

CATEGORY 1

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March 31, 1997

To: Manual Holders

Subject: Oconee SLC Revision

Please revise your SLC Manual according to instructions. This SLC changes maximum allowable HPI System make-up flow rate to the RCS for Units 1 and 2 during LTOP conditions. The new flow rates for Units 1 and 2 were already reflected in the existing design basis calculations but were not reflected in the existing SLC.

Please update your copy of this manual as follows:

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Insert These Pages:

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Any questions concerning this revision may be directed to Mike Bailey at 864-885-4390.

Regulatory Compliance

By: Conice Breazeale
Regulatory Compliance

Oconee Nuclear Station
Selected Licensee Commitments
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16.5 REACTOR COOLANT SYSTEM

16.5.2 Low Temperature Overpressure Protection (LTOP) System

COMMITMENT

The following controls are required to meet the provisions of Technical Specification 3.1.2.9.2 :

- 1) RCS pressure:
 - < 345 psig when RCS temp \leq 220°F
 - or-
 - < 450 psig when RCS temp > 220°F and \leq 325°F.
- 2) PZR level maintained within the following limits when RCS pressure is > 100 psig:
 - \leq 220" when RCS temp \leq 220°F
 - or-
 - < 260" when RCS temp > 220°F and \leq 325°F
- 3) PZR level maintained within the following limits when RCS pressure is \leq 100 psig:
 - \leq 310" when one or more HPI pumps are running, and when RCS temp \geq 150°F and \leq 220°F.
 - or-
 - \leq 380" when RCS temp \leq 160°F and no HPI pumps are running
- 4) Makeup flow restricted with HP-120 travel stops to:
 - Units 1, 2, & 3 \leq 84.5 gpm
- 5) Three audible PZR level alarm \geq 225", \geq 260", and \geq 315" from the temperature compensated PZR level indication.
- 6) Two audible RCS pressure alarms \geq 345 psig and \geq 450 psig.
- 7) High pressure nitrogen system administratively controlled to prevent inadvertent pressurization of the RCS.

APPLICABILITY: When RCS temperature \leq 325°F in one or more cold legs and an RCS vent path capable of mitigating the most limiting LTOP event is not open.

SURVEILLANCE REQUIREMENTS The identified surveillance requirements are provided to assure that the second train of LTOP is functioning properly and gives the operator ten minutes to mitigate an LTOP event.

REFERENCES

1. Technical Specification 3.1.2
2. Technical Specification 4.2.6 and 4.2.7.
3. 10 CFR 50 Appendix G "Fracture Toughness Requirements."
4. Calc. File OSC-5355 "Revision of Unit 1, 2, and 3 LTOP Operations Restrictions for 21.0, 19.0, and 21.0 EFPY Brittle Fracture Limits, Respectively." Issued June 9, 1993.

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2-17-94