



# GULF STATES UTILITIES COMPANY

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AREA CODE 504 638-6004 346-6651

November 16, 1992

REG- 37750

File Nos. G9.5, G12.14

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

Gentlemen:

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

Pursuant to 10CFR50, Appendix J, Paragraph V.B, Gulf States Utilities Company provides its River Bend Station (RBS) "Reactor Containment Building Integrated Leak Rate Test" report as Attachment 2 to this letter. This report presents the results of the Type A test including the supplemental test used for verification. In addition, test results for Type B and C tests performed since the last Type A test are included in the report. The combined "as-found" Maximum Pathway leakage rate values for all penetrations and valves subject to Type B and C tests exceeded the acceptance criteria. Therefore, as required by Paragraph V.B.3, a separate summary report of leakage test results which failed to meet the acceptance criteria is provided as Attachment 1 to this letter. The periodic retest schedule for containment leakage will continue to follow the criteria set forth in 10CFR50, Appendix J, Paragraph III.D.

Sincerely,

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

200082

LAE/LLD/TCM/CWW/kvm

Attachment

cc: U.S. Nuclear Regulatory Commission  
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## ATTACHMENT 1

### Summary of Test Results That Failed to Meet Acceptance Criteria of 10CFR50, Appendix J

As required by 10CFR50, Appendix J, Paragraph V.B.3, this attachment provides the supplemental information for test results which failed to meet the acceptance criteria of 10CFR50, Appendix J. The penetrations are identified in Attachment 4B contained in Attachment 2 to the cover letter.

Prior to performance of the integrated leak rate test (ILRT), local leak rate tests (LLRTs) were performed to verify containment integrity. These Type B and C tests were performed on containment electrical penetrations, mechanical penetrations, containment isolation valves, air locks, etc. All tests were performed utilizing air or nitrogen as the test media at a minimum pressure of 7.6 psig ( $P_a$ ) for a minimum duration of 15 minutes after stabilization. The acceptance criteria for the LLRTs is that the total leakage does not exceed  $0.60 L_a$  where  $L_a$  is the maximum allowable leakage rate at pressure  $P_a$  (peak accident pressure) stated as a percent of containment free volume per day (24 hours).

As shown below the combined "as-found" Maximum Pathway leakage rate values for all penetrations and valves subject to Type B and C tests was greater than  $0.6 L_a$  and, consequently, exceeded the acceptance criteria.

#### DATA SUMMARY:

Total Allowable ( $0.6 L_a$ )	67,080 SCCM
Total "As-Found" Leakage	$>0.6 L_a$ SCCM
"As-Found" Maximum Pathway	$>0.6 L_a$ SCCM
Total "As-Left" Leakage	29,134 SCCM
"As-Left" Maximum Pathway	22,908 SCCM

The combined "as-left" Maximum Pathway leakage rate for all Type B and C tests was 22,908 SCCM which is well within the acceptance limit of  $0.6 L_a$  or 67,080 SCCM.