

3/4.4 REACTOR COOLANT SYSTEM

3/4.4.1 RECIRCULATION SYSTEM

RECIRCULATION LOOPS

LIMITING CONDITION FOR OPERATION

3.4.1.1 Two reactor coolant recirculation loops shall be in operation with each recirculation pump operating and the pump discharge valves OFFRABLE.

APPLICABILITY: CONDITIONS 1* and 2*.

ACTION:

- a. With one recirculation loop not in operation, initiate action within 15 minutes and continue action to reduce reactor power to or below the limit specified in Figure 3.4.1.1-1 within 2 hours and restore both loops to operation within 12 hours or be in at least HCT SHUTDOWN within the next 12 hours.
- b. With no recirculation loops in operation, place the reactor mode switch in the Shutdown position.

SURVEILLANCE REQUIREMENTS

4.4.1.1 Each pump discharge valve shall be demonstrated OPERABLE by cycling each valve through at least one complete cycle of full travel:

- a. Each startup** prior to THERMAL POWER exceeding 25% of RATED THERMAL POWER, and
- b. During each COLD SHUTDOWN which exceeds 48 hours,**

* See Special Test Exception 3.10.4.

**If not performed within the previous 31 days.

HATCH - UNIT 2

3/4 4-1

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CORE THERMAL POWER (% RATED)

10 20 30 40 50 60 70

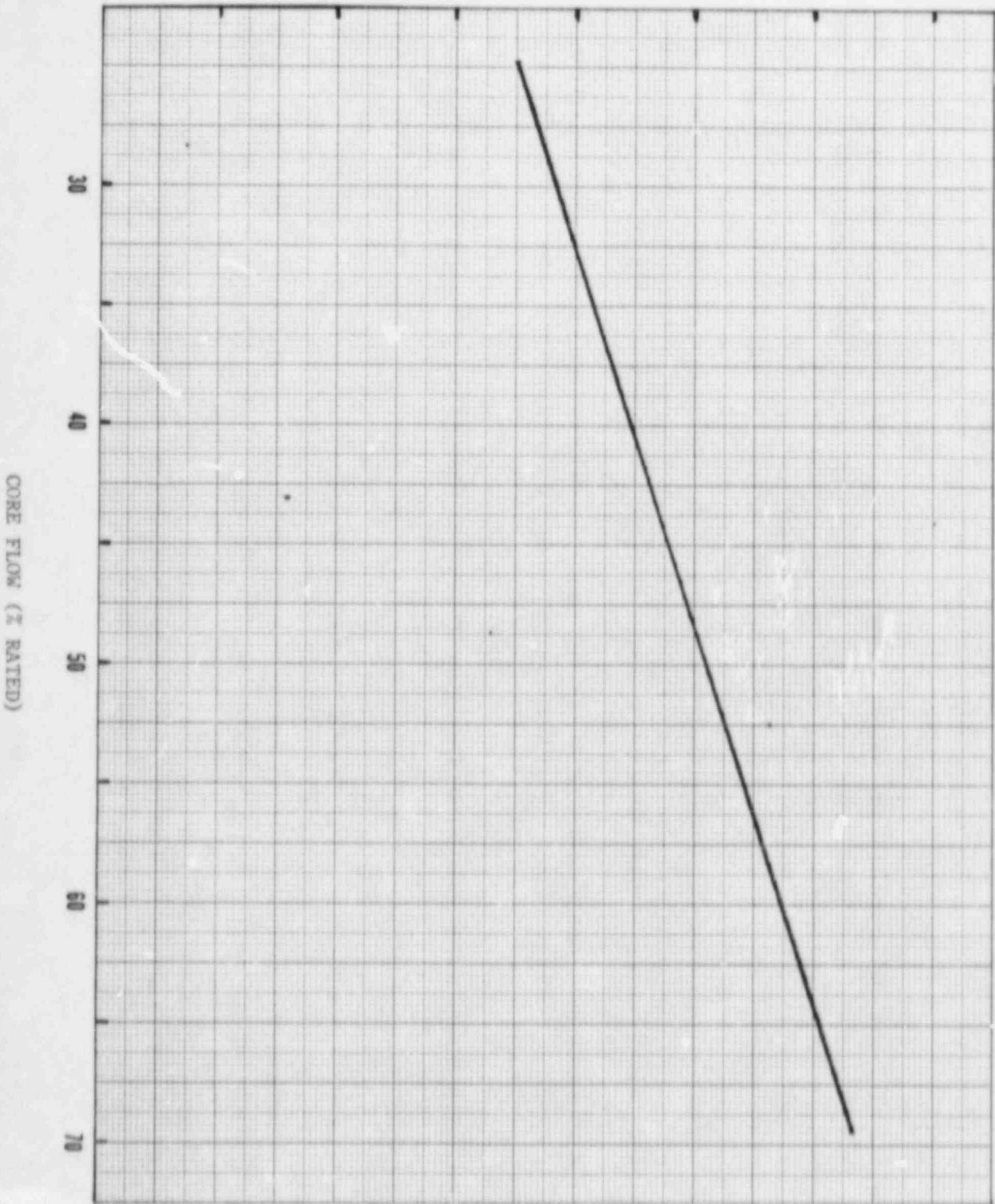


FIGURE 3.4.1.1-1
THERMAL POWER LIMITATIONS DURING OPERATION WITH LESS THAN
TWO REACTOR COOLANT SYSTEM RECIRCULATION LOOPS IN OPERATION

ATTACHMENT 2

NRC DOCKET 50-366
OPERATING LICENSE NPF-5
EDWIN I. HATCH NUCLEAR PLANT UNIT 2
REQUEST FOR TECHNICAL SPECIFICATION AMENDMENT
TO SUPPORT OPERATION IN THE ELLA REGION

Pursuant to 10 CFR 170.22, Georgia Power Company has evaluated the attached proposed amendment to Operating License NPF-5, and has determined that:

- a. The proposed amendment does not require evaluation of a new Safety Analysis Report and rewrite of the facility license;
- b. The proposed amendment does not require evaluation of several complex issues, involve ACRS review, or require an environmental impact statement;
- c. The proposed amendment does not involve a complex issue or more than one environmental or safety issue;
- d. The proposed amendment does involve a single safety issue, namely that plant operations be restricted at or below the limit shown in Technical Specification Figure 3.4.1.1-1 within 2 hours after the loss of operability of either recirculation loop.
- e. The proposed amendment is therefore a Class III amendment.

ATTACHMENT 3

NRC DOCKET 50-366
OPERATING LICENSE NPF-5
EDWIN I. HATCH NUCLEAR PLANT UNIT 2
REQUEST FOR TECHNICAL SPECIFICATION AMENDMENT
TO SUPPORT OPERATION IN THE ELLA REGION

The following is a listing of the specific Technical Specification revision requested by this submittal and the basis for consideration of the change as not involving a significant hazard as described in 10 CFR 50.92:

Replace "...operation may continue;..." with "...initiate action within 15 minutes and continue action to reduce reactor power to or below the limit specified in Figure 3.4.1.1-1 within 2 hours and..." in ACTION 3.4.1.1.a, and add Figure 3.4.1.1-1 as a new page (3/4 4-1a).

BASIS:

This change would restrict plant operation to the region at or below the limit shown in Technical Specification Figure 3.4.1.1-1, within 2 hours after either recirculation loop is declared inoperable. That limit corresponds to a load line leading to 80% reactor power at rated core flow. This constitutes an additional restriction not presently in the Technical Specifications; therefore, this proposed change is consistent with Item (ii) of the "Examples of Amendments that are Considered Not Likely to Involve Significant Hazards Considerations" listed on page 14,870 of the April 6, 1983, issue of the Federal Register.