

October 25, 1999

Mr. J. B. Beasley, Jr.
Vice President
Southern Nuclear Operating
Company, Inc.
Post Office Box 1295
Birmingham, Alabama 35201

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SUBJECT: VOGTLE ELECTRIC GENERATING PLANT, UNITS 1 AND 2 - ISSUANCE OF AMENDMENTS RE: (TAC NOS. MA5650 AND MA5651)

Dear Mr. Beasley:

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 109 to Facility Operating License NPF-68 and Amendment No. 87 to Facility Operating License NPF-81 for the Vogtle Electric Generating Plant, Units 1 and 2. The amendments consist of changes to the Technical Specifications (TS) in response to your application dated May 18, 1999, as supplemented by letter dated September 22, 1999.

The amendments revise Surveillance Requirements (SR) 3.8.1.3 and 3.8.1.13 to reduce the loading requirements for the emergency diesel generators (EDGs). Revised SR 3.8.1.3 requires that the EDGs be loaded and operated for ≥ 60 minutes at a load ≥ 6500 kW and ≤ 7000 kW at least every 31 days. The revised SR 3.8.1.13 requires that the EDGs be loaded ≥ 6900 kW and ≤ 7700 kW and operated as close as practicable to 3390 kVA for 2 hours. For the remaining hours of the test, the EDGs would be loaded ≥ 6500 kW and ≤ 7000 kW and operated as close as practicable to 3390 kVA. Changes to the associated Bases Section are also included.

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:

Ramin Assa, Project Manager, Section 1
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-424 and 50-425

Enclosures:

1. Amendment No. 109 to NPF-68
2. Amendment No. 87 to NPF-81
3. Safety Evaluation

cc w/encls: See next page

NRC stamp

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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

October 25, 1999

Mr. J. B. Beasley, Jr.
Vice President
Southern Nuclear Operating
Company, Inc.
Post Office Box 1295
Birmingham, Alabama 35201-1295

SUBJECT: VOGTLE ELECTRIC GENERATING PLANT, UNITS 1 AND 2 RE: ISSUANCE
OF AMENDMENTS (TAC NOS. MA5650 AND MA5651)

Dear Mr. Beasley:

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 109 to Facility Operating License NPF-68 and Amendment No. 87 to Facility Operating License NPF-81 for the Vogtle Electric Generating Plant, Units 1 and 2. The amendments consist of changes to the Technical Specifications (TS) in response to your application dated May 18, 1999, as supplemented by letter dated September 22, 1999.

The amendments revise Surveillance Requirements (SR) 3.8.1.3 and 3.8.1.13 to reduce the loading requirements for the emergency diesel generators (EDGs). Revised SR 3.8.1.3 requires that the EDGs be loaded and operated for ≥ 60 minutes at a load ≥ 6500 kW and ≤ 7000 kW at least every 31 days. The revised SR 3.8.1.13 requires that the EDGs be loaded ≥ 6900 kW and ≤ 7700 kW and operated as close as practicable to 3390 kVA for 2 hours. For the remaining hours of the test, the EDGs would be loaded ≥ 6500 kW and ≤ 7000 kW and operated as close as practicable to 3390 kVA. Changes to the associated Bases Section are also included.

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,

A handwritten signature in black ink, appearing to read "Ramin Assa".

Ramin Assa, Project Manager, Section 1
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-424 and 50-425

Enclosures:

1. Amendment No. 109 to NPF-68
2. Amendment No. 87 to NPF-81
3. Safety Evaluation

cc w/encls: See next page

Vogtle Electric Generating Plant

cc:

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Office of the County Commissioner
Burke County Commission
Waynesboro, Georgia 30830



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

VOGTLE ELECTRIC GENERATING PLANT, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 109
License No. NPF-68

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment to the Vogtle Electric Generating Plant, Unit 1 (the facility) Facility Operating License No. NPF-68 filed by the 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 May 18, 1999, as supplemented by letter dated September 22, 1999, 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.

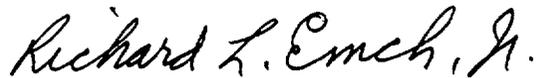
2. Accordingly, the license is hereby amended by page changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. NPF-68 is hereby amended to read as follows:

Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A, as revised through Amendment No. 109 , and the Environmental Protection Plan contained in Appendix B, both of which are attached hereto, are hereby incorporated into this license. Southern Nuclear shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of its date of issuance and shall be implemented within 30 days of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Richard L. Emch, Jr., Chief, Section 1
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Attachment:
Technical Specification
Changes

Date of Issuance: October 25, 1999



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

VOGTLE ELECTRIC GENERATING PLANT, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 87
License No. NPF-81

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment to the Vogtle Electric Generating Plant, Unit 2 (the facility) Facility Operating License No. NPF-81 filed by the Southern Nuclear Operating Company, Inc. (Southern Nuclear), acting for itself, Georgia Power Oglethorpe Power Corporation, Municipal Electric Authority of Georgia, and City of Dalton, Georgia (the licensees), dated May 18, 1999, as supplemented by letter dated September 22, 1999, 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-81 is hereby amended to read as follows:

Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A, as revised through Amendment No. 87, and the Environmental Protection Plan contained in Appendix B, both of which are attached hereto, are hereby incorporated into this license. Southern Nuclear shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of its date of issuance and shall be implemented within 30 days of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Richard L. Emch, Jr., Chief, Section 1
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Attachment:
Technical Specification
Changes

Date of Issuance: October 25, 1999

ATTACHMENT TO LICENSE AMENDMENT NO. 109

FACILITY OPERATING LICENSE NO. NPF-68

DOCKET NO. 50-424

AND

LICENSE AMENDMENT NO. 87

FACILITY OPERATING LICENSE NO. NPF-81

DOCKET NO. 50-425

Replace the following pages of the Appendix A Technical Specifications with the attached revised pages. The revised pages are identified by amendment number and contain marginal lines indicating the areas of change. Overleaf pages are provided.*

Remove

3.8.1-7
3.8.1-8
3.8.1-13
3.8.1-14
B 3.8.1-31
B 3.8.1-32

Insert

3.8.1-7*
3.8.1-8
3.8.1-13
3.8.1-14*
B 3.8.1-31
B 3.8.1-32*

SURVEILLANCE REQUIREMENTS

SURVEILLANCE		FREQUENCY
SR 3.8.1.1	Verify correct breaker alignment and indicated power availability for each required offsite circuit.	7 days
SR 3.8.1.2	<p style="text-align: center;">-----NOTES-----</p> <ol style="list-style-type: none"> 1. Performance of SR 3.8.1.7 satisfies this SR. 2. All DG starts may be preceded by an engine prelube period and followed by a warmup period prior to loading. 3. A modified DG start involving idling and gradual acceleration to synchronous speed may be used for this SR as recommended by the manufacturer. When modified start procedures are not used, the time, voltage, and frequency tolerances of SR 3.8.1.7 must be met. <hr/> <p>Verify each DG starts from standby conditions and achieves steady state voltage ≥ 4025 V and ≤ 4330 V, and frequency ≥ 58.8 Hz and ≤ 61.2 Hz.</p>	31 days

(continued)

SURVEILLANCE REQUIREMENTS (continued)

SURVEILLANCE	FREQUENCY
<p>SR 3.8.1.3</p> <p>-----NOTES-----</p> <ol style="list-style-type: none"> 1. DG loadings may include gradual loading as recommended by the manufacturer. 2. Momentary transients outside the load range do not invalidate this test. 3. This Surveillance shall be conducted on only one DG at a time. 4. This SR shall be preceded by and immediately follow without shutdown a successful performance of SR 3.8.1.2 or SR 3.8.1.7. <p>-----</p> <p>Verify each DG is synchronized and loaded and operates for ≥ 60 minutes at a load ≥ 6500 kW and ≤ 7000 kW.</p>	<p>31 days</p>
<p>SR 3.8.1.4</p> <p>Verify each day tank contains ≥ 650 gal of fuel oil.</p>	<p>31 days</p>
<p>SR 3.8.1.5</p> <p>Check for and remove accumulated water from each day tank.</p>	<p>31 days</p>
<p>SR 3.8.1.6</p> <p>Verify the fuel oil transfer system operates to automatically transfer fuel oil from storage tanks to the day tank.</p>	<p>31 days</p>

(continued)

SURVEILLANCE REQUIREMENTS (continued)

SURVEILLANCE	FREQUENCY
<p>SR 3.8.1.12 -----NOTE----- This Surveillance shall not be performed in MODE 1 or 2. However, credit may be taken for unplanned events that satisfy this SR. ----- Verify each DG's automatic trips are bypassed on actual or simulated loss of voltage signal on the emergency bus concurrent with an actual or simulated ESF actuation signal except:</p> <ul style="list-style-type: none"> a. Engine overspeed; b. Generator differential current; and c. Low lube oil pressure; 	<p>18 months</p>
<p>SR 3.8.1.13 -----NOTES----- 1. Momentary transients outside the kW and kVAR load ranges do not invalidate this test. 2. Credit may be taken for unplanned events that satisfy this SR. ----- Verify each DG operates for ≥ 24 hours while maintaining voltage ≤ 4330 V:</p> <ul style="list-style-type: none"> a. For ≥ 2 hours loaded ≥ 6900 kW and ≤ 7700 kW and operating as close as practicable to 3390 kVAR; and b. For the remaining hours of the test loaded ≥ 6500 kW and ≤ 7000 kW and operating as close as practicable to 3390 kVAR. 	<p>18 months</p>

(continued)

SURVEILLANCE REQUIREMENTS (continued)

SURVEILLANCE	FREQUENCY
<p>SR 3.8.1.14</p> <p style="text-align: center;">NOTES</p> <ol style="list-style-type: none"> 1. This Surveillance shall be performed within 5 minutes of shutting down the DG after the DG has operated ≥ 2 hours loaded ≥ 6800 kW and ≤ 7000 kW. <p style="margin-left: 40px;">Momentary transients outside of load range do not invalidate this test.</p> <ol style="list-style-type: none"> 2. All DG starts may be preceded by an engine prelube period. <hr/> <p>Verify each DG starts and achieves, in ≤ 11.4 seconds, voltage ≥ 4025 V, and ≤ 4330 V and frequency ≥ 58.8 Hz and ≤ 61.2 Hz.</p>	<p>18 months</p>
<p>SR 3.8.1.15</p> <p style="text-align: center;">NOTE</p> <p>This Surveillance shall not be performed in MODE 1, 2, 3, or 4. However, credit may be taken for unplanned events that satisfy this SR.</p> <hr/> <p>Verify each DG:</p> <ol style="list-style-type: none"> a. Synchronizes with offsite power source while loaded with emergency loads upon a simulated restoration of offsite power; b. Transfers loads to offsite power source; and c. Returns to ready-to-load operation. 	<p>18 months</p>

(continued)

BASES

SURVEILLANCE
REQUIREMENTS

SR 3.8.1.12 (continued)

2. Post Corrective maintenance testing that requires performance of this Surveillance in order to restore the component to OPERABLE, provided the maintenance was required, or performed in conjunction with maintenance required to maintain OPERABILITY or reliability.

SR 3.8.1.13

This Surveillance Requirement demonstrates that the DGs can start and run continuously at loads in excess of the maximum expected loading for an interval of not less than 24 hours, ≥ 2 hours of which is at a load equivalent to $\geq 105\%$ of the maximum expected loading and the remainder of the time at a load equivalent to the maximum expected loading of the DG. The DG starts for this Surveillance can be performed either from standby or hot conditions. The provisions for prelubricating and warmup, discussed in SR 3.8.1.2, and for gradual loading, discussed in SR 3.8.1.3, are applicable to this SR.

In order to ensure that the DG is tested under load conditions that are as close to design basis conditions as possible, testing must be performed using a kVAR load as close as practicable to 3390 kVAR while loaded ≥ 6500 kW and maintaining voltage ≤ 4330 V. This kVAR load is chosen to be representative of the actual design basis inductive loading that the DG would experience. The voltage limit of 4330 V is required to prevent operation of any loads at or above the maximum design voltage. The load band is provided to avoid routine overloading of the DG. Routine overloading may result in more frequent teardown inspections in accordance with vendor recommendations in order to maintain DG OPERABILITY.

The 18 month Frequency is consistent with the recommendations of Regulatory Guide 1.108 (Ref. 9), paragraph 2.a.(3), takes into consideration unit conditions required to perform the Surveillance, and is intended to be consistent with expected fuel cycle lengths.

(continued)

BASES

SURVEILLANCE
REQUIREMENTS

SR 3.8.1.13 (continued)

This Surveillance is modified by two Notes. Note 1 states that momentary transients due to changing bus loads do not invalidate this test. Similarly, momentary kVAR load transients above the limit will not invalidate the test. Note 2 acknowledges that credit may be taken for unplanned events that satisfy this SR. Examples of unplanned events may include:

1. Unexpected operational events which cause the equipment to perform the function specified by this Surveillance, for which adequate documentation of the required performance is available; and
2. Post Corrective maintenance testing that requires performance of this Surveillance in order to restore the component to OPERABLE, provided the maintenance was required, or performed in conjunction with maintenance required to maintain OPERABILITY or reliability.

SR 3.8.1.14

This Surveillance demonstrates that the diesel engine can restart from a hot condition, such as subsequent to shutdown from normal Surveillances, and achieve the required voltage and frequency within 11.4 seconds. The 11.4 second time is derived from the requirements of the accident analysis to respond to a design basis large break LOCA. The 18 month Frequency is consistent with the recommendations of Regulatory Guide 1.108 (Ref. 9), paragraph 2.a.(5).

This SR is modified by two Notes. Note 1 ensures that the test is performed with the diesel sufficiently hot. The load band is provided to avoid routine overloading of the DG. Routine overloads may result in more frequent teardown inspections in accordance with vendor recommendations in order to maintain DG OPERABILITY. The requirement that the diesel has operated for at least 2 hours at full load conditions prior to performance of this Surveillance is based on manufacturer recommendations for achieving hot

(continued)



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 109 TO FACILITY OPERATING LICENSE NPF-68

AND AMENDMENT NO. 87 TO FACILITY OPERATING LICENSE NPF-81

SOUTHERN NUCLEAR OPERATING COMPANY, INC., ET AL.

VOGTLE ELECTRIC GENERATING PLANT, UNITS 1 AND 2

DOCKET NOS. 50-424 AND 50-425

1.0 INTRODUCTION

By letter dated May 18, 1999, as supplemented by letter dated September 22, 1999, Southern Nuclear Operating Company, Inc., et al. (SNC/the licensee) proposed license amendments to change the Technical Specifications (TS) for the Vogtle Electric Generating Plant (Vogtle), Units 1 and 2.

The proposed changes would revise Surveillance Requirements (SR) 3.8.1.3 and 3.8.1.13 to reduce the loading requirements for the emergency diesel generators (EDGs). Revised SR 3.8.1.3 requires that the EDGs be loaded and operated for ≥ 60 minutes at a load ≥ 6500 kW and ≤ 7000 kW at least every 31 days. The revised SR 3.8.1.13 requires that the EDGs be loaded ≥ 6900 kW and ≤ 7700 kW and operated as close as practicable to 3390 kVA for 2 hours. For the remaining hours of the test, the EDGs would be loaded ≥ 6500 kW and ≤ 7000 kW and operated as close as practicable to 3390 kVA. Changes to the associated Bases Section are also included.

The supplemental letter dated September 22, 1999, provided clarifying information that did not change the scope of the May 18, 1999, application and the initial proposed no significant hazards consideration determination. The September 22, 1999, letter specifically proposed to include an upper limit of 7700 kW for the DG loading for the 2 hour portion of SR 3.8.1.13. It also provided an updated calculated value for the maximum expected DG loading. This value is 6447 kW and 3248 kVAR, or 7216 kVA at 0.893 power factor.

2.0 EVALUATION

The current surveillance requirements were based on Regulatory Guide (RG) 1.108, Revision 1, "Periodic Testing of Diesel Generator Units Used as Onsite Electric Power Systems at Nuclear Power Plants." Regulatory position C.2.a.(3) of RG 1.108 calls for demonstrating full-load carrying capability for an interval of not less than 24 hours, of which 22 hours should be at a load equivalent to the continuous rating of the EDG and 2 hours should be at a load equivalent to the 2-hour rating of the EDG. The EDGs at Vogtle are rated at 7000 kW for continuous operation and 7700 kW for a short-term period (2 hours). Therefore, consistent with Regulatory Position C.2.a.(3), existing SR 3.8.1.13 requires, at least every 18 months, each EDG to be operated at a load between 7600 kW and 7700 kW for at least the first 2 hours of the test and between 6800 kW and 7000 kW for the remainder of the 24 hours.

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Subsequently, guidance from RG 1.108 was integrated into RG 1.9, Rev. 3. Item 2.2.2, "Load-Run Test," of RG 1.9 calls for demonstrating 90 to 100 percent of the continuous rating of the EDG for an interval of not less than 1 hour. Item 2.2.9, "Endurance and Margin Test," calls for demonstrating full-load capability at a power factor between 0.8 and 0.9 for an interval of not less than 24 hours, of which 2 hours are at a load equal to 105 to 110 percent rating of the continuous rating of the EDG and 22 hours are at a load equal to 90 to 100 percent of its continuous rating.

The worst case scenario for EDG loading at most nuclear power plants is to assume a loss of offsite power in conjunction with a loss-of-coolant accident (LOCA). The worst case scenario for Vogtle is a loss of offsite power without a LOCA. This is due to the fact that during a loss of offsite power, the non-1E busses that provide power to the pressurizer heaters are initially shed from the 1E buses and then automatically sequenced back onto 1E buses. On a safety injection signal, these non-1E buses are not automatically loaded onto 1E buses. The maximum expected EDG loading under the worst case scenario for Vogtle was determined to be 6447 kW and 3248 kVAR, or 7216 kVA at 0.893 power factor. Therefore, the licensee chose to test the EDGs on a monthly basis loaded at ≥ 6500 kW and ≤ 7000 kW. This load band is consistent with the recommendations of RG 1.9, Item 2.2.2, that calls for monthly testing at loads 90 to 100 percent of the continuous rating. For the Vogtle EDGs, this would correspond to a load band of 6300 kW to 7000 kW. Therefore, the proposed change to the load band for SR 3.8.1.3 bounds the maximum expected load, is consistent with the guidance of RG 1.9, Revision 3, and is, acceptable.

Item 2.2.9 of RG 1.9, Revision 3 calls for testing for 2 hours at loads of 105 to 110 percent of the continuous duty rating for the EDG. For Vogtle, this would correspond to 7350 kW to 7700 kW. The licensee states that the EDG is capable of maintaining loads in the range of 7600 kW to 7700 kW for 2 hours. Some instances of increased cylinder head and turbocharger wear and tear have occurred and were attributed, by the vendor, to operating the EDG at these loads. The vendor has recommended that the licensee should reduce loading requirements for the 2-hour short-time rating of the EDG. Therefore, the licensee is proposing to operate the EDGs for ≥ 2 hours at loads that are equivalent to or greater than 105 percent of the maximum expected load in the worst case scenario (i.e., 105 percent of 6500 kW = 6900 kW) rather than the continuous rating of the EDG (i.e., 105 percent of 7000 kW = 7350 kW). This would represent an exception to the original licensing basis of RG 1.108 and its replacement, RG 1.9, Revision 3. However, it would continue to demonstrate an Adequate Endurance and Margin Test as described in Item 2.2.9 of RG 1.9, while reducing the wear and tear. The proposed load band for the remaining 22 hours of SR 3.8.1.13 is consistent with the guidance of RG 1.9, Revision 3. Therefore, the proposed change is acceptable.

Based on the above, the staff finds that the proposed load bands for SRs 3.8.1.3 and 3.8.1.13 represent an exception to the original licensing basis commitment to RG 1.108. However, with the exception of the 2-hour load band proposed for SR 3.8.1.13, they are consistent with the guidance of RG 1.9, Revision 3, which has replaced RG 1.108. For the one exception to Section 2.2.9 of RG 1.9 for the 2-hour portion of loading (SR 3.8.1.13), the loading still exceeds the maximum expected loading on the EDGs under the worst case scenario. The proposed changes will continue to demonstrate that the EDGs are capable of performing their intended safety functions under worst case conditions, while reducing wear and tear due to testing. Based on our evaluation, we conclude that the proposed changes 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 requirements with respect to installation or use of a facility component located within the restricted area as defined in Title 10 of the *Code of Federal Regulations* (10 CFR) Part 20 and change surveillance requirements. 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 (64 FR 43780). 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: N. Trehan

Date: October 25, 1999