# GULF STATES UTILITIES COMPANY RIVER BEND STATION-UNIT 1 STARTUP TEST REPORT (SUPPLEMENT 6) 27 JANUARY 1988

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## STARTUP TEST REPORT (SUPPLEMENT 6)

- 1. The River Bend Unit 1 Startup Test Program officially was concluded on June 16, 1986. This report contains an update on the status of test exceptions which were open as of the October 27, 1987 supplement to the Gulf States Utilities Company, River Bend Unit 1, Startup Test Report. Since the October 27th report, no test exceptions have been closed. A total of thirteen (13) 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 reports 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 cleared for continued safe, full power operation.
- Currently, the remaining open test exceptions are assigned to the individual system engineers to which the exceptions are applicable. It is felt that each engineers's knowledge of the system would thus aid in expediting the closure of the exceptions.

# ST-1 Chemistry and Radiochemistry

TE 13: HEPA pre-filter efficiency did not meet level 2 acceptance criteria. Existing radionuclide levels continue to be insufficient to adequately measure filter efficiency. Data is being reviewed by GSU and it may be possible to close the TE, as is.

# STATUS: Open

TE 16: Insufficient radionuclide levels to determine off-gas pre- and post treatment monitor response versus release rate. This exception is to be resubmitted to the FRC for review and possible acceptance.

#### STATUS: Open

Note: These level 2 test exceptions have been evaluated as not impacting safe, full power operation.

#### ST-13 Process Computer

TE 12: Temperature calibration problems were discovered as a result of SOP 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 +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 will 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-74 Offgas System

TE 14: This TE was created as a result of the level 2 failures resulting from the retest of TE 12. The data from the retest is being evaluated by GSU for disposition. 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. Work requests for correcting the problem was completed. However, this module failed again during the retest. Plant Maintenance and Engineering personnel have not vet 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 was 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-422, T-235X, Y, & Z, & 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

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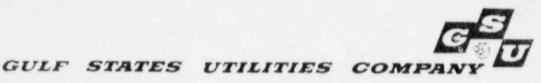
TE 21: Test points MSS T-200, FWS T-39, SVV T-39, and T-85 were not operable during generator load rejection. Requires repair to ERIS data collection panel 107. This work was not scheduled for the refueling outage, however, the piping vibration sensors in the field were checked out. This level 2 test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

# STATUS: Open

#### ST-104 ESF Area Cooling

TE 2: Measured ESF room temperature in the HPCS, RCIC, RHR A, RHR B, RHR C, exceed level 3 criteria of 90°F. No further progress has been made since the last supplement update. This level 3 test exception does not impact safe, full power operation.

STATUS: Open



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Gentlemen:

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

Enclosed is Supplement 6 to the Startup Report for River Bend Station -Unit 1. This report covers the period through January 27, 1988. 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. An additional supplemental report will follow within three months pursuant to Technical Specification 6.9.1.3.

Sincerely,

. E. Booker

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