

*DMB 50.55(e) Original not  
DN 50-498/499 available to RIV  
Connie Lattigo*

# The Light company

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

June 9, 1981  
ST-HL-AE-676  
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  
First Interim Report Concerning  
Heating, Ventilation and  
Air Conditioning Design



On May 8, 1981, pursuant to 10 C.F.R. 50.55(e), Houston Lighting and Power Company notified your office of a potentially reportable item concerning the consideration of certain faulted condition heat loads in the design of portions of the Heating, Ventilating and Air Conditioning (HVAC) system. Based on our assessment of preliminary thermal environmental data, certain spaces and cubicles within the Mechanical-Electrical Auxiliary Building and the Fuel Handling Building might require additional HVAC capacity.

A conceptual design for supplemental HVAC based on equipment design qualification temperatures and equipment heat losses for all modes of plant operation should be available by July 1, 1981. The design modifications will supplement the existing HVAC design. Final HVAC design will be consistent with equipment operability requirements under the most limiting plant operating conditions. Specific design modifications are dependent upon the results of our current evaluations.

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The next interim report concerning this item will be submitted to your office by July 30, 1981. Should you have further questions concerning this item, please contact Mr. M. E. Powell at 676-8592.

Very truly yours,

*G. W. Oprea for*

G. W. Oprea  
Executive Vice President

MEP/LRJ

Houston Lighting & Power Company

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6-9-81