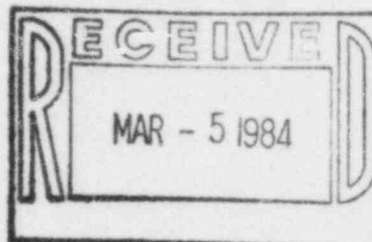


The Light company

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

February 29, 1984
ST-HL-AE-1063
File No.: G12.181



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

Dear Mr. Collins:

South Texas Project
Units 1 & 2
Docket Nos. STN 50-498, STN 50-499
Final Report Concerning
Pipe Stress Analysis Design Process

On December 28, 1983, pursuant to 10CFR50.55(e), Houston Lighting & Power Company (HL&P) notified your office of an item concerning the pipe stress analysis design process. This item was potentially reportable based on Engineering Assurance Program (EAP) design assessment review 83-3 covering pipe stress analysis of the residual heat removal (RHR) and safety injection (SI) systems. This report listed several concerns which required evaluation. Among other things, these concerns addressed the level of detail and technical guidance provided in design documents, an apparent lack of documentation of open items/deviations in calculations, adequacy of multi-discipline input for system design/modes of operation and the use of appropriate stress intensification factors.

As identified to you in our letter of January 26, 1984 (reference ST-HL-AE-1049), we requested that this item remain potentially reportable pending completion of our evaluation relative to 10CFR50.55(e). The evaluation consisted of a point by point review of the concerns raised in the EAP report. Where a concern was found to have merit, its impact was evaluated to determine whether it could have created a safety hazard, if left uncorrected. Our evaluation has been completed and we have concluded that there are no deficiencies which would have created a safety hazard.

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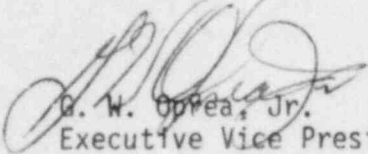
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In conclusion, on the basis of the evaluation, this item is not reportable pursuant to 10CFR50.55(e).

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

Very truly yours,


G. W. Oprea, Jr.
Executive Vice President

MEP/mpg

cc:

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