

**The Light
company**

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

July 29, 1981
ST-HL-AE-708
SFN: V-0530

Mr. Karl Seyfrit
Director, Region IV
Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76012

Dear Mr. Seyfrit:

South Texas Project
Units 1 & 2
Docket Nos. STN 50-498, STN 50-499
Second Interim Report Concerning
Heating, Ventilation and
Air Conditioning Design



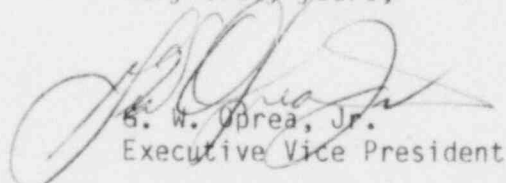
On May 8, 1981, pursuant to 10CFR50.55(e), Houston Lighting & Power Company notified your office of an item concerning the consideration of certain faulted condition heat loads in the design of portions of the Heating, Ventilation and Air Conditioning (HVAC) system. Based on an assessment of preliminary thermal environmental data, certain spaces and cubicles within the Mechanical-Electrical Auxiliary Building (MEAB) and the Fuel Handling Building (FHB) will likely require additional HVAC capacity.

A conceptual design that has been supplied by Brown & Root is being evaluated to ensure that equipment design qualification temperatures and equipment heat losses for all modes of plant operation are included in the design. Specific design modifications are dependent upon the results of our current evaluations.

The next interim report concerning this item will be submitted to your office by October 23, 1981.

If there are any questions concerning this item, please contact Mr. Michael E. Powell at (713) 676-8592.

Very truly yours,


S. W. Oprea, Jr.
Executive Vice President

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MEP/amj

Houston Lighting & Power Company

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M. D. Schwarz (Baker & Botts)
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