

Dockets Nos. 50-321
and 50-366

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Mr. J. T. Beckham, Jr.
Vice President-Nuclear Generation
Georgia Power Company
P. O. Box 4545
Atlanta, Georgia 30302

Dear Mr. Beckham:

The Commission has requested the Office of the Federal Register to publish the enclosed "Notice of Consideration of Issuance of Amendments to Facility Operating Licenses and Opportunity for Prior Hearing." This notice relates to your application for amendments dated February 6, 1984, as amended April 3, 1984, which would revise the Technical Specifications for the Edwin I. Hatch Nuclear Plant, Units Nos. 1 and 2, to implement the Average Power Range Monitor/Rod Block Monitor Technical Specification Improvement Program.

Sincerely,

John F. Stolz, Chief
Operating Reactors Branch No. 4
Division of Licensing

Enclosure:
Notice

cc w/enclosure:
See next page

ORB#4:DL
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04/30/84

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

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May 10, 1984

DOCKET No. 50-321
and 50-366

MEMORANDUM FOR: Docketing and Service Branch
Office of the Secretary of the Commission

FROM: Office of Nuclear Reactor Regulation
Division of Licensing

SUBJECT: EDWIN I. HATCH NUCLEAR PLANT, UNITS NOS. 1 AND 2

One signed original of the *Federal Register* Notice identified below is enclosed for your transmittal to the Office of the Federal Register for publication. Additional conformed copies (65) of the Notice are enclosed for your use.

- Notice of Receipt of Application for Construction Permit(s) and Operating License(s).
- Notice of Receipt of Partial Application for Construction Permit(s) and Facility License(s): Time for Submission of Views on Antitrust Matters.
- Notice of Consideration of Issuance of Amendment to Facility Operating License*.
- Notice of Receipt of Application for Facility License(s); Notice of Availability of Applicant's Environmental Report; and Notice of Consideration of Issuance of Facility License(s) and Notice of Opportunity for Hearing.
- Notice of Availability of NRC Draft/Final Environmental Statement.
- Notice of Limited Work Authorization.
- Notice of Availability of Safety Evaluation Report.
- Notice of Issuance of Construction Permit(s).
- Notice of Issuance of Facility Operating License(s) or Amendment(s).
- Order.
- Exemption.
- Notice of Granting of Relief.
- Other: ~~*Please insert date on the 4th page 2nd paragraph of this notice for a 30-day intervention period, and call Liz on extension 28960 to inform her of the date inserted. Referenced documents have been provided PDR.~~

Division of Licensing, ORB#4
Office of Nuclear Reactor Regulation

Enclosure:
As stated

OFFICE	ORB#4:DL					
SURNAME	RIngram;ef		LA			
DATE	05/10/84					

OFFICIAL RECORD COPY

Hatch 1/2
Georgia Power Company

50-321/366

cc w/enclosure(s):

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

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

Ozen Batum
Southern Company Services, Inc.
Post Office Box 2625
Birmingham, Alabama 35202

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. H. C. Nix, Jr. General Manager
Edwin I. Hatch Nuclear Plant
Georgia Power Company
P. O. Box 442
Baxley, Georgia 31513

Regional Radiation Representative
EPA Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30308

Resident Inspector
U. S. Nuclear Regulatory Commission
Route 1, P. O. Box 279
Baxley, Georgia 31513

Mr. James P. O'Reilly, Regional
Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Charles H. Badger
Office of Planning and Budget
Room 610
270 Washington Street, S.W.
Atlanta, Georgia 30334

J. Leonard Ledbetter, Commissioner
Department of Natural Resources
270 Washington Street, N.W.
Atlanta, Georgia 30334

UNITED STATES NUCLEAR REGULATORY COMMISSION
GEORGIA POWER COMPANY, ET AL
DOCKETS NOS. 50-321 and 50-366
NOTICE OF CONSIDERATION OF ISSUANCE OF AMENDMENTS
TO FACILITY OPERATING LICENSES AND
OPPORTUNITY FOR PRIOR HEARING

The United States Nuclear Regulatory Commission (the Commission) is considering issuance of amendments to Facility Operating Licenses Nos. DPR-57 and NPF-5 issued to Georgia Power Company, Oglethorpe Power Corporation, Municipal Electric Authority of Georgia, City of Dalton, Georgia, (the licensees), for operation of the Edwin I. Hatch Nuclear Plant, Units Nos. 1 and 2, located in Appling County, Georgia.

In accordance with the licensees' application for amendment dated February 6, 1984, as supplemented April 3, 1984, the amendments would modify the Technical Specifications for both Units 1 and 2 as follows:

1. Change the slope of the flow-biased Average Power Range Monitor/Simulated Thermal Power Monitor (APRM/STPM) scram and rod block setpoints from 0.66 to 0.58 and change their intercept values such that, at rated core flow, the setpoints are unchanged from their current values.
2. Delete the requirement for setdown of the APRM/STPM flow-biased scram and rod block setpoints when core maximum fraction of limiting power density (MFLPD) exceeds the fraction of core rated thermal power (core

total peaking factor exceeding design peaking factor). In order to maintain function and margins, replace the setdown requirement with new multipliers to the minimum critical power ratio (MCPR) and average planar linear heat generation rate (APLHGR) operating limits when core power or flow conditions are less than the licensed conditions.

3. Replace the Rod Block Monitor (RBM) flow-biased trip equation with power-dependent setpoint definitions, incorporate RBM filter and time delay setpoints, and change the RBM downscale trip setpoint. Add appropriate RBM operability and surveillance requirements, including the definition of Limiting Rod Pattern for Rod Withdrawal Error (RWE).
4. The amendments would make editorial changes to the Technical Specifications for Unit 1 only as follows:
 - a. Clarify (1) the definition of the bypass power level below which turbine stop and control valve position scrams are not required; (2) the descriptions of the functional dependence of the operating limit MCPR and the APLHGR limit; (3) the figure captions assigned to the rated power-rated flow MCPR operating limits; (4) the nomenclature used and the maximum allowable setpoint for the APRM high neutron flux scram and the STPM scram; (5) the numbering of sections under the Limiting System Safety Settings Neutron Flux Trips; (6) the nomenclature for the APRM Rod Block and RBM upscale trips; and (7) the references to Limiting Rod Pattern, adding the phrase "for RWE".
 - b. Change the Technical Specification bases to (1) delete references to the APRM/STPM scram and rod block peaking factor setdown requirement; (2) identify the RBM system logic changes and

operability requirements; (3) replace references to the K_f analysis bases with descriptions of the $MCPR_f$ bases and add descriptions of the K_p MCPR multiplier, the power and flow-dependent MAPLHGR multipliers, and the governing MCPR operating limit and MAPLHGR limit; (4) delete the Core Thermal Power Limit versus Core Flow Rate Map (Figure 1.1-1) and add a reference to document where the correct map is presented; and (5) correct a reference to the 80°F Loss of Feedwater Heating Event.

5. The amendments would make editorial changes to Technical Specifications for Hatch Unit 2 only as follows:
 - a. Clarify (1) the definition of the bypass power level below which turbine stop and control valve position scrams are not required; (2) the descriptions of the functional dependence of the operating limit MCPR and the APLHGR limit; (3) the figure captions assigned to the rated power-rated flow MCPR operating limits; and (4) footnote (a) in Table 3.3.5-2 relating to the APRM rod block flow dependence.
 - b. Change the Technical Specification bases to (1) delete references to the APRM/STPM scram and rod block factor setdown requirement; (2) identify the RBM system logic changes and operability requirements; (3) replace references to the K_f analysis bases with descriptions of the $MCPR_f$ bases and add descriptions of the K_p MCPR multiplier, the power and flow-dependent MAPLHGR multipliers, and the governing MCPR operating limit and MAPLHGR limit; (4) add a clarifying remark to the introduction of the Power Distribution Limits Bases; (5) add to the lists of references where appropriate; and (6) delete a reference to cycle-specific OLMCPR transient results.

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

By June 14, 1984, the licensees may file a request for a hearing with respect to issuance of the amendments to the subject facility operating licenses and any person whose interest may be affected by this proceeding and who wishes to participate as a party in the proceeding must file a written petition for leave to intervene. Request for a hearing and petitions for leave to intervene shall be filed in accordance with the Commission's "Rules of Practice for Domestic Licensing Proceedings" in 10 CFR Part 2. If a request for a hearing or petition for leave to intervene is filed by the above date, the Commission or an Atomic Safety and Licensing Board, designated by the Commission or by the Chairman of the Atomic Safety and Licensing Board Panel, will rule on the request and/or petition and the Secretary or the designated Atomic Safety and Licensing Board will issue a notice of hearing or an appropriate order.

As required by 10 CFR §2.714, a petition for leave to intervene shall set forth with particularity the interest of the petitioner in the proceeding and how that interest may be affected by the results of the proceeding. The petition should specifically explain the reasons why intervention should be permitted with particular reference to the following factors: (1) the nature of the petitioner's right under the Act to be made a party to the proceeding; (2) the nature and extent of the petitioner's property, financial, or other interest in the proceeding; and (3) the possible effect of any order which may

be entered in the proceeding on the petitioner's interest. The petition should also identify the specific aspect(s) of the subject matter of the proceeding as to which petitioner wishes to intervene. Any person who has filed a petition for leave to intervene or who has been admitted as a party may amend the petition without requesting leave of the Board up to fifteen (15) days prior to the first prehearing conference scheduled in the proceeding, but such an amended petition must satisfy the specificity requirements described above.

Not later than fifteen (15) days prior to the first prehearing conference scheduled in the proceeding, a petitioner shall file a supplement to the petition to intervene which must include a list of the contentions which are sought to be litigated in the matter, and the bases for each contention set forth with reasonable specificity. Contentions shall be limited to matters within the scope of the amendments under consideration. A petitioner who fails to file such a supplement which satisfies these requirements with respect to at least one contention will not be permitted to participate as a party.

Those permitted to intervene become parties to the proceeding, subject to any limitations in the order granting leave to intervene, and have the opportunity to participate fully in the conduct of the hearing, including the opportunity to present evidence and cross-examine witnesses.

A request for a hearing or petition for leave to intervene shall be filed with the Secretary of the Commission, United States Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Docketing and Service Branch, or may be delivered to the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C. by the above date. Where petitions are filed during the last ten (10) days of the notice period,

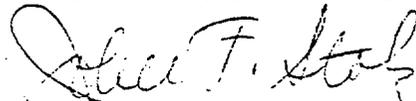
it is requested that the petitioner promptly so inform the Commission by a toll-free telephone call to Western Union at (800) 325-6000 (in Missouri (800) 342-6700). The Western Union operator should be given Datagram Identification Number 3737 and the following message addressed to John F. Stolz: (petitioner's name and telephone number; date petition was mailed; plant name; and publication date and page number of this FEDERAL REGISTER notice. A copy of the petition should also be sent to the Executive Legal Director, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, and to G. F. Trowbridge, Shaw, Pittman, Potts and Trowbridge, 1800 M Street, N.W., Washington, D.C. 20036, attorney for the licensees.

Nontimely filings of petitions for leave to intervene, amended petitions, supplemental petitions and/or requests for hearing will not be entertained absent a determination by the Commission, the presiding officer or the Atomic Safety and Licensing Board designated to rule on the petition and/or request, that the petitioner has made a substantial showing of good cause for the granting of a late petition and/or request. That determination will be based upon a balancing of the factors specified in 10 CFR 2.714(a)(1)(i)-(v) and 2.714(d).

For further details with respect to this action, see the application for amendments dated February 6, 1984, as supplemented April 3, 1984, 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 Public Library, 301 City Hall Drive, Baxley, Georgia.

Dated at Bethesda, Maryland, this 10th day of May, 1984.

FOR THE NUCLEAR REGULATORY COMMISSION



John F. Stolz, Chief
Operating Reactors Branch #4
Division of Licensing

INITIAL
NO SIGNIFICANT HAZARDS CONSIDERATION DETERMINATION
AND NOTICING ACTION

Docket No. 50-321 and 50-366 Facility: ~~Edwin I. Hatch Nuclear Plant~~
Licensee: Georgia Power Company Date of application: 2/6/84, as supplemented
Request for: 4/3/84
TS changes to implement the Average Power Range Monitor/Rod Block
Monitor Technical Specification Improvement Program.

(See attached notice or press release for more details.)

Initial Determination:

- () Proposed determination - amendment request involves no significant hazards considerations (NSHC).
- () Final determination - amendment request involves significant hazards considerations (SHC).

Basis for Determination

- () Licensee's NSHC discussion has been reviewed and is accepted. See attached amendment request.
- () Basis for this determination is presented in the attached notice.
- () Other (state): See attached sheet.

(Attach additional sheets as needed.)

Initial Noticing Action: (Attach appropriate notice or input for monthly FRN)

1. () Monthly FRN. Notice of opportunity for hearing (30 days) and request for comments on proposed NSHC determination - monthly FRN input is attached (Attachment 8).
2. () Individual FRN (30 days). Same notice matter as above. Time does not allow waiting for next monthly FRN (Attachments 9a and 9b).

(THIS FORM SHOULD BE TYPED EXCEPT FOR UNUSUAL, URGENT CIRCUMSTANCES.)

- 3. () Local media notice. Valid exigent circumstances exist (evaluated below). Local media notice requesting public comments on proposed NSHC determination is attached (Attachment 10).
- 4. () No notice. A valid emergency situation exists (evaluated below) and there is no time for public notice on proposed NSHC determination. (No attachment.)
- 5. () Individual FRN (30-days). Licensee's claim of exigent or emergency circumstances is invalid (evaluated below). Notice of opportunity for hearing (30 days) and request for comments on proposed NSHC determination is attached (Attachments 9a and 9b). Letter of explanation to licensee is also attached.
- 6. (x) Individual FRN (30-days). The amendment request involves SHC. Notice of opportunity for prior hearing is attached (Attachment 5). Letter to licensee also attached.
- 7. () Individual Short FRN. Valid emergency circumstances exist (evaluated below). There is no time for the usual 30-day FRN. (Attachment 16).

Evaluation of exigent or emergency circumstances (if applicable):

(attach additional sheets as needed)

Approvals:

	<u>Date</u>
1. <u>George Rivenbark</u> <i>George Rivenbark</i> (Project Manager)	<u>4/30/84</u>
2. <u>John F. Stolz</u> <i>John F. Stolz</i> (Branch Chief)	<u>5/1/84</u>
3. <u>Lee S. Dewey</u> <i>Lee S. Dewey</i> (OELD)	<u>5/10/84</u>

Additional approval (for noticing actions types 3, 4, 5, 6 and 7):

4. <u>Paul C. [Signature]</u> (Assistant Director)	<u>5/10/84</u>
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Additional approval (for noticing action types 4 and 5):

5. _____ (Director, Division of Licensing)	_____
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Attachment: as indicated

cc: Original - Docket File (with note "Docket File only")
Project Manager
Licensing Assistant
Branch Files