

Pt. 21 / 50.55(e) DMB
50-498/499

The Light company

Houston Lighting & Power P.O. Box 1700 Houston, Texas 77001 (713) 228-9211

July 2, 1981
ST-HL-AE-686
SFN: V-0530



Mr. Karl Seyfrit
Director, Region IV
Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 1000
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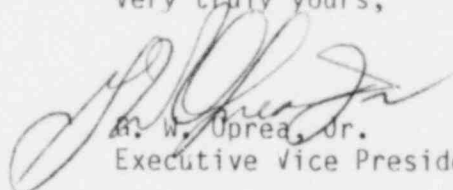
Dear Mr. Seyfrit:

South Texas Project
Units 1 & 2
Docket Nos. STN 50-498, STN 50-499
Final Report on the Containment
Gas Analysis System Overpressurization

By letter dated June 6, 1980, pursuant to 10CFR50.55(e), Houston Lighting & Power Company (HL&P) submitted to your office an interim report concerning the design of the containment gas analysis system supplied by Comsip, Inc. In addition, this concern had been communicated to the NRC by Comsip, Inc. on April 3, 1980 pursuant to 10CFR21.

Repairs to the containment gas analysis systems have been completed utilizing repair kits furnished by Comsip. The Final Report on this matter is attached.

Very truly yours,


M. W. Oprea, Jr.
Executive Vice President

SSR/amj
Attachments

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Page 2

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FINAL REPORT
CONTAINMENT GAS ANALYSIS SYSTEM OVERPRESSURIZATION
July 2, 1981

DESCRIPTION OF THE INCIDENT

By letter dated April 3, 1980 Comsip, Inc. notified the NRC Region V office of a concern pursuant to 10CFR21. The concern relates to the design of the containment gas analysis system such that the system could be rendered inoperable under certain conditions. Please refer to the Comsip letter for a detailed description.

CORRECTIVE ACTION

Comsip has provided a modification kit as discussed in their April 3, 1980 letter to the NRC Region V office to alleviate the defect. This kit is comprised of a pump recirculation line, with a check valve, between the pump discharge and suction lines. These kits have been installed in the containment gas analysis systems at the STP site.

SAFETY ANALYSIS

This deficiency could have impaired the ability to perform hydrogen monitoring, which is required for post-accident operation. An additional concern was breaching the integrity of the containment gas analysis system. The corrective action taken eliminates these concerns. Additional detail concerning the safety evaluation is provided in Comsip's April 3, 1980 letter to the NRC Region V office.