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Georgia Power

*the southern electric system*

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

August 12, 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  
INSERVICE INSPECTION PROGRAM

Gentlemen:

Georgia Power Company (GPC) hereby submits for your review a revision of the inservice inspection programs for Hatch Units 1 and 2. The enclosed revision voluntarily updates the programs to the 1980 Edition of the ASME Section XI Code with Addenda through Winter 1980. This inservice inspection program update supercedes the earlier Hatch Unit 1 program with relief requests submitted by letter dated January 27, 1981, and the Hatch Unit 2 program which was originally submitted in the Final Safety Analysis Report. The aforementioned superceded programs for Hatch Units 1 and 2 were written to the 1974 Edition of the ASME Section XI Code with Addenda through Summer 1975. Six (6) copies of the updated program have been enclosed for your convenience.

The upgraded programs will go into effect on January 1, 1984, and will be implemented for a period of 80-months. Near the end of the 80-month period, the inservice inspection programs will again be updated to meet a later NRC-approved edition of ASME Section XI. The 80-month duration of the upgraded programs is being used so that the start date of the following 120-month interval of the inservice inspection programs for the two Hatch units will coincide.

Revision of the pump and valve inservice testing portions of the inservice inspection programs involved two major tasks:

- 1) Incorporating changes as required by the 1980 Edition of ASME Section XI with Addenda through Winter 1980; and,
- 2) Incorporating changes and responding to questions as a result of the review of the pump and valve inservice testing portions of the previous programs by NRC Region II as requested by NRC NRR.

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A meeting was held on June 23, 1983 among NRC Region II, NRC NRR, and GPC personnel to discuss NRC questions concerning the previous pump and valve inservice testing portions of the inservice inspection programs. The revised pump and valve inservice testing programs in the document enclosed herein incorporates GPC's responses to the informally submitted NRC questions. Enclosed as Attachment A to this letter is a list of changes from the previous pump and valve inservice testing portions of the inservice inspection programs to the upgraded programs.

It should be noted that for two systems mentioned by the NRC during the June 23, 1983 meeting, GPC has not included them in the pump and valve inservice testing portions of the inservice inspection programs. The two systems are the Diesel Generator Fuel Oil System and the Diesel Generator Starting Air System. It is the position of GPC that these two systems are not within the scope of Section XI as defined in NRC Regulatory Guide 1.26 and that the requirements of the Technical Specifications adequately test these systems to ensure the operational readiness of the diesel generators. The operability of the diesel fuel transfer pumps are verified monthly per Technical Specification requirements. The operability of the starting air system is verified monthly during the diesel generator test required by Technical Specifications.

GPC requests that NRC grant the relief requests included in the attached programs document in accordance with 10CFR50.55a (g) (6). Relief requested in the upgraded inservice inspection programs does not affect public health and safety.

Please be advised that the inservice inspection plans which implement the enclosed programs document for Hatch Units 1 and 2 will be revised prior to January 1, 1984, and will be available for review by NRC at the Hatch plant site.

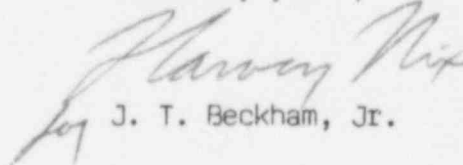
Since portions of the upgraded inservice inspection programs respond to NRC questions, GPC requests that the enclosed programs document be reviewed by the NRC by January 1, 1984. GPC will implement the updated programs for the two Hatch units on that date.

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By copy of this letter, NRC Region II is being provided with the enclosed information.

Should you have any questions or comments in this regard, please contact this office.

Sincerely yours,

  
J. T. Beckham, Jr.

JAE/blm

Enclosures: Attachment A  
Hatch 1 and 2 ISI Program

xc: L. T. Gucwa  
H. C. Nix, Jr.  
Senior Resident Inspector  
J. P. O'Reilly (NRC Region II)

## ATTACHMENT A

The following is a listing of significant changes from the pump and valve inservice testing portion of the inservice inspection programs (1974 Code) to the program upgraded to the requirements of the 1980 Edition of ASME Section XI with Addenda through Winter 1980:

### General

1. There are no significant changes to the pump program except that the relief request for quarterly testing has been deleted.
2. The Control Rod Drive System valves were placed in the valve program; however, they will be tested per the requirements of the Technical Specifications.
3. Category A valves that are "Appendix J" valves will have a specific leakage applied.
4. Category A valves that are "pressure isolation" valves will have a leakage criteria of .5 gpm per inch of valve diameter or a maximum of 5 gpm total leakage.

### Specific Valves

1. Valves P41-F311 A through D were added to the program.
2. Valves E41-F012 and 2E41-F012 will now be stroke timed.
3. Valves E41-F008 and 2E41-F008 are reclassified as passive valves.
4. Flow control valves E41-F035 and 2E41-F035 will be observed during pump testing to ensure that they fail in the "open" position.
5. The following check valves will be disassembled and inspected as scheduled in the program to prove they are functional:

E11-F050 A & B  
E21-F006 A & B  
E41-F021  
E41-F022  
E41-F040

E41-F049  
E51-F001  
E51-F002  
E51-F028  
E51-F040

P41-F024 A & B  
P41-F025 A & B  
P41-F026 A & B  
P41-F028 A & B  
E41-F045

2E11-F050 A & B  
2E21-F006 A & B  
2E41-F021  
2E41-F022  
2E41-F040

2E41-F049  
2E51-F001  
2E51-F002  
2E51-F028  
2E51-F040

2P41-F024 A & B  
2P41-F025 A & B  
2P41-F026 A & B  
2P41-F028 A & B  
2E41-F045

ATTACHMENT A (CONTINUED)

6. The following air-operated valves will be stroke timed; however, a maximum stroke time is the only acceptance criteria:

P41-F035 A & B	2P41-F035 A & B
P41-F036 A & B	2P41-F036 A & B
P41-F037 A & B	2P41-F037 A & B
P41-F039 A & B	2P41-F039 A & B
P41-F040 A & B	2P41-F040 A & B
P41-F042 A & B	2P41-F042 A & B

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