GULF STATES UTILITIES COMPANY

RIVER BEND STATION POST OFFICE BOX 220 ST. FRANCISVILLE, LOUISIANA 70775

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October 31, 1989
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U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Gentlemen:

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

Enclosed is Supplement 13 to the Startup Test Report for River Bend Station - Unit 1. This report covers the period through October 27, 1989. This information is provided pursuant to Technical Specifications 6.9.1.2 and 6.9.1.3 and Regulatory Guides 1.16 and 1.68. A schedule for completion of these open items will be provided by November 15, 1989 in accordance with the letter from your Mr. W. A. Paulson dated October 2, 1989. An additional report will follow within three months pursuant to Technical Specification 6.9.1.3.

Sincerely,

J W England

for J. E. Booker
Manager-River Bend Oversight
River Bend Nuclear Group

JEB/LAE/LLD/MSF/ch

Enclosure

cc: U. S. Nuclear Regulatory Commission
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GULF STATES UTILITIES COMPANY

RIVER BEND STATION - UNIT 1

STARTUP TEST REPORT (SUPPLEMENT 13)

27 OCTOBER 1989

STARTUP TEST REPORT (SUPPLEMENT 13)

1. The River Bend Station - Unit 1 Startup Test Program was concluded on June 16, 1986. This supplemental report provides the current status of open test exceptions from the July 27, 1989 supplement of the Gulf States Utilities Company, River Bend Station - Unit 1, Startup Test Report. Since the July 27, 1989 report, no test exceptions have been closed and nine open test exceptions remain.

2. All open test exceptions are categorized as affecting level 2 criteria or lower. Any level 1 criteria failures referenced in previous supplements were downgraded to level 2 criteria as a result of appropriate engineering analysis and are considered level 2 criteria in this report. This is consistent with the treatment of all test criteria referenced in the initial Startup Test Report. All open test exceptions were evaluated and approved by the on-site review committee for continued, safe, full power operation of River Bend Station - Unit 1.

3. Currently, the test exceptions are assigned to the individual system engineers to which the exceptions are most applicable. It is believed that each engineer's knowledge of the system will aid in expediting the closure of the test exceptions.

ST-13 Process Computer

TE-12: Temperature calibration problems were discovered as a result of BOP testing. These problems are still in the process of being corrected. Testing will be completed upon corrective maintenance on RTD calibration problem. Instrumentation and Controls calibration work is being worked as manpower permits. This level 2 exception was evaluated as not impacting safe, full power operation.

STATUS: Open

ST-22 Pressure Regulator

TE-22: Pressure regulator failed Level 2 criteria for incremental regulation. This exception will require retest, and a test procedure has been drafted by on-site GE personnel which will perform the retest. This exception has been determined not to impact safe, full power operation.

STATUS: Open

ST-23A Water Level Setpoint, Manual Feedwater Flow Changes

TE-19: Results of feedwater study by GE nearly complete to determine required modifications (if any) to conduct retest. Retest is required due to flow transmitters being recalibrated. A retest procedure for this test exception has been drafted by on-site GE personnel. This level 2 exception was evaluated as not impacting safe, full power operation.

STATUS: Open

ST-25C/D Main Steam Line Flow Instrumentation

TE-3: The elbow tap flow versus delta P curves are not within $\pm$ 5% of the design curves. Elbow tap flow data was taken during power ascension following the Refueling Outage (RF-1). Engineering is evaluating field data to determine required main steam line flow instrumentation calibration changes. A Modification Request (MR) is being processed to change applicable vendor documentation. General Electric has evaluated this data and agreed that this level 2 test exception does not impact safe, full power operation.

STATUS: Open

ST-30C Recirculation System Performance

TE-3: The Flow Control Valve mismatch that existed was reduced from 14% to 7% and the core and drive flow shortfalls have been resolved. GE and GSU evaluation is continuing on resolving the M ratio below design acceptance for Loop B problem. Retest may be necessary to satisfy the disposition of the M ratio problem due to the reduced Flow Control Valve mismatch. A retest procedure has been drafted by on-site GE personnel. This level 2 test exception does not impact safe, full power operation.

STATUS: Open

ST-95 Emergency Response Information System

TE-3: Module SD-10 for performing scram timing failed. This module only addressed the scram time of one rod. Work requests for correcting the problem were completed. However, this module failed again during retest. Plant maintenance and engineering personnel have not yet determined the cause of the second failure This level 2 exception does not impact safe, full power operation.

STATUS: Open

ST-100 Piping Vibration

TE-16: Vibration data for MSS Points T42 and T220 were not available due to failure of ERIS data collection panel 113. Panel 113 has been repaired. Lanyard pots for MSS-T220 were refurbished and calibrated during the first refueling outage. This level 2 test exception does not impact safe, full power operation.

STATUS: Open

TE-20: During generator load rejection (ST-27) points, MSS T-42Z, T-235X, Y, & Z, and FWS T-144X failed Level 1 criteria. MSS T-42X and FWS T-144Y and Z failed level 2 criteria. No data was available for condensate test point T/S-525 since CNN-AOV 119 failed to open. This test exception is open pending retest. Computer points are available. The lanyard pots for points MSS-T235, CNM-T525 and FWS-T144 were refurbished and calibrated during the first refueling outage. The test data was reviewed and found acceptable for continued safe, full power operation (downgraded to level 2) by S&W/NuPE.

STATUS: Open

TE-21: Test points MSS T-200, FWS T-39, SVV T-39, and T-85 were not operable during generator load rejection. Requires repair to ERIS data collection panel 107. This work was not scheduled for the refueling outage; however, the piping vibration sensors in the field were checked out. This level 2 test exception remains open for retest and does not impact safe, full power operation.

STATUS: Open