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Docket No. 50-366

Mr. William A. 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. 19 to Facility Operating License No. NPF-5 for the Edwin I. Hatch Nuclear Plant, Unit No. 2. The amendment consists of changes to the license and to the Technical Specifications in response to your application dated May 29, 1979.

This amendment revises the Technical Specifications for Fire Protection Systems to reflect the addition of newly installed systems at Hatch Unit No. 2 as required by prior licensing actions.

Copies of the Safety Evaluation and the Notice of Issuance are also enclosed.

Sincerely,

Original signed by
Robert W. Reid

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

Enclosures:

- 1. Amendment No. 19
- 2. Safety Evaluation
- 3. Notice

cc w/enclosures: See next page

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*W.A. Widner
11/12/80*

FR. notice + Amendment

R. J. Goetz

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

DISTRIBUTION:
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November 12, 1980

Docket No. 50-366

Docketing and Service Section
Office of the Secretary of the Commission

SUBJECT: HATCH UNIT 2

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. 19

Referenced documents have been provided PDR

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

Enclosure:
As Stated

OFFICE →	ORB#4: DL RIngram/cb					
SURNAME →						
DATE →	11/13/80					



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

November 12, 1980

Docket No. 50-366

Mr. William A. 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. 19 to Facility Operating License No. NPF-5 for the Edwin I. Hatch Nuclear Plant, Unit No. 2. The amendment consists of changes to the license and to the Technical Specifications in response to your application dated May 29, 1979.

This amendment revises the Technical Specifications for Fire Protection Systems to reflect the addition of newly installed systems at Hatch Unit No. 2 as required by prior licensing actions.

Copies of the Safety Evaluation and the Notice of Issuance are also 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. 19
2. Safety Evaluation
3. Notice

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

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

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

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.:
5/29/79
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 AUTHORITY OF GEORGIA
CITY OF DALTON, GEORGIA

DOCKET NO. 50-366

EDWIN I. HATCH NUCLEAR PLANT, UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 19
License No. NPF-5

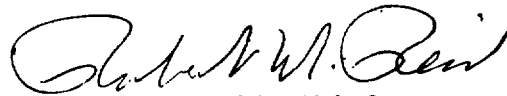
1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Georgia Power Company, et al., (the licensee) dated May 29, 1979, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules 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.

8012010431

2. Accordingly, Facility Operating License No. NPF-5 is hereby amended as follows:
- A. Change the Technical Specifications as indicated in the attachment to this license amendment and revise Paragraph 2.C.(2) to read as follows:
- The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 19, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.
- B. Revise Paragraph 2.C.(3)(b) by adding the following new paragraph:
- Except for the modifications described in the approved fire protection program and approved as a result of Commission review of the Hatch Nuclear Plant Fire Protection Program, Georgia Power Company is authorized to make changes to the Program without prior Commission approval provided that such changes do not result in a decrease in the effectiveness of the Program.

3. This 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: November 12, 1980

ATTACHMENT TO LICENSE AMENDMENT NO. 19

FACILITY OPERATING LICENSE NO. NPF-5

DOCKET NO. 50-366

Replace the following pages of the Appendix "A" Technical Specifications with the enclosed pages as indicated. The revised pages are identified by Amendment number and contain vertical lines indicating the area of change. The corresponding overleaf pages are also provided to maintain document completeness.

Pages

3/4 3-59

3/4 3-60

7-25

7-26

INSTRUMENTATION

FIRE DETECTION INSTRUMENTATION

LIMITING CONDITION FOR OPERATION

3.3.6.8 As a minimum, the fire detection instrumentation for each area shown in Table 3.3.6.8-1 shall be OPERABLE.

APPLICABILITY: Whenever equipment in that area is required to be OPERABLE.

ACTION:

With one or more of the above required fire detection instruments inoperable:

- a. Within 1 hour, establish a fire watch patrol to inspect the area(s) with the inoperable instrument(s) at least once per hour,* and
- b. Restore the inoperable instrument(s) to OPERABLE status within 14 days or, in lieu of any other report required by Specification 6.9.1, prepare and submit a Special Report to the Commission pursuant to Specification 6.9.2 within 30 days outlining the action taken, the cause of the inoperability and the plans and schedule for restoring the instrument(s) to OPERABLE status.
- c. The provisions of Specification 3.0.3 and 3.0.4 are not applicable.

SURVEILLANCE REQUIREMENTS

4.3.6.8.1 Each of the above required fire detection instruments shall be demonstrated OPERABLE at least once per 6 months by performance of a CHANNEL FUNCTIONAL TEST. All portions of a channel inside the primary containment may be excluded from the CHANNEL FUNCTIONAL TEST. For such instruments, a complete CHANNEL FUNCTIONAL TEST shall be performed at each scheduled outage greater than 72 hours during which entry is made into the primary containment, if not performed within the previous 6 months.

4.3.6.8.2 The circuitry supervision associated with the detector alarms shall be demonstrated operable at least once per 62 days for all NFPA Code 72D Class B supervised circuits.

4.3.6.8.3 The primary containment temperature in the drywell shall be checked at least once per hour for any abnormal indications whenever fire detection instrumentation in that area is declared inoperable.

*This ACTION is not applicable for fire detection instrumentation located inside the primary containment. The surveillance required by Specification 4.3.6.8.3 shall be performed.

TABLE 3.3.6.8-1

FIRE DETECTION INSTRUMENTATION

<u>AREA</u>	<u>NUMBER OF DETECTORS</u>	<u>MINIMUM OPERABLE DETECTORS</u>
Control Building, E. 112'-0"		
Station Battery Room 2A	2	1
Station Battery Room 2B	2	1
Corridor and Work Area	9	4
Control Building, E1. 130'-0"		
Switchgear Rooms, 2A, 2B, 2C, 2D and Transformer Room	5	1 per room
Corridor	6	3
RPS Vertical Cableway	2	1
East Cableway	14	7
Diesel Generator Building		
Switchgear Room 2E	4	2
Switchgear Room 2F	4	2
Switchgear Room 2G	4	2
Battery Room 2A	1	1
Battery Room 2C	1	1
Reactor Building, E1. 130'-0"		
North Cable Tray Area, Remote Shutdown Area, and North CRD Area	38	19
South Cable Tray Area and South CRD Area	35	17
Reactor Building, E1. 158'-0"		
HVAC Room	23	11
Drywell		
Recirculation Pump A Area	1	1
Recirculation Pump B Area	1	1
Div. 1 Control & Power Cable Tray Area	1	1
Div. 2 Control & Power Cable Tray Area	1	1
Div. 1 CRD Cable Tray Area	1	1
Div. 2 CRD Cable Tray Area	1	1

PLANT SYSTEMS

SPRINKLER SYSTEMS

LIMITING CONDITION FOR OPERATION

3.7.6.2 The following sprinkler systems shall be OPERABLE:

- Turbine lube oil storage
- Turbine lube oil reservoir
- RCIC room
- HPCI room
- West cableway
- East cableway
- Recirculation pump motor generator room
- Cable spreading room
- RPS vertical cableway
- Control Building Corridor (El. 130')
- Drywell (recirculation pumps)
- Reactor Building HVAC room

APPLICABILITY: Whenever equipment in the sprinkler protected areas is required to be OPERABLE.

ACTION:

- a. With one or more of the above required sprinkler systems inoperable, establish a continuous fire watch with backup fire suppression equipment for the unprotected area(s) within 1 hour, provided radiation levels permit personnel access; restore the system to OPERABLE status within 14 days or, in lieu of any other report required by Specification 6.9.1, prepare and submit a Special Report to the Commission pursuant to Specification 6.9.2 within the next 30 days outlining the action taken, the cause of the inoperability and the plans and schedule for restoring the system to OPERABLE status.
- b. The provisions of Specification 3.0.3 and 3.0.4 are not applicable.

PLANT SYSTEMS

SPRINKLER SYSTEMS

SURVEILLANCE REQUIREMENTS

4.7.6.2 Each of the above required sprinkler systems shall be demonstrated OPERABLE:

- a. At least once per 12 months by performing a system functional test which includes simulated automatic actuation of the system and verifying that the automatic sprinkler valves in the flow path actuate to their correct positions. Deluge system valves will be checked for auto actuation but will not be tripped through a complete cycle.
- b. At least once per 18 months:
 1. By inspection of the spray headers to verify their integrity, and
 2. By a visual inspection of each nozzle's spray area to verify spray pattern is not obstructed.
- c. At least once per 3 years by performing an air flow test through each open head sprinkler header and verifying each open head sprinkler nozzle is unobstructed.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 19 TO FACILITY OPERATING LICENSE NO. NPF-5

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

EDWIN I. HATCH NUCLEAR PLANT, UNIT NO. 2

DOCKET NO. 50-366

I. INTRODUCTION

Facility Operating License No. NPF-5 for the Edwin I. Hatch Nuclear Plant, Unit No. 2, issued on June 13, 1978, contained a License Condition related to Fire Protection. The substance of the Condition is that the licensee will maintain in effect a Fire Protection Program and will complete all modifications before the end of the first refueling outage on Hatch Unit No. 2.

On October 4, 1978, we issued our Fire Protection Safety Evaluation Report for Hatch Units Nos. 1 and 2 which supported Amendment No. 60 to DPR-57 for Hatch Unit No. 1 (Docket No. 50-321). Our Evaluation, which is incorporated herein by reference, did not contain any open items requiring resolution.

By letter dated May 29, 1979, the licensee proposed modification to the Technical Specifications (TSs) related to Fire Protection for both Hatch Units Nos. 1 and 2 to reflect the addition of newly installed systems as required by prior licensing actions. Staff action related to Hatch Unit No. 1 was completed by issuance of Amendment No. 68 to DPR-57 on July 31, 1979.

II. EVALUATION

We have reviewed the licensee's submittal and determined that the proposed addition of certain fire detectors and suppression systems to the Limiting Conditions for Operation include all necessary items contained in our Fire Protection Evaluation and are acceptable. The proposed changes to the Surveillance Requirements are limited to wording of a suppression system functional test to clarify those actions necessary to demonstrate operability. These are also acceptable. During our review we recommended to the licensee further clarification of surveillance requirements to more accurately describe the visual inspections of spray headers and nozzle spray areas. He agreed. Therefore this amendment would add operability requirements for previously reviewed and approved systems.

During our review, we also reviewed the existing license condition which requires the licensee to maintain in effect an approved Fire Protection Program. The wording of this condition would preclude flexibility for the licensee to make changes, although such changes would enhance the program. We suggested to the licensee that this wording be modified to provide this flexibility. He agreed. Therefore,

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the amendment supported by this evaluation adds the following provision:

"Except for the modifications described in the approved Fire Protection Program and approved as a result of Commission review of the Hatch Nuclear Plant Fire Protection Program, Georgia Power Company is authorized to make changes to the Program without prior Commission approval provided that such changes do not result in a decrease in the effectiveness of the Program."

Based on the discussion above, the licensee's submittal, as modified by the NRC staff and agreed to by the licensee, is acceptable.

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 12, 1980

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NO. 50-366GEORGIA 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. 19 to Facility Operating License No. NPF-5, issued to Georgia Power Company, Oglethorpe Power Corporation, Municipal Electric Authority of Georgia, and City of Dalton, Georgia, which revised the license and Technical Specifications for operation of the Edwin I. Hatch Nuclear Plant Unit No. 2 (the facility) located in Appling County, Georgia. The amendment is effective as of its date of issuance.

This amendment revises the Technical Specifications for Fire Protection Systems to reflect the addition of newly installed systems at Hatch Unit No. 2 as required by prior licensing actions. This amendment also modifies the existing Fire Protection Program license condition to provide Georgia Power Company with the flexibility of making changes to the Program without prior Commission approval provided that such changes do not decrease the effectiveness of the Program.

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.

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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 May 29, 1979, (2) Amendment No. 19 to License No. NPF-5, and (3) 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) 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 12th day of November 1980.

FOR THE NUCLEAR REGULATORY COMMISSION



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