

November 2, 1987

Docket No. 50-458

Mr. James C. Deddens
Senior Vice President, (RBNG)
Gulf States Utilities
P. O. Box 220
St. Francisville, LA 70775
ATTN: Nuclear Licensing

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B. Skelton

C. Buracker

Dear Mr. Deddens:

SUBJECT: RIVER BEND STATION, UNIT 1, AMENDMENT NO. 16 TO FACILITY
OPERATING LICENSE NO. NPF-47 (TAC NO. 66172)

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 16 to Facility Operating License No. NPF-47 for the River Bend Station, Unit 1. The amendment consists of changes to license condition 2.C(1), Attachment 1, Item 4 and the addition of new items 5, 6, and 7 in response to your application dated September 8, 1987. In addition, the staff has updated license condition 2.D.

This amendment (1) extends the completion date for the installation of modified communication equipment from prior to restart from the first refueling outage until May 31, 1988 with final testing and further modifications, if necessary, to be completed prior to restart from the second refueling outage; and (2) updates license condition 2.D to specify the current approved versions of the River Bend Physical Security Plan, River Bend Station Guard Training and Qualification Plan, and River Bend Safeguards Contingency Plan and adds a reference to the Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55.

A copy of our Safety Evaluation is also enclosed. Notice of Issuance will be included in the Commission's biweekly Federal Register notice.

Sincerely,

Walter A. Paulson, Project Manager
Project Directorate - IV
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

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P PDR

Enclosures:

1. Amendment No. 16
to License No. NPF-47
2. Safety Evaluation

cc w/enclosures:
See next page

LTR NAME: RIVER BEND AMENDMENT TAC 66172

PD4/LA

PNoonan

10/20/87

PD4/PM

WPaulson:

10/20/87

OGC-Bethesda

10/24/87

PD#4/D

JCalvo

11/18/2/87

Mr. James C. Deddens
Gulf States Utilities Company

River Bend Nuclear Plant

cc:

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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. 16
License No. NPF-47

1. The Nuclear Regulatory Commission (the Commission or the NRC) has found that:
 - A. The application for amendment filed by Gulf States Utilities Company, dated September 8, 1987, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's 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 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 license condition 2.C(1), Attachment 1, Item 4 and the addition of new items 5, 6 and 7, and license condition 2.D of Facility Operating License No. NPF-47. Attachment 1 and license condition 2.D are hereby amended to read as follows:

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ATTACHMENT 1
TO-NPF 47

Prior to achieving the condition indicated on or before the date indicated, the following items shall be completed to the satisfaction of Region IV;

1. OUTSTANDING ITEMS TO BE ACCOMPLISHED PRIOR TO COMPLETION OF THE INITIAL TEST PROGRAM

- a. Verify the station electric distribution voltage analyses are in accordance with the guidelines of Branch Technical Position PSB-1, Position 4.
- b. Perform an engineering evaluation and complete modifications on the battery powered lighting system used in areas of the plant outside the main control room required for safe shutdown and personnel evacuation to upgrade those areas identified as deficient with regard to the requirements contained in FSAR Table 9.5-2.

2. OUTSTANDING ITEM TO BE COMPLETED PRIOR TO THE FIRST REFUELING OUTAGE

- a. Complete and have operational the fuel building sampling system. Off-loading of irradiated fuel prior to the first refueling outage shall be performed as described in GSU's letter dated June 13, 1985.

3. OUTSTANDING ITEM TO BE COMPLETED PRIOR TO FIRST DESIGN USE OR PRIOR TO STARTUP FOLLOWING THE FIRST REFUELING OUTAGE (WHICHEVER IS FIRST)

- a. Complete a load test which meets all the OSHA requirements for load handling capability on all remaining cranes and hoists not previously tested.

4. OUTSTANDING ITEMS TO BE ACCOMPLISHED PRIOR TO STARTUP FOLLOWING THE FIRST REFUELING OUTAGE

- a. Repair or replace the control valves on HVAC chillers as delineated in the 10 CFR 50.55(e) report identified as DR-314.

5. OUTSTANDING ITEM TO BE ACCOMPLISHED BY MAY 31, 1988

- a. Complete installation of equipment improvements to the security radio communications system.

6. OUTSTANDING ITEM TO BE ACCOMPLISHED PRIOR TO START-UP FOLLOWING A SUBSEQUENT OUTAGE WITH A PLANNED DURATION OF SEVEN DAYS OR LONGER FOLLOWING MAY 31, 1988

- a. Conduct testing to determine if adequate radio communication capability exists from appropriate plant areas.

7. OUTSTANDING ITEM TO BE ACCOMPLISHED PRIOR TO START-UP FOLLOWING THE SECOND REFUELING OUTAGE

- a. If during acceptance testing it is determined that further modifications and/or testing are required, this shall be performed during a subsequent outage of sufficient duration but prior to start-up following the second refueling outage.

- D. GSU shall fully implement and maintain in effect all provisions of the Commission-approved physical security, guard training and qualification, and safeguards contingency plans including amendments made pursuant to provisions of the Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 and all amendments and revisions made pursuant to the authority of 10 CFR 50.90 and 10 CFR 50.54(p). The plans, which contain Safeguards Information protected under 10 CFR 73.21, are entitled: "River Bend Physical Security Plan," with revisions submitted through August 22, 1986; "River Bend Station Guard Training and Qualification Plan" with revisions submitted through December 16, 1986; and "River Bend Safeguards Contingency Plan" with revisions submitted through January 27, 1987.

3. This 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

Date of Issuance: November 2, 1987



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
SUPPORTING AMENDMENT NO. 16 TO FACILITY OPERATING LICENSE NO. NPF-47
GULF STATES UTILITIES COMPANY
RIVER BEND STATION, UNIT 1
DOCKET NO. 50-458

1.0 INTRODUCTION

By letter dated September 8, 1987, Gulf States Utilities Company (GSU) (the licensee) requested an amendment to Facility Operating License No. NPF-47 for the River Bend Station, Unit 1. The proposed amendment would revise license condition 2.C(1) Attachment 1, Item 4.b. concerning radio communication in plant areas as per 10 CFR 73.55(f)1.

As identified in the license condition, there are areas of the plant where communication with a hand held (portable) radio is difficult. The use of portable radios inside certain buildings while minimally acceptable, needs improvement to eliminate attenuation of radio signals caused by seismically constructed walls and certain types of equipment in localized areas of those buildings.

GSU has requested an extension of the date contained in the license condition to complete the installation of additional equipment and to complete the acceptance testing during plant outage conditions. Initial testing during an outage is recommended due to possible radio frequency interference problem with other electronic systems. Once this determination is made, the system will be qualified for operational use.

2.0 EVALUATION

The requested changes in dates contained in the proposed revision to the license condition are reasonable and the proposed changes are considered to be improvements in existing systems, with some improvements in place at this time. Because there are several redundant communications systems already in existence, this extension of dates does not introduce any additional risk to the security system at this site.

On the basis of the above, the staff concludes that the proposed changes are consistent with the intent of current regulatory requirements and published guidance and, therefore, are acceptable.

In addition, the staff has updated license condition 2.D to specify the current approved versions of the River Bend Physical Security Plan, River Bend Guard Training and Qualification Plan and River Bend Safeguards Contingency Plan and to add a reference to the Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55. This is an administrative change which has no impact on safety.

3.0 ENVIRONMENTAL CONSIDERATION

This amendment involves a change to a requirement with respect to the installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. The staff has determined that the amendment involves 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 this amendment involves no significant hazards consideration and there has been no public comment on such finding. Accordingly, this amendment meets 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 nor environmental assessment need be prepared in connection with the issuance of this amendment.

4.0 CONCLUSION

The staff 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, and (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public. The staff therefore concludes that the proposed changes are acceptable, and they are hereby incorporated into the River Bend Unit 1 license.

Principal Contributors: R. Skelton

Dated: November 2, 1987