

The Light company

Houston Lighting & Power

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

February 19, 1988
ST-HL-AE-2516
File No.: G02
10CFR50

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

South Texas Project Electric Generating Station
Unit 1
Docket No. STN 50-498
Auxiliary Feedwater Hydraulic
Transient-Supplemental Report

Reference 1) Letter from M. R. Wisenburg to Document Control Desk, dated
December 26, 1987 (SI-HL-AE-2461).

In Reference 1, Houston Lighting & Power Company (HL&P) provided a report on the hydraulic transients which occurred in the Auxiliary Feedwater (AF) System beginning in early November of 1987. The report described the testing and corrective action taken to prevent the observed hydraulic transients. In addition, HL&P committed to perform confirmatory tests to verify the operability of the modified flow control valves and the crossover valves. This testing has been successfully completed. The attached report documents the results of the tests.

In Item "a" on Page 2 of Reference 1 and Item 7 on Page 79 of the AF System Report, HL&P committed to modify and test of the flow control valves in Unit 1 to determine if the need for the positive stop can be eliminated on both units. However, the Unit 1 test results with the mechanical stops installed prove the AF system can readily maintain steam generator level during all plant operating modes. These stops provide a positive method to eliminate the pressure pulsations that induced the hydraulic transients. As such, future elimination of the Unit 1 or Unit 2 mechanical stops is not anticipated at this time.

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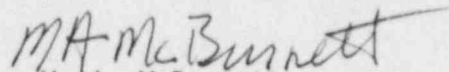
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If you should have any questions on this matter, please contact
Mr. S.M. Head at (512) 972-8392.


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SLR/SMH/dg

Attachment: Supplemental Report on the Investigation
of Hydraulic Transient Events in the
Auxiliary Feedwater System

cc:

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