

APRIL 08 1981

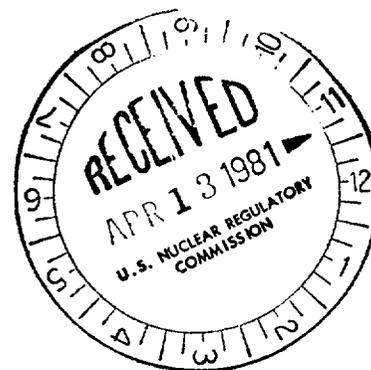
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Docket No. 50-321



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. 82 to Facility Operating License No. DPR-57 for the Edwin I. Hatch Nuclear Plant, Unit 1, in response to your submittal of April 2, 1981. The amendment revises the Technical Specifications (TSs) as they relate to diesel generator (DG) operability.

The existing Hatch Unit 1 DG operability TS requires two DGs to be operable in all modes of reactor operation. You requested that only one DG remain operable when the Hatch Unit 1 reactor vessel is completely defueled. No Engineered Safety Features, except the Standby Gas Treatment System (SGTS), would be required by the TS with Unit 1 defueled. The SGTS must be maintained operable because the secondary containment is shared between Units 1 and 2. A single Unit 1 DG is sufficient for the Unit 1 SGTS, for if Unit 2 is operating, both of its DGs would be available in the event of a Loss of Coolant Accident on Unit 2, with concurrent loss of offsite power. In addition, the proposed TS change requires that the single operable Unit 1 DG remain aligned to supply power to the spent fuel pool cooling system in the event of a loss of offsite power; this change provides an increase in the reliability of the spent fuel pool cooling system. We find the change acceptable for the reasons given above.

We have determined that the amendment does not involve 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 or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

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 con-

OFFICE					
SURNAME					
DATE	P	8104150449			

Mr. William Widner

-2-

ducted 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.

A copy of a related Notice of Issuance is also enclosed.

Sincerely,

Original signed by

John F. Stolz, Chief  
Operating Reactors Branch #4  
Division of Licensing

Enclosures:

- 1. Amendment No. 82 to DPR-57
- 2. Notice

cc w/enclosures:  
See next page

OFFICE ▶	ORB#4:DL	ORB#4:DL	C-ORB#4:DL	AD-OR:DL	OELD		
SURNAME ▶	RIngram/cb	MFairtile	JStolz	TNovak	<i>[Signature]</i>		
DATE ▶	4/6/81	4/6/81	4/6/81	4/8/81	4/6/81		

*conveys to former of notice of amendment*



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

April 8, 1981

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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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 con-

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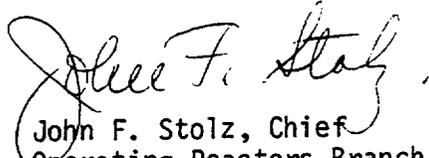
Mr. William Widner

-2-

ducted 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.

A copy of a related Notice of Issuance is also enclosed.

Sincerely,

A handwritten signature in cursive script, appearing to read "John F. Stolz".

John F. Stolz, Chief  
Operating Reactors Branch #4  
Division of Licensing

Enclosures:

1. Amendment No. 82 to DPR-57
2. Notice

cc w/enclosures:  
See next page

Hatch 1/2  
Georgia Power Company

50-321/366

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.:  
4/2/81

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

Charles H. Badger  
Office of Planning and Budget  
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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  
301 City Hall Drive  
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. 82  
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 April 2, 1981, 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:

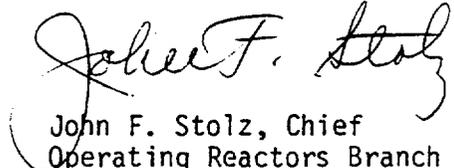
(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 82, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

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

FOR THE NUCLEAR REGULATORY COMMISSION

  
John F. Stolz, Chief  
Operating Reactors Branch #4  
Division of Licensing

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: April 8, 1981

ATTACHMENT TO LICENSE AMENDMENT NO. 82

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

3.9-6

3.9-6a

Insert

3.9-6

3.9-6a

3.9.B.3. One 125/250 Volt DC Power System (Plant Battery 1A or 1B) Inoperable (Continued)

and the increased Surveillance Requirements as stated in Specification 4.9.B.3 are implemented.

4. Emergency 4160 Volt Buses (1E, 1F, or 1G) Inoperable

One of the emergency 4160 volt buses (1E, 1F, or 1G) may be inoperable for a period not to exceed seven (7) consecutive days providing the other two emergency 4160 volt buses and associated ECCS equipment are operable.

5. Emergency 600 Volt Buses (1C or 1D) Inoperable

One of the emergency 600 volt buses (1C or 1D) may be inoperable for a period not to exceed seven (7) days providing the other 600 volt bus is operable.

6. Emergency 250 Volt DC to 600 Volt AC Inverters

One of the emergency 250 volt DC to 600 volt AC inverters may be inoperable for a period not to exceed seven (7) consecutive days providing the other inverter is operable.

C. Diesel Generator Requirements (Reactor in the Shutdown or Refuel Mode)\*

Whenever the reactor is in either the Shutdown or Refuel Mode, a minimum of two diesel generators shall be operable whenever:

\*This specification is not applicable when fuel is not in the reactor pressure vessel; however, one diesel generator shall be operable and aligned to supply power as follows:

- a. To provide fuel pool cooling capability; and
- b. To provide power for one train of SGTS when secondary containment is required.

LIMITING CONDITIONS FOR OPERATIONSURVEILLANCE REQUIREMENTSC. Diesel Generator Requirements (Reactor in the Shutdown or Refuel Mode)  
(Continued)

1. Work is being done which has the potential for draining the reactor pressure vessel, or
2. Secondary containment is required, or
3. A core or containment cooling system is required.

D. Electric Power Monitoring for the Reactor Protection SystemSpecifications:

1. When either of the RPS MG sets or the Alternate Source is in service, its power monitoring system shall be OPERABLE.
  - (a) If the power monitoring system is not OPERABLE and Operability cannot be restored within 30 minutes of discovery, remove the power supply from service immediately thereafter.
  - (b) One channel of a power monitoring system may be inoperable, as necessary for test or maintenance, not to exceed 8 hours per month.

4.9.D Electric Power Monitoring for Reactor Protection System

## Specifications:

1. The Electric Power Monitoring for the Reactor Protection System shall be demonstrated operable:
  - (a) At least once per 6 months by performing a FUNCTIONAL TEST,
  - (b) At least once per operating cycle by demonstrating the OPERABILITY of under-voltage, over-voltage and under-frequency protective instrumentation by performance of a CHANNEL CALIBRATION including simulated automatic actuation of the protective relays, tripping logic and output circuit breakers and verifying the following setpoints:
    - (1) Over-voltage  $\leq 132$  VAC,
    - (2) Under-voltage  $\geq 108$  VAC, with time delay relay set to zero\*
    - (3) Under-frequency  $\geq 57$  Hz, with time delay relay set to zero\*

\*Pending NRC approval of different value.

UNITED STATES NUCLEAR REGULATORY COMMISSION

7590-01

DOCKET NO. 50-321

GEORGIA 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. 82 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. The amendment is effective as of its date of issuance.

The amendment revises the Technical Specifications as they relate to diesel generator operability to relieve the licensee of the necessity to maintain two diesels operable when the fuel has been removed from the reactor vessel.

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.

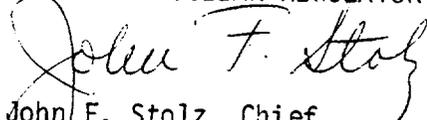
The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4), and environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of this amendment.

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For further details with respect to this action, see (1) the application for amendment dated April 2, 1981, (2) Amendment No. 82 to License No. DPR-57, and (3) the Commission's letter to Georgia Power Company dated April 8, 1981. 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, 301 City Hall Drive, 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 8th day of April 1981.

FOR THIS NUCLEAR REGULATORY COMMISSION

  
John F. Stolz, Chief  
Operating Reactors Branch #4  
Division of Licensing