

3/4.4 REACTOR COOLANT SYSTEM3/4.4.1 RECIRCULATION SYSTEMRECIRCULATION LOOPSLIMITING CONDITION FOR OPERATION

3.4.1.1 Two reactor coolant system recirculation loops shall be in operation.

APPLICABILITY: OPERATIONAL CONDITIONS 1* and 2*.

ACTION:

a. With one reactor coolant system recirculation loop not in operation:

1. Verify that the requirements of LCO 3.2.6 and LCO 3.2.8 are met, or comply with the associated ACTION statements
2. Verify that THERMAL POWER/core flow conditions lay outside Region B of Figure 3.4.1.1-1.

With THERMAL POWER/core flow conditions which lay in Region B of Figure 3.4.1.1-1, as soon as practical, but in all cases within 15 minutes, initiate action to exit Region B by either decreasing THERMAL POWER with control rod insertion or increasing core flow with flow control valve manipulation. Within 1 hour exit Region B. The starting or shifting of a recirculation pump for the purpose of exiting Region B is specifically prohibited.

3. Within 4 hours:

- a) Place the recirculation flow control system in the Local Manual (Position Control) mode, and
- b) Increase the MINIMUM CRITICAL POWER RATIO (MCPR) Safety Limit by 0.01 to 1.07 per Specification 2.1.2, and,
- c) Reduce the Maximum Average Planar Linear Heat Generation Rate (MAPLHGR) for General Electric fuel limit to ~~a value of 0.84 times the~~ ^{SINGLE} recirculation loop operation limit ~~per Specification 3.2.1, and,~~
^{SPECIFIED IN THE CORE OPERATING LIMITS REPORT}
- d) Reduce the volumetric flow rate of the operating recirculation loop to $\leq 41,725^{**}$ gpm.

DELETE

*See Special Test Exception 3.10.4.

**This value represents the actual volumetric recirculation loop flow which produces 100% core flow at 100% THERMAL POWER. This value was determined during the Startup Test Program.

JANUARY

10/05/73 30 HAW

200

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