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ATTACHMENT 4

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Georgia Power

the southern electric system

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

NED-83-322

May 25, 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
AUGMENTED RCS LEAK DETECTION

Gentlemen:

Georgia Power Company (GPC) has been requested by the NRC to impose augmented leak detection requirements for the reactor coolant system (RCS). These augmented requirements are a result of the discovery of unacceptable pipe flow indications in the Recirculation and RHR systems. The new requirements incorporate the surveillance frequencies suggested by NUREG-0313 Rev. 1, Section IV.B.1.a.2.

Therefore, GPC commits, beginning at the time of unit startup following the current refueling/maintenance outage, to the following requirements:

1. Grab samples of the containment atmosphere, as discussed in the ACTION statement of Technical Specification 3.4.3.1, (one leakage detection system inoperable) will be obtained and analyzed once per 4 hours, instead of 24 hours as presently required.
2. Primary system gaseous and particulate system channel checks (Technical Specification 4.4.3.1a) will be performed once every 4 hours, instead of 12 hours as presently required.
3. Actions required by Technical Specification 3.4.3.2d will be implemented if reactor coolant leakage increases by 2 gpm unidentified leakage within any 24-hour period instead of within any 4-hour period as presently required.

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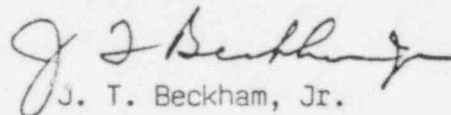
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4. With greater than 5 gpm unidentified RCS leakage, or 25 gpm total RCS leakage averaged over any 24-hour period, (Technical Specification 3.4.3.2 Action b.) the leakage rate will be reduced to within these limits within 4 hours, or the provisions of this ACTION statement will apply. Presently, 8 hours is allowed to reduce leakage rates.
5. Monitoring of primary containment floor drain sump and equipment sump levels will take place once per 4 hours, instead of once per 12 hours, as presently required (Technical Specification 4.4.3.2a).
6. Monitoring of primary containment atmospheric particulate and gaseous radioactivity levels will take place once per 4 hours, instead of once per 12 hours, as presently required (Technical Specification 4.4.3.2b).

Each of these requirements is a conservative change to ensure continued safe operation following piping repairs. None of these changes constitutes an unreviewed safety question.

Please contact this office if further information is required.

Very truly yours,


J. T. Beckham, Jr.

REB/mb

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