

The Light company

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

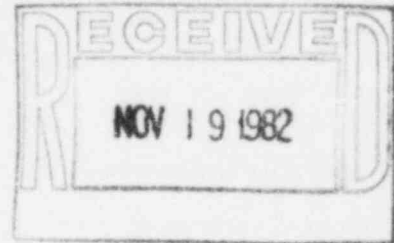
November 18, 1982

ST-HL-AE-907

SFN: V-0530

PFN: G12.132

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
Report Concerning the Essential Cooling Pond Analysis

On October 19, 1982, pursuant to 10CFR50.55(e), Houston Lighting & Power Company (HL&P) notified your office of a potential deficiency involving the design of the Essential Cooling Pond and its effect on the Essential Cooling Water (ECW) and Component Cooling Water (CCW) Systems.

At that time, we stated that updated calculations of the supply temperature of water servicing the safety-related equipment on the ECW and CCW indicated the maximum temperature limit previously specified to the equipment manufacturer may be exceeded. The calculations were re-reviewed to assure confidence in the predicted temperature values prior to discussing the problem with the equipment supplier.

To date no safety hazard has been identified. Evaluation of the balance of plant equipment is complete. However, we are awaiting written confirmation from one remaining equipment supplier that equipment within their scope of supply will perform its safety function at these elevated temperatures. This evaluation is not considered an extensive effort. This information is expected to allow us to make a final determination and file a report by December 9, 1982. HL&P requests that this item remain potentially reportable until this report is submitted.

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PDR ADOCK 05000498
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Houston Lighting & Power Company

If you should have any questions concerning this item, please contact Mr. Michael E. Powell at (713) 877-3281.

Very truly yours,

J. H. Goldberg for
G. W. Oprea, Jr.
Executive Vice President

MEP/mg

Houston Lighting & Power Company

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