

The Light company

Houston Lighting & Power South Texas Project Electric Generating Station P. O. Box 289 Wadsworth, Texas 77483

February 13, 1992
ST-HL-AE-3998
File No.: G25,
G09.06
10CFR50, App. J

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

South Texas Project Electric Generating Station
Unit 2
Docket No. STN 50-499
Reactor Containment Building Integrated Leak Rate Test

Enclosed is a copy of the Integrated Leak Rate Test (ILRT) for the South Texas Project Unit 2 Reactor Containment Building. This 24-hour test was conducted on September 22 and 23, 1991, and it demonstrated that the containment leakage under prescribed post-accident conditions was well within the allowable leakage value specified in the STPEGS Technical Specifications. In addition Unit 2 was tested at a higher test pressure (42.5 psig vs 37.5 psig) than previously conducted ILRT's to account for the new calculated containment net free volume. The ILRT was followed by a successful test to verify instrumentation performance in accordance with 10CFR50 Appendix J. This report is provided for your information and use in accordance with 10CFR50, Appendix J, V.B.

If additional information is required, please contact me at (512) 972-7205.

William J. Jump
William J. Jump
Manager,
Nuclear Licensing

SDP/amp

Attachment: Reactor Containment Building Integrated
Leak Rate Test Report

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A Subsidiary of Houston Industries Incorporated

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Houston Lighting & Power Company
South Texas Project Electric Generating Station

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