

Duke Power Company
Oconee Nuclear Station
Selected Licensee Commitments

Revised to include revisions
through April 12, 1999

This page is to provide information only to reflect the latest revision date and is not part
of the Selected Licensee Commitment Manual.

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16.9 AUXILIARY SYSTEMS

16.9.5 Fire Barriers

COMMITMENT All Fire Barriers (including mechanical and electrical penetrations, fire doors, fire dampers, walls, ceilings and floors) boundaries, as shown on the 0-310-K and 0-310-L series drawings shall be operable.

APPLICABILITY: At all times

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. Required Fire Barrier inoperable.	A.1 Determine OPERABILITY status of fire detection instrumentation for the affected area(s).	1 hour
B. Required Fire Barrier inoperable. <u>AND</u> Affected Area(s) has inoperable fire detection instrumentation.	B.1 Establish continuous fire watch on one side of affected penetration fire barrier.	1 hour
C. Required Fire Barrier inoperable. <u>AND</u> Affected Area(s) has OPERABLE fire detection instrumentation.	C.1 Establish hourly fire watch patrols to inspect area.	1 hour

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
<p>SR 16.9.5.1 Visually inspect exposed surfaces of each fire rated barrier.</p>	<p>18 months</p>
<p>SR 16.9.5.2 Visually inspect at least 10% of all fire dampers. If apparent changes in appearance or abnormal degradation is found, a visual inspection of an additional 10% of the dampers shall be made. This inspection process shall continue until a 10% sample with no apparent changes in appearance or abnormal degradation is found. Samples shall be selected such that each fire damper will be inspected every 15 years.</p>	<p>18 months</p>
<p>SR 16.9.5.3 Visually inspect at least 10% of each type of sealed penetration. If apparent changes in appearance or abnormal degradations are found, a visual inspection of an additional 10% of each type of sealed penetration shall be made. This inspection process shall continue until a 10% sample with no apparent changes in appearance or abnormal degradation is found. Samples shall be selected such that each penetration seal will be inspected every 15 years.</p>	<p>18 months</p>

BASES

The functional integrity of the penetration fire barriers ensures that fires will be confined or adequately retarded from spreading to adjacent portions of the facility. This design feature minimizes the possibility of a single fire rapidly involving several areas of the facility prior to detection and extinguishment. The penetration fire barriers are a passive element in the facility fire protection program and are subject to periodic inspections and sampling.

The OPERABILITY of a NRC committed fire barrier ensures that fires will be confined or adequately retarded from spreading to adjacent portions of the facility. The regulatory requirement is to have NRC committed Fire Barriers OPERABLE only when the equipment it is protecting is required OPERABLE for plant safety. However, to also protect the equipment for property conservation and minimize equipment loss due to fire; the Oconee and Keowee NRC committed Fire Barriers will be required to be OPERABLE at all times.

During periods of time when a barrier is not functional, a fire watch patrol will be required to inspect the affected area frequently as a precaution in addition to the fire detection instrumentation in the area. If fire detection instrumentation in the area is not operable, a continuous fire watch is required to be maintained in the vicinity of the affected barrier until the barrier is restored to functional status.

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 UFSAR, 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 Protection, as revised.