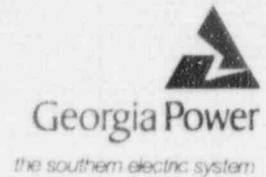


Georgia Power Company
40 Inverness Center Parkway
Post Office Box 1295
Birmingham, Alabama 35201
Telephone 205 877-7279

J. T. Beckham, Jr.
Vice President - Nuclear
Hatch Project



May 21, 1996

Docket Nos. 50-321
50-366

HL-5163

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555

Edwin I. Hatch Nuclear Plant
Request to Revise Technical Specifications:
Condensate Storage Tank Level Indication

Gentlemen:

In accordance with the provisions of 10 CFR 50.90, as required by 10 CFR 50.59(c)(1), Georgia Power Company (GPC) hereby proposes change to the Plant Hatch Unit 1 and Unit 2 Technical Specifications (TS), Appendix A to Operating Licenses DPR-57 and NPF-5, respectively. The proposed change to condensate storage tank (CST) level indication ensures water level is sufficient to provide 50,000 gallons of water for core spray makeup to the reactor pressure vessel.

Enclosure 1 provides a description of and basis for the proposed change. Enclosure 2 details the bases for GPC's determination the proposed change does not involve a significant hazards consideration. Enclosure 3 provides page change instructions for incorporating the proposed change into the TS. The revised TS pages and corresponding marked-up pages follow Enclosure 3. Enclosure 4 provides, for your information, a marked-up copy of the associated Bases pages and the revised Bases pages which will be made effective concurrently with the TS change. GPC requests the proposed amendments, once approved by the NRC, be issued with an immediate effective date and implementation no later than 90 days after issuance.

In accordance with the requirements of 10 CFR 50.91, the designated State official will be sent a copy of this letter and all applicable enclosures.

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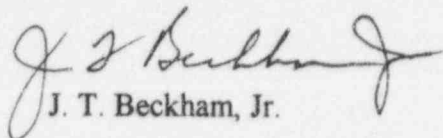
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U.S. Nuclear Regulatory Commission
May 21, 1996

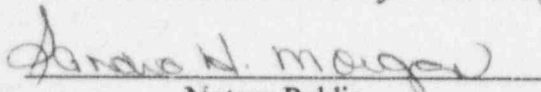
Page 2

Mr. J. T. Beckham, Jr. states he is Vice President of Georgia Power Company and is authorized to execute this oath on behalf of Georgia Power Company, and to the best of his knowledge and belief, the facts set forth in this letter are true.

Sincerely,


J. T. Beckham, Jr.

Sworn to and subscribed before me this 21st day of May 1996.


Notary Public

MY COMMISSION EXPIRES APRIL 10, 1997

IFL/sp

Enclosures:

1. Basis for Proposed Change
2. 10 CFR 50.92 Evaluation
3. TS Page Change Instructions and Revised Pages
4. Associated Bases Revised Pages

cc: Georgia Power Company

Mr. H. L. Sumner, Jr., Nuclear Plant General Manager
NORMS

U. S. Nuclear Regulatory Commission, Washington, D. C.

Mr. K. Jabbour, Licensing Project Manager - Hatch

U. S. Nuclear Regulatory Commission, Region II

Mr. S. D. Ebnetter, Regional Administrator

Mr. B. L. Holbrook, Senior Resident Inspector - Hatch

State of Georgia

Mr. J. D. Tanner, Commissioner - Department of Natural Resources

Enclosure 1

Edwin I. Hatch Nuclear Plant Request to Revise Technical Specifications: Condensate Storage Tank Level Indication

Basis for Proposed Change

Background

Technical Specifications (TS) Surveillance Requirement (SR) 3.5.2.2.b for ECCS - Shutdown states: "Condensate storage tank (CST) water level is ≥ 12 ft." The corresponding Bases state: "...the CST contains $\geq 150,000$ gallons of water, equivalent to 12 ft, ensures that the CS System can supply at least 50,000 gallons of makeup water to the RPV."

Subsequent analyses confirm that the Plant Hatch Unit 1 and Unit 2 CST configurations are different; that is, for both CSTs, a water level of 12 ft is not equivalent to the required capacity of 150,000 gallons of water. In each CST, Core Spray (CS) suction is uncovered at the 100,000-gallon capacity. For Unit 1, this capacity is equivalent to a tank level of 9 ft. For Unit 2, the 100,000-gallon capacity is equivalent to a tank level of 10 ft. Calculations show that for the Unit 1 CST, an additional 3.93 ft of water are required to provide the additional 50,000 gallons for CS makeup to the reactor pressure vessel (RPV). For the Unit 2 CST, an additional 4.4 ft of water are required. Based on these calculations, the correct level for the Unit 1 CST is 13 ft, and the correct level for the Unit 2 CST is 15 ft.

Proposed Change

To ensure the level for each CST tank is sufficient to provide 50,000 gallons of water for CS makeup to the RPV, GPC proposes to revise Unit 1 and Unit 2 TS 3.5.2, ECCS - Shutdown, SR 3.5.2.2.b, as follows:

1. Unit 1: The CST water level requirement is changed from ≥ 12 ft to ≥ 13 ft.
2. Unit 2: The CST water level requirement is changed from ≥ 12 ft to ≥ 15 ft.

The associated Bases for each unit will be revised accordingly.

Enclosure 2

Edwin I. Hatch Nuclear Plant Request to Revise Technical Specifications: Condensate Storage Tank Level Indication

10 CFR 50.92 Evaluation

Proposed Change

The proposed change revises Unit 1 and Unit 2 SR 3.5.2.2.b to require a condensate storage tank (CST) water level of ≥ 13 ft and ≥ 15 ft, respectively, to ensure at least 50,000 gallons of water are available for core spray (CS) makeup to the reactor pressure vessel (RPV).

10 CFR 50.92 Evaluation

Georgia Power Company (GPC) has reviewed the proposed TS change and determined it does not involve a significant hazards consideration based on the following:

1. The proposed TS change does not involve a significant increase in the probability or consequences of an accident previously evaluated, because this administrative change to the CST water level does not alter the operation of any plant system or component. The proposed change does not involve a physical modification to any structure, system, or component. The minimum CST water level for each unit is being increased to account for the height of the CS suction standpipe within each CST and the differences in the Unit 1 and Unit 2 CST diameters (gallons/ft of water) as follows:
 - a. Unit 1 - The proposed minimum water level is calculated as: CS suction standpipe height of 9 ft + (50,000 gallons ÷ 12,704 gallons/ft) = 12.93 ft or 13 ft.
 - b. Unit 2 - The proposed minimum water level is calculated as: CS suction standpipe height of 10 ft + (50,000 gallons ÷ 11,343 gallons/ft) = 14.4 ft or 15 ft.

The revised minimum levels ensure at least 50,000 gallons of water are provided above the top of the standpipe in each unit's CST and are available for CS makeup to the RPV, as stated in the applicable Bases. The TS Limiting Conditions for Operation (LCO) remain unaffected by the proposed change.

Enclosure 2

Edwin I. Hatch Nuclear Plant
Request to Revise Technical Specifications:
Condensate Storage Tank Level Indication

10 CFR 50.92 Evaluation

2. The proposed TS change does not create the possibility of a new or different kind of accident from any accident previously evaluated. Revising Surveillance Requirement acceptance criteria does not result in any physical modification to the plant or operation of any existing equipment.
3. The proposed TS change does not involve a significant reduction in a margin of safety, since this administrative change only ensures the existing TS Bases are satisfied by increasing the minimum CST water level requirement to ensure at least 50,000 gallons of water are available for CS injection to the RPV. The proposed change does not involve a physical modification to any structure, system or component, and does not modify the operation of any existing equipment.

Enclosure 3

Edwin I. Hatch Nuclear Plant
Request to Revise Technical Specifications
Condensate Storage Tank Level Indication

TS Page Change Instructions and Revised Pages

Unit 1

<u>Page</u>	<u>Instruction</u>
3.5-9	Replace

Unit 2

<u>Page</u>	<u>Instruction</u>
3.5-9	Replace