

April 30, 2001

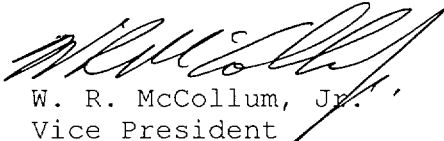
U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

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

A053

April 30, 2001

To: Manual Holders

Subject: Oconee Selected Licensee Commitments Manual (SLC)
Revision

On April 18,2001, Station Management approved a revision to SLC 16.9.2, which was implemented on April 19,2001. The change revises the Sprinkler and Spray Systems to add new surveillance requirements and the bases for them. It also clarifies the distinction between fire sprinkler actuation devices and fire detection instrumentation in Table 16.9.2-1.

Remove these pages

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

Regulatory Compliance
By: Conice Breazeale
Regulatory Compliance

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SURVEILLANCE REQUIREMENTS

SURVEILLANCE		FREQUENCY
SR 16.9.2.1	<p>-----NOTE----- Not required to be performed for systems in the cable spreading room, equipment rooms and cable shafts. -----</p> <p>Functionally test each required Sprinkler or Spray System.</p>	12 months
SR 16.9.2.2	Inspect each required Sprinkler System's spray headers and nozzles.	12 months
SR 16.9.2.3	Verify by visual inspection the Sprinkler System spray coverage to ensure spray pattern completely wets all surface areas, excluding the effects from runoff.	18 months
SR 16.9.2.4	Verify by visual inspection ≤ 4 nozzles are blocked, clogged, or misdirected.	18 months
SR 16.9.2.5	Verify by visual inspection that no two inoperable nozzles are adjacent or on the same exposed face.	18 months

Table 16.9.2-1
Sprinkler and Spray Systems

a. Oconee Nuclear Station

i.	Turbine Driven Emergency FDW Pump	Units 1, 2, and 3
ii.	Transformers ^{1,2}	CT-1, CT-2, CT-3, CT-4, and CT-5
iii.	Cable Room	Units 1, 2, and 3
iv.	Equipment Room	Units 1, 2, and 3
v.	Cable Shaft (3rd Level)	Units 1, 2, and 3
vi.	Cable Shaft (4th & 5th Level)	Units 1, 2, and 3

b. Keowee Hydro Station

- i. Main Lube Oil Storage Room
- ii. Main Transformer

-
1. Transformers CT-1, CT-2, CT-3 and CT-5 do not have fire detection devices. They have Activation devices that actuate the deluge valve of the fire suppression systems only.
 2. Transformer CT-4 Blockhouse does have fire detection instrumentation. Reference SLC 16.9.6.

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, 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. Transformer CT-4 Blockhouse does have fire detection instrumentation.

In fire protection, the design intent is to ensure that all potential fire surface areas are covered by a water spray pattern. Since some overlap is provided among the sprinkler nozzle placement, it is acceptable/possible for a sprinkler head(s) to be clogged and the sprinkler spray system to still effectively put out a fire.

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.