

Oconee Nuclear Station  
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- c. Each of the fire detectors listed in Table 16.9-6 with the exception of generator detectors shall be tested for sensitivity at least annually.

BASES:

The OPERABILITY of the NRC committed Fire Detection Instrumentation ensures that adequate warning capability is available for the prompt detection of fire in areas containing safety related and important to safety equipment at Oconee and Keowee facilities. Prompt detection of fires will reduce the potential for damage to safety related and important to safety equipment and is an integral element in the overall facility fire protection program. The regulatory requirement is to have NRC committed Fire Detection Instrumentation operable only when the equipment they are protecting is required operable for plant safety. However, to also protect the equipment for property conservation and minimize equipment loss due to a fire; the Oconee and Keowee NRC committed Fire Detection Instrumentation will be required to be OPERABLE at all times.

In the event that a portion of the Fire Detection Instrumentation is inoperable, the establishment of compensatory actions in the affected areas is required to provide detection capability until the inoperable instrumentation is restored to operability.

This Selected Licensee Commitment is part of the Oconee Fire Protection Program and therefore subject to the provisions of Oconee Facility Operating License Conditions.

REFERENCES:

- 1) Oconee FSAR, Chapter 9.5-1.
- 2) Oconee Fire Protection SER dated August 11, 1978.
- 3) Oconee Fire Protection Review, as revised.
- 4) Oconee Plant Design Basis Specification for Fire Detection, as revised.

STATION MANAGER APPROVAL



DATE

10/6/98

TABLE 16.9-6

## FIRE DETECTION INSTRUMENTATION

OCONEE NUCLEAR STATIONUnits 1, 2, and 3 Reactor Buildings

<u>Equipment</u>	<u>Detectors Provided</u>
Reactor Building Penetrations	8 (each unit)
Reactor Building Cooling Units	6 (each unit)
Reactor Coolant Pumps	8 (each unit)

Units 1, 2, and 3 Auxiliary BuildingsEL. 822' + 0

<u>Room No.</u>	<u>Equipment</u>	<u>Detectors Provided</u>
71-Q	Unit 1 Cable Shaft	2
510	Unit 1 and 2 Control Room	9
75-Q	Unit 2 Cable Shaft	2
552	Unit 3 Control Room	8
90-Q	Unit 3 Cable Shaft	2

EL. 809' + 3"

<u>Room No.</u>	<u>Equipment</u>	<u>Detectors Provided</u>
400	Unit 1 Control Battery Room	5
402	Unit 1 East Penetration Room	12
403	Unit 1 Cable Room and Cable Shaft	19
404	Unit 2 Cable Room and Cable Shaft	18
407	Unit 2 East Penetration Room	20
408	Unit 2 Control Battery Room	5
409	Unit 1 West Penetration Room	5
410	Unit 2 West Penetration Room	5
450	Unit 3 Cable Room	28
452	East Penetration Room	10
455	Ventilation Equipment	2
456	Unit 3 West Penetration Room	5
458	Unit 3 Control Battery Room	2

EL. 796' + 6"

<u>Room No.</u>	<u>Equipment</u>	<u>Detectors Provided</u>
300	Unit 1 Work Area	9
310	Unit 1 Equipment Room and Cable Shaft	13
311	Unit 2 Equipment Room and Cable Shaft	15
313	Janitor's Closet (Unit 1)	1
314	Clean Protective Clothing Storage (Unit 1)	1
322	Protective Clothes Storage (Unit 2)	1
329	Hot Lab	1
330	Cold Lab	1
331	Counting Room (Unit 2)	1
333	Health Physics (Unit 2)	1
334	Office (Unit 2)	1