

OCTOBER 13 1978

Docket No. 50-366

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

Dear Mr. Whitmer:

The Commission has issued the enclosed Amendment No. 2 to Facility License No. NPF-5 for the Edwin I. Hatch Nuclear Plant Unit No. 2. This amendment consists of changes to the Technical Specifications in response to your request dated October 4, 1978.

This amendment modifies the Technical Specifications to provide for a one-time, temporary revision which would delete the Limiting Condition for Operation (LCO) on Primary Containment Internal Pressure to permit conduct of a test as part of the HNP-2 initial startup test program. As discussed in our safety evaluation, we have determined that the exception you have requested is not significant to safety. However, we do not believe that the testing program that you have described to us will provide the information necessary to resolve the issue of threshold temperatures for ramshead discharge devices. As indicated in the past, this is the primary concern for the long-term use of the ramshead.

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

Sincerely,

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

Enclosures:

1. Amendment No. 2 to NPF-5
2. Safety Evaluation
3. Notice

cc w/enclosures: See next page

*SEE PREVIOUS YELLOW FOR CONCURRENCES

OFFICE →	ORB #3	ORB #3	OELD	ORB #3	STSG/DOR	SYB
SURNAME →	*SSheppard	*DVerrelli	B. J. [unclear]	T. Ippolito	*	G. Lainas
DATE →	10/6/78	10/6/78	10/13/78	10/13/78	10/6/78	10/11/78

Distribution

- Docket
- ORB #3
- Local PDR
- NRC PDR
- VStello
- BGrimes
- SSheppard
- DVerrelli
- OELD
- OI&E (5)
- BJones (4)
- BScharf (10)
- JMcGough
- DEisenhut
- ACRS (16)
- CMiles
- DRoss
- RDiggs
- TERA
- JRBuchanan
- File
- Extra copies
- C. Grimes
- GLainas

OK [unclear] 10/13/78
Test will vary water level in pipe. Change potential at least understand that point temperature may well be more important.

10/13/78
Disputed by [unclear]
Approved by [unclear]
60

Docket No. 50-366

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

Dear Mr. Whitmer:

The Commission has issued the enclosed Amendment No. 2 to Facility License No. NPF-5 for the Edwin I. Hatch Nuclear Plant Unit No. 2. This amendment consists of changes to the Technical Specifications in response to your request dated October 4, 1978.

This amendment modifies the Technical Specifications to provide for a one-time, temporary revision which would delete the Limiting Condition for Operation (LCO) on Primary Containment Internal Pressure to permit conduct of a test as part of the HNP-2 initial startup test program.

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

Sincerely,

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

Enclosures:

1. Amendment No. 2 to NPF-5
2. Safety Evaluation
3. Notice

cc w/enclosures:
see next page

DISTRIBUTION:

Docket	DRoss
NRC PDR	RDiggs
Local PDR	TERA
ORB#3 Rdg	JRBuchanan
VStello	File
BGrimes	Xtra Copies
SSheppard	C. Grimes
DVerrelli	
OELD	
OI&E (5)	
BJones (4)	
BScharf (15)	
JMcGough	
DEisenhut	
ACRS (16)	
CMiles	

OFFICE →	ORB#3	ORB#3 <i>dmv</i>	OELD	ORB#3	STSG/DOR	PSYB
SURNAME →	SSheppard	DVerrelli:acr		TIppolito	<i>B</i>	GLainas
DATE →	10/ 6 /78	10/ 6 /78	10/ /78	10/ /78	10/ 6 /78	10/ /78

Georgia Power Company
Oglethorpe Electric Membership Corporation
Municipal Electric Association of Georgia
City of Dalton, Georgia

- 2 -

cc:

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

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

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

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

Mr. Harry Majors
Southern Services, Inc.
300 Office Park
Birmingham, Alabama 35202

Appling County Public Library
Parker Street
Baxley, Georgia 31513

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. C. T. Moore
Georgia Power Company
Power Generation Department
P. O. Box 4545
Atlanta, Georgia 30302

Chief, Energy Systems Analysis Branch (AW-459)
Office of Radiation Programs
U. S. Environmental Protection Agency
Room 645, East Tower
401 M Street, S. W.
Washington, D. C. 20460



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. 50-366

EDWIN I. HATCH NUCLEAR PLANT UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 2
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 October 4, 1978, 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. NPF-5 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 2, 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

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

Attachment:
Changes to the Technical
Specifications

Date of Issuance: OCTOBER 13 1978

ATTACHMENT TO LICENSE AMENDMENT NO. 2

FACILITY OPERATING LICENSE NO. NPF-5

DOCKET NO. 50-366

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. Overleaf pages are provided for your convenience.

Remove

3/4 6-9
3/4 6-10

Insert

3/4 6-9
3/4 6-10

CONTAINMENT SYSTEMS

PRIMARY CONTAINMENT INTERNAL PRESSURE

LIMITING CONDITION FOR OPERATION

3.6.1.6 Primary containment internal pressure shall not exceed 0.75 psig.*

APPLICABILITY: CONDITIONS 1, 2 and 3.

ACTION:

With the primary containment internal pressure in excess of the specified limit, restore the internal pressure to within the limit within 1 hour or be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours.

SURVEILLANCE REQUIREMENTS

4.6.1.6 The primary containment internal pressure shall be determined to be less than or equal to 0.75 psig at least once per 12 hours.

*Except when performing the test required by Specification 4.6.4.1.b or the Special Startup Test authorized by Amendment No. 2.

CONTAINMENT SYSTEMS

DRYWELL AVERAGE AIR TEMPERATURE

LIMITING CONDITION FOR OPERATION

3.6.1.7 Drywell average air temperature shall not exceed 135°F.

APPLICABILITY: CONDITIONS 1, 2 and 3.

ACTION:

With the drywell average air temperature > 135°F, reduce the average air temperature to within the limit with 8 hours or be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours.

SURVEILLANCE REQUIREMENTS

4.6.1.7 The drywell average air temperature shall be the volumetric average of the temperatures at the following drywell elevations and shall be determined to be within the limit at least once per 24 hours:

<u>Elevation</u>	<u>Azimuth</u>
a. 128-130 feet	115° or 255° or 315° or 320°
b. 162 feet	90° or 270°
c. 175 feet	90° or 270°
d. 187 feet	90° or 270°



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
SUPPORTING AMENDMENT NO. 2 TO FACILITY OPERATING LICENSE NO. NPF-5

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

EDWIN I. HATCH NUCLEAR PLANT UNIT NO. 2

DOCKET NO. 50-366

Introduction

By letter dated October 4, 1978, Georgia Power Company (the licensee) proposed a change to the Technical Specifications appended to Operating License No. NPF-5 for the Edwin I. Hatch Nuclear Plant Unit No. 2 (HNP-2). The change would provide for a one-time, temporary revision which would delete the Limiting Condition for Operation (LCO) on Primary Containment Internal Pressure to permit conduct of a test as part of the HNP-2 initial startup test program.

Evaluation

The purpose of the LCO on the maximum primary containment internal pressure of 0.75 psig is to ensure that the containment peak pressure will not exceed the design limit during Loss-of-Coolant-Accident conditions. This restriction, in conjunction with limits on leakage paths and rates assumed in the accident analysis, will limit the site boundary radiation doses to within the limits of 10 CFR Part 100 during accident conditions.

The licensee proposed that for purpose of conducting the Safety Relief Valve Discharge Capacity Startup Test, operation above the 0.75 psig limit temporarily is justified. His justification included the following bases:

1. Operation with a drywell pressure of 1.5 psig and a wetwell pressure of 0 psig is the same as operation of both drywell and wetwell at 0.75 psig since both conditions contain the same initial starting energy of the primary containment system.

2. Operation above the 0.75 psig limit is expected to last less than 72 hours;
3. The test data would support the Commission's Mark I Long Term Program; and
4. Reactor power level would be less than 55% during the period which pressure is in excess of 0.75 psig.

We have reviewed the licensee's request and agree that the Temporary Technical Specification change does not significantly affect safety. The staff has independently determined that the peak containment pressure response as a function of initial conditions is relatively insensitive over the range of 0.7 to 2.0 psig (2.0 psig is the setpoint for ECCS actuation). We find this adequate support for relaxation of the LCO for primary containment pressure and the proposed temporary change is acceptable.

Environmental Considerations

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.

Conclusions

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: October 13, 1978

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NO. 50-366GEORGIA POWER COMPANY, ET ALNOTICE OF ISSUANCE OF AMENDMENT TO FACILITY
OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 2 to Facility Operating License No. NPF-5 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. 2, located in Appling County, Georgia. The amendment is effective as of its date of issuance.

This amendment modifies the Technical Specifications to provide for a one-time, temporary revision which would delete the Limiting Condition for Operation (LCO) on Primary Containment Internal Pressure to permit conduct of a test as part of the HNP-2 initial startup test 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.

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 the issuance of this amendment.

For further details with respect to this action, see (1) the application for amendment dated October 4, 1978, (2) Amendment No. 2 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 Operating Reactors.

Dated at Bethesda, Maryland this 13 day of October 1978.

FOR THE NUCLEAR REGULATORY COMMISSION


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