



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

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. 26
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 Georgia Power Company acting for itself, Oglethorpe Power Corporation, Municipal Electric Authority of Georgia, and City of Dalton, Georgia, (the licensees) dated May 19, 1989, 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, as amended, 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 license 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. 26, and the Environmental Protection Plan contained in Appendix B, both of which are attached hereto, are hereby incorporated into this license. GPC 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



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:



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

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. 7
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 Georgia Power Company acting for itself, Oglethorpe Power Corporation, Municipal Electric Authority of Georgia, and City of Dalton, Georgia, (the licensees) dated May 19, 1989, 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, as amended, 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 license 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.

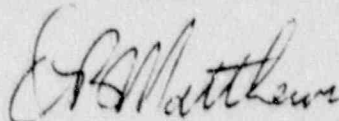
2. Accordingly, the license is hereby amended by page changes to the Technical Specifications as indicated in the attachment to this license amendment and paragraph 2.C.(2) of Facility Operating License No. NPF-81 is hereby amended to read as follows:

Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A, as revised through Amendment No. 7, and the Environmental Protection Plan contained in Appendix B, both of which are attached hereto, are hereby incorporated into this license. GPC 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



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:

ATTACHMENT TO LICENSE AMENDMENT NO. 26

FACILITY OPERATING LICENSE NO. NPF-68

AND LICENSE AMENDMENT NO. 7

FACILITY OPERATING LICENSE NO. NPF-81

DOCKETS NOS. 50-424 AND 50-425

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. The corresponding overleaf pages are also provided to maintain document completeness.

Amended Page

Overleaf Page

3/4 3-27

3/4 3-27a

3/4 7-14

3/4 7-14a

3/4 3-28

3/4 7-13

TABLE 3.3-2 (Continued)

ACTION STATEMENTS (Continued)

- ACTION 24 - With the number of OPERABLE channels one less than the Total Number of Channels, restore the inoperable channel to OPERABLE status within 48 hours or declare the associated valve inoperable and take the ACTION required by Specification 3.7.1.5.
- ACTION 25 - With the number of OPERABLE channels one less than the Minimum Channels OPERABLE requirement, be in at least HOT STANDBY within 6 hours; however, one channel may be bypassed for up to 2 hours for surveillance testing per Specification 4.3.2.1 provided the other channel is OPERABLE.
- ACTION 26 - With the number of OPERABLE channels one less than the Minimum Channels OPERABLE requirement, restore at least one channel to OPERABLE status within 7 days or within the next 6 hours initiate and maintain operation of the Control Room Emergency Filtration System in the Emergency mode #*.
- ACTION 27 - a) With one channel inoperable in a unit, restore the inoperable channel to OPERABLE status within 7 days OR within the next 6 hours initiate and maintain operation of one Control Room Emergency Filtration System (CREFS) in the unaffected unit in the emergency mode #*.
- b) With one channel inoperable in each unit, restore each inoperable channel to OPERABLE status within 7 days OR within the next 6 hours initiate and maintain operation of one CREFS in each unit in the emergency mode #*.
- c) With two channels inoperable in a unit, within 1 hour either 1) initiate and maintain operation of the two CREFS in the unaffected unit* OR 2) initiate and maintain operation of one CREFS in each unit in the emergency mode #*.
- d) With three channels inoperable, within 1 hour initiate and maintain operation of the two CREFS in the emergency mode in the unit with only one channel inoperable*.
- e) With four channels inoperable, within 1 hour initiate and maintain operation of two CREFS in the emergency mode*.
- ACTION 28 - a) With one channel inoperable in a unit, restore the inoperable channel to OPERABLE status within 7 days, OR within the next 6 hours either 1) lock closed the affected and lock open the unaffected OSA intake dampers* OR 2) initiate and maintain operation of one CREFS in the emergency mode #*.

#The initiated CREFS shall be Train B unless Train B is inoperable.

*The provisions of Specification 3.0.4 are not applicable to either unit.

TABLE 3.3-2 (Continued)

ACTION STATEMENTS (Continued)

- b) With one channel inoperable in each unit, restore each inoperable channel to OPERABLE status within 7 days OR within the next 6 hours initiate and maintain operation of one CREFS in the emergency mode^{#*}.
- c) With two channels inoperable in a unit, within 1 hour either 1) lock closed the affected and lock open the unaffected OSA intake dampers* OR 2) initiate and maintain operation of one CREFS in each unit in the emergency mode^{#*}.
- d) With three channels inoperable, within 1 hour either 1) lock closed the OSA intake dampers of the unit with two inoperable channels and lock open the other OSA intake dampers and either restore the remaining affected channel to OPERABLE status within 7 days OR initiate and maintain operation of one CREFS in the emergency mode^{#*} in the following 6 hours OR 2) initiate and maintain operation of one CREFS in each unit in the emergency mode^{#*}.
- e) With four channels inoperable, within 1 hour initiate and maintain operation of one CREFS in each unit in the emergency mode^{#*}.

#The initiated CREFS shall be Train B unless Train B is inoperable.

*The provisions of Specification 3.0.4 are not applicable to either unit.

VOGTLE UNITS - 1 & 2

3/4 3-28

TABLE 3.3-3

ENGINEERED SAFETY FEATURES ACTUATION SYSTEM INSTRUMENTATION TRIP SETPOINTS

FUNCTIONAL UNIT	TOTAL ALLOWANCE (TA)	Z	SENSOR ERROR (S)	TRIP SETPOINT	ALLOWABLE VALUE
1. Safety Injection (Reactor Trip, Feedwater Isolation, Component Cooling Water, Control Room Emergency Filtration System Actuation, Start Diesel Generators, Containment Cooling Fans, Nuclear Service Cooling Water, Containment Isolation, Containment Ventilation Isolation, and Auxiliary Feedwater Motor-Driven Pumps)					
a. Manual Initiation	N.A.	N.A.	N.A.	N.A.	N.A.
b. Automatic Actuation Logic and Actuation Relays	N.A.	N.A.	N.A.	N.A.	N.A.
c. Containment Pressure--High 1 (PI-0934, PI-0935, PI-0936)	2.7	0.71	1.67	≤ 3.8 psig	≤ 4.4 psig
d. Pressurizer Pressure--Low (PI-0455A,B&C, PI-0456 & PI-0456A, PI-0457 & PI-0457A, PI-0458 & PI-0458A)	13.1	10.71	1.67	≥ 1870 psig	≥ 1860 psig
e. Steam Line Pressure--Low	13.0	10.71	1.67	≥ 585 psig*	≥ 570 psig
(LOOP1 LOOP2 LOOP3 LOOP4					
PI-0514A,B&C PI-0524A&B PI-0534A&B PI-0544A,B&C					
PI-0515A PI-0525A PI-0535A PI-0545A					
PI-0516A PI-0526A PI-0536A PI-0546A)					
2. Containment Spray					
a. Manual Initiation	N.A.	N.A.	N.A.	N.A.	N.A.
b. Automatic Actuation Logic and Actuation Relays	N.A.	N.A.	N.A.	N.A.	N.A.
c. Containment Pressure--High-3 (PI-0934, PI-0935, PI-0936, PI-0937)	3.1	0.71	1.67	≤ 21.5 psig	≤ 22.4 psig

PLANT SYSTEMS

3/4.7.5 ULTIMATE HEAT SINK

LIMITING CONDITION FOR OPERATION

3.7.5 The Ultimate Heat Sink (UHS) shall be OPERABLE with:

- a. Two OPERABLE Nuclear Service Cooling Water (NSCW) tower basins each with:
 1. A minimum water level (LI-1606-train A, LI-1607-train B) in the NSCW tower basin of 80.25 ft (plant elevation of 217' 3") (73% of instrument span)
 2. A maximum water temperature (TJR-1690/1-train A, TJR-1691/1-train B) of 90°F.
- b. Two OPERABLE trains of NSCW tower fans, each train consisting of four fans and associated spray cells.
- c. Two OPERABLE NSCW transfer pumps.

APPLICABILITY: MODES 1, 2, 3, and 4.

ACTION:

- a. With the UHS inoperable due to water level and/or water temperature, restore the UHS to OPERABLE status within 72 hours or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.
- b. With the UHS inoperable due to inoperable fans and/or associated spray cells, restore to OPERABLE status within 72 hours; otherwise be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.
- c. With the UHS inoperable due to an inoperable NSCW transfer pump, restore the transfer pump to OPERABLE status within 8 days or implement an alternate method of transfer of basin content; otherwise be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours. Implementation of the alternate method of transfer of basin content shall not exceed 31 days. The provisions of Specification 3.0.4 are not applicable.

SURVEILLANCE REQUIREMENTS

4.7.5 The ultimate heat sink shall be determined OPERABLE:

- a. At least once per 24 hours by verifying the water level and water temperature to be within their limits.
- b. At least once per 31 days by verifying that the required number of fans start and operate for at least 15 minutes.
- c. The NSCW transfer pumps will be tested pursuant to the requirement of Specification 4.0.5.

PLANT SYSTEMS

3/4.7.6 CONTROL ROOM EMERGENCY FILTRATION SYSTEM (COMMON SYSTEM)

LIMITING CONDITION FOR OPERATION

3.7.6 Four independent Control Room Emergency Filtration Systems (CREFS) shall be OPERABLE.

APPLICABILITY: Either Unit in MODES 1, 2, 3, and 4. MODES 5 and 6 during movement of irradiated fuel or movement of loads over irradiated fuel.

ACTION:

With both units in MODES 1, 2, 3, or 4:

- a. With one Control Room Emergency Filtration System inoperable, restore the inoperable system to OPERABLE status within 7 days OR initiate and maintain operation of one train of the CREFS in the unaffected unit in the emergency mode#* OR within 1 hour lock closed the affected and lock open the unaffected unit's OSA intake dampers and place the affected unit in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours**.
- b. With one Control Room Emergency Filtration System inoperable in each unit, restore each inoperable system to OPERABLE status within 7 days OR initiate and maintain operation of both remaining CREFS in the emergency mode*.
- c. With two Control Room Emergency Filtration Systems inoperable in a unit, initiate and maintain operation of both trains of CREFS in the unaffected unit in the emergency mode* OR within 1 hour lock closed the affected and lock open the unaffected unit's OSA intake dampers and place the affected unit in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours**.

With only one unit in MODES 1, 2, 3, or 4:

- a. With one Control Room Emergency Filtration System inoperable in an operating unit, restore the inoperable system to OPERABLE status within 7 days OR initiate and maintain operation of one train of the CREFS in the shutdown unit in the emergency mode#*.
- b. With one Control Room Emergency Filtration System inoperable in a shutdown unit, restore the inoperable system to OPERABLE status within 7 days OR either 1) lock closed the affected and lock open the unaffected unit's OSA intake dampers* OR 2) initiate and maintain operation of one train of CREFS in the operating unit in the emergency mode#*.
- c. With one Control Room Emergency Filtration System inoperable in each unit, restore each inoperable system to OPERABLE status within 7 days OR lock closed the shutdown unit's OSA intake dampers and lock open the operating unit's OSA intake dampers and initiate and maintain operation of the remaining CREFS train in the shutdown unit in the emergency mode*.

#The initiated CREFS shall be Train B unless Train B is inoperable.

*The provisions of Specification 3.0.4 are not applicable to either unit.

**The provisions of Specification 3.0.4 are not applicable to the unaffected unit.

PLANT SYSTEMS

LIMITING CONDITION FOR OPERATION (Continued)

- d. With two Control Room Emergency Filtration Systems inoperable in an operating unit, initiate and maintain operation of both CREFS trains in the shutdown unit in the emergency mode*.
- e. With two Control Room Emergency Filtration Systems inoperable in a shutdown unit, either 1) lock closed the affected and lock open the unaffected unit's OSA intake dampers* OR 2) initiate and maintain operation of both trains of the CREFS in the operating unit in the emergency mode*.

With both units in MODES 5 or 6, during movement of irradiated fuel or movement of loads over irradiated fuel in either unit.

- a. With one Control Room Emergency Filtration System inoperable, restore the inoperable system to OPERABLE status within 7 days OR either 1) lock closed the affected and lock open the unaffected unit's OSA intake dampers* OR 2) initiate and maintain operation of one train of the CREFS in the unaffected unit in the emergency mode#*.
- b. With one Control Room Emergency Filtration System inoperable in each unit, restore the inoperable system to OPERABLE status within 7 days OR initiate and maintain operation of one train of CREFS in the emergency mode*.
- c. With two Control Room Emergency Filtration Systems inoperable in a unit, either 1) lock closed the affected and lock open the unaffected unit's OSA intake dampers*, OR 2) initiate and maintain operation of one train of the CREFS in the unaffected unit in the emergency mode*.
- d. With three Control Room Emergency Filtration systems inoperable, either 1) lock closed the OSA intake dampers of the unit with two inoperable systems and lock open the OSA intake dampers of the unit with one inoperable system and restore the one inoperable system to OPERABLE status within 7 days OR initiate and maintain operation of the remaining train of CREFS in the emergency mode**; OR 2) initiate and maintain operation of the remaining train of CREFS in the emergency mode**.
- e. With four Control Room Emergency Filtration Systems inoperable or with the OPERABLE CREFS required to be in the emergency mode by ACTION a, b, c, or d above not capable of being powered by an OPERABLE emergency power source, suspend all operations involving movement of irradiated fuel or movement of loads over irradiated fuel.

SURVEILLANCE REQUIREMENTS

4.7.6 Each Control Room Emergency Filtration System shall be demonstrated OPERABLE:

- a. At least once per 12 hours by verifying that the control room air temperature is less than or equal to 85°F.

#The initiated CREFS shall be Train B unless Train B is inoperable.

*The provisions of Specification 3.0.4 are not applicable to either unit.

**The provisions of Specification 3.0.4 are not applicable to either unit for entry into MODE 6 or 5.