

July 1, 1993

Docket Nos. 50-321
and 50-366

Mr. Jack D. Woodard
Senior Vice President -
Nuclear Operations
Georgia Power Company
P. O. Box 1295
Birmingham, Alabama 35201

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OPA
OC/LFMB
OGC 15B18

Dear Mr. Woodard:

SUBJECT: ISSUANCE OF AMENDMENTS - EDWIN I. HATCH NUCLEAR PLANT,
UNITS 1 AND 2 (TAC NOS. M84629 AND M84630)

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 187 to Facility Operating License DPR-57 and Amendment No. 126 to Facility Operating License NPF-5 for the Edwin I. Hatch Nuclear Plant, Units 1 and 2. The amendments consist of changes to the Technical Specifications (TS) in response to your application dated September 2, 1992.

The amendments correct the reactor pressure vessel water level corresponding to the Top of Active Fuel for both units. The correct value is 6 inches higher than the value shown in TS Figure 2.1-1 for Unit 1 and Figure B 3/4 3-1 for Unit 2.

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:

Kahtan N. Jabbour, Project Manager
Project Directorate II-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No.187 to DPR-57
2. Amendment No.126 to NPF-5
3. Safety Evaluation

cc w/enclosures:
See next page

OFFICE	PDII-3/LA	PDII-3/PM	SRSB	OGC	PDII-3/D
NAME	L. BERRY	K. JABBOUR	R. JONES	<i>[Signature]</i>	D. MATTHEWS
DATE	6/14/93	6/14/93	6/14/93	6/17/93	7/1/93

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

July 1, 1993

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Mr. Jack D. Woodard
Senior Vice President -
Nuclear Operations
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Sincerely,

A handwritten signature in cursive script, reading "Kahtan N. Jabbour".

Kahtan N. Jabbour, Project Manager
Project Directorate II-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosures:

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3. Safety Evaluation

cc w/enclosures:
See next page

Mr. Jack D. Woodard
Georgia Power Company

Edwin I. Hatch Nuclear Plant

cc:

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Baxley, Georgia 31513



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

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. **187**
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 the Georgia Power Company, acting for itself, Oglethorpe Power Corporation, Municipal Electric Authority of Georgia, and City of Dalton, Georgia (the licensees), dated September 2, 1992, 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 Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. DPR-57 is hereby amended to read as follows:

Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 187, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of its date of issuance and shall be implemented no later than 60 days from the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



David B. Matthews, Director
Project Directorate II-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Attachment:
Technical Specification
Changes

Date of Issuance: **July 1, 1993**



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

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. **126**
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 the Georgia Power Company, acting for itself, Oglethorpe Power Corporation, Municipal Electric Authority of Georgia, and City of Dalton, Georgia (the licensees), dated September 2, 1992, 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 Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. NPF-5 is hereby amended to read as follows:

Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 126, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of its date of issuance and shall be implemented no later than 60 days from the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



David B. Matthews, Director
Project Directorate II-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Attachment:
Technical Specification
Changes

Date of Issuance: **July 1, 1993**

ATTACHMENT TO LICENSE AMENDMENT NO.187

FACILITY OPERATING LICENSE NO. DPR-57

DOCKET NO. 50-321

AND

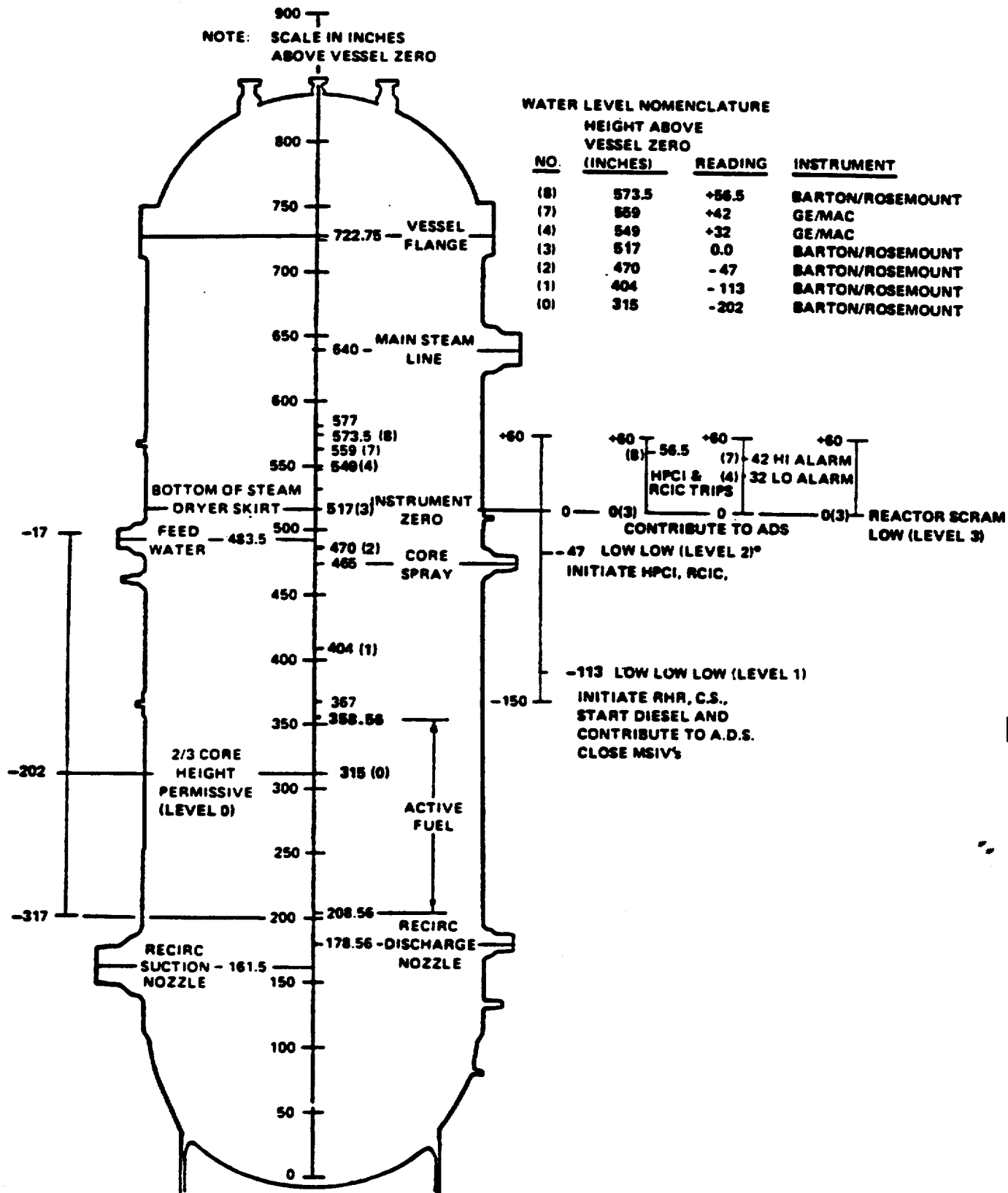
TO LICENSE AMENDMENT NO. 126

FACILITY OPERATING LICENSE NO. NPF-5

DOCKET NO. 50-366

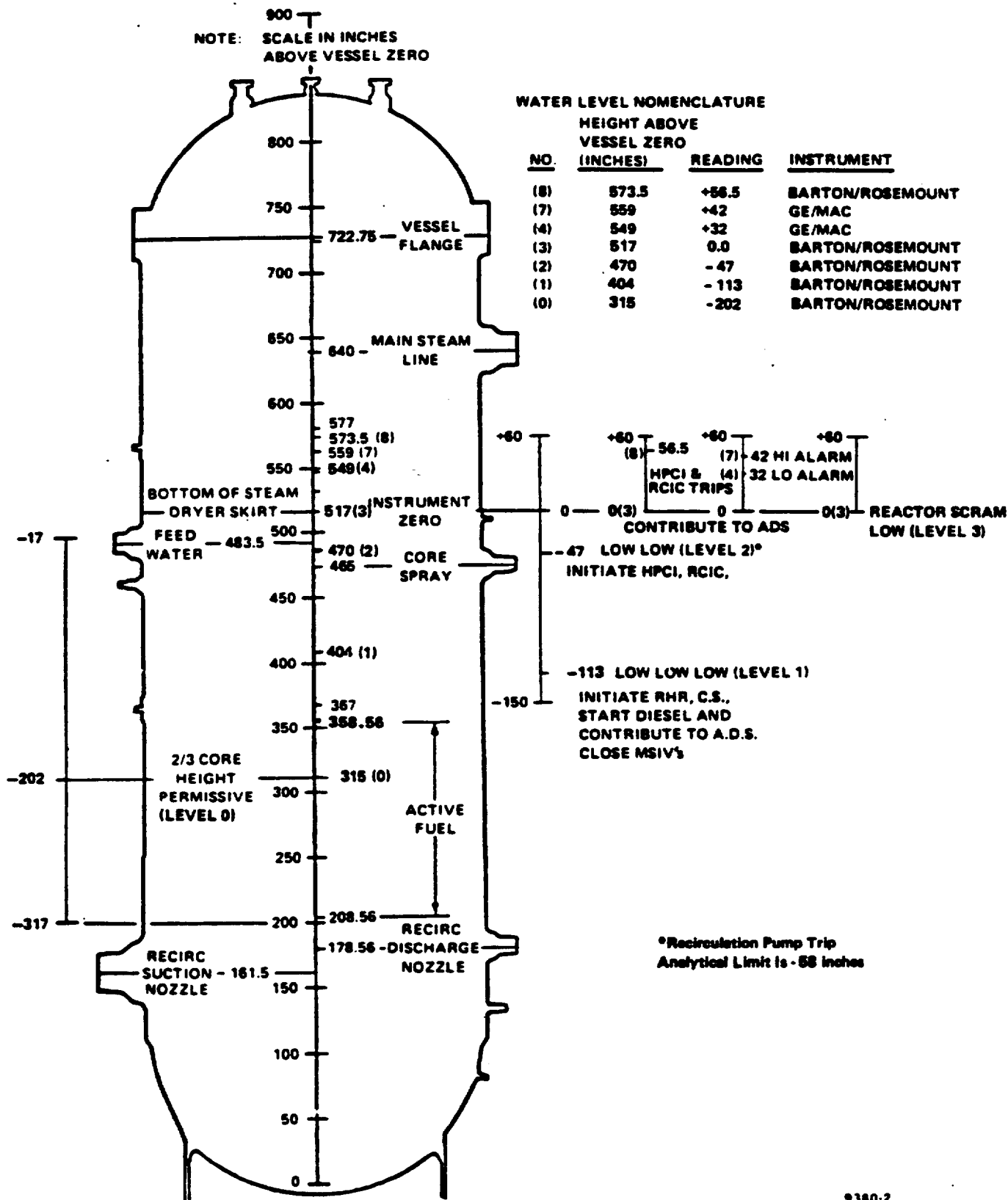
Replace the following pages of the Appendix "A" Technical Specifications with the enclosed pages. The revised pages are identified by Amendment number and contain vertical lines indicating the areas of change.

	<u>Remove Pages</u>	<u>Insert Pages</u>
Unit 1	Figure 2.1-1	Figure 2.1-1
Unit 2	B 3/4 3-6	B 3/4 3-6



9380-2

FIGURE 2.1-1
REACTOR VESSEL WATER LEVEL



BASES FIGURE B 3/4 3-1
REACTOR VESSEL WATER LEVEL



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO.187 TO FACILITY OPERATING LICENSE DPR-57
AND AMENDMENT NO. 126 TO FACILITY OPERATING LICENSE NPF-5

GEORGIA POWER COMPANY, ET AL.

EDWIN I. HATCH NUCLEAR PLANT, UNITS 1 AND 2

DOCKET NOS. 50-321 AND 50-366

1.0 INTRODUCTION

By letter dated September 2, 1992, Georgia Power Company, et al. (the licensee), proposed license amendments to change the Technical Specifications (TS) for the Edwin I. Hatch Nuclear Plant, Units 1 and 2. The proposed changes would correct the reactor pressure vessel (RPV) water level corresponding to the Top of Active Fuel (TAF) for both units. The correct value is 6 inches higher than the value shown in TS Figure 2.1-1 for Unit 1 and Figure B 3/4 3-1 for Unit 2.

2.0 EVALUATION

The licensee stated in its September 2, 1992, submittal that

[r]ecently, an error in Unit 1 figure 2.1-1 and Unit 2 figure B 3/4 3-1 TAF notation was discovered. The same incorrect value also appeared in the Unit 1 and Unit 2 FSARS, and plant procedures. The TAF level indicated on the referenced figures (i.e., 352.56 inches) is correct for GE 7x7 fuel design which had a fuel length of 144 inches. However, Plant Hatch no longer uses 7x7 fuel. Subsequent fuel 8x8 designs purchased in the mid-to-late 1980s have maximum active fuel lengths of 150 inches. The top 6 inches of fuel in the 8x8 and newer fuels are made of nonenriched uranium. The TAF value presently referenced in the TS, as well as plant procedures, is still based on 144-inch length fuel and, therefore, should be revised to reflect the actual dimension of later fuel designs.

The licensee also stated that the correct TAF value (358.56 inches) was used in the accident analysis. In addition, the initiating RPV level setpoints for the emergency core cooling systems (ECCSs) assumed in the analysis are much lower (as measured from the bottom of the reactor vessel which is designated as zero) than the actual plant setpoints. Therefore, the use of the incorrect TAF value (i.e., 352.56 inches) did not affect the setpoints for Levels 1, 2, and 3 (corresponding to low-low-low, low-low, and low levels, respectively) or any other aspects of a loss-of-coolant accident analyses.

The licensee has concluded that raising the TAF boundary by 6 inches does not affect or require a change to the accident analysis because the analysis had used the correct fuel length and TAF boundary, and does not involve any physical changes to the plant. Thus, the proposed change will merely bring the TS in agreement with the actual plant configuration.

Based on its review of the licensee's submittal, the NRC staff finds that these changes have no adverse impact on safety and do not pose an undue risk to public health and safety. Therefore, they are 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 (58 FR 19480 dated April 14, 1993). 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 Contributors: J. Harold
E. Wang
K. Jabbour

Date: July 1, 1993