation required operable by Specification 3.5.5 is available and operable when needed.

Specification

- 4.19.1 Each required fire detection instrument* shall be demonstrated operable at least once per six months by performance of a channel functional test.
- 4.19.2 The NFPA Code 72D Class A supervised circuits supervision* associated with the detector alarms of each required fire detection instrument shall be demonstrated operable at least once per six months.
- 4.19.3 The non-supervised circuits between the local panels in Specification 4.19.2 and the control room shall be demonstrated operable at least once per 31 days.

Bases

These required demonstrations will assure operability of the fire detection instrumentation.

*Instruments and circuits within the reactor building need not be tested except during cold shutdown. In the event of frequent cold shutdown, testing intervals need not be more often than once per six months.