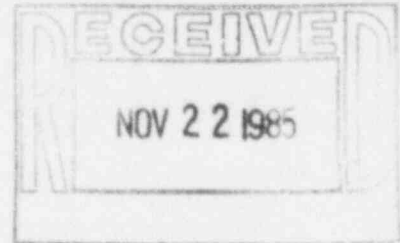


The Light company

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

November 19, 1985
ST-HL-AE-1522
File No.: G12.293

Mr. Robert D. Martin
Regional Administrator, Region IV
U. S. Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76011



South Texas Project
Units 1 & 2
Docket Nos. STN 50-498, STN 50-499
First Report Concerning
The Specification for Pipe Support For Small Bore Piping

Dear Mr. Martin:

On October 21, 1985 Houston Lighting & Power (HL&P) notified your office, pursuant to 10CFR50.55(e), of an item involving the design of guide shoe attachments for the supports for insulated small bore piping. This is our first report concerning this item.

During a review of the small bore pipe support specification, concerns were identified in the design of the support assembly. Analytical calculations indicate overstress in the guide shoe attachment welds. The AWS code requires a reduction in the effective throat size of the welds based on weld preparation angle. The original design calculations did not take the required reduction into account.

A second concern exists for two types of assemblies. The specified clearances combined with the allowable field installation tolerance, could result in loss of contact between the clamp support and one of its two guides.

A test program was initiated so that an analysis by load rating can be performed. Preliminary results of the tests indicate that no safety concern exists in either case. For good construction practice, however, the tolerances have been revised.

Our next report will be submitted by January 31, 1986. Any necessary corrective action and recurrence control, along with the safety analysis, will be provided in the final report.

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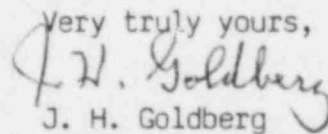
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Houston Lighting & Power Company

ST-HL-AE-1522
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Page 2

If you should have any questions on this matter, please contact
Mr. M. E. Powell at (713) 993-1328.

Very truly yours,

A handwritten signature in dark ink, appearing to read "J. H. Goldberg". The signature is written in a cursive style with a large, stylized "J" and "G".

J. H. Goldberg
Group Vice President, Nuclear

PL/JSP/yd

cc:

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Revised 9/25/85