

REGULATORY ~~SECRET~~ FILE COPY

JUNE 10 1980

Docket No. 50-321

Mr. William A. Widner
Vice President - Engineering
Georgia Power Company
P. O. Box 4545
Atlanta, Georgia 30302

Dear Mr. Widner:

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The Commission has issued Amendment No. 751 to Operating License No. DPR-57 for the Edwin I. Hatch Nuclear Plant, Unit No. 1. The amendment is in response to your request dated January 16, 1980, and conforms the diesel generator fuel oil sampling requirements to current licensing practices. The change makes the sampling requirements for both Hatch Units 1 and 2 identical.

The Hatch Unit 1 specifications as originally issued in 1974 required monthly analyses of diesel fuel oil. Ten separate analyses were involved. Current licensing practices are set forth in NUREG-0123, Rev. 1, "Standard Technical Specifications for General Electric Boiling Water Reactors", and require that diesel fuel oil from the fuel storage tank be within limits when checked for viscosity, water and sediment. This surveillance is required at least once every 92 days. This surveillance was included in the Hatch Unit 2 specifications which were issued in 1978.

Based on our review, we have determined that: (1) the diesel fuel services both units, and (2) the performance requirements of the emergency diesel generators are unaffected by the proposed change. Therefore, we find the change to be administrative in nature since it conforms the Unit 1 surveillance requirements to those of Unit 2.

We have evaluated the potential for environmental impact of plant operation in accordance with the enclosed amendment. The amendment applies to administrative details. Therefore, we have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level, and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and pursuant to 10 CFR §51.5(d)(4) that an environmental impact statement, or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of the amendment.

CP GP

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DATE	05/21/80	05/28/80	06/11/80	05/29/80	05/16/80

Since the amendment applies only to administrative details, it does not involve significant new safety information of a type not considered by a previous Commission safety review of the facility. It does not involve a significant increase in the probability or consequences of an accident, does not involve a significant decrease in a safety margin, and therefore does not involve a significant hazards consideration. We have also concluded that there is reasonable assurance that the health and safety of the public will not be endangered by this action.

A copy of the Notice of Issuance is also enclosed.

Sincerely,

Original signed by
Robert W. Reid

Robert W. Reid, Chief
Operating Reactors Branch #4
Division of Licensing

Enclosures:

- 1. Amendment No. 751 to DPR-57
- 2. Notice of Issuance

cc w/enclosures:

See next page

OFFICE ▶						
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DATE ▶						



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555

June 10, 1980

Distribution:
Docket file
R. Ingram
ORB#4 Rdg.

Docket No. 50-321

Docketing and Service Section
Office of the Secretary of the Commission

SUBJECT: EDWIN I. HATCH NUCLEAR PLANT, UNIT NO. 1

Two signed originals of the Federal Register Notice identified below are enclosed for your transmittal to the Office of the Federal Register for publication. Additional conformed copies (12) of the Notice are enclosed for your use.

- Notice of Receipt of Application for Construction Permit(s) and Operating License(s).
- Notice of Receipt of Partial Application for Construction Permit(s) and Facility License(s): Time for Submission of Views on Antitrust Matters.
- Notice of Availability of Applicant's Environmental Report.
- Notice of Proposed Issuance of Amendment to Facility Operating License.
- Notice of Receipt of Application for Facility License(s); Notice of Availability of Applicant's Environmental Report; and Notice of Consideration of Issuance of Facility License(s) and Notice of Opportunity for Hearing.
- Notice of Availability of NRC Draft/Final Environmental Statement.
- Notice of Limited Work Authorization.
- Notice of Availability of Safety Evaluation Report.
- Notice of Issuance of Construction Permit(s).
- Notice of Issuance of Facility Operating License(s) or Amendment(s).
- Other: Amendment No. 75. Referenced document has been provided PDR.

Division of Licensing, ORB#4
Office of Nuclear Reactor Regulation

Enclosure:
As Stated

OFFICE →	ORB#4:DL				
SURNAME →	R. Ingram				
DATE →	06/11/80				



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

June 10, 1980

Docket No. 50-321

Mr. William A. Widner
Vice President - Engineering
Georgia Power Company
P. O. Box 4545
Atlanta, Georgia 30302

Dear Mr. Widner:

The Commission has issued Amendment No. 75 to Operating License No. DPR-57 for the Edwin I. Hatch Nuclear Plant, Unit No. 1. The amendment is in response to your request dated January 16, 1980, and conforms the diesel generator fuel oil sampling requirements to current licensing practices. The change makes the sampling requirements for both Hatch Units 1 and 2 identical.

The Hatch Unit 1 specifications as originally issued in 1974 required monthly analyses of diesel fuel oil. Ten separate analyses were involved. Current licensing practices are set forth in NUREG-0123, Rev. 1, "Standard Technical Specifications for General Electric Boiling Water Reactors", require that diesel fuel oil from the fuel storage tank be within limits when checked for viscosity, water and sediment. This surveillance is required at least once every 92 days. This surveillance was included in the Hatch Unit 2 specifications which were issued in 1978.

Based on our review, we have determined that: (1) the diesel fuel services both units, and (2) the performance requirements of the emergency diesel generators are unaffected by the proposed change. Therefore, we find the change to be administrative in nature since it conforms the Unit 1 surveillance requirements to those of Unit 2.

We have evaluated the potential for environmental impact of plant operation in accordance with the enclosed amendment. The amendment applies to administrative details. Therefore, we have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level, and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and pursuant to 10 CFR §51.5(d)(4) that an environmental impact statement, or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of the amendment.

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June 10, 1980

Since the amendment applies only to administrative details, it does not involve significant new safety information of a type not considered by a previous Commission safety review of the facility. It does not involve a significant increase in the probability or consequences of an accident, does not involve a significant decrease in a safety margin, and therefore does not involve a significant hazards consideration. We have also concluded that there is reasonable assurance that the health and safety of the public will not be endangered by this action.

A copy of the Notice of Issuance is also enclosed.

Sincerely,



Robert W. Reid, Chief
Operating Reactors Branch #4
Division of Licensing

Enclosures:

1. Amendment No. 75 to DPR-57
2. Notice of Issuance

cc w/enclosures:

See next page

Mr. William Widner
Georgia Power Company

cc:

G. F. Trowbridge, Esquire
Shaw, Pittman, Potts and Trowbridge
1800 M Street, N. W.
Washington, D. C. 20036

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Vice President
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Southern Services, Inc.
Birmingham, Alabama 35202

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Mr. H. B. Lee, Chairman
Appling County Commissioners
County Courthouse
Baxley, Georgia 31513

Mr. L. T. Gucwa
Georgia Power Company
Engineering Department
P. O. Box 4545
Atlanta, Georgia 30302

Mr. Max Manry
Georgia Power Company
Edwin I. Hatch Plant
P. O. Box 442
Baxley, Georgia 31513

U. S. Environmental Protection
Agency
Region IV Office
ATTN: EIS COORDINATOR
345 Courtland Street, N. E.
Atlanta, Georgia 30308

Appling County Public Library
Parker Street
Baxley, Georgia 31513

Mr. R. F. Rodgers
U. S. Nuclear Regulatory Commission
P. O. Box 710
Baxley, Georgia 31513

Director, Technical Assessment
Division
Office of Radiation Programs (AW 459)
US EPA
Crystal Mall #2
Arlington, Virginia 20460

cc w/enclosure(s) & incoming dtd.:
01/16/80

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



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

GEORGIA POWER COMPANY
OGLETHORPE POWER CORPORATION
MUNICIPAL ELECTRIC ASSOCIATION OF GEORGIA
CITY OF DALTON, GEORGIA

EDWIN I. HATCH NUCLEAR PLANT, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 75
License No. DPR-57

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Georgia Power Company, et al., (the licensee) dated January 16, 1980, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

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2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. DPR-57 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 75, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Robert W. Reid, Chief
Operating Reactors Branch #4
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: June 10, 1980

ATTACHMENT TO LICENSE AMENDMENT NO. 75

FACILITY OPERATING LICENSE NO. DPR-57

DOCKET NO. 50-321

Replace the following pages of the Appendix "A" Technical Specifications with the enclosed pages. The revised page is identified by Amendment number and contains vertical lines indicating the area of change.

Remove

3.9-1*

3.9-2

Insert

3.9-1*

3.9-2

* Overleaf; no changes on the page.

3.9 AUXILIARY ELECTRICAL SYSTEMSApplicability

The Limiting Conditions for Operation apply to the auxiliary electrical power systems.

Objective

The objective of the Limiting Conditions for Operation is to assure an adequate supply of electrical power for operation of those systems required for safety.

SpecificationsA. Requirements For Reactor Startup

The reactor shall not be made critical from the Cold Shutdown Condition unless all of the following conditions are satisfied:

1. Offsite Power Sources

At least two 230 kV offsite transmission lines shall be available and each shall be capable of supplying auxiliary power to the emergency 4160 volt buses (1E, 1F, and 1G) and each shall be capable of supplying power to both startup auxiliary transformers (1C and 1D).

2. Standby AC Power Supply (Diesel Generators 1A, 1B, and 1C)

Three diesel generators (1A, 1B and 1C) shall be operable and capable of supplying power to the emergency 4160 volt buses (1E, 1F, and 1G).

For each diesel generator to be operable and capable of supplying power, the following conditions must be met:

4.9 AUXILIARY ELECTRICAL SYSTEMSApplicability

The Surveillance Requirements apply to the periodic testing requirements of the auxiliary electrical power systems.

Objective

The objective of the Surveillance Requirements is to verify the operability of the auxiliary electrical systems.

SpecificationsA. Auxilliary Electrical Systems Equipment

Tests shall be performed at scheduled intervals as follows to detect deterioration of equipment and to demonstrate that auxiliary electrical systems equipment and components are operable.

1. Offsite Power Sources

(No specific Surveillance Requirement)

2. Standby AC Power Supply (Diesel Generators 1A, 1B, and 1C)

The following periodic tests and surveillance of the standby AC power supply (Diesel Generators 1A, 1B, and 1C) shall be performed:

3.9.A.2. Standby AC Power Supply (Diesel Generators 1A, 1B, and 1C)
(Continued)

- a. Operability
The diesel generator itself and its auxiliaries are operable.
- b. Diesel Battery (125 Volt)
Each 125 volt diesel battery is operable and capable of supplying the required load.
- c. Battery Charger
An operable battery charger is available. Each battery charger shall have adequate capacity to restore its battery to full charge within 24 hours from a discharged condition while carrying the DC load.
- d. Diesel Fuel
There shall be a minimum of 80,000 gallons of acceptable diesel fuel in the diesel fuel storage tanks.

4.9.A.2 Standby AC Power Supply (Diesel Generators 1A, 1B, and 1C)
(Continued)

- a. Operability
Each diesel generator shall be manually started and loaded once each month to demonstrate operational readiness. The test shall continue for at least a one hour period at 50% or greater of rated load. The diesel generator starting time to reach rated voltage and frequency shall be recorded. During the monthly generator test, the starting air compressor shall be checked for operation and for its ability to recharge the air system.
- b. Diesel Battery (125 Volt)
Each 125 volt diesel battery shall be subjected to the same periodic surveillance as the plant batteries in Specification 4.9.A.3.
- c. Battery Charger
Indicators shall be provided to monitor the status of the battery charger supply. This instrumentation shall include indication of output current and output voltage.
- d. Diesel Fuel
Each month the quantity of diesel fuel available in each fuel storage tank shall be measured and recorded.

At least once per 92 days by verifying that a sample of diesel fuel from the fuel storage tank, obtained in accordance with ASTM-D270-65, is within the acceptable limits specified in Table 1 of ASTM D975-74 when checked for viscosity, water and sediment.
- e. Fuel Oil Transfer Pumps
The operation of the diesel fuel oil transfer pumps shall be demonstrated once each month.

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NO. 50-321GEORGIA POWER COMPANY, ET AL.NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY
OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 75 to Facility Operating License No. DPR-57, issued to Georgia Power Company, Oglethorpe Power Corporation, Municipal Electric Association of Georgia, and City of Dalton, Georgia, which revised Technical Specifications for operation of the Edwin I. Hatch Nuclear Plant, Unit No. 1 (the facility) located in Appling County, Georgia. The amendment is effective as of the date of issuance.

The amendment conforms the diesel generator fuel oil sampling requirements to current licensing practices and makes the sampling requirements for both Hatch Units 1 and 2 identical.

The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment was not required since the amendment does not involve a significant hazards consideration.

The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR Section 51.5(d)(4) an environmental impact statement, or negative declaration

and environmental impact appraisal need not be prepared in connection with issuance of this amendment.

For further details with respect to this action, see (1) the application for amendment dated January 16, 1980, (2) Amendment No. 75 to License No. DPR-57, and (3) the Commission's letter to the licensee dated June 10, 1980. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D. C. and at the Appling County Public Library, Parker Street, Baxley, Georgia 31513. A copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland, this 10th day of June, 1980.

FOR THE NUCLEAR REGULATORY COMMISSION



Robert W. Reid, Chief
Operating Reactors Branch #4
Division of Licensing