GULF STATES UTILITIES COMPANY RIVER BEND STATION-UNIT 1 STARTUP TEST REPORT (SUPPLEMENT 3) 23 APRIL 1987

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STARTUP TEST REPORT (SUPPLEMENT 3)

- 1. The River Bend Unit 1 Startup Test Program was officially concluded on June 16, 1986. This report contains an update on the status of test exceptions which were open as of the February 19, 1987 supplement to the Gulf States Utilities Company, River Bend Station - Unit 1, Startup Test Report. Since Gulf States Utilities Company's February 19, 1987 report, River Bend Station - Unit 1 has been in a continuous full power run which began January 18, 1987. Closure of additional test exceptions depends primarily on the unit being in a shutdown condition for necessary maintenance or data collection during an intentional shutdown. The next scheduled outage is a refueling outage beginning September 15, 1987. 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 have been 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.

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 will be submitted to GE for evaluation and disposition.

STATUS: Open

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

STATUS: Open

Note: These two 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 BOP testing. These problems are still in the process of being corrected. Testing will be completed upon corrective maintenance on RTD calibration problem. 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. GE has evaluated and determined insufficient data was collected to determine acceptability. This exception will require 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: Awaiting results of feedwater study by GE to determine required modifications (if any) to conduct retest. Retest is required due to flow transmitters being recalibrated. 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. The largest deviation is 32%. General Electric has evaluated this data and agreed that this level 2 test exception does not impact safe, full power operation. Work requests have been generated to further investigate the problem during an outage condition.

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 probably occur to satisfy the disposition of the M ratio problem due to the reduced Flow Control Valve mismatch. 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 this retest has been submitted to GE for evaluation and 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 have been generated. 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 is scheduled for repair and points are to be retested. 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, & 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. The test data was reviewed and found acceptable for continued safe, full power operation (downgraded to level 2) by S&W/NuPE. This test exception is open pending retest.

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. 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. Evaluation still being performed by General Electric Engineering. This level 3 test exception does not impact safe, full power operation.

STATUS: Open