

REGULATORY ROCKET FILE COPY

AUGUST 29 1979

Docket No. 50-321

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

Dear Mr. Whitmer:

Distribution

✓ Docket	WRussell
ORB #3	BJones (4)
NRR Reading	BScharf (10)
Local PDR	STSG
NRC PDR	ACRS (16)
HDenton	OPA (CMiles)
DEisenhut	RDiggs
WGammill	TERA
LShao	JRBuchanan
BGrimes	
JMiller	
RVollmer	
Atty, OELD	
Tippolito	
DVerrelli	
PKreutzer	
OI&E (5)	
TJCarter	

The Commission has issued Amendment No. 71 to Facility Operating License No. DPR-57 for the Edwin I. Hatch Nuclear Plant Unit No. 1. The amendment consists of changes to the Technical Specifications by adding Limiting Conditions for Operation and Surveillance Requirements for the Tail Pipe Pressure Switches installed on the Relief-Safety Valves. The amendment is in response to your application dated July 13, 1979.

During the review of your application for an Operating License for Hatch No. 2 (Docket No. 50-366) you agreed to install Tail Pipe Pressure Switches on each of the relief/safety valves for Hatch Unit No. 1 and to propose Technical Specifications for this system. We have reviewed your application dated July 13, 1979 and have determined that: (1) the proposed Technical Specifications are identical to those issued with Operating License No. NPF-5 for Hatch 2, and (2) the addition of these specifications will enhance safety by imposing functional capability limits and requiring periodic testing of a system designed to provide indication of relief valve position. Therefore, we have determined that the amendment is an administrative action which implements a commitment which was previously reviewed and approved by the Commission.

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 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.

7910010317

60

OFFICE	The amendment does not involve significant new safety information of a type not considered by a previous Commission safety review of the facility.		
SURNAME	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.		
DATE			

Mr. Charles F. Whitmer

- 2 -

AUGUST 29 1979

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

T. A. Ippolito

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

Enclosures:

- 1. Amendment No. 71 to DPR-57
- 2. Notice

cc w/enclosures:

See next page

OFFICE	ORB #3	ORB #3 <i>mi</i>	AD:ORB	QELD	ORB #3	OSB
SURNAME	<i>ank</i> Kreutzer	DVerrelli:mjf	WGamm	<i>B. Smith</i>	TIPOLITO	LINAS
DATE	8/16/79	8/16/79	8/21/79	8/21/79	8/21/79	8/20/79

Mr. Charles F. Whitmer
Georgia Power Company

- 3 -

August 29, 1979

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

Mr. Harry Majors
Southern Services, Inc.
300 Office Park
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. William Widner
Georgia Power Company
Power Generation 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



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. 71
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 July 13, 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.

7910010 319

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. 71, 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. Ippolito, Chief
Operating Reactors Branch #3
Division of Operating Reactors

Attachment:
Changes to the Technical
Specifications

Date of Issuance: August 29, 1979

ATTACHMENT TO LICENSE AMENDMENT NO. 71

FACILITY OPERATING LICENSE NO. DPR-57

DOCKET NO. 50-321

Replace the following page 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

3.6-9

--

Insert

3.6-9

3.6-9a

3.6.H. Relief/Safety Valves

1. When more than one relief/safety valve is known to be failed an orderly shutdown shall be initiated and the reactor depressurized to less than 113 psig within 24 hours. Prior to reactor startup from a cold condition all relief/safety valves shall be operable.
2. With one or more relief/safety valve(s) stuck open, place the reactor mode switch in the shutdown position.
3. With one or more relief/safety valve tail pipe pressure switches inoperable and the associated relief/safety valve(s) otherwise indicated to be open, place the reactor mode switch in the shutdown position.

4.6.H. Relief/Safety Valves1. End of Operating Cycle

Approximately one-half of all relief/safety valves shall be benchchecked or replaced with a benchchecked valve each re-fueling outage. All 11 valves will have been checked or replaced upon the completion of every second operating cycle.

2. Each Operating Cycle

Once during each operating cycle, at a reactor pressure >100 psig each relief valve shall be manually opened until thermocouples downstream of the valve indicate steam is flowing from the valve.

3. Integrity of Relief Valve Bellows*

The integrity of the relief valve bellows shall be continuously monitored and the pressure switch calibrated once per operating cycle and the accumulators and air piping shall be inspected for leakage once per operating cycle.

4. Relief Valve Maintenance

At least one relief valve shall be disassembled and inspected each operating cycle.

5. Operability of Tail Pipe Pressure Switches

The tail pipe pressure switch of each relief/safety valve shall be demonstrated operable by performance of a:

a. Functional Test:

1. At least once per 31 days, except that all portions of instrumentation inside the primary containment may be excluded from the functional test, and

*Does not apply to two-stage Target Rock SRVs

4.6.H. Relief/Safety Valves (Continued)

5. Operability of Tail Pipe Pressure Switches

a. Functional Test:

2. At each scheduled outage greater than 72 hours during which entry is made into the primary containment, if not performed within the previous 31 days.

- b. Calibration and verifying the setpoint to be 20 ± 5 psig at least once per 18 months.

I. Jet Pumps

Whenever the reactor is in the Start & Hot Standby or Run Mode with both recirculating pumps operating, all jet pumps shall be operable. If it is determined that a jet pump is inoperable, an orderly shutdown shall be initiated and the reactor shall be in the Cold Shutdown Condition with 24 hours.

I. Jet Pumps

Whenever both recirculating pumps are operating with the reactor in the Start & Hot Standby or Run Mode, jet pump operability shall be checked daily by verifying that the following conditions do not occur simultaneously.

1. The two recirculation loops have a flow imbalance of 15% or more when the pumps are operated at the same speed.

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. 71 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 Technical Specifications by adding Limiting Conditions for Operation and Surveillance Requirements for the Tail Pipe Pressure Switches installed on the Relief/Safety Valves.

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.

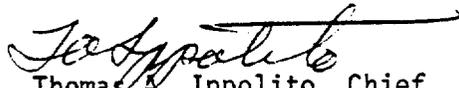
7910010 322

- 2 -

For further details with respect to this action, see (1) the application for amendment dated July 13, 1979, (2) Amendment No. 71 to License No. DPR-57, and (3) the Commission's letter dated August 29, 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 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 29th day of August, 1979.

FOR THE NUCLEAR REGULATORY COMMISSION


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