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G. F. Head
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THE SOUTHERN ELECTRIC SYSTEM

NED-83-074

December 21, 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 DOCKETS 50-321, 50-366
OPERATING LICENSES DPR-57, NPF-5
EDWIN I. HATCH NUCLEAR PLANT UNITS 1, 2
REQUEST TO CHANGE HYDROGEN AND OXYGEN POST-ACCIDENT
MONITORING TECHNICAL SPECIFICATIONS

Gentlemen:

In accordance with the provisions of 10 CFR 50.90 as required by the provisions of 10 CFR 50.59(c)(1), Georgia Power Company (GPC) hereby proposes an amendment to the Edwin I. Hatch Units 1 and 2 Technical Specifications (Appendix A to each Operating License). These changes would clarify the operability conditions for the drywell H₂ and O₂ analyzers to meet the requirements of NUREG-0737 Item II.F.1; which is, that continuous monitoring of these gases be available within 30 minutes of the initiation of a safety injection.

These changes would still maintain the present Limiting Conditions for Operation of this system for both units. Those limits allow reactor operation with an H₂ and O₂ analyzer inoperable for up to 7 days on Unit 1 and 30 days on Unit 2. However, these changes would alter the surveillance requirements for these analyzers, which were recently replaced with a different model, to conform with the new manufacturers recommendations for frequency of channel checks and calibrations for the new model.

Both the Plant Review Board and the Safety Review Board have evaluated these proposed Technical Specification changes and both have determined that the implementation of these proposed changes would in no way constitute an unreviewed safety question. The probability of occurrence or the consequences of an accident or malfunction of safety-related equipment would not be increased above those analyzed in the FSAR, because the safety function of the drywell H₂ and O₂ analyzers as described in the FSAR

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would be maintained by this change. The possibility of an accident or malfunction of a different type than analyzed in the FSAR would not result from this change because the allowed operational modes for these analyzers would be essentially unaltered and no new failure modes would be introduced. The margin of safety as defined in Technical Specifications would not be reduced by this change because the Limiting Conditions for Operation of these analyzers remain intact.

Instructions for incorporation of these changes (Attachments 1 and 2), along with copies of affected Technical Specifications pages are enclosed.

Included with this proposal is a determination of amendment class (Attachment 3). We have determined this to be one Class III amendment and one Class I amendment, and have enclosed the appropriate payment.

As required by 10 CFR 50.92, an analysis for each proposed Technical Specification change is enclosed with this submittal (Attachments 4 and 5).

Pursuant to the requirements of 10 CFR 50.92, J. L. Ledbetter of the Georgia Department of Natural Resources will be sent a copy of this letter and all applicable attachments.

G. F. Head 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: G. F. Head
G. F. Head

Sworn to and subscribed before me this 21st day of December, 1983

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

CBS/mb

Enclosure

xc: H. C. Nix

J. P. O'Reilly (NRC Region II)
Senior Resident Inspector