

October 23, 1996

Mr. J. T. Beckham, Jr.  
Vice President - Plant Hatch  
Georgia Power Company  
P. O. Box 1295  
Birmingham, Alabama 35201

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION (RAI) REGARDING THIRD 10-YEAR  
INTERVAL INSERVICE INSPECTION PROGRAM - EDWIN I. HATCH NUCLEAR  
PLANT, UNITS 1 AND 2 (TAC NOS. M93918 AND M93919)

Dear Mr. Beckham:

By letter dated October 17, 1995, and supplemented January 26, April 5,  
June 4, and August 13, 1996, you submitted the Third 10-Year Interval  
Inservice Inspection (ISI) Program for the Hatch Nuclear Plant for NRC review  
and approval, in accordance with the requirements of 10 CFR 50.55a.

The NRC staff, with technical assistance from its contractor, the Idaho  
National Engineering Laboratory (INEL), has continued to review and evaluate  
the information provided in the above submissions. Based upon that ongoing  
review, the staff requires additional information (enclosed) in order to  
complete its review of the third 10-year interval ISI program for Hatch. In  
order for the staff to complete its review in a timely manner, we request that  
you submit a response to the attached RAI within 30 days of the receipt of  
this letter. In addition, to expedite our review, please send a copy of your  
response to:

Michael T. Anderson  
INEL Research Center  
2151 North Boulevard  
P.O. Box 1625  
Idaho Falls, Idaho 83415-2209

If you have any questions regarding this request, please call me at  
(301) 415-1496.

Sincerely,

Original signed by:

**NRC FILE CENTER COPY**

Kahtan N. Jabbour, Senior Project Manager  
Project Directorate II-2  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Docket Nos. 50-321 and 50-366

Enclosure: Request For Additional Information

cc w/encl: See next page

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

October 23, 1996

Mr. J. T. Beckham, Jr.  
Vice President - Plant Hatch  
Georgia Power Company  
P. O. Box 1295  
Birmingham, Alabama 35201

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION (RAI) REGARDING THIRD 10-YEAR  
INTERVAL INSERVICE INSPECTION PROGRAM - EDWIN I. HATCH NUCLEAR  
PLANT, UNITS 1 AND 2 (TAC NOS. M93918 AND M93919)

Dear Mr. Beckham:

By letter dated October 17, 1995, and supplemented January 26, April 5, June 4, and August 13, 1996, you submitted the Third 10-Year Interval Inservice Inspection (ISI) Program for the Hatch Nuclear Plant for NRC review and approval, in accordance with the requirements of 10 CFR 50.55a.

The NRC staff, with technical assistance from its contractor, the Idaho National Engineering Laboratory (INEL), has continued to review and evaluate the information provided in the above submittals. Based upon that ongoing review, the staff requires additional information (enclosed) in order to complete its review of the third 10-year interval ISI program for Hatch. In order for the staff to complete its review in a timely manner, we request that you submit a response to the attached RAI within 30 days of the receipt of this letter. In addition, to expedite our review, please send a copy of your response to:

Michael T. Anderson  
INEL Research Center  
2151 North Boulevard  
P.O. Box 1625  
Idaho Falls, Idaho 83415-2209

If you have any questions regarding this request, please call me at (301) 415-1496.

Sincerely,

*Kahtan N. Jabbour*

Kahtan N. Jabbour, Senior Project Manager  
Project Directorate II-2  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Docket Nos. 50-321 and 50-366

Enclosure: Request For Additional Information

cc w/encl: See next page

Mr. J. T. Beckham, Jr.  
Georgia Power Company

Edwin I. Hatch Nuclear Plant

cc:  
Mr. Ernest L. Blake, Jr.  
Shaw, Pittman, Potts and Trowbridge  
2300 N Street, NW.  
Washington, DC 20037

Mr. D. M. Crowe  
Manager Licensing - Hatch  
Georgia Power Company  
P. O. Box 1295  
Birmingham, Alabama 35201

Mr. L. Sumner  
General Manager, Nuclear Plant  
Georgia Power Company  
P. O. Box 439  
Baxley, Georgia 31513

Resident Inspector  
U.S. Nuclear Regulatory Commission  
11030 Hatch Parkway North  
Baxley, Georgia 31513

Regional Administrator, Region II  
U.S. Nuclear Regulatory Commission  
101 Marietta Street, NW. Suite 2900  
Atlanta, Georgia 30323

Mr. Charles H. Badger  
Office of Planning and Budget  
Room 610  
270 Washington Street, SW.  
Atlanta, Georgia 30334

Harold Reheis, Director  
Department of Natural Resources  
205 Butler Street, SE., Suite 1252  
Atlanta, Georgia 30334

Mr. Thomas P. Mozingo  
Program Manager  
Nuclear Operations  
Oglethorpe Power Corporation  
2100 East Exchange Place  
P. O. Box 1349  
Tucker, Georgia 30085-1349

Charles A. Patrizia, Esquire  
Paul, Hastings, Janofsky & Walker  
10th Floor  
1290 Pennsylvania Avenue  
Washington, DC 20004-9500

Mr. Jack D. Woodard  
Senior Vice President  
Georgia Power Company  
P. O. Box 1295  
Birmingham, Alabama 35201

Chairman  
Appling County Commissioners  
County Courthouse  
Baxley, Georgia 31513

Steven M. Jackson  
Senior Engineer - Power Supply  
Municipal Electric Authority  
of Georgia  
1470 Riveredge Parkway, NW  
Atlanta, Georgia 30328-4684

REQUEST FOR ADDITIONAL INFORMATION  
THIRD 10-YEAR INTERVAL INSERVICE INSPECTION PROGRAM  
GEORGIA POWER COMPANY, ET AL.  
EDWIN I. HATCH NUCLEAR PLANT, UNITS 1 AND 2  
DOCKET NOS. 50-321 AND 50-366

On October 17, 1995, and supplemented January 26, April 5, June 4, and August 13, 1996, Georgia Power Company, et al. (GPC or the licensee) submitted the third 10-year interval Inservice Inspection (ISI) program for the Hatch Nuclear Plant for NRC review and approval, in accordance with the requirements of 10 CFR 50.55a.

The staff, with technical assistance from its contractor, the Idaho National Engineering Laboratory (INEL), has continued to review and evaluate the information provided in those submittals. Based upon that ongoing review, the staff requires the additional information discussed below, in order to complete its review of the Hatch third 10-year interval ISI program.

1. Scope/Status of Review

Throughout the service life of a water-cooled nuclear power facility, 10 CFR 50.55a(g)(4) requires that components (including supports) that are classified as American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code Class 1, Class 2, and Class 3 meet the requirements, except design and access provisions and preservice examination requirements, set forth in ASME Code Section XI, "Rules for Inservice Inspection of Nuclear Power Plant Components," to the extent practical within the limitations of design, geometry, and materials of construction of the components. This section of the regulations also requires that inservice examinations of components and system pressure tests conducted during the successive 120-month inspection interval comply with the requirements in the latest edition and addenda of the Code incorporated by reference in 10 CFR 50.55a(b) on the date 12 months prior to the start of a successive 120-month interval, subject to the limitations and modifications listed therein. The components (including supports) may meet requirements set forth in subsequent editions and addenda of the Code that are incorporated by reference in 10 CFR 50.55a(b) subject to the limitations and modifications listed therein. The licensee has prepared the Hatch Third 10-Year Interval Inservice Inspection (ISI) Program Plan to meet the requirements of the 1989 Edition of Section XI of the ASME Code.

As required by 10 CFR 50.55a(g)(5), if the licensee determines that certain Code examination requirements are impractical and requests relief, the licensee shall submit information to the Nuclear Regulatory Commission (NRC) to support that determination.

The staff has reviewed the information in the Hatch Nuclear Plant, Third 10-Year Interval ISI Program Plan, submitted by letter dated October 17, 1995, and supplemented January 26, April 5, June 4, and August 13, 1996, and the requests for relief from the ASME Code Section XI requirements that the licensee has determined that alternative testing provide an acceptable level of quality and safety.

2. Additional Information Required

Based on the above review, the staff has concluded that additional information is required to complete the review of the Hatch ISI Program Plan.

- a) In Request for Relief RR-13, GPC has requested relief from performing the Code-required VT-2 visual examination during System Functional and System Inservice Pressure Tests for the subject containment penetration piping classified as Code Class 2. The NRC staff's position is that the use of Code Case N-522 is acceptable with the following conditions: the test is conducted at the peak calculated containment pressure, and the test procedure permits the detection and location of through-wall leakage in containment isolation valves (CIVs) and pipe segments between the CIVs.
- b) In Request for Relief RR-16, GPC requested relief from performing a pneumatic pressure test of SRV B21-F013 discharge piping. The staff's position is that the proposed request must include the verification of discharge piping integrity each period by VT-3 visual examination to provide reasonable assurance of the operational readiness of the subject piping

In order to complete the review of the licensee's submittals for use of the proposed alternatives to Code requirements, a docketed commitment to comply with the subject conditions is necessary in order for the staff to authorize the alternatives.