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REGULATORY DOCKET FILE COPY

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

Dear Mr. Widner:

The Commission has issued the enclosed Amendment No. 80 to Facility Operating License No. DPR-57 for the Edwin I. Hatch Nuclear Plant, Unit No. 1. The amendment consists of a change to the Technical Specifications in response to your application dated October 29, 1980. You were previously notified of this change by telephone on October 29, 1980, and by confirmatory letter dated November 3, 1980.

This amendment revises the operability requirements for the standby service water pump to reflect the availability of an alternate cooling water source to diesel generator 1B.

Copies of the Safety Evaluation and a related Notice of Issuance are enclosed.

Sincerely,

Original signed by
 Robert W. Reid

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

Enclosures:

1. Amendment No. 80
2. Safety Evaluation
3. Notice

cc w/enclosures: See next page

FR NOTICE
 AMENDMENT
 CP 1

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UNITED STATES
 NUCLEAR REGULATORY COMMISSION
 WASHINGTON, D.C. 20555
November 14, 1980

Distribution:
 Docket File
 ORB#4 Rdg
 RIngram

Docket No. **50-321**

Docketing and Service Section
 Office of the Secretary of the Commission

SUBJECT: **HATCH 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. 80**
Referenced documents have been provided PDR

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

Enclosure:
 As Stated

OFFICE →	ORB#4:DL/ru				
SURNAME →	RIngram/cb				
DATE →	11/14/80				



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

November 13, 1980

Docket No. 50-321

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

Dear Mr. Widner:

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This amendment revises the operability requirements for the standby service water pump to reflect the availability of an alternate cooling water source to diesel generator 1B.

Copies of the Safety Evaluation and a related Notice of Issuance are enclosed.

Sincerely,

A handwritten signature in cursive script, appearing to read "Robert W. Reid".

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

Enclosures:

1. Amendment No. 80
2. Safety Evaluation
3. Notice

cc w/enclosures: See next page

Hatch 1
Georgia Power Company

50-321

cc w/enclosure(s):

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

Director, Criteria and Standards
Division
Office of Radiation Programs (ANR-460)
U. S. Environmental Protection Agency
Washington, D. C. 20460

Ruble A. Thomas
Vice President
P. O. Box 2625
Southern Services, Inc.
Birmingham, Alabama 35202

cc w/enclosure(s) & incoming dtd.:
10/29/80

Ozen Batum
P. O. Box 2625
Southern Services, Inc.
Birmingham, Alabama 35202

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

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
Route 1, P. O. Box 279
Baxley, Georgia 31513



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

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

DOCKET NO. 50-321

EDWIN I. HATCH NUCLEAR PLANT, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 80
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 October 29, 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.

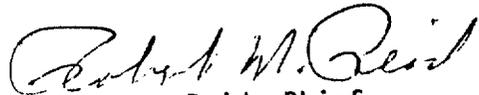
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment and paragraph 2.C.(2) of Facility Operating License No. DPR-57 is hereby amended to read as follows:

Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 80, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This amendment is effective October 29, 1980.

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: November 13, 1980

ATTACHMENT TO LICENSE AMENDMENT NO. 80

FACILITY OPERATING LICENSE NO. DPR-57

DOCKET NO. 50-321

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

Remove

3.5-12

Insert

3.5-12

3.5.J Plant Service Water System

1. Normal Availability

The reactor shall not be made critical from the cold shutdown condition unless the Plant Service Water System (including 4 plant service water pumps and the standby service water pump) is operable.

2. Inoperable Components

- a. The standby service water pump may be inoperable for a period not to exceed 60 days provided that an alternate Unit 1 plant service water cooling source to the 1B diesel generator is OPERABLE.
- b. One PSW pump may be inoperable for a period not to exceed 30 days provided all diesel generators are operable.
- c. One PSW pump and the standby service water pump may be inoperable for a period not to exceed 30 days provided all diesel generators are operable.
- d. Two PSW pumps or one PSW division may be inoperable for a period not to exceed 7 days provided the diesel generators associated with the operable PSW components are operable.

4.5.J Plant Service Water System

1. The automatic pump start functions and automatic isolation functions shall be tested once per operating cycle.

2. Inoperable Components

- a. With the standby service water subsystem inoperable for up to 60 days, provide Unit 1 service water cooling to the 1B diesel generator by verifying OPERABILITY of an alternate Unit 1 service water cooling source within 8 hours. Otherwise, declare the 1B diesel generator inoperable and take the action required by Specification 3.9.B.2.
- b. When one PSW pump is made or found to be inoperable, the standby service water pump, the three remaining PSW pumps, both PSW divisions and all three diesel generators, shall be demonstrated to be operable immediately and weekly thereafter.
- c. When one PSW pump and the standby service water pump are made or found to be inoperable, the three remaining PSW pumps, both PSW divisions, and all three diesel generators, shall be demonstrated to be operable immediately and weekly thereafter.
- d. When two PSW pumps or one PSW division are made or found to be inoperable, the standby service water pump and all active components of the operable division or divisions and the diesel generators associated with the operable PSW components, shall be demonstrated to be operable immediately and daily thereafter.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
SUPPORTING AMENDMENT NO. 80 TO FACILITY OPERATING LICENSE NO. DPR-57

GEORGIA POWER COMPANY

OGLETHORPE POWER CORPORATION

MUNICIPAL ELECTRIC AUTHORITY OF GEORGIA

CITY OF DALTON, GEORGIA

EDWIN I. HATCH NUCLEAR PLANT, UNIT NO. 1

DOCKET NO. 50-321

I. INTRODUCTION

By telecopied letter dated October 29, 1980, Georgia Power Company (licensee) requested a change to the Technical Specifications appended to Facility Operating License No. DPR-57 for the Edwin I. Hatch Nuclear Plant, Unit No. 1. The change involves the operability requirements for the standby service water pump.

The licensee stated that the current specifications for the standby service water pump were (1) overly restrictive, (2) not consistent with the NRC staff approved specifications for Hatch, Unit No. 2 (Docket No. 50-366), and (3) did not specifically cover the situation for inoperability of both a diesel generator and the standby service water pump. Therefore, we conducted an expedited review of the licensee's submittal and authorized, by telephone, an approved change on October 29, 1980. The basis for acceptability of the change is discussed below.

II. EVALUATION

Only one of the Division 1 Primary Service Water (PSW) pumps and one of the Division 2 PSW pumps are required for cooling diesel generators 1A and 1C, respectively, while the standby service water pump provides adequate cooling water to diesel generator 1B. In the event that the standby service water pump is inoperable, the HNP-1 Division 1 - Division 2 intertie supply piping can be aligned to cool the 1B diesel. In this condition, one PSW pump is capable of supplying the cooling requirements for the reactor building cooling system, the control room air conditioners, and the 1A, 1B, and 1C diesel generators. The PSW system can supply all power generation systems at full load and the diesel generators with redundancy if one PSW pump and/or the standby service water pump are inoperable.

A single active failure of a component is required in this condition to cause loss of a diesel generator. This condition is within the envelope of accidents analyzed in the Final Safety Analysis Report. Hence, when the standby service water pump is inoperable and an alternate cooling water source is available for cooling diesel generator 1B, only the limiting conditions for operation due to the loss of the diesel generator need be considered.

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At Hatch diesel 1B has a manual backup water supply available from the Unit No. 1 Division 1 or Division 2 plant service water subsystems so that during a loss of the standby service water pump due to breakdown or maintenance either division of the PSW system can manually be aligned to supply cooling water to the 1B diesel.

Based on the above, we find that the licensee's request to revise the operability requirement to reflect the availability of an alternate cooling water source to diesel generator 1B is acceptable. This action also conforms the Unit No. 1 specifications with those previously reviewed and approved for Unit No. 2.

III. ENVIRONMENTAL CONSIDERATIONS

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 this amendment.

IV. CONCLUSION

We have concluded, based on the considerations discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously considered and does not involve a significant decrease in a safety margin, the amendment does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Dated: November 13, 1980

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. 80 to Facility Operating License No. DPR-57, issued to Georgia Power Company, Oglethorpe Power Corporation, Municipal Electric Authority 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.

This amendment was authorized by phone on October 29, 1980. It revises the Technical Specifications for the Service Water System. This revision changes the operability requirements to reflect the availability of an alternate cooling water source to diesel generator 1B. The amendment was issued on an expedited basis because the existing Technical Specifications (1) were different for Hatch Unit No. 2, (2) did not specifically cover the situation at the Unit and (3) were overly restrictive in view of the lack of a safety issue.

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.

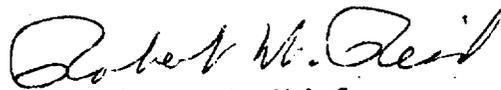
801 1260 205

The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR §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 October 29, 1980; (2) the Commission's letter to the licensee dated November 3, 1980, (3) Amendment No. 80 to License No. DPR-57, and (4) the Commission's related Safety Evaluation. 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), (3) and (4) 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 13th day of November 1980.

FOR THE NUCLEAR REGULATORY COMMISSION



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

NOV 20 1980