

GULF STATES UTILITIES COMPANY

RIVER BEND STATION POST OFFICE BOX 220 ST. FRANCISVILLE, LOUISIANA 70775
AREA CODE 504 635-8094 345-8851

November 10, 1992
RBG- 37790
File Nos. G9.5, G9.25.1.3

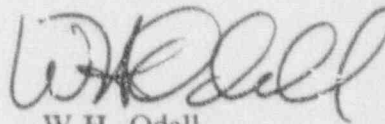
U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Gentlemen:

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

Enclosed is Gulf States Utilities Company's Special Report concerning an invalid failure of the Division I diesel generator at River Bend Station (RBS). This report is submitted pursuant to RBS Technical Specification 4.8.1.1.3 and 6.9.2.

Sincerely,



W.H. Odell
Manager - Oversight
River Bend Nuclear Group

LA/PDG/SRB/LRB
LA/PDG/FRC/DCH/JAD/kvm
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PDR ADOCK 05000458
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cc: U.S. Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011

NRC Resident Inspector
P.O. Box 1051
St. Francisville, LA 70775

INPO Records Center
1100 Circle Parkway
Atlanta, GA 30339-3064

Mr. C.R. Oberg
Public Utility Commission of Texas
7800 Shoal Creek Blvd., Suite 400 North
Austin, TX 78757

Louisiana Department of Environmental Quality
Nuclear Energy Division
P.O. Box 82135
Baton Rouge, LA 70884-2135
ATTN: Administrator

SPECIAL REPORT

REPORTED CONDITION

On October 13, 1992, with the reactor operating at 100 percent power (Operational Condition 1), the Division I emergency diesel generator (EDG) automatically shutdown during the regular monthly surveillance test due to a failure of shutdown control valve P-4, constituting an invalid failure. This Special Report is provided in accordance with Technical Specification 4.8.1.1.3 and Regulatory Guide 1.108.

INVESTIGATION

On October 13, 1992, surveillance test procedure (STP)-309-0201 was being performed on the Division I emergency diesel generator to fulfill Technical Specification monthly surveillance requirements. The emergency diesel generator was started and ran for approximately two minutes before shutting down automatically. The diesel operating parameters were normal and no annunciators were illuminated to indicate the cause of the shutdown.

CAUSE OF FAILURE

A maintenance work order (MWO) was initiated to determine the cause of the engine shutdown. The investigation determined the cause to be the failure of shutdown control valve P-4 in the group II pneumatic shutdown logic circuit. The control valve was replaced and the surveillance test was completed approximately 12 hours after the invalid failure. Shutdown control valve P-4 is bypassed during emergency starts. Therefore this failure is not a valid failure of the EDG, but does constitute an invalid failure.

Prior to the start and automatic shutdown, the EDG was started and manually shutdown due to an unrelated equipment problem. Therefore, the failure of shutdown control valve P-4 occurred after the first start attempt.

CORRECTIVE ACTION

Shutdown control valve P-4 was replaced under prompt MWO R059323. A normal SOP-0053 run was conducted after the P-4 valve was replaced. STP-309-0201 was successfully completed a few hours after the SOP run. All operating parameters were reported normal during the performance of both runs.

Diesel Generator Unit Designation and Number:

Division I, 1EGS*EG1A

Length of time Unavailable: 10.3 hrs

Current Surveillance Test Interval: 31 Days

Test Interval Conforms to Technical Specification: Yes

Failures for Division I EDG:

0 valid failures in last 20 valid test

2 valid failures in last 100 valid test

Number of Valid Failures in Previous 100 Valid Tests of ALL DGs at River Bend Station: 0