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



The southern electric system

NED-84-375

July 12, 1984

Director of Nuclear Reactor Regulation
Attention: Mr. John F. Stolz, Chief
Operating Reactors Branch No. 4
Division of Licensing
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 AMENDMENT
TO SUPPORT OPERATION IN THE ELLLA REGION

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). These proposed changes would provide an additional restriction on plant operation during the Limiting Condition for Operation with one recirculation loop out of service. The NRC staff has previously indicated to GPC that this proposed amendment would have to be added to the Hatch-2 Technical Specifications before operation in the Extended Load Line Limit Analysis (ELLLA) Region of the Power/Flow operating map would be allowed.

GPC previously submitted proposed Technical Specifications to allow operation in the ELLLA region by letter dated February 6, 1984 (NED-84-030). This latest submittal is provided to address NRC staff concerns regarding Reactor Power Level stability during plant operation at certain high power - low flow conditions. This proposed change would require that the plant be operated below the limit shown in Technical Specification Figure 3.4.1.1-1, which corresponds to a load line leading to 80% reactor power at rated core flow, within 2 hours after the loss of service of one recirculation loop.

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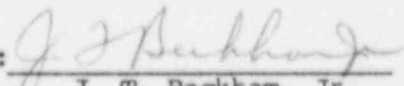
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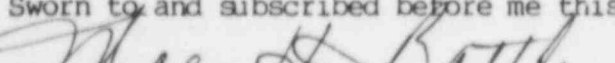
Both the Plant Review Board and the Safety Review Board have reviewed the proposed changes and have determined that they do not involve an unreviewed safety question. The probability of occurrence and the consequences of an accident or malfunction of equipment important to safety would not be increased above those analyzed in the FSAR due to this proposed change because the affected system will still be restricted to operational conditions bounded by those described in the FSAR. The possibility of an accident or malfunction of a different type than analyzed in the FSAR would not result from this proposed change because no new operational or transient modes would be allowed by the new requirements. The margin of safety as defined in the Technical Specifications would not be reduced due to this proposed change because it would result in a more conservative restriction on allowed operational conditions.

Pursuant to the requirements of 10 CFR 50.91, Mr. J. L. Ledbetter of the Environmental Protection Division of the Georgia Department of Natural Resources will be sent a copy of this letter and all applicable attachments.

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 12th day of July, 1984,

Notary Public, Georgia, State at Large
My Commission Expires Sept. 18, 1987

Notary Public

CBS/mb

Enclosure

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

ATTACHMENT 1

NRC DOCKET 50-366
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The proposed changes to Technical Specifications (Appendix A to Operating License NPF-5) would be incorporated as follows:

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