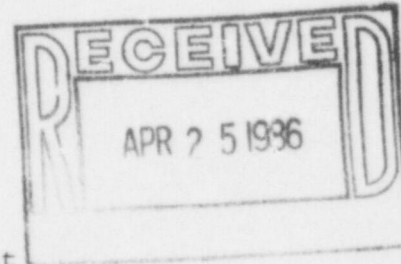


The Light company

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

April 23, 1986
ST-HL-AE-1646
File No.: G12.223,G2.2

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
Supplemental Report Concerning Flood Protection

Dear Mr. Martin:

On December 20, 1984, Houston Lighting & Power Company (HL&P) notified the Nuclear Regulatory Commission of a reportable deficiency related to inadequate flood protection of Category I structures. On July 31, 1985, a final report on this item was submitted to your office. This report provides supplemental information on the resolution to the subject deficiency.

The July 31, 1985 Final Report described part of the deficiency as:

"A. The cover for the top of the Tendon Gallery (TG) access shaft is not watertight. Flooding of the TG is not a safety concern, however, a non-watertight access door exists between the TG and the Mechanical Electrical Auxiliary Building (MEAB). Therefore flooding of the TG could ultimately result in the flooding of the MEAB."

The corrective action for this deficiency was described as:

"A. The lower elevation of the TG shall have a watertight door provided to prevent flood waters from entering the MEAB. The design has been revised."

Upon further consideration, we have decided to implement more effective corrective measures. Rather than provide a watertight door leading to the MEAB, flooding of the TG will be prevented by providing joint seals for the access shaft cover. The sealed cover will withstand the hydrostatic pressure resulting from the Design Basis Flood level. The design drawings have been revised.

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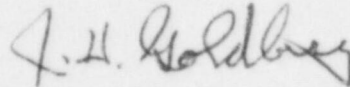
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Houston Lighting & Power Company

ST-HL-AE-1646
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Page 2

If you should have any questions on this matter, please contact
Mr. C. A. Ayala at (512) 972-8628.

Very truly yours,



J. H. Goldberg
Group Vice President, Nuclear

RLE/yd

L1/NRC/er

cc:

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Revised 12/2/85