

7/31/79

Docket No. 50-321

Mr. Charles F. Whitmer  
Vice President - Engineering  
Georgia Power Company  
P. O. Box 4545  
Atlanta, Georgia 30302

**REGULATORY DOCKET FILE COPY**

Dear Mr. Whitmer:

The Commission has issued Amendment No. <sup>68</sup> to Operating License No. DPR-57 for the Edwin I. Hatch Nuclear Plant Unit No. 1. The amendment consists of changes to the Technical Specifications for Fire Protection Systems. These changes reflect the addition of newly installed systems at Hatch Unit No. 1 as required by Amendment No. 60, dated October 4, 1978. The amendment is in partial response to your application dated May 29, 1979. The remainder of your application, that pertaining to Hatch Unit No. 2, will be processed at a future time to coincide with the schedule for completion of those modifications.

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. This amendment required that all modifications on Hatch Unit No. 1 be completed prior to the end of the third refueling outage. Our Safety Evaluation did not contain any open items requiring resolution.

We have reviewed your 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. Your proposed changes to the Surveillance Requirements are limited to wording of a suppression system functional test to clarify those actions necessary to demonstrate operability and are also acceptable. During our review we recommended to members of your staff further clarification of surveillance requirements to more accurately describe the visual inspections of spray headers and nozzle spray areas. They agreed. Therefore the attached amendment is an administrative action implementing a previously reviewed and approved action.

We have evaluated the potential for environmental impact of plant operation in accordance with the enclosed amendment. 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 Section 51.5(d)(4) that an environmental impact statement, negative declaration or environmental impact appraisal need not be prepared in connection with the issuance of the amendment.

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OFFICE	Statement, negative declaration or environmental impact appraisal need not be prepared in connection with the issuance of the amendment.		
SURNAME			
DATE			

Mr. Charles F. Whitmer

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Since the amendment is an administrative action, 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 a related Notice of Issuance is also enclosed.

Sincerely,

Original signed by

Thomas A. Ippolito, Chief  
Operating Reactors Branch #3  
Division of Operating Reactors

Enclosures:

- 1. Amendment No. 68 to DPR-57
- 2. Notice

cc w/enclosures:  
see next page

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DATE →	7/17/79	7/18/79	7/19/79	7/18/79	7/19/79	7/20/79

Mr. Charles F. Whitmer  
Georgia Power Company

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July 31, 1979

cc:

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

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Appling County Commissioners  
County Courthouse  
Baxley, Georgia 31513

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

GEORGIA POWER COMPANY  
OGLETHORPE ELECTRIC MEMBERSHIP CORPORATION  
MUNICIPAL ELECTRIC ASSOCIATION 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. 68  
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 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.

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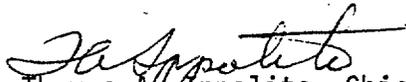
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. DPR-57 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 68, 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

  
Thomas A. Appolito, Chief  
Operating Reactors Branch #3  
Division of Operating Reactors

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: July 31, 1979

ATTACHMENT TO LICENSE AMENDMENT NO. 68

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 pages are identified by amendment number and contain vertical lines indicating the area of change.

Remove

3.13-2  
3.13-5  
3.13-6

Insert

3.13-2  
3.13-5  
3.13-6

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TABLE 3.13-1

FIRE DETECTORS

<u>BUILDING</u>	<u>NUMBER OF DETECTORS</u>	<u>MINIMUM OPERABLE DETECTORS REQUIRED</u>
A.1 Control Building El. 112'-0"		
1.1 Station Battery Room 1A	2	1
1.2 Station Battery Room 1B	2	1
1.3 Corridor and Work Area	15	7
1.4 RPS Vertical Cableway	4	2
A.2 Control Building El. 130'-0"		
2.1 Switchgear Rooms 1A, 1B, 1E, 1F, and Transformer Room	8	(1 in each room or 5)
2.2 Corridor	7	3
2.3 RPS Vertical Cableway	2	1
2.4 East Cableway	15	7
A.3 Control Building El. 147'-0"		
3.1 Switchgear & MCC Area N.W. Corner	7	3
3.2 Switchgear & MCC Area N.E. Corner	4	2
3.3 Cable Spreading Room	50	25
A.4 Control Building El. 164'-0"		
4.1 Control Room Unit 1	21	10
4.2 Control Room Unit 2	15	7
4.3 Peripheral Rooms	10	5
B.1 Diesel Generator Building		
1.1 Switchgear Room 1E	4	2
1.2 Switchgear Room 1F	4	2
1.3 Switchgear Room 1G	4	2
1.4 Battery Room 1A	1	1
1.5 Battery Room 1B	1	1
1.6 Battery Room 1C	1	1
C.1 River Intake Structure		
1.1 Building Area	11	5
D.1 Reactor Building El. 130'-0"		
1.1 North Cable Tray Area, Remote Shutdown Area, and North CRD Area	33	16
1.2 South Cable Tray and South CRD Area	35	17
D.2 Reactor Building El. 158'-0"		
2.1 HVAC Room	20	10

3/4.13 FIRE PROTECTION SYSTEMS

3/4.13.3 SPRAY AND/OR SPRINKLER SYSTEMS

LIMITING CONDITIONS FOR OPERATION

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3.13.3 The following spray and/or sprinkler systems located in the following areas shall be OPERABLE:

- a. Turbine Lube Oil Storage
- b. Turbine Lube Oil Reservoir
- c. RCIC Room
- d. HPCI Room
- e. Recirculation Pump Motor Generator Room
- f. East Cableway
- g. Cable Spreading Room
- h. RPS Vertical Cableway
- i. Control Building Corridor (E1.130')
- j. Intake Structure
- k. Reactor Building HVAC Room

APPLICABILITY: At all times when equipment in the area is required to be OPERABLE.

ACTION:

- a. With a spray and/or sprinkler system 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.
- b. Restore the system to OPERABLE status within 14 days or prepare and submit a Special Report to the Commission within the next 30 days outlining the cause of inoperability and the plans for restoring the system to OPERABLE status.

3/4.13 FIRE PROTECTION SYSTEMS

3/4.13.3 SPRAY AND/OR SPRINKLER SYSTEMS

SURVEILLANCE REQUIREMENTS

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4.13.3 The spray and/or sprinkler systems shall be demonstrated to be OPERABLE:

- a. At least once per 12 months by performing a system functional test which includes simulated automatic actuation of the system and verify that the automatic sprinkler valves in the flow path actuate to their correct position. 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 a visual inspection of spray headers to verify their integrity.
  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 spray/sprinkler header and verifying each open head spray/sprinkler nozzle is unobstructed.

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. 68 to Facility Operating License No. DPR-57 issued to Georgia Power Company, Oglethorpe Electric Membership 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 consists of changes to the Fire Protection Systems to reflect the addition of newly installed systems as required by Amendment No. 60 dated October 4, 1978.

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.

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For further details with respect to this action, see (1) the application for amendment dated May 29, 1979, (2) Amendment No. 68 to License No. DPR-57, and (3) the Commission's letter dated July 31, 1979. 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 Library, Parker Street, Baxley, Georgia 31513. A copy of item (2) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Operating Reactors.

Dated at Bethesda, Maryland, this 31st day of July 1979.

FOR THE NUCLEAR REGULATORY COMMISSION

  
Thomas A. Ippolito, Chief  
Operating Reactors Branch #3  
Division of Operating Reactors