



GULF STATES UTILITIES COMPANY

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July 30, 1985
RBG - 21731
File No. G9.5

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 a revision to Gulf States Utilities River Bend Station Final Safety Analysis Report. This revision, which has been previously discussed with your Staff, is submitted to provide consistency between the FSAR and the proposed Technical Specifications and will be incorporated in a future amendment.

Sincerely,

J. E. Booker

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

JEB/ERG

Enclosure

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RBS FSAR

QUESTION 421.020 (7.2, 7.3, 7.4)

Discuss the design provisions provided for conducting response time tests as described in IEEE 338-1977, "IEEE Standard Criteria for the Periodic Testing of Nuclear Power Generating Station Safety Systems," as supplemented by Regulatory Guide 1.118, "Periodic Testing of Electric Power and Protection Systems." As a minimum, provide the following information:

- (a) Identify any safety-related systems that do not have provisions for response time testing.
- (b) Confirm that the technical specifications will provide detailed requirements for the operator which insure that blocking of a selected protection function actuator circuit is returned to normal operation after testing.
- (c) Discuss response time testing of BOP and NSSS protection systems using the design criteria described in position C.12 of R.G. 1.118 and Section 6.3.4 of IEEE 338. Confirm that the response time testing will be provided in the technical specifications.

RESPONSE

- (a) All River Bend Station safety-related systems have provisions for response time testing with the exception of the following component sensors:
 - 1. Thermocouples
 - 2. Neutron monitors (SPMs, IRMs, LPRMs)
 - 3. Resistance temperature detectors (RTDs)
- (b) The ^{procedures which fulfill the} technical specifications ^{surveillance requirements} will provide detailed requirements for the operator to return a protection function actuator circuit to normal operation after it is tested. When a protection function actuator circuit is being tested and renders the protection system inoperative, the system manual bypass is activated. This informs main control room personnel of the status of the protection systems.
- (c) The River Bend Station position on Regulatory Guide 1.118, Revision 2, is provided in Section 1.8.