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 ORNL

Docket No. 50-366

Georgia Power Company
 ATTN: Mr. I. S. Mitchell, III
 Vice President & Secretary
 P. O. Box 4545
 Atlanta, Georgia 30302

DEC 27 1972

Gentlemen:

Pursuant to an Initial Decision by the Atomic Safety and Licensing Board, the Atomic Energy Commission has issued Construction Permit No. CPPR-90 (enclosed) to the Georgia Power Company authorizing the construction of the Edwin I. Hatch Nuclear Plant, Unit 2.

A copy of a related notice, which has been sent to the Federal Register for filing and publication, is enclosed for your information. A copy of the Board's Initial Decision was sent to you at an earlier date.

Sincerely,

Original signed by
 Robert A. Clark

for Roger S. Boyd, Assistant Director
 for Boiling Water Reactors
 Directorate of Licensing

Enclosures:

1. Construction Permit No. CPPR-90
2. Federal Register Notice

cc: Mr. Ruble A. Thomas
 Vice President
 Southern Services, Inc.
 300 Office Park
 Birmingham, Alabama 35202

Mr. George F. Trowbridge, Esq.
 Shaw, Pittman, Trowbridge & Madden
 910 Seventeenth Street
 Washington, D. C. 20006

OFFICE ▶	L:GCR	L:GCR	L:GCR	OGC		
SURNAME ▶	HGearin:nb	RAClark	RSBoyd			
DATE ▶	12/26/72	12/26/72	12/27/72	12/26/72		

UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NO. 50-366

GEORGIA POWER COMPANY

(EDWIN I. HATCH NUCLEAR PLANT, UNIT 2)

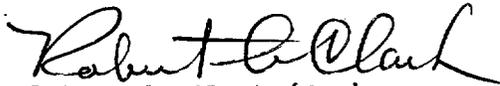
NOTICE OF ISSUANCE OF CONSTRUCTION PERMIT

Notice is hereby given that, pursuant to the Initial Decision of the Atomic Safety and Licensing Board, dated December 22, 1972 the Deputy Director for Reactor Projects has issued Construction Permit No. CPPR-90 to the Georgia Power Company for construction of a boiling water nuclear reactor at the Georgia Power Company's site near the south bank of the Altamaha River in Appling County, Georgia, approximately eleven miles north of the town of Baxley, Georgia. The proposed reactor, known as the Edwin I. Hatch Nuclear Plant, Unit 2, is designed for a rated power of approximately 2436 megawatts thermal with a net electrical output of approximately 795 megawatts.

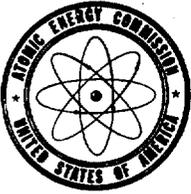
A copy of the Initial Decision and of the Construction Permit are on file in the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C. 20545, and at the Appling County Public Library, Parker Street, Baxley, Georgia 31513.

Dated at Bethesda, Maryland, this 27th day of *December* 1972.

FOR THE ATOMIC ENERGY COMMISSION



Robert A. Clark (for)
Roger S. Boyd, Assistant Director
for Boiling Water Reactors
Directorate of Licensing



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

GEORGIA POWER COMPANY

(EDWIN I. HATCH NUCLEAR PLANT, UNIT 2)

DOCKET NO. 50-366

CONSTRUCTION PERMIT

Construction Permit No. CPPR-90

1. Pursuant to § 103 of the Atomic Energy Act of 1954, as amended (the Act), and Title 10, Chapter 1, Code of Federal Regulations, Part 50, "Licensing of Production and Utilization Facilities," and pursuant to the Initial Decision of the Atomic Safety and Licensing Board, the Atomic Energy Commission (the Commission) hereby issues a construction permit to the Georgia Power Company (the applicant) for a utilization facility (the facility), designed for a rated power of 2436 megawatts thermal with a net electrical output of approximately 795 megawatts as described in the application and amendments thereto (the application), filed in this matter by the applicant and as more fully described in the evidence received at the public hearing upon that application. The facility, known as the Edwin I. Hatch Nuclear Plant, Unit 2, will be located at the applicant's site near the south bank of the Altamaha River in Appling County, Georgia, approximately eleven miles north of the town of Baxley, Georgia.
2. This permit shall be deemed to contain and be subject to the conditions specified in §§ 50.54 and 50.55 of said regulations; is subject to all applicable provisions of the Act, and rules, regulations, and orders of the Commission now or hereafter in effect; and is subject to the conditions specified or incorporated below:
 - A. The earliest date for the completion of the facility is July 1, 1976, and the latest date for completion of the facility is July 1, 1978.
 - B. The facility shall be constructed and located at the site as described in the application in Appling County, Georgia.
 - C. This construction permit authorizes the applicant to construct the facility described in the application and the hearing record, in accordance with the principal architectural and engineering criteria set forth therein.

D. Pursuant to §105c(8) of the Act, the Commission has consulted with the Attorney General regarding the issuance of this construction permit. After said consultation, the Commission has determined that the issuance of this permit, subject to the conditions set forth in this subparagraph D., in advance of consideration of and findings with respect to matters covered in §105c. of the Act, is necessary in the public interest to avoid unnecessary delay in construction of the plant. At the time this construction permit is being issued an antitrust proceeding has been Noticed for hearing but not completed. The Commission, accordingly, has made no determination with respect to matters covered in §105c. of the Act including conditions, if any, which may be appropriate as a result of the outcome of an antitrust proceeding. On the basis of its findings made as a result of such antitrust proceeding, the Commission may continue this permit as issued, rescind this permit or amend this permit to include such conditions as the Commission deems appropriate. This construction permit therefore shall be subject to the outcome of an antitrust proceeding to be held pursuant to a Notice of Hearing dated December 5, 1972, for the purpose of determining "whether the activities under the permit[s] in question would create or maintain a situation inconsistent with the antitrust laws." Applicant and others who may be affected hereby are on notice that the granting of this permit is without prejudice to any subsequent licensing action, including the imposition of appropriate conditions,* which may be taken by the Commission as a result of the outcome of this antitrust proceeding. In the course of its planning and other activities, applicant will be expected to conduct itself accordingly.

*In the consultation with the Department of Justice, the Department has informed the Commission that in the course of the antitrust proceeding conditions may be sought to be attached to the permit which would require applicant among other things, to:

- 1) grant participation in the Hatch unit to other electric utilities;
- 2) provide transmission services to other electric utilities;
- 3) interconnect and engage in the interchange and sale of electric bulk power supply to other electric utilities or persons proposing to engage in electric utility operations;
- 4) engage in coordinated planning and operation of bulk power supply facilities with other electric utilities in connection with the foregoing; and
- 5) remove anticompetitive contractual restrictions from its bulk power supply contracting arrangements.

E. This construction permit is subject to the following conditions for the protection of the environment:

- (1) The applicant will perform preoperational measurements of the distributions of aquatic species to establish base-line data adequate for determining adverse effects the plant might have on the environment. An analysis of the results of this program will be reported to the Commission at least semiannually.
- (2) The applicant will take measures to assure that construction of transmission lines and their future maintenance will be carried out so as to minimize disruption of vegetation and wildlife and use of recreational lands, and so as to minimize visual impact.
- (3) The applicant will establish, prior to operation of the plant, a monitoring program for liquid effluents to determine parameters such as temperature, dissolved solids concentrations, and chlorine concentrations. The applicant will take positive actions, such as modification of equipment or operating procedures, as necessary to assure that these parameters are kept as low as practicable and within limits considered by the regulatory staff to be adequate to protect against unacceptable environmental effects.
- (4) The applicant will define an environmental monitoring program to disclose changes which might occur in land and water ecosystems as a result of plant operation, and considered by the regulatory staff to be adequate for inclusion in the Technical Specifications for the plant. The program shall specifically consider any changes that might affect the shad fishery in the Altamaha River.
- (5) The applicant will define a radiological monitoring program to determine radiological effects on the environment from operation of the plant, and considered by the regulatory staff to be adequate for inclusion in the Technical Specifications for the plant.
- (6) If harmful effects or evidence of irreversible damage are detected by the monitoring programs, the applicant will provide an analysis of the problem and will provide a course of action to be taken immediately to alleviate the problem.

3. This permit is subject to the limitation that a license authorizing operation of the facility will not be issued by the Commission unless (a) the applicant submits to the Commission, by amendment to the application, the complete final safety analysis report, portions of which may be submitted and evaluated from time to time; (b) the Commission finds that the final design provides reasonable assurance that the health and safety of the public will not be endangered by the operation of the facility in accordance with procedures approved by it in connection with the issuance of said license; (c) the applicant submits proof of financial protection and the execution of an indemnity agreement as required by Section 170 of the Act.

FOR THE ATOMIC ENERGY COMMISSION



A. Giambusso, Deputy Director
for Reactor Projects
Directorate of Licensing

Date of Issuance: DEC 27 1972

CHECKLIST FOR ISSUANCE OF CONSTRUCTION PERMIT

Applicant Georgia Power Company

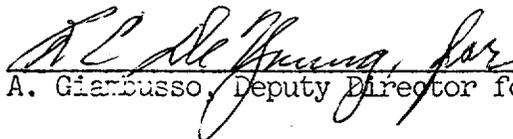
Facility Edwin I. Hatch Nuclear Plant - Unit 2

Project Leader P. M. Williams

Licensing Assistant Helen Gearin

	<u>Date</u>
Initial Decision or Order	<u>12-22-72</u>
Environmental Review:	
Final Environmental Statement	<u>October 1972</u>
Published in Federal Register	<u>10-31-72</u>
Water Quality Certification:	
Submitted by Applicant	<u>11-10-72 & 12-22-72</u>
Transmitted to EPA	<u>has not been sent</u>
Antitrust Review:	
Attorney General's Advice Published in Federal Register	<u>8-11-72</u>
Hearing and/or Decision Hearing Noticed in F.R.	<u>12-5-72</u>
License Fee:	
Amount: <u>\$254,880</u>	<u>12-26-72</u>
Paid	
Public Announcement (to be released):	
(attach copy if available) copy attached	<u>day following</u>
	<u>issuance of C.P.</u>
Issuance Package: OGC Concurrence	
1. Permit	<u>12-26-72</u>
2. Federal Register Notice	<u>12-26-72</u>
3. Memo to Files on Findings	
(if uncontested hearing)	<u>12-26-72</u>
4. Letter to Applicant	<u>12-26-72</u>
5. Memorandum to Commission	<u>12-26-72</u>

Permit Approved By:


A. Giambusso, Deputy Director for RP

12-27-72
 (Date)

**AEC ISSUES CONSTRUCTION PERMIT FOR SECOND UNIT
AT EDWIN I. HATCH NUCLEAR PLANT NEAR BAXLEY, GEORGIA**

The Atomic Energy Commission has issued a permit to Georgia Power Company for construction of a second nuclear unit at the Edwin I. Hatch Nuclear Plant near Baxley, Georgia.

The facility, which will be similar to Unit 1 now under construction, will use a boiling water reactor and will have a net electrical output of approximately 795,000 kilowatts. The plant site is located on the south side of the Altamaha River, 11 miles north of Baxley in Appling County and 75 miles west of Savannah.

Issuance of the permit follows completion of reviews by the AEC Regulatory Staff and the independent Advisory Committee on Reactor Safeguards and a public hearing conducted by an Atomic Safety and Licensing Board. The Licensing Board conducted the hearing on September 19 in Baxley and on November 17 in Washington, D. C. and issued a decision on December 22, 1972, authorizing issuance of the construction permit.

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