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



March 24, 1983

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 CHANGE TO TECHNICAL SPECIFICATIONS

Gentlemen:

Pursuant to 10 CFR 50.90, as required by 10 CFR 50.59(c)(1), Georgia Power Company hereby requests a change to the Technical Specifications, Appendix A to the Operating License.

The change requested is a one-time extension of the grace period for calibration of the Local Power Range Monitors (LPRMs). The LPRMs are calibrated by the Transversing Incore Probe (TIP) system per specification 3.3.6.6. During performance of the LPRM calibration on March 19, 1983, the TIP system became inoperable. Subsequent attempts to repair the TIP system have proven to be unsuccessful and it is now clear that emergency relief is needed in order to avoid an unscheduled shutdown only seven days before the refueling outage, which is scheduled to begin on April 4, 1983. LPRM amplifier gain adjustment factors were determined, but gain adjustments could not be made, since this would require verification with the now inoperable TIP system.

Table 4.3.1-1 (note g) requires LPRM calibration at least once per 1000 effective full power hours (EFPH). Specification 4.0.2.a allows a grace period of 25 percent beyond this surveillance interval. The allowed calibration interval of 1250 EFPH will be reached on March 28, 1983. It has been calculated that increasing the grace period by 126 EFPH, or approximately 13 percent of the allowed base interval, will allow the unit to operate until the planned shutdown. In addition, relief from Specification 4.0.2.b, which allows a total grace period for three consecutive surveillance intervals not to exceed 3.25 times the base surveillance interval, will be necessary. The requested change will result in a maximum value of 3.40 times the base surveillance interval.

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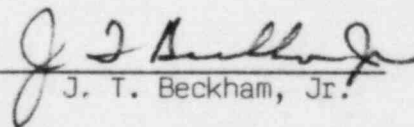
The gain adjustment factors determined by the TIP run of March 19, 1983, averaged 1.06 with a maximum adjustment factor of 1.14 being required. General Electric has reviewed the gain adjustment factors obtained and concluded that the requested extension does not affect the uncertainty of the determination of the margins from thermal limits. Since the gain adjustment factors are small, the performance of the Average Power Range Monitors and the Rod Block Monitors is virtually unaffected. The unit is currently operating at approximately 70 percent power due to unrelated reasons and is expected to remain at or below this power level for the extension period.

The Plant Review Board has determined that the requested change does not involve an unreviewed safety question. No new modes of operation are involved. Due to the reasons explained above, accident probabilities are not increased above those analyzed in the FSAR. Margins of safety are not decreased.

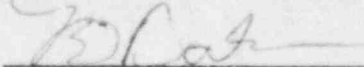
Enclosed is a determination of amendment class. Appropriate payment will be forthcoming.

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 24th day of March, 1983.



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

Notary Public

REB/mb

Enclosure

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