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

GEORGIA POWER COMPANY
OGLETHORPE ELECTRIC MEMBERSHIP CORPORATION
MUNICIPAL ELECTRIC ASSOCIATION OF GEORGIA
CITY OF DALTON, GEORGIA

DOCKET NO. 50-366

EDWIN I. HATCH NUCLEAR PLANT UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 11
License No. NPF-5

1. The Nuclear Regulatory Commission (the Commission) has found that:

A. The application for amendment by Georgia Power Company et al. (the licensee) dated July 19, 1979 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;

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;

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 amended by 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:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 11, 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 the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Thomas A. Ippolito, Chief
Operating Reactors Branch #3
Division of Operating Reactors

Attachment:
Changes to the Technical
Specifications

Date of Issuance: September 11, 1979

ATTACHMENT TO LICENSE AMENDMENT NO. 11

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 area of change.

Remove	Insert
3/4 3-47	3/4 3-47
3/4 3-48	3/4 3-48
3/4 8-3	3/4 8-3
3/4 8-4*	3/4 8-4*

* Overleaf

SEISMIC MONITORING INSTRUMENTATION

LIMITING CONDITION FOR OPERATION

3.3.6.2 The seismic monitoring instrumentation shown in Table 3.3.6.2-1 shall be OPERABLE.

APPLICABILITY: At all times.

ACTION:

a. With one or more of the above required seismic monitoring instruments inoperable for more than 30 days, in lieu of any other report required by Specification 6.9.1, prepare and submit a Special Report to the Commission within the next 10 days outlining the cause of the malfunction and the plans for restoring the instrument(s) to OPERABLE status.

b. The provisions of Specifications 3.0.3 and 3.0.4 are not applicable.

SURVEILLANCE REQUIREMENTS

4.3.6.2.1 Each of the above required seismic monitoring instruments shall be demonstrated OPERABLE by the performance of the CHANNEL CHECK, CHANNEL FUNCTIONAL TEST and CHANNEL CALIBRATION operations at the frequencies shown in Table 4.3.6.2-1.

4.3.6.2.2 Each of the above required seismic monitoring instruments actuated during a seismic event shall be restored to OPERABLE status within 24 hours and a CHANNEL CALIBRATION performed within 30 days following the seismic event. Data shall be retrieved from actuated instruments and analyzed to determine the magnitude of the vibratory ground motion. In lieu of any other report required by Specification 6.9.1, a Special Report shall be prepared and submitted to the Commission pursuant to Specification 6.9.2 within 10 days describing the magnitude, frequency spectrum and resultant effect upon facility features important to safety.

TABLE 3.3.6.2-1

SEISMIC MONITORING INSTRUMENTATION

INSTRUMENTS AND SENSOR LOCATIONS	MEASUREMENT RANGE	MINIMUM INSTRUMENTS OPERABLE
1. Triaxial Time-History Accelerographs[a]		
a. Diesel Generator Building El 130'0"[c] (2L51-N021)	0-0.5g	1
b. Reactor Building 87' Level on Drywell Pedestal (2L51-N020)	0-0.5g	1
c. Drywell - Feedwater Inlet to RPV (2L51-N004)	0-0.5g	1
d. Switchyard[c] (1L51-N005)	0-0.5g	1
2. Triaxial Peak Recording Accelerometers		
a. Diesel Generator Base Support[c] (1L51-N007)	0-1.0g	1
b. Intake Structure[c] (1L51-N006)	0-1.0g	1
c. Control Building Main Control Room Floor[c] (1L51-N008)	0-1.0g	1
d. Control Building Floor El 112'[c] (2L51-N028)	0-1.0g	1
e. Reactor Bldg Refueling Floor (2L51-N029)	0-1.0g	1
f. Reactor Pedestal Inside Biological Shield (2L51-N035)	0-2.0g	1
g. Reactor Piping - Feedwater Inlet to RPV (2L51-N034)	0-2.0g	1
3. Triaxial Seismic Switches[b]		
a. Reactor Building 87' Level on Drywell Pedestal (2L51-N022)	0.025-0.25g	1
b. Reactor Building 185' Level Outside Biological Shield (2L51-N024)	0.025-0.25g	
4. Triaxial Response Spectrum Recorder[a]	2-26 Hz	1
a. Hatch - Unit 1 Containment Foundation El 87'[c] (1L51-N105)	0-0.5g	

[a] With main control room indication and annunciation.

[b] With main control room annunciation.

[c] Shared with Hatch - Unit 1.

SURVEILLANCE REQUIREMENTS (Continued)

4.8.1.1.2 Each diesel generator shall be demonstrated OPERABLE:

a. In accordance with the frequency specified in Table 4.8.1.1.2-1 on a STAGGERED TEST BASIS by:

1. Verifying the fuel level in the day fuel tanks.

2. Verifying the fuel level in the plant fuel storage tank.

3. Verifying the fuel transfer pump can be started and transfers fuel from the storage system to the day tank.

4. Verifying the diesel starts from ambient condition and accelerates to synchronous speed in $\leq$ 12 seconds.

5. Verifying the generator is synchronized, loaded to 2764 kw for diesel generator 2A, 2360 kw for diesel generator 1B or 2742 kw for diesel generator 2C in $\leq$ 120 seconds, and operates for $\geq$ 60 minutes.

6. Verifying the diesel generator is aligned to provide standby power to the associated emergency busses.

7. Verifying the pressure in both diesel air start receivers to be $\geq$ 225 psig.

b. At least once per 92 days by verifying that a sample of diesel fuel from the fuel storage tank, obtained in accordance with ASTM-D270-65, is within the acceptable limits specified in Table 1 of ASTM D975-74 when checked for viscosity, water and sediment.

c. At least once per 18 months during shutdown by:

1. Subjecting the diesel to an inspection in accordance with procedures prepared in conjunction with its manufacturer's recommendations for this class of standby service.

2. Verifying that the automatic load sequence timer is OPERABLE with the interval between each load block within $\pm$ 10% of its design interval.

3. Verifying the generator capability to reject a load of $\geq$ 798 kw while maintaining voltage at 4160 $\pm$ 400 volts and frequency at 60 $\pm$ 2 Hz.

SURVEILLANCE REQUIREMENTS (Continued)

4. Verifying the generator capability to reject a load of 2764 kW for diesel generator 2A, 2360 kW for diesel generator 1B and 2742 kW for diesel generator 2C without exceeding 75% of the difference between nominal speed and the overspeed trip setpoint, or 15% above nominal, whichever is lower.

5. Simulating a loss of offsite power by itself, and:

   a) Verifying de-energization of the emergency busses and load shedding from the emergency busses.

   b) Verifying the diesel starts from ambient condition on the auto-start signal, energizes the emergency busses with permanently connected loads, energizes the auto-connected shutdown loads through the load sequencer and operates for $\geq$ 5 minutes while its generator is loaded with the shutdown loads.

6. Verifying that on an ECCS actuation test signal, without loss of offsite power, the diesel generator starts on the auto-start signal and operates on standby for $\geq$ 5 minutes.

7. Verifying that on a simulated loss of the diesel generator, with offsite power not available, the loads are shed from the emergency busses and that subsequent loading of the diesel generator is in accordance with design requirements.

8. Simulating a loss of offsite power in conjunction with an ECCS actuation test signal, and

   a) Verifying de-energization of the emergency busses and load shedding from the emergency busses.

   b) Verifying the diesel starts from ambient condition on the auto-start signal, energizes the emergency busses with permanently connected loads, energizes the auto-connected emergency (accident) loads through the load sequencer and operates for $\geq$ 5 minutes while its generator is loaded with the emergency loads.

   c) Verifying that all diesel generator trips, except engine overspeed, low lube oil pressure and generator differential, are automatically bypassed upon loss of voltage on the emergency bus concurrent with an ECCS actuation signal.