

# The Light company

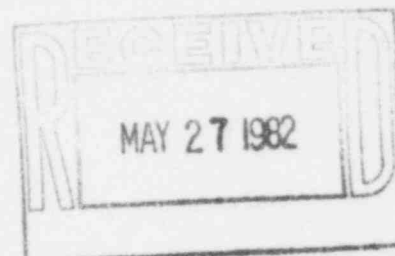
Houston Lighting & Power P.O. Box 1700 Houston, Texas 77001 (713) 228-9211

May 26, 1982

ST-HL-AE-835

SFN: V-0100

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  
Fourth Interim Report Concerning  
Heating, Ventilation and Air Conditioning Design

On May 8, 1981, pursuant to 10CFR50.55(e), Houston Lighting & Power Company (HL&P) 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, it was identified that 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 based on the aforementioned preliminary data was previously developed by Brown & Root, Inc. (B&R) and forwarded to HL&P for consideration. In addition, in order to expedite resolution of this item, two consultants were engaged by B&R to perform system review, evaluation and design recommendation activities. The reports by the consultants have been received by B&R and transmitted to Bechtel Power Corporation (BPC) as part of the transition activities. BPC is presently in the process of performing a detailed review of the South Texas Project (STP) HVAC design (including these areas of concern) as part of transition work packages EM-550, 551, 552, 553 and 555. The consultants reports will be incorporated in BPC's review.

In our third interim report, HL&P identified that upon completion of the review by BPC, a schedule would be transmitted to your office. Currently, BPC anticipates completion of the HVAC work package activity by mid-September 1982. In our next interim report, HL&P will provide a program description and

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Houston Lighting & Power Company

Fourth Interim Report Concerning  
Heating, Ventilation and Air Conditioning

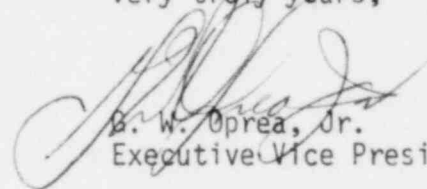
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schedule of necessary activities which will include revising as necessary, the appropriate design criteria documents and verifying the HVAC equipment performance parameters.

The next interim report concerning this item will be submitted to your office by October 18, 1982.

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

Very truly yours,



B. W. Oprea, Jr.  
Executive Vice President

MEP/kr

Houston Lighting & Power Company

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May 26, 1982

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