

MAY 6 1977

Docket No. 50-321

Georgia Power Company
Oglethorpe Electric Membership Corporation
Municipal Electric Association of Georgia
City of Dalton, Georgia
ATTN: Mr. I. S. Mitchell, III
Vice President and Secretary
Georgia Power Company
Atlanta, Georgia 30302

Gentlemen:

The Commission has issued the enclosed Amendment No. 42 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 in response to your applications dated February 2, 1977 (supplemented by letter dated April 1, 1977), February 3, 1977, February 8, 1977 (supplemented by letters dated February 22, 1977, April 11, 1977, and April 19, 1977), and April 21, 1977.

The amendment to the Technical Specifications authorizes operation with (1) up to 92 General Electric (GE) 8x8 reload fuel bundles, (2) holes drilled in the lower tie plate of all remaining 7x7 fuel bundles to provide an alternate bypass flow path, (3) a revised safety limit MCPR of 1.06, (4) revised MCPR operating limits for 7x7 and 8x8 fuels, (5) revised MAPLHGR limits for 7x7 and 8x8 fuels, (6) restricted natural circulation operation to 1% thermal power or below, (7) an installed atmospheric monitoring leak detection system, and (8) an installed post-LOCA radiation monitoring system. The amendment also includes an administrative change in the main steam isolation valve setpoint from 880 psig to 825 psig, on page 1.1-12 in the Technical Specifications. The change was previously made to all other appropriate pages in the Technical Specifications as a result of License Amendment No. 24.

Certain changes and additions to the Technical Specifications proposed in your applications were necessary. These changes were discussed with and agreed upon by your staff.

*see report
Const. 1*

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Georgia Power Company
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The post-LOCA radiation monitoring system was approved as an improvement to provide additional surveillance information. We recommend, however, for the reasons discussed in the enclosed safety evaluation, that you study the feasibility of increasing the range.

Copies of the Safety Evaluation and the FEDERAL REGISTER Notice are also enclosed.

Sincerely,

Original signed by
 George Lear, Chief
 Operating Reactors Branch #3
 Division of Operating Reactors

- Enclosures:
1. Amendment No. 42
 2. Safety Evaluation
 3. FEDERAL REGISTER Notice

cc w/enclosures:
 See next page

OFFICE >	ORB #3 <i>CP</i>	ORB #3	OELD	ORB #3		
SURNAME >	CParrish:mjf	SNowicki:mjf	<i>Smith</i>	GLear <i>a</i>		
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Georgia Power Company
Oglethorpe Electric Membership Corporation
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City of Dalton, Georgia

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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

Mr. John Robins
Office of Planning and Budget
Room 615-B
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. P. Moore
Georgia Power Company
Production 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. 50-321

EDWIN I. HATCH NUCLEAR PLANT UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 42
License No. DPR-57

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The applications for amendment by Georgia Power Company, Oglethorpe Electric Membership Corporation, Municipal Electric Association of Georgia and City of Dalton, Georgia, (the licensees) dated February 2, 1977 (supplemented by letter dated April 1, 1977), February 3 and 8, 1977 (supplemented by letters dated February 22, April 11, and April 19, 1977) and April 21, 1977, comply 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. 42, 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



George Lear, Chief
Operating Reactors Branch #3
Division of Operating Reactors

Attachment:
Changes to the Technical
Specifications

Date of Issuance: May 6, 1977