

DEC 2 1 1977

Docket No. 50-321

Georgia Power Company
Oglethorpe Electric Membership Corporation
Municipal Electric Association of Georgia
City of Dalton, Georgia
ATTN: Mr. Charles F. Whitmer
Vice President-Engineering
Georgia Power Company
Atlanta, Georgia 30302

Distribution

✓ Docket
ORB #3
Local PDR
NRC PDR
VStello
KGoller
GLear
CParrish
SNowicki
Attorney, OELD (2)
DEisenhut
OPA (Clare Miles)
TBAburnathy
JRBuchanan
JBishop, OELD files
ACRS (16)

Gentlemen:

The Commission has requested the Office of the Federal Register to publish the enclosed Notice of Proposed Issuance of Amendment to Facility Operating License for Edwin I. Hatch Nuclear Plant, Unit No. 1. The proposed amendment would allow the operation of Hatch Unit No. 1 with a new fuel type during Cycle 3 and includes the Technical Specification modifications associated with the operating limits for the new fuel. The proposed amendment would also revise the Technical Specifications to include any required modifications based on the results of the ECCS reevaluation for Hatch Unit No. 1 using the approved 10 CFR 50 Appendix K models as required by our March 11, 1977 Exemption. This amendment is in accordance with your application dated August 26, 1977.

Sincerely,

Original signed by

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

Enclosure:
Federal Register Notice

cc: See next page

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OFFICE →	ORB #3	ORB #3	OELD	ORB #3		
SURNAME →	CParrish	SNowicki	B. Smith	GLear		
DATE →	12/15/77	12/16/77	12/20/77	12/21/77		

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

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

DOCKET NO. 50-321

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

NOTICE OF PROPOSED ISSUANCE OF AMENDMENT
TO FACILITY OPERATING LICENSE

The Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment 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 (the licensees), for operation of the Edwin I. Hatch Nuclear Plant, Unit No. 1 located in Appling County, Georgia.

The amendment would allow the operation of Hatch Unit No. 1 with a new fuel type during Cycle 3 and includes the Technical Specification modifications associated with the operating limits for the new fuel. The proposed amendment would also revise the Technical Specifications to include any required modifications based on the results of the ECCS reevaluation for Hatch Unit No. 1 using the approved 10 CFR 50 Appendix K models as required by our March 11, 1977 Exemption. This amendment is in accordance with the licensees' application for amendment dated August 26, 1977.

Prior to issuance of the proposed license amendment, the Commission will have made the findings required by the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations.

By January 27, 1978 the licensee may file a request for a hearing and any person whose interest may be affected by this proceeding may file

a request for a hearing in the form of a petition for leave to intervene with respect to the issuance of the amendment to the subject facility operating license. Petitions for leave to intervene must be filed under oath or affirmation in accordance with the provisions of Section 2.714 of 10 CFR Part 2 of the Commission's regulations. A petition for leave to intervene must set forth the interest of the petitioner in the proceeding, how that interest may be affected by the results of the proceeding, and the petitioner's contentions with respect to the proposed licensing action. Such petitions must be filed in accordance with the provisions of the FEDERAL REGISTER notice and Section 2.714, and must be filed with the Secretary of the Commission, U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Docketing and Service Section, by the above date. A copy of the petition and/or request for a hearing should be sent to the Executive Legal Director, U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, and to G. F. Trowbridge, Esquire, Shaw, Pittman, Potts and Trowbridge, the attorney for the licensees.

A petition for leave to intervene must be accompanied by a supporting affidavit which identifies the specific aspect or aspects of the proceeding as to which intervention is desired and specifies with particularity the facts on which the petitioner relies as to both his interest and his contentions with regard to each aspect on which intervention is requested. Petitions stating contentions relating only to matters outside the Commission's jurisdiction will be denied.

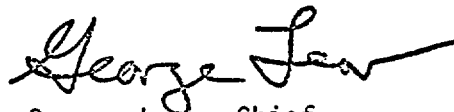
All petitions will be acted upon by the Commission or licensing board, designated by the Commission or by the Chairman of the Atomic Safety and Licensing Board Panel. Timely petitions will be considered to determine whether a hearing should be noticed or another appropriate order issued regarding the disposition of the petitions.

In the event that a hearing is held and a person is permitted to intervene, he becomes a party to the proceeding and has a right to participate fully in the conduct of the hearing. For example, he may present evidence and examine and cross-examine witnesses.

For further details with respect to this action, see the application for amendment dated August 26, 1977, which is 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.

Dated at Bethesda, Maryland, this 21st day of December 1977.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script, appearing to read "George Lear".

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

DETERMINATION OF PROPOSED LICENSING ACTION

Licensee: Georgia Power Company
E. I. Hatch Nuclear Plant Unit No. 1
Docket No. 50-321

Request for: GPC has requested that the Technical Specifications be modified to include limits for the new General Electric fuel design for Reload No. 2.

Request Date: August 26, 1977

Proposed Action: (x) Pre-notice Recommended

Basis for Decision: Georgia Power Company plans to reload Hatch Unit No. 1 with the new General Electric fuel during the 1977-1978 winter refueling. The new fuel design increases the number of water rods per bundle by one, has longer fuel column length and uses mixed axial enrichment for power shaping. Although the new fuel is being reviewed generically for new plants and for operating plants, Hatch Unit No. 1 will be the first operating plant to use this fuel for reload. GPC is also submitting the ECCS reevaluation required by the NRC Exemption dated March 11, 1977.

Although the intent of the new fuel design is to improve power distributions and associated thermal hydraulic performance, a new review of safety margins is required. No reduction in safety margins is anticipated, but in the interest of notifying the general public of major changes, a pre-notice is recommended for this reload.

Concurrences:

1. S. J. Nowicki 12/16/77
S. J. Nowicki Dated
2. George Lear 12/16/77
G. Lear Dated
3. KRG 12/18/77
K. R. Goller Dated
4. Barry H. Smith 12/19/77
OELD Dated