

The Light company

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

December 9, 1983
ST-HL-AE-1029
File Number: G12.112

Mr. John T. Collins
Regional Administrator, Region IV
Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76012

Dear Mr. Collins:

South Texas Project
Units 1 & 2
Docket Nos. STN 50-498, STN 50-499
Supplemental Report Concerning Westinghouse Steam
Generator Tube Rupture Analysis

On January 19, 1982, Houston Lighting & Power (HL&P), pursuant to 10CFR50.55(e), notified your office of an item concerning the Steam Generator Tube Rupture (SGTR) analysis. This analysis was performed by Westinghouse (W) and is referenced in FSAR section 15.6.3. HL&P subsequently submitted a final written report on June 10, 1982 (ST-HL-AE-834) informing you that our evaluation had concluded that this item did not meet the criteria for reportability under 10CFR50.55(e).

In our final report we informed you that the accident scenario of concern was the SGTR concurrent with a loss of off-site power. The FSAR analysis assumes the RCS can be depressurized within 30 minutes by means of the pressurizer PORV's. At the time we submitted our final report, the South Texas Project design called for the pressurizer PORV's to be air-operated valves supplied from the non-Class 1E instrument air compressors. Our determination of non-reportability was based on the capability to manually transfer the instrument air compressors to a non-Class 1E diesel generator. This source of power would permit use of the pressurizer PORV's to reduce primary pressure. Therefore, that design met the FSAR analysis assumptions.

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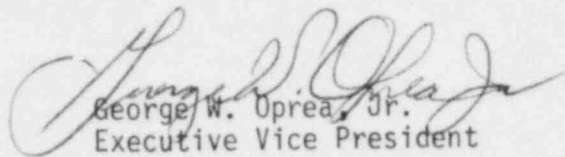
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This supplemental report is to inform you that for other reasons the design of the pressurizer PORV's has been changed to safety-grade, active, solenoid-operated valves powered from separate Class 1E DC sources.

Our original conclusion of non-reportability remains unchanged.

Very truly yours,


George W. Oprea, Jr.
Executive Vice President

SSR/mpg
Attachment

cc:

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