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3/4.8 ELECTRICAL POWER SYSTEMS

3/4.8.1 A.C. SOURCES

A.C. SOURCES - OPERATING

LIMITING CONDITION FOR OPERATION

3.8.1.1 As a minimum, the following A.C. electrical power sources shall be OPERABLE:

- a. Two physically independent circuits between the offsite transmission network and the onsite Class 1E distribution system, and
- b. Three separate and independent diesel generators, each with:
 1. Separate day fuel tanks containing a minimum of 1400 gallons of fuel,
 2. A separate fuel storage system containing a minimum of 55,500 ~~53,000~~ gallons of fuel for diesel generator 1 (DG-1) and 55,500 ~~53,000~~ gallons of fuel for diesel generator 2 (DG-2), and 33,000 gallons of fuel for diesel generator 3 (DG-3).
 3. A separate fuel transfer pump.

APPLICABILITY: OPERATIONAL CONDITIONS 1, 2, and 3.

ACTION:

- a. With either one offsite circuit or DG-1 or DG-2 of the above required A.C. electrical power sources inoperable, demonstrate the OPERABILITY of the remaining A.C. sources by performing Surveillance Requirements 4.8.1.1.1.a. within 1 hour and 4.8.1.1.2.a.4., for one diesel generator at a time, within 4 hours and at least once per 8 hours thereafter; restore at least two offsite circuits and DG-1 and DG-2 to OPERABLE status within 72 hours or be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours.
- b. With one offsite circuit and DG-1 or DG-2 of the above required A.C. electrical power sources inoperable, demonstrate the OPERABILITY of the remaining A.C. sources by performing Surveillance Requirements 4.8.1.1.1a. within 1 hour and 4.8.1.1.2a.4., for one diesel generator at a time, within 4 hours and at least once per 8 hours thereafter; restore at least one of the inoperable A.C. sources to OPERABLE status within 12 hours or be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours. Restore at least two offsite circuits and DG-1 and DG-2 to OPERABLE status within 72 hours from time of initial loss or be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours.

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ELECTRICAL POWER SYSTEMS

A.C. SOURCES - SHUTDOWN

LIMITING CONDITION FOR OPERATION

3.8.1.2 As a minimum, the following A.C. electrical power sources shall be OPERABLE:

- a. One circuit between the offsite transmission network and the onsite Class 1E distribution system, and
- b. Diesel generator 1 or 2 (DG-1 or DG-2), and diesel generator 3 (DG-3) when the HPCS system is required to be OPERABLE, with each diesel generator having:
 1. Day fuel tanks containing a minimum of 1400 gallons of fuel.
 2. A fuel storage system containing a minimum of 53,000 gallons of fuel for DG-1 and DG-2, and 33,000 gallons of fuel for DG-3. 55,500
 3. A fuel transfer pump.

APPLICABILITY: OPERATIONAL CONDITIONS 4, 5, and *.

ACTION:

- a. With less than the offsite circuits and/or DG-1 or DG-2 of the above required A.C. electrical power sources OPERABLE, suspend CORE ALTERATIONS, handling of irradiated fuel in the secondary containment, operations with a potential for draining the reactor vessel and crane operations over the spent fuel storage pool when fuel assemblies are stored therein. In addition, in OPERATIONAL CONDITION 5, with the water level less than 22 feet above the reactor pressure vessel flange, immediately initiate corrective action to restore the required power sources to OPERABLE status as soon as practical.
- b. With DG-3 of the above required A.C. electrical power sources inoperable, restore the inoperable diesel generator 1C to OPERABLE status within 72 hours or declare the HPCS system inoperable and take the ACTION required by Specification 3.5.2 and 3.5.3
- c. The provisions of Specification 3.0.3 are not applicable.

SURVEILLANCE REQUIREMENTS

4.8.1.2 At least the above required A.C. electrical power sources shall be demonstrated OPERABLE per Surveillance Requirements 4.8.1.1.1, 4.8.1.1.2, and 4.8.1.1.3, except for the requirement of 4.8.1.1.2.a.5.

*When handling irradiated fuel in the secondary containment.

Attachment 7.5

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Tech Spec Submittal Check List

<u>Item</u>	<u>Resolved</u>	<u>Comment</u>
1. checked previously submitted requests for same affected pages.		none
2. Establish need for additional formatting guidance to NRC.		proposed change to Bases will require an insert sheet to existing Base.
3. Generic NRC SER reviewed to confirm it covers total scope of the change request.		none
4. Identify need for separate NRC review or activity to support request (if so, clearly call out in letter).		none
5. Review similar submittals on other Dockets for applicability.		none, I believe we have found previously unrecognized concern. All other T/S's have only one value.
6. Review Zyindex for impact of change on FSAR.		
LPCI Trip - no hits. LPCI Minimum Flow - not hits LPCI Minimum Flow Trip - LPCI Min. Flow Valve Trip Minimum Flow Valve trip Minimum Flow Trip		
		} not enough memory decrease search

Ed Gravel 5/23/93

