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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:

Pursuant to 10 CFR 51.119, the Commission has requested the Office of the Federal Register to publish the enclosed "Environmental Assessment and Finding of No Significant Impact" regarding your April 16, 1985 request for schedular exemption from the requirements of 10 CFR Part 50.48(c).

Sincerely,

Original signed by

George Rivenbark, Project Manager
Operating Reactors Branch #4
Division of Licensing

Enclosure:
Environmental Assessment
and Finding of No
Significant Impact

cc w/enclosure:
See next page

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Hatch 1/2
Georgia Power Company

50-321 and 50-366

cc w/enclosure(s):

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Mr. H. C. Nix, Jr. General Manager
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UNITED STATES NUCLEAR REGULATORY COMMISSION
ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT

GEORGIA POWER COMPANY
OGLETHORPE POWER CORPORATION
MUNICIPAL ELECTRIC AUTHORITY OF GEORGIA
CITY OF DALTON, GEORGIA

DOCKETS NOS. 50-321 and 50-366

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an exemption from the requirements of 10 CFR 50.48(c) to the Georgia Power Company, Oglethorpe Power Corporation, Municipal Electric Authority of Georgia, and the City of Dalton, Georgia (the licensees), for the Edwin I. Hatch Nuclear Plant, Units 1 and 2 located in Appling County, Georgia.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action: The exemption would grant the licensees a schedular deferment from the provisions of Appendix R, Section III.G, fire protection of the equipment used for safe shutdown capability, from startup following the refueling outage scheduled to commence in the fall of 1985 for Hatch Unit 1 and startup following the refueling outage that commenced on April 5, 1985 for Hatch Unit 2 to November 30, 1986 for both Units. The exemption is responsive to the licensees' application for exemption dated April 16, 1985.

The Need for the Proposed Action: Appendix R, Section III.G, requires a licensee authorized to operate a nuclear power reactor to provide fire protection for equipment used for safe shutdown. The schedular requirements of Section 10 CFR 50.48(c) call for the implementation of modifications for which a plant shutdown is required before startup following the first

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refueling outage that commences 180 days or more after the date of NRC approval of the modifications requiring approval. For Hatch Units 1 and 2, this 180-day period started on April 18, 1984. The deadlines for these modifications were therefore startup following the refueling outage scheduled to commence in the fall of 1985 for Hatch Unit 1 and startup following the refueling outage that commenced on April 5, 1985 for Hatch Unit 2.

In a submittal dated April 16, 1985, the licensees requested that the implementation schedules for the proposed fire protection modification in certain areas at Hatch Units 1 and 2, requiring plant shutdown for installation, be extended to November 30, 1986.

The magnitude of the program associated with the fire protection modifications and with an equipment qualification program and other improvement programs with which the fire protection work must interface does not allow the 10 CFR 50.48(c) schedule requirements to be met. As an alternative to implementation of the required modifications before startup following the refueling outages discussed above, the licensees have proposed interim compensatory fire protection measures to be instituted until the modifications have been completed. These measures are being evaluated by the Commission's staff.

Environmental Impacts of the Proposed Action: By using reasonable interim compensatory measures, the proposed exemption will provide a degree of fire protection such that there is no significant increase in the risk of fire at

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this facility. Consequently, the probability of fires has not been increased and the post-fire radiological releases will not be greater than previously determined nor does the proposed exemption otherwise affect radiological plant effluents. Therefore, the Commission concludes that there are no significant radiological environmental impacts associated with this proposed exemption.

With regard to potential nonradiological impacts, the proposed exemption involves features located entirely within the restricted area as defined in 10 CFR Part 20. It does not affect nonradiological plant effluents and has no other environmental impact. Therefore, the Commission concludes that there are no significant nonradiological environmental impacts associated with the proposed exemption.

Alternative Use of Resources: This action does not involve the use of resources not considered previously in connection with the Final Environmental Statements (FES) relating to this facility, FES for Hatch Units 1 and 2, USAEC (October 1972) and FES for Hatch Unit 2, NUREG-0417 (March 1978).

Agencies and Persons Consulted: The Commission's staff reviewed the licensees' request and did not consult other agencies or persons.

FINDING OF NO SIGNIFICANT IMPACT

The Commission has determined not to prepare an environmental impact statement for the proposed exemption.

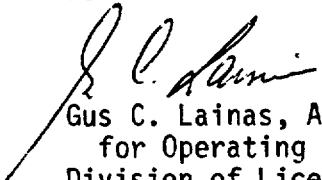
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Based upon the foregoing environmental assessment, the Commission concludes that the proposed action will not have a significant effect on the quality of the human environment.

For further details with respect to this action, see the application for exemption dated April 16, 1985 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

FOR THE NUCLEAR REGULATORY COMMISSION



Gus C. Lainas, Assistant Director
for Operating Reactors
Division of Licensing



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

May 7, 1985

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

SUBJECT: EDWIN HATCH NUCLEAR PLANT, UNITS NOS. 1 & 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 (6) 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: Environmental Assessment and Finding of No significant Impact

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

Enclosure:
As stated

OFFICE	ORB#4:DL					
SURNAME	M					
DATE	5/8/85					

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