



GULF STATES UTILITIES COMPANY

RIVER BEND STATION POST OFFICE BOX 220 ST. FRANCISVILLE, LOUISIANA 70775
AREA CODE 504 635-8094 346-8051

December 3, 1990
RBG- 34103
File Nos. G9.5, G15.4.1

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Gentlemen:

River Bend Station - Unit 1
Refer to: Region IV
Docket No. 50-458/90-26

Pursuant to 10CFR2.201, this letter provides Gulf States Utilities Company's (GSU) response to the Notice of Deviation for NRC Inspection Report No. 50-458/90-26. The inspection was conducted by Messrs. Ford and Loveless during the period of September 5 through October 16, 1990, of activities authorized by NRC Operating License NPF-47 for River Bend Station - Unit 1. GSU's response to the deviation is provided in the enclosure.

Should you have any questions, please contact Mr. L. A. England at (504) 381-4145.

Sincerely,

J. C. Daddens
Senior Vice President
River Bend Nuclear Group

LAE/DRD/FRC/DNL/JWC/ch

Attachment

cc: U. S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 1000
Arlington, TX 76011

Senior Resident Inspector
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ENCLOSURE

RESPONSE TO NOTICE OF DEVIATION 50-458/9026-01

REFERENCES

Notice of Deviation - Letter from S. J. Collins to J. C. Deddens, dated November 2, 1990.

DEVIATION FROM COMMITMENT ON LIGHTING LEVELS

The River Bend Station Updated Safety Analysis Report (USAR), Section 9.5.3.1.1, dated August 1987, states that "The station lighting systems provide lighting intensities at levels recommended by the Illuminating Engineering Society and in accordance with current OSHA requirements."

OSHA good practice procedures give, as a rule-of-thumb, 20-30 foot-candles for areas where services are performed and 50-60 foot-candles for areas where tasks are being performed.

The Illuminating Engineering Society Handbook, Section 9, "Electric Generating Station," recommends illuminance levels for nuclear power plants at 15 foot candles for uncontrolled auxiliary building areas.

Contrary to the above, on October 3, 1990, lighting in D tunnel did not meet these requirements in that approximately 75 percent of the lights in the tunnel were burned out and the intensity was such that valves and piping could only be seen with the aid of a flashlight.

REASON FOR THE DEVIATION

D tunnel is not a normally traveled plant area. It is assigned to the Electrical Foreman to patrol on a weekly basis. Due to increased activities for Refueling Outage No. 3 (RF-3) preparation, this patrol was not performed for two months prior to RF-3. This is the primary cause for the lack of lighting in D tunnel.

CORRECTIVE STEPS WHICH HAVE BEEN TAKEN AND THE RESULTS ACHIEVED

Immediately upon notification of inadequate lighting this area was relamped. In addition, Electrical Maintenance made a patrol of the entire plant including areas of infrequent travel.

CORRECTIVE STEPS WHICH WILL BE TAKEN TO PREVENT FURTHER DEVIATIONS

The weekly patrols of Electrical Maintenance Foreman will resume following RF-3. In addition to these patrols a "HOT" line has been set up in the Electrical Supervisor's office which will allow individuals to report poor lighting problems. This "HOT" line is connected to a recorder which allows 24-hour access and also allows for a review by the Electrical Supervisor on a daily work day basis.

DATE WHEN FULL COMPLIANCE WILL BE ACHIEVED

The corrective actions which have been taken are expected to maintain compliance with the USAR commitment.