



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

GULF STATES UTILITIES COMPANY

DOCKET NO. 50-458

RIVER BEND STATION, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 20  
License No. NPF-47

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Gulf States Utilities Company (the licensee) dated November 13, 1987, 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;
  - 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 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-47 is hereby amended to read as follows:

(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A, as revised through Amendment No. 20 and the Environmental Protection Plan contained in Appendix B, are hereby incorporated in the license. GSU shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. The license amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

*Jose A. Calvo*

Jose A. Calvo, Director  
Project Directorate - IV  
Division of Reactor Projects - III,  
IV, V and Special Projects  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: April 11, 1988

ATTACHMENT TO LICENSE AMENDMENT NO. 20

FACILITY OPERATING LICENSE NO. NPF-47

DOCKET NO. 50-458

Replace the following page of the Appendix "A" Technical Specifications with the enclosed page. The revised page is identified by Amendment number and contains a vertical line indicating the area of change. Overleaf page provided to maintain document completeness.

REMOVE PAGES

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INSERT PAGES

3/4 7-4

## PLANT SYSTEMS

### ULTIMATE HEAT SINK

#### LIMITING CONDITION FOR OPERATION

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3.7.1.2 The standby cooling water storage basin shall be OPERABLE with:

- a. A minimum basin water level at or above elevation 111'10" Mean Sea Level, USGS datum, and
- b. A basin water temperature of less than or equal to 82°F.
- c. Two OPERABLE cooling tower fan cells (5 fans per cell) per division.

APPLICABILITY: OPERATIONAL CONDITIONS 1, 2, 3, 4, 5 and \*.

#### ACTION:

With the requirements of the above specification not satisfied:

- a. With the basin water level less than 111'10" MSL or the temperature greater than 82°F, then declare the SSW system inoperable and take the ACTION required by Specification 3.7.1.1.
- b. In OPERATIONAL CONDITION 1, 2, or 3 with any one fan cell inoperable, restore the inoperable fan cell to OPERABLE status within 30 days or be in at least HOT SHUTDOWN within the next 12 hours and COLD SHUTDOWN within the next 24 hours.
- c. In OPERATIONAL CONDITION 1, 2, or 3 with one fan cell per division inoperable, restore at least one to OPERABLE status within 7 days or be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the next 24 hours.
- d. In OPERATIONAL CONDITION 1, 2, or 3 with both fan cells in one division inoperable, restore at least one of the inoperable fan cells to OPERABLE status within 72 hours and with both SSW pumps in the other division inoperable, align the OPERABLE SSW pumps to the OPERABLE fan cells within 2 hours or be in at least HOT SHUTDOWN within 12 hours and in COLD SHUTDOWN within the following 24 hours.
- e. In OPERATIONAL CONDITION 1, 2, or 3 with the cooling tower fan cells otherwise inoperable be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the next 24 hours.
- f. In OPERATIONAL CONDITION 4, 5, \* with one or less fan cells OPERABLE, declare the SSW system inoperable and take the ACTION required by Specification 3.7.1.1. The provisions of Specification 3.0.3 are not applicable.

\*When handling irradiated fuel in the primary containment or Fuel Building.

PLANT SYSTEMS

SURVEILLANCE REQUIREMENTS

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4.7.1.2 The standby cooling tower and water storage basin shall be determined OPERABLE:

- a. At least once per 24 hours by verifying the basin water level to be at least elevation 111'10".
- b. By verifying the arithmetical average\* water temperature to be less than or equal to 82°F:
  1. At least once per 24 hours, and
  2. At least once per 4 hours when the control room alarm is inoperable and the last recorded basin water temperature is greater than or equal to 75°F, and
  3. At least once per 2 hours when the control room alarm is inoperable and the last recorded basin water temperature is greater than or equal to 80°F.
- c. At least once per 31 days by starting the cooling tower fans in each cell from the control room and operating each fan cell for at least 15 minutes.

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\*The average shall include at least 4 operable sensors of which at least half shall be located above elevation 94'-0".