

# The Light company

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

December 21, 1984  
ST-HL-AE-1157  
File Number: G12.151, J22

Mr. Robert D. Martin  
Regional Administrator, Region IV  
Nuclear Regulatory Commission  
611 Ryan Plaza Drive, Suite 1000  
Arlington, Texas 76011

Dear Mr. Martin:

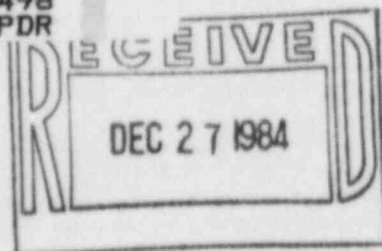
South Texas Project  
Units 1 & 2  
Dockets Nos. STN 498, STN 50-499  
Revision to the Final Report Concerning the  
Westinghouse Process Control & Protection System

By letter dated July 28, 1983 (reference ST-HL-AE-981), Houston Lighting & Power Company (HL&P) submitted a final 10CFR50.55(e) report concerning the Temperature Channel Test (NTC) card in the Westinghouse (W) 7300 Process Control and Protection System. The concern was that during seismic testing of the NTC card, contact bounce was experienced in the mercury relay utilized on this card. This intermittent contact bounce could result in signal saturation of the downstream RTD Amplifier (NRA) card in the T(hot) and T(cold) circuits of the 7300 Process Control and Protection System. Saturation of the NRA card in the non-filtered STP design application could delay initiation of Overtemperature-Delta T and Overpower-Delta T trips. Such saturation induced delay would only occur as a result of contact bounce induced by a seismic event coincident with the demand for such a trip.

Our report stated that a replacement relay was being developed and tested by W and that W Field Change Notices (FCN's) would be issued during 1984 for both units. To date, a replacement relay is still being developed and tested by W and the FCN's have not yet been issued. The FCN's will be issued and the modifications will be incorporated prior to fuel load for each unit.

If you should have any questions concerning this matter, please contact Mr. Michael E. Powell at (713) 993-1328.

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PDR ADOCK 05000498  
S PDR



Very truly yours,

*G. W. Oprea, Jr.*  
G. W. Oprea, Jr.  
Executive Vice President

MEP/mg

W1/L008/g

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cc:

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