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Georgia Power

the southern electric system

November 11, 1982

J. T. Beckham, Jr.
Vice President and General Manager
Nuclear Generation

Director of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

NRC DOCKET 50-366
OPERATING LICENSE NPF-5
EDWIN I. HATCH NUCLEAR PLANT UNIT 2
REQUEST FOR TECHNICAL SPECIFICATION CHANGE
FEEDWATER TEMPERATURE REDUCTION

Gentlemen:

In accordance with the provisions of 10 CFR 50.90, Georgia Power Company (GPC) hereby proposes an amendment to the Edwin I. Hatch Unit 2 Technical Specifications (Appendix A to the Operating License). This change would incorporate the results of the calculations for feedwater temperature reduction (FWTR), and OYDN analysis corrections.

Results from Hatch-2 Cycle-3 FWTR calculations have been obtained from General Electric Company (GE) to permit operation of the unit in the event of a partial loss of feedwater heating. Those analyses include the operating limit MCPRs for a constant final feedwater temperature reduction of no greater than 63°F at full power. The calculations do not address operation with concurrent FWTR and increased core flow (ICF). Because ICF in conjunction with FWTR is not covered by the analysis, such operation will not be allowed as a mode of operation at Plant Hatch until such analyses are performed.

GPC received the Hatch-2 Cycle-3 OYDN analysis correction from GE in mid-September. On October 4, 1982, GPC requested Technical Specification changes to reflect the corrected analyses. The changes are being resubmitted for completeness since the request has not yet been approved.

Please note that the MCPR limit with all feedwater heaters in service (Figure 3.2.3-1) is .02-.03 more conservative than those published in GE report Y1003501A32, Revision 1, "Supplemental Reload Licensing Submittal for Hatch Nuclear Power station Unit 2 Reload 2." The MCPR values shown in Appendix B of the reference document are reflected in Figure 3.2.3-2 of the proposed Technical Specifications.

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Page Two

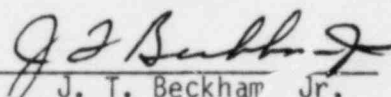
The proposed changes to the Technical Specifications have been reviewed by the Plant Review Board and the Safety Review Board. They have determined that the proposed changes do not constitute an unreviewed safety question. The analysis was performed in accordance with the standard GE Generic Reload analysis methodology which has previously been reviewed and accepted by the NRC. The probability of occurrence or the consequences of an accident or malfunction of equipment important to safety are not increased above those analyzed in the FSAR due to this change because the changes were recommended after an analysis so that margins of safety remained the same or were increased. The possibility of an accident or malfunction of a different type than analyzed in the FSAR does not result from this change because the changes do not introduce different modes of failure from those previously analyzed. The margin of safety, as defined in Technical Specifications, is not reduced due to this change because all margins have been verified by analyses, which are enclosed as document Y1003501A32, Revision 1, "Supplemental Reload Licensing Submittal for Hatch Nuclear Power Station Unit 2 Reload 2."

Instructions for incorporation of these changes along with copies of affected Technical Specification pages are enclosed.

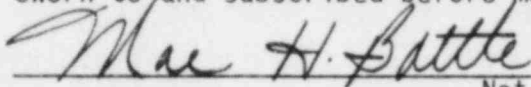
Included with this proposal is a determination of amendment class. We have determined this to be one Class III amendment, and have enclosed the appropriate payment.

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

GEORGIA POWER COMPANY

By: 
J. T. Beckham Jr.

Sworn to and subscribed before me this 11th day of November, 1982



Notary Public, Georgia, State at Large
My Commission Expires Sept. 20, 1983

Notary Public

DLT/mb

Enclosure

xc: H. C. Nix, Jr.
J. P. O'Reilly (NRC-Region II)
Senior Resident Inspector

ATTACHMENT 1

NRC DOCKET 50-366
OPERATING LICENSE NPF-5
EDWIN I. HATCH NUCLEAR PLANT UNIT 2
PROPOSED CHANGES TO TECHNICAL SPECIFICATIONS

Pursuant to 10 CFR 170.12 (c), 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, the changing of operating Power Distribution Limits for cycle 3 core with reduced feedwater temperature.
- e. The proposed change is therefore a Class III amendment.

ATTACHMENT 2

NRC DOCKET 50-366
OPERATING LICENSE NPF-5
EDWIN I. HATCH NUCLEAR PLANT UNIT 2
PROPOSED CHANGES TO TECHNICAL SPECIFICATIONS

Replace the following pages of the Appendix A Technical Specifications with the enclosed pages. The revised pages are identified by Amendment number and contain vertical lines indicating the area of change. The overleaf pages are provided to maintain document completeness.

<u>Remove</u>	<u>Insert</u>
3/4 2-6	3/4 2-6
3/4 2-7	3/4 2-7
3/4 2-7a	3/4 2-8
	3/4 2-9
3/4 2-7b	3/4 2-10
3/4 2-8	3/4 2-11
B 3/4 2-3	B 3/4 2-3
B 3/4 2-4	B 3/4 2-4
B 3/4 2-5	B 3/4 2-5