



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

ENERGY OPERATIONS, INC.
SYSTEM ENERGY RESOURCES, INC.
SOUTH MISSISSIPPI ELECTRIC POWER ASSOCIATION
MISSISSIPPI POWER AND LIGHT COMPANY
DOCKET NO. 50-416
GRAND GULF NUCLEAR STATION, UNIT 1
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 100
License No. NPF-29

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Entergy Operations, Inc. (the licensee) dated May 6, 1992, as supplemented May 15, 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 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.

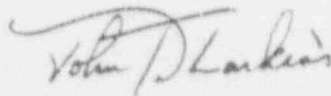
2. Accordingly, the license is amended by changes to the Technical Specifications, as indicated in the attachment to this license amendment; and paragraph 2.C.(2) of Facility Operating License No. NPF-29 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendix A and the Environmental Protection Plan contained in Appendix B, as revised through Amendment No. 100, are hereby incorporated into this license. Entergy Operations, Inc. 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.

FOR THE NUCLEAR REGULATORY COMMISSION



John T. Larkins, Director
Project Directorate IV-1
Division of Reactor Projects - III/IV/V
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: June 1, 1992

ATTACHMENT TO LICENSE AMENDMENT NO. 100

FACILITY OPERATING LICENSE NO. NPF-29

DOCKET NO. 50-416

Replace the following pages of the Appendix A Technical Specifications with the attached pages. The revised pages are identified by amendment number and contain vertical lines indicating the area of change. The corresponding overleaf pages are also provided to maintain document completeness.

REMOVE PAGES

3/4 8-29

3/4 8-36

INSERT PAGES

3/4 8-29

3/4 8-36

TABLE 3.8.4.1-1 (Continued)

PRIMARY CONTAINMENT PENETRATION CONDUCTOR
OVERCURRENT PROTECTIVE DEVICES

c. 480 VAC Circuit Breakers (Continued)

Molded Case, Type NZM

| BREAKER NUMBER | TRIP SETPOINT (Amperes) | RESPONSE TIME (Seconds) | SYSTEM/COMPONENT AFFECTED |
|----------------|-------------------------|-------------------------|--|
| 52-1511-54 | 24 | 0.100 | Spare |
| 52-1521-02 | 6 | 0.100 | MOV COMBUSTIBLE GAS CONTROL SYS (Q1E61F003A-A) |
| 52-1521-03 | 6 | 0.100 | MOV COMBUSTIBLE GAS CONTROL SYS (Q1E61F005A-A) |
| 52-1521-07 | 32 | 0.100 | MOV SUPPR. POOL MAKE-UP VALVE (Q1E30F002A-A) |
| 52-1521-14 | 600 | 0.100 | SCL SYSTEM PUMP (Q1C41C001A-A) |
| 52-1521-15 | 5 | 0.100 | STORAGE TANK OUTLET VALVE (Q1C41F001A-A) |
| 52-1521-28 | 12.5 | 0.100 | MOV INST LINE ISOL VALVE (Q1M71F595-A) |
| 52-1521-44 | 32 | 0.100 | MOV - SUPPR POOL MAKE-UP VALVE (Q1E30F001A-A) |
| 52-1531-24 | 12.5 | 0.100 | MOV - DRYWELL COOLER ISOLATION (Q1P72F125-A) |
| 52-1531-25 | 8 | 0.100 | MOV - REACTOR WATER SAMPLE (Q1B...0-A) |

TABLE 3.8.4.1-1 (Continued)

PRIMARY CONTAINMENT PENETRATION CONDUCTOR
OVERCURRENT PROTECTIVE DEVICES

c. 480 VAC Circuit Breakers (Continued)

Molded Case, Type NZM

| BREAKER NUMBER | TRIP SETPOINT (Amperes) | RESPONSE TIME (Seconds) | SYSTEM/COMPONENT AFFECTED |
|----------------|-------------------------|-------------------------|---|
| 52-1531-36 | 320 | 0.100 | MOV - LPCI A INJECTION ISOL (Q1E12F042A-A) |
| 52-1531-44 | 125 | 0.100 | MOV - RHR A UPPER CMT POOL SPRAY (Q1E12F037A-A) |
| 52-1531-49 | 32 | 0.100 | MOV - DRYWELL CHEM WASTE ISOL (Q1P45F096-A) |
| 52-1531-50 | 105 | 0.100 | MOV - RHR A CONTAINMENT SPRAY (Q1E12F028A-A) |
| 52-1541-32 | 32 | 0.100 | MOV - COMB GAS CONT COMP A OUT (Q1P41F168A-A) |
| 52-1542-05 | 320 | 0.300 | DRYWELL COOLER FAN COIL UNIT (N1M51B001A-A) |
| 52-1542-06 | 320 | 0.100 | DRYWELL COOLER FAN COIL UNIT (N1M5B002A-A) |
| 52-1542-07 | 320 | 0.100 | DRYWELL COOLER FAN COIL UNIT (N1M51B003A-A) |
| 52-1542-08 | 320 | 0.100 | DRYWELL COOLER FAN COIL UNIT (N1M51B004A-A) |
| 52-1542-09 | 320 | 0.100 | DRYWELL COOLER FAN COIL UNIT (N1M51B005A-A) |

TABLE 3.8.4.1-1 (Continued)

PRIMARY CONTAINMENT PENETRATION CONDUCTOR
OVERCURRENT PROTECTIVE DEVICES

c. 480 VAC Circuit Breakers (Continued)

Molded Case, Type NZM

| BREAKER NUMBER | TRIP SETPOINT (Amperes) | RESPONSE TIME (Seconds) | SYSTEM/COMPONENT AFFECTED |
|----------------|-------------------------|-------------------------|---|
| 52-1641-18 | 7 | 0.100 | MOV - INSTRUMENT LINE INBOARD ISO (Q1D23F593-B) |
| 52-1641-24 | 7 | 0.100 | CONTAINMENT ISOL VALVE (Q1B33F126-B) |
| 52-1641-26 | 32 | 0.100 | MOV - DRYWELL CHEM WASTE ISOL (Q1P45F097-B) |
| 52-1641-35 | 32 | 0.100 | MOV - SUPPR POOL MAKE UP VALVE (Q1E30F001B-B) |
| 52-1641-36 | 32 | 0.100 | MOV - SUPPR POOL MAKE UP VALVE (Q1E30F002B-B) |
| 52-1642-05 | 320 | 0.100 | DRYWELL COOLER FAN COIL UNIT (N1M51B001B-B) |
| 52-1642-06 | 320 | 0.100 | DRYWELL COOLER FAN COIL UNIT (N1M51B002B-B) |
| 52-1642-07 | 320 | 0.100 | DRYWELL COOLER FAN COIL UNIT (N1M51B003B-B) |
| 52-1642-08 | 320 | 0.100 | DRYWELL COOLER FAN COIL UNIT (N1M51B004B-B) |
| 52-1642-09 | 320 | 0.100 | DRYWELL COOLER FAN COIL UNIT (N1M51B005B-B) |

