



Oconee Nuclear Site  
7800 Rochester Highway  
Seneca, SC 29672

(864) 885-3107 OFFICE  
(864) 885-3564 FAX

December 11, 2000

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555

Subject: Oconee Nuclear Station  
Docket 50-269, -270, -287  
Selected Licensee Commitments Manual (SLC)

Gentlemen:

Pursuant to 10CFR 50.4 and 50.71, please find attached 7 copies of the latest revisions to the Oconee Selected Licensee Commitments Manual (SLC). The SLC Manual is Chapter 16.0 of the Oconee Updated Final Safety Analysis Report (UFSAR). This manual is intended to contain commitments and other station issues that warrant higher control, but are not appropriate for inclusion into the Technical Specifications (TS). Instead of being updated with the annual UFSAR Update, the SLC Manual will be updated as necessary throughout the year.

Very truly yours,

W. R. McCollum, Jr.  
Vice President  
Oconee Nuclear Station

CMB/cmb  
Attachment

xc: Luis A. Reyes  
Regional Administrator, Region II

D. E. LaBarge, ONRR

M. C. Shannon  
Oconee Senior Resident Inspector

ADDI

December 11,2000

To: Manual Holders

Subject: Oconee Selected Licensee Commitments Manual (SLC)  
Revision

On November 30, 2000, Station Management approved revisions to SLC 16.9.1, 16.9.2, 16.9.4 and 16.9.5 which were implemented on November 30, 2000. These SLCs were revised to include Updated Final Safety Analysis report (UFSAR), Chapter 18, specifically, Section 18.3.17.8. UFSAR Chapter 18 contains commitments made during License Renewal. Various parts of the Fire Protection Program are being credited for License Renewal.

Remove these pages

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Any questions concerning these revisions may be directed to Reese Gambrell at ext. 3364.

Regulatory Compliance  
By: Conice Breazeale  
Regulatory Compliance

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## BASES

Portions of SR 16.9.1.2 involving the HPSW pumps and power supplies were relocated from CTS Table 4.1-2, Item 8 during the conversion to the ITS.

The OPERABILITY of the Fire Suppression System ensures that adequate fire suppression capability is available to confine and extinguish fires occurring in any portion of the facility where safety-related equipment is located. The Fire Suppression System consists of the Water Supply System, spray and/or sprinklers, Keowee CO<sub>2</sub> and fire hose stations. The collective capability of the Fire Suppression Systems is adequate to minimize potential damage to safety-related equipment and is a major element in the facility fire protection program. In the event that portions of the Fire Suppression Systems are inoperable, alternate backup fire-fighting equipment is required to be made available in the affected areas until the inoperable equipment is restored to service.

The Testing Requirements provide assurance that the minimum OPERABILITY requirements of the Fire Suppression Systems are met. In the event the Fire Suppression Water Supply System becomes inoperable, immediate corrective measures must be taken since this system provides the major fire suppression capability of the plant. 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, Section 9.5.1 and UFSAR, Chapter 18, Section 18.3.17.8 (Applicable portions of this SLC are credited in the Fire Protection Program for License Renewal).
- 2) Oconee Fire Protection SER dated August 11, 1978.
- 3) Oconee Fire Protection Review, (currently contained in the Fire Protection DBD), as revised.
- 4) Oconee Plant Design Basis Specification for Fire Protection as revised.

## BASES

The OPERABILITY of the NRC committed Fire Suppression System ensures that adequate fire suppression capability is available to confine and extinguish fires occurring at the Oconee or Keowee facilities. The regulatory requirement is to have NRC committed Sprinkler and Spray Systems OPERABLE only when the equipment it is protecting is required OPERABLE for plant safety. However, to protect the equipment for property conservation and minimize equipment loss due to fire; the Oconee and Keowee NRC committed Sprinkler and Spray Systems will be required to be OPERABLE at all times.

The Oconee CT-1, 2, 3, 4, and 5 transformers do not have fire detection devices. They have fire actuation devices that actuate the deluge valve of the fire suppression systems. These actuation devices do not directly annunciate to the Control Rooms. When the deluge valve trips, the flow pressure switch is the sensor that activates the Control Room alarms. With HPSW deactivated for maintenance or testing, there is no form of annunciation of a fire in the Control Room.

During periods of time when the Sprinkler or Spray System is not OPERABLE and detection instrumentation is OPERABLE, a hourly fire watch patrol will be required to inspect the affected area frequently as a precaution. If the Sprinkler or Spray System in the area is not OPERABLE and no detection instrumentation is OPERABLE, a continuous fire watch is required to be maintained in the vicinity of the affected Sprinkler or Spray System until the system is restored to OPERABLE status.

In the event that portions of the Fire Suppression Systems are inoperable, alternate backup fire-fighting equipment is required to be made available in the affected areas until the inoperable equipment is restored to service.

The test requirements provide assurance that the minimum OPERABILITY requirements of the Fire Suppression Systems are met.

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, Section 9.5.1 and UFSAR, Chapter 18, Section 18.3.17.8 (Applicable portions of this SLC are credited in the Fire Protection Program for License Renewal).
2. Oconee Fire Protection SER dated August 11, 1978.
3. Oconee Fire Protection Review, (currently contained in the Fire Protection DBD), as revised.
4. Oconee Plant Design Basis Specification for Fire Protection, as revised.

## BASES

The OPERABILITY of the NRC committed Fire Suppression System ensures that adequate fire suppression capability is available to confine and extinguish fires occurring at the Oconee or Keowee facilities. The regulatory requirement is to have NRC committed Fire Hose Stations OPERABLE only when the equipment it is protecting is required OPERABLE for plant safety. However, to protect the equipment for property conservation and minimize equipment loss due to fire; the Oconee and Keowee NRC committed Fire Hose Stations will be required to be OPERABLE at all times.

In the event that portions of the Fire Suppression Systems are inoperable, alternate backup fire-fighting equipment is required to be made available for the affected areas until the inoperable equipment is restored to service.

The testing requirements provide assurance that the minimum OPERABILITY requirements of the Fire Suppression System are met.

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, Section 9.5.1 and UFSAR, Chapter 18, Section 18.3.17.8 (Applicable portions of this SLC are credited in the Fire Protection Program for License Renewal).
2. Oconee Fire Protection SER dated August 11, 1978.
3. Oconee Fire Protection Review, (currently contained in the Fire Protection DBD), as revised.
4. Oconee Plant Design Basis Specification for Fire Protection, as required.



## 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. Fire detection is not specifically designed at ONS to provide early detection of fire near the committed fire boundaries as denoted on the drawing series O-310K and O-310L. Fire detection instrumentation design locations were typically based on protecting specific equipment and areas important to safety or where major fire hazards were located and not to provide full detection coverage for all areas of the plant. In actuality fire detection instrumentation's ability to quickly respond to the incipient stages of a fire are based on distance from the hazard, type of hazard, obstruction, and air flows in the area. The application of the specific fire detection instrumentation used at ONS provide a adequate response time for a floor distance of approximately 15 feet in radius from the detector location.

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, Section 9.5.1 and UFSAR, Chapter 18, Section 18.3.17.8 (Applicable portions of this SLC are credited in the Fire Protection Program for License Renewal).
2. Oconee Fire Protection SER dated August 11, 1978.
3. Oconee Fire Protection Review, (currently contained in the Fire Protection DBD), as revised.
4. Oconee Plant Design Basis Specification for Fire Protection, as revised.