GULF STATES UTILITIES COMPANY
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December 3, 1984
RBG- 19,604
File No. G9.5, G9.8.6.2

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Denton:

River Bend Station - Unit 1
Docket No. 50-458

Enclosed for your review is Gulf States Utilities Company response requested by the Nuclear Regulatory Commission's Instrumentation and Controls Systems Branch (ICSB). This letter will provide final close out to Confirmatory Item (39) of Table 1.4 of the Safety Evaluation Report. The enclosure contains changes to the Final Safety Evaluation Report (FSAR) text that will be incorporated into a future amendment.

Sincerely,

William J. Lee Jr.

for J. E. Booker
Manager-Engineering
Nuclear Fuels & Licensing
River Bend Nuclear Group

JEB/WJR/JEP/je erg

Enclosure

B001
1/1

ENCLOSURE

2. The same position cannot be entered into both channels.

3. Upon rod motion and a new position scan, the substitute rod position is overlayed with new data.

4. Unknown and substitute positions are logged and indicated in the main control room.

Failed drives may be bypassed entirely. ~~The maximum number of bypassed switches is 20.~~ Bypassed rods are not checked by the RPCS. All bypass switches are under keylock control. All bypass conditions including substitute rod positions are alarmed, indicated, and logged in the main control room and process computer.

In addition to the periodic self-test mode of system operation, the RC&IS can be routinely checked for correct operation by manipulating control rods using the various methods of control. Detailed testing and calibration can be performed by using standard test and calibration procedures for the various components of the reactor manual control circuitry.

7.6.1.8 Safety Relief Valves (SRV) - Relief Function

A. SRV Relief Function

The relief function of the SRV is to relieve high pressure conditions in the nuclear system that could lead to the failure of the reactor coolant pressure boundary. The system activates the safety relief valves to vent steam to the supression pool and reduce reactor pressure. See Section 5.2.2 for further details. Also, see Section 7.3.1.1.1.2 for the ADS function of selected SRV.

B. SRV Operation

Schematic arrangement of system mechanical equipment and operator information displays are shown in Figure 5.1-3. The SRV component control logic is shown in Figure 7.3-2. Instrument location drawings and elementary diagrams are identified in Section 1.7

The relief function of the SRV is provided by two redundant and independent trip systems, "A" and "B." Relief trip system "A" actuate the "A" solenoid air pilot valve on each SRV. Similarly, relief trip system "B" actuates the "B" solenoid pilot valve on each SRV. Either or both solenoid