

August 18, 1998

Mr. H. L. Sumner, Jr.
Vice President - Nuclear
Hatch Project
Southern Nuclear Operating
Company, Inc.
Post Office Box 1295
Birmingham, Alabama 35201-1295

SUBJECT: ISSUANCE OF AMENDMENTS - EDWIN I. HATCH NUCLEAR PLANT,
UNITS 1 AND 2 (TAC NOS. MA0331 AND MA0332)

Dear Mr. Sumner:

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 212 to Facility Operating License DPR-57 and Amendment No. 153 to Facility Operating License NPF-5 for the Edwin I. Hatch Nuclear Plant, Units 1 and 2. The amendments consist of changes to the Operating Licenses in response to your application dated December 18, 1997, as supplemented July 14, 1998.

The amendments revise Unit 1 and Unit 2 Operating Licenses by modifying or deleting obsolete conditions.

A copy of the related Safety Evaluation is also enclosed. A Notice of Issuance will be included in the Commission's biweekly Federal Register notice.

Sincerely,

ORIGINAL SIGNED BY:

Leonard N. Olshan, Senior Project Manager
Project Directorate II-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket Nos. 50-321 and 50-366

Enclosures:

1. Amendment No. 212 to DPR-57
2. Amendment No. 153 to NPF-5
3. Safety Evaluation

DISTRIBUTION

Docket File OGC
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DOCUMENT NAME: G:\HATCH\MA0331.AMD

OFFICE	DRPE/PDII-2/PM	DRPE/PDII-2/LA	OGC	DRPE/PDII-2/D
NAME	LOLSHAN	LBERRY	NS	HBERKOW for
DATE	7/29/98	8/29/98	8/11/98	8/17/98
COPY	(YES) NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

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Sincerely,

A handwritten signature in dark ink, appearing to read "L. N. Olshan", is written over a horizontal line.

Leonard N. Olshan, Senior Project Manager
Project Directorate II-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket Nos. 50-321 and 50-366

Enclosures:

1. Amendment No. 212 to DPR-57
2. Amendment No. 153 to NPF-5
3. Safety Evaluation

cc w/encs: See next page

Edwin I. Hatch Nuclear Plant

cc:

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Birmingham, Alabama 35201-1295

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Program Manager
Fossil & Nuclear Operations
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**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
WASHINGTON, D.C. 20555-0001

SOUTHERN NUCLEAR OPERATING COMPANY, INC.

GEORGIA POWER COMPANY

OGLETHORPE POWER CORPORATION

MUNICIPAL ELECTRIC AUTHORITY OF GEORGIA

CITY OF DALTON, GEORGIA

DOCKET NO. 50-321

EDWIN I. HATCH NUCLEAR PLANT, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 212
License No. DPR-57

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment to the Edwin I. Hatch Nuclear Plant, Unit 1 (the facility) Facility Operating License No. DPR-57 filed by Southern Nuclear Operating Company, Inc. (Southern Nuclear), acting for itself, Georgia Power Company, Oglethorpe Power Corporation, Municipal Electric Authority of Georgia, and City of Dalton, Georgia (the licensees), dated December 18, 1997, as supplemented July 14, 1998, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations as 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 set forth in 10 CFR Chapter I;
 - 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.

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2. Accordingly, the license is hereby amended by page changes to the Facility Operating License No. DPR-57.
3. This license amendment is effective as of its date of issuance and shall be implemented within 30 days from the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in black ink, appearing to read "H. Berkow for".

Herbert N. Berkow, Director
Project Directorate II-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Attachment:
Facility Operating License
Changes

Date of Issuance: August 18, 1998

ATTACHMENT TO LICENSE AMENDMENT NO. 212

FACILITY OPERATING LICENSE NO. DPR-57

DOCKET NO. 50-321

Replace the following pages of the Facility Operating License with the enclosed pages. The revised pages are identified by Amendment number and contain vertical lines indicating the areas of change.

Remove

Insert

3a

3a

4

4

(2) Technical Specifications

The Technical Specifications contained in Appendix A and the Environmental Protection Plan contained in Appendix B, as revised through Amendment No. 212 are hereby incorporated in the license. Southern Nuclear shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

The Surveillance Requirement (SR) contained in the Appendix A Technical Specifications and listed below is not required to be performed immediately upon implementation of Amendment No. 195. The SR listed below shall be successfully demonstrated prior to the time and condition specified:

SR 3.8.1.18 shall be successfully demonstrated at its next regularly scheduled performance.

- (3) Southern Nuclear shall implement and maintain in effect all provisions of the fire protection program, which is referenced in the Final Safety Analysis Report for the facility, as contained in the updated Edwin I. Hatch Nuclear Plant Units 1 and 2 Fire Hazards Analysis and Fire Protection Program, originally submitted by a letter dated July 22, 1986. Southern Nuclear may make changes to the fire protection program without prior approval of the Commission only if the changes would not adversely affect the ability to achieve and maintain safe shutdown in the event of a fire.

(4) Physical Protection

Southern Nuclear shall fully implement and maintain in effect all provisions of the Commission-approved physical security, guard training and qualification, and safeguards contingency plans including amendments made pursuant to provisions of the Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 (51 FR 27817 and 27822) and to the authority of 10 CFR 50.90 and 10 CFR 50.54(p). The plans are entitled: "Edwin I. Hatch Physical Security Plan" (which contains Safeguards Information protected under 10 CFR 73.21), with revisions submitted through December 13, 1996; "Edwin I. Hatch Guard Training and Qualification Plan," with revisions submitted through April 12, 1993; and "Edwin I. Hatch Safeguards Contingency Plan," identified as Appendix D to the Physical Security Plan (which contains Safeguards Information protected under 10 CFR 73.21), with revisions submitted through December 13, 1996. Changes made in accordance with 10 CFR 73.55 shall be implemented in accordance with the schedule set forth therein.

- D. Southern Nuclear shall not market or broker power or energy from Edwin I. Hatch Nuclear Plant, Unit 1.



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
WASHINGTON, D.C. 20555-0001

SOUTHERN NUCLEAR OPERATING COMPANY, INC.

GEORGIA POWER COMPANY

OGLETHORPE POWER CORPORATION

MUNICIPAL ELECTRIC AUTHORITY OF GEORGIA

CITY OF DALTON, GEORGIA

DOCKET NO. 50-366

EDWIN I. HATCH NUCLEAR PLANT, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 153
License No. NPF-5

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment to the Edwin I. Hatch Nuclear Plant, Unit 2 (the facility) Facility Operating License No. NPF-5 filed by Southern Nuclear Operating Company, Inc. (Southern Nuclear), acting for itself, Georgia Power Company, Oglethorpe Power Corporation, Municipal Electric Authority of Georgia, and City of Dalton, Georgia (the licensees), dated December 18, 1997, as supplemented July 14, 1998, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations as 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 set forth in 10 CFR Chapter I;
 - 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 hereby amended by page changes to the Facility Operating License No. NPF-5.
3. This license amendment is effective as of its date of issuance and shall be implemented within 30 days from the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in black ink, appearing to read "H. Berkow for".

Herbert N. Berkow, Director
Project Directorate II-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Attachment:
Facility Operating License
Changes

Date of Issuance: August 18, 1998

ATTACHMENT TO LICENSE AMENDMENT NO. 153

FACILITY OPERATING LICENSE NO. NPF-5

DOCKET NO. 50-366

Replace the following pages of the Facility Operating License with the enclosed pages. The revised pages are identified by Amendment number and contain vertical lines indicating the areas of change.

<u>Remove</u>	<u>Insert</u>
1	1
4	4
5	5
6	6
11	11
Attachment 2	----



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

SOUTHERN NUCLEAR OPERATING COMPANY, INC.

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

DOCKET NO. 50-366

(Edwin I. Hatch Nuclear Plant Unit 2)

FACILITY OPERATING LICENSE

License No. NPF-5

1. The Nuclear Regulatory Commission (the Commission) having found that:
 - A. The application for license filed by the Georgia Power Company, Oglethorpe Power Corporation, Municipal Electric Authority of Georgia, And the City of Dalton, Georgia (the Owners) complies 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 and all required notifications to other agencies or bodies have been duly made;
 - B. Construction of the Edwin I. Hatch Nuclear Plant Unit No. 2 (the facility) has been substantially completed in conformity with Construction Permit No. CPPR-90 and the application, as amended, the provisions of the Act and the rules and regulations of the Commission;
 - C. The facility requires exemptions from certain requirements of (1) Section 50.55a(g)(2) of 10 CFR Part 50 and (2) Appendices G and H to 10 CFR Part 50. These exemptions are described in the Office of Nuclear Reactor Regulation's safety evaluations supporting the granting of these exemptions which are enclosed in the letter dated June 13, 1978 transmitting this license. These exemptions are authorized by law and will not endanger life or property or the common defense and security and are otherwise in the public interest. The exemptions are, therefore, hereby granted. With the granting of these exemptions, the facility will operate in conformity with the application, as amended, the provisions of the Act, and the rules and regulations of the Commission;

Amendment No. 153

- C. This license shall be deemed to contain and is subject to the conditions specified in the following Commission regulations in 10 CFR Chapter I: Part 20, Section 30.34 of Part 30, Section 40.41 of Part 40, Sections 50.54 and 50.59 of Part 50, and Section 70.32 of Part 70; and is subject to all applicable provisions of the Act and to the rules, regulations, and orders of the Commission now or hereafter in effect; and is subject to the additional conditions² specified or incorporated below:

(1) Maximum Power Level

Southern Nuclear is authorized to operate the facility at steady state reactor core power levels not in excess of 2558 megawatts thermal in accordance with the conditions specified herein.

(2) Technical Specifications

The Technical Specifications in Appendix A and the Environmental Protection Plan contained in Appendix B, as revised through Amendment No. are hereby incorporated in the license. Southern Nuclear shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

² The original licensee authorized to possess, use, and operate the facility was Georgia Power Company (GPC). Consequently, certain historical references to GPC remain in the license conditions.

D. Physical Protection

Southern Nuclear shall fully implement and maintain in effect all provisions of the Commission-approved physical security, guard training and qualification, and safeguards contingency plans including amendments made pursuant to provisions of the Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 (51 FR 27817 and 27822) and to the authority of 10 CFR 50.90 and 10 CFR 50.54(P). The plans are entitled: "Edwin I. Hatch Physical Security Plan" (which contains Safeguards Information protected under 10 CFR 73.21), with revisions submitted through December 13, 1996; "Edwin I. Hatch Guard Training and Qualification Plan," with revisions submitted through April 12, 1993; and Edwin I. Hatch Safeguards Contingency Plan (which contains Safeguards Information protection under 10 CFR 73.21), with revisions submitted through December 13, 1996. Changes made in accordance with 10 CFR 73.55 shall be implemented in accordance with the schedule set forth therein.

E. Deleted

F. This license is subject to the following antitrust conditions:

(1) As used herein:

- (a) "Entity" means any financially responsible person, private or public corporation, municipality, county, cooperative, association, joint stock association or business trust, owning, operating or proposing to own or operate equipment or facilities within the State of Georgia (other than Chatham, Effingham, Fannin, Towns and Union Counties) for the generation, transmission or distribution of electricity, provided that, except for municipalities, counties, or rural electric cooperatives, "entity" is restricted to those which are or will be public utilities under the laws of the State of Georgia or under the laws of the United States, and are or will be providing retail electric service under a contract or rate schedule on file with and subject to the regulation of the Public Service Commission of the State of Georgia or any regulatory agency of the United States, and provided further, that as to municipalities, counties or rural electric cooperatives, "entity" is restricted to those which provide electricity to the public at retail within the State of Georgia (other than Chatham, Effingham, Fannin, Towns and Union Counties) or to responsible and legally qualified organizations of such municipalities, counties and/or cooperatives in the State of Georgia (other than Chatham, Effingham, Fannin, Towns and Union Counties) to the extent they may bind their members.
- (b) "Power Company" means Georgia Power Company, any successor, assignee of this license, or assignee of all or substantially all of Georgia Power Company's assets, and any affiliate or subsidiary of Georgia Power Company to the extent it engages in the ownership of any bulk power supply generation or transmission resource in the State of Georgia (but specifically not including (1) flood rights and other land rights acquired in the State of Georgia incidental to hydroelectric generation

- (g) All provisions of these conditions shall be subject to and implemented in accordance with the laws of the United States and of the State of Georgia, as applicable, and with rules, regulations and orders of agencies of both, as applicable.

G. This license is effective as of the date of issuance and shall expire at midnight, June 13, 2018.

FOR THE NUCLEAR REGULATORY COMMISSION

Original Signed by
Roger S. Boyd

Roger S. Boyd, Director
Division of Project Management
Office of Nuclear Reactor Regulation

Attachments:

Appendix A - Technical Specifications and
Appendix B - Environmental Protection Plan

Date of Issuance: JUN 13 1978



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
WASHINGTON, D.C. 20555-0001

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 212 TO FACILITY OPERATING LICENSE DPR-57
AND AMENDMENT NO. 153 TO FACILITY OPERATING LICENSE NPF-5
SOUTHERN NUCLEAR OPERATING COMPANY, INC., ET AL.
EDWIN I. HATCH NUCLEAR PLANT, UNITS 1 AND 2
DOCKET NOS. 50-321 AND 50-366

1.0 INTRODUCTION

By letter dated December 18, 1997, as supplemented July 14, 1998, Southern Nuclear Operating Company, Inc. (Southern Nuclear), et al. (the licensee), proposed license amendments to change the Operating Licenses for the Edwin I. Hatch Nuclear Plant (Hatch), Units 1 and 2. The proposed changes would modify or delete obsolete conditions from the Facility Operating Licenses (FOLs). The July 14, 1998, submittal provided clarifying information that did not change the scope of the December 18, 1997, application and the initial proposed no significant hazards consideration determination.

2.0 EVALUATION

2.1 Hatch Unit 1

2.1.1 Proposed Change to License Condition 2.C.(2)

The Hatch Unit 1 Improved Technical Specifications (ITS) were implemented at mid-cycle with both units operating, and therefore, some of the surveillance requirements (SR) could not be performed. License Condition 2.C.(2) allowed these SRs to be performed at a later time. With the exception of SR 3.8.1.18, all of these SRs have now been performed. Therefore, the staff finds the deletion of these SRs from License Condition 2.C.(2) to be acceptable. SR 3.8.1.18 has not been performed in the manner specified in the ITS and is not scheduled to be performed until the year 2003. Thus, the license condition for SR 3.8.1.18 is still needed.

2.1.2 Proposed Change to License Condition 2.C.(5)

License Condition 2.C.(5) required the licensee to submit certain plans for inspection and/or modifications. These plans were submitted by letter dated May 31, 1984, with additional information submitted by letter dated September 26, 1984. Therefore, the staff agrees that this license condition is obsolete and its deletion is acceptable.

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2.2 Hatch Unit 2

2.2.1 Proposed Change to Section 1.

The proposed change replaces the words "Atomic Energy Commission" with "Nuclear Regulatory Commission." The Hatch Unit 1 FOL was issued in 1974 by the Atomic Energy Commission, while the Hatch Unit 2 FOL was issued in 1978 by the Nuclear Regulatory Commission. Therefore, the staff finds this change to be acceptable.

2.2.2 Proposed Change to License Condition 1.C.

This section granted four exemptions from certain requirements of the NRC's rules and regulations. Since the issuance of the FOL, the licensee has completed actions associated with two of the exemptions. Therefore, the staff agrees that these two exemptions are no longer needed and their deletion from the license condition is acceptable.

2.2.3 Proposed Change to License Condition 2.C.(1)

A portion of this license condition, as referenced and listed in Attachment 2 of the FOL, required the completion of certain items associated with the Main Steam Isolation Valves. These items have since been completed; therefore, the staff finds the deletion of this portion of License Condition 2.C.(1) and Attachment 2, as well as references to Attachment 2, to be acceptable.

2.2.4 Proposed Change to License Condition 2.C.(2)

This proposed change is similar to the proposed change previously discussed in Section 2.1.1. However, SR 3.8.1.18 has already been performed on Unit 2 as specified in the ITS. Therefore, the staff finds the deletion from License Condition 2.C.(2) of SR 3.8.1.18 and all the other SRs to be acceptable.

2.2.5 Proposed Change to License Condition 2.C.(3)(f)

This license condition required the licensee to perform the NRC-approved post-fuel-loading initial test program. This program has since been performed and inspected by the NRC. Therefore, the staff finds the deletion of this license condition to be acceptable.

2.2.6 Proposed Change to License Condition 2.E.

This license condition required the licensee to provide written notification to the NRC of any additional construction or operational activities that may significantly affect the environment. This condition was superseded by requirements contained in the Environmental Protection Plan (Appendix B). Since these requirements are covered in Appendix B, deletion of this license condition is acceptable.

3.0 STATE CONSULTATION

In accordance with the Commission's regulations, the Georgia State official was notified of the proposed issuance of the amendments. The State official had no comments.

4.0 ENVIRONMENTAL CONSIDERATION

The amendments change a requirement with respect to the installation or use of facility components located within the restricted area as defined in 10 CFR Part 20. The NRC staff has determined that the amendments involve no significant increase in the amounts, and no significant change in the types of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that the amendments involve no significant hazards consideration, and there has been no public comment on such finding (63 FR 4324 dated January 28, 1998). Accordingly, the amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendments.

5.0 CONCLUSION

The Commission has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendments will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: L. Olshan

Date: August 18, 1998