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REACTOR COOLANT SYSTEM

JET PUMPS

LIMITING CONDITION FOR OPERATION

3.4.1.2 All jet pumps shall be OPERABLE.

APPLICABILITY: OPERATIONAL CONDITIONS 1 and 2.

ACTION:

With one or more jet pumps inoperable, be in at least HOT SHUTDOWN within 12 hours.

with THERMAL POWER greater than 25% of RATED THERMAL POWER

SURVEILLANCE REQUIREMENTS

4.4.1.2.1 Each of the above required jet pumps shall be demonstrated OPERABLE prior to THERMAL POWER exceeding 25% of RATED THERMAL POWER and at least once per 24 hours by determining recirculation loop flow, total core flow and diffuser-to-lower plenum differential pressure for each jet pump and verifying that no two of the following conditions occur when both recirculation loops are operating at the same flow control valve position.

Requested in
G02-91-0*9
TAC No.
79898

- a. The indicated recirculation loop flow differs by more than 10% from the established flow control valve position-loop flow characteristics for two recirculation loop operation.
- b. The indicated total core flow differs by more than 10% from the established total core flow value derived from two recirculation loop flow measurements.
- c. The indicated diffuser-to-lower plenum differential pressure of any individual jet pump differs from established two recirculation loop operation patterns by more than 10%. 20%

4.4.1.2.2 During single recirculation loop operation, each of the above required jet pumps shall be demonstrated OPERABLE at least once per 24 hours by verifying that no two of the following conditions occur:

(if RATED THERMAL POWER)

- a. The indicated recirculation loop flow in the operating loop differs by more than 10% from the established single recirculation flow control valve position-loop flow characteristics.
- b. The indicated total core flow differs by more than 10% from the established total core flow value derived from single recirculation loop flow measurements.
- c. The indicated diffuser-to-lower plenum differential pressure of any individual jet pump differs from established single recirculation loop patterns by more than 10%. 20%

* The provisions of Specification 4.0.4 are not applicable provided that surveillance is performed within 12 hours after exceeding 25% of RATED THERMAL POWER.

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ELECTRICAL POWER SYSTEMS

3/4.8.3 ONSITE POWER DISTRIBUTION SYSTEMS

DISTRIBUTION - OPERATING

LIMITING CONDITION FOR OPERATION

3.8.3.1 The following power distribution system divisions shall be energized with tie breakers open between redundant buses within the unit:

a. A.C. Power Distribution

1. Division 1, consisting of:
 - a) 4160-volt bus SM-7.
 - b) 480-volt bus SL-71 and SL-73.
 - c) 480-volt MCC's 7A, 7A-A, 7B, 7B-A, 7B-B, 7F.
 - d) 480-volt Power Panel PP-7A-B.
 - e) 120/208-volt 3Ø Power Panels PP-7A-G, PP-7A-A-A.
 - f) 120/240-volt 1Ø Power Panels PP-7A-A, PP-7A-F, PP-7A-E, and PP-7A.
2. Division 2, consisting of:
 - a) 4160-volt bus SM-8.
 - b) 480-volt bus SL-81 and SL-83.
 - c) 480-volt MCC's 8A, 8A-A, 8B, 8B-A, 8B-B, 8F.
 - d) 480-volt Power Panel PP-8A-B.
 - e) 120/208-volt 3Ø Power Panels PP-8A-G, PP-8A-A-A.
 - f) 120/240-volt 1Ø Power Panels PP-8A-A, PP-8A-F, PP-8A-E, and PP-8A.
3. Division 3, consisting of:
 - a) 4160-volt bus SM-4.
 - b) 480-volt 3Ø Engine & Gen. Aux. loads Power Panel.
 - c) 120/240-volt 1Ø Power Panel PP-4A.
 - d) 480-volt MCC 4A.

b. D.C. Power Distribution

1. Division 1, consisting of:
 - a) 125-volt D.C. Main Distribution Panel S1-1.
 - b) 125-volt VDC Motor Control Center MC-S1-10.
 - c) 125-VDC Instr. and Control NSSS Bd. Distr. Panel DP-S1-1A.
 - d) 125-VDC Critical Swgs. & Remote Shutdn. Distr. Pnl. DP-S1-1D.
 - e) 125-VDC Diesel Gen. 1 Dist. Pnl. DP-S1-1E.
 - f) 250-VDC Main Distribution Panel S2-1.
 - g) 250-VDC Motor Control Center MC-S2-1A, Part A and Part B.
 - h) ±24-VDC Power Panel DP-S0-A.
2. Division 2, consisting of:
 - a) 125-volt D.C. Main Distribution Panel S1-2.
 - b) 125-volt VDC Motor Control Center MC-S1-2D.
 - c) 125-VDC Instr. and Control NSSS Distr. Panel DP-S1-2A.
 - d) 125-VDC Critical Swgs. & Remote Shutdn. Distr. Pnl. DP-S1-2D.
 - e) 125-VDC Diesel Gen. 2 Dist. Pnl. DP-S1-2E.
 - f) ±24-VDC Power Panel DP-S0-B.
3. Division 3, consisting of 125-volt D.C. HPCS distribution panel.