



# Houston Lighting & Power Company

Electric Tower  
P.O. Box 1700  
Houston, Texas 77001

December 27, 1978  
SFN: V-053  
ST-HL-AE-314

Director, Region IV  
Office of Inspection and Enforcement  
Nuclear Regulatory Commission  
Suite 1000  
611 Ryan Plaza Drive  
Arlington, TX 76102

Subject: South Texas Project Units I & II  
Docket Nos. STN 50-498, STN 50-499  
Interim Report on the Reportable Deficiency  
Concerning Beam to Column Connections for  
Unit I of the South Texas Project

Dear Sir:

On November 27, 1978, pursuant to 10 CFR 50.55 (e)(2), Houston Lighting & Power Company notified your office of the failure to properly consider the application of certain postulated loads in the interior structural steel beams design for the Unit I Reactor Containment Building of the South Texas Project. An extensive review of the design verification program has been initiated. As of this date, Brown & Root has been able to determine that this deficiency, if left uncorrected, would not have resulted in a significant safety hazard.

An interim report on this deficiency is attached. Investigation of the design verification program is continuing. A final report will be issued to the NRC on or about June 1, 1979.

Very truly yours,

E. A. Turner  
Vice President  
Power Plant Construction  
and Technical Services

LRJ/SSR/bf  
Attachment

cc: Messrs ✓ Director, Office of Inspection and Enforcement  
Nuclear Regulatory Commission  
Washington, D. C. 20555  
C. Thrash (Baker & Botts)  
R. Gordon Gooch (Baker & Botts)  
J. R. Newman (Lowenstein, Newman, Reis & Axelrad)  
D. G. Barker (HL&P)

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