

# The Light company

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August 7, 1985  
ST-HL-AE-1283  
File No.: G4.2, G9.7

Mr. George W. Knighton, Chief  
Licensing Branch No. 3  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555

South Texas Project  
Units 1 & 2  
Docket Nos. STN 50-498, STN 50-499  
Fire Protection Meeting Minutes

Dear Mr. Knighton:

On May 21, 1985 the NRC and HL&P met to discuss the Fire Protection Program for STP. The purpose of the meeting was to demonstrate the adequacy of HL&P's Fire Protection Program based on the three train concept. During the discussions the following major points were made:

- o HL&P indicated that the next Fire Hazards Analysis Report (FHAR) submittal would indicate that our design intent is to meet Appendix R.
- o HL&P reiterated its position on the acceptability of not spraying the cable vault areas. The basis for this position is that even with the complete loss of one cable vault (or any fire area) STP is equivalent or safer from a fire protection standpoint than other plants because there would remain two shutdown paths available. HL&P noted that the extremely high cost of seismically supported sprays is not necessary or justified in light of the three train-availability for STP.
- o The NRC indicated a willingness to discuss alternatives to NFPA-13 sprays which would keep cable fires from spreading. These alternatives would consist of some form of area spray coverage or foam.

HL&P committed to evaluate these alternatives and will discuss the findings with the staff at a later date.

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- o The NRC pointed out that the presentation of the "three train concept" in the FHAR requires clarification.

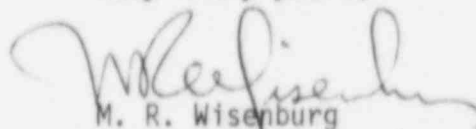
HL&P committed to addressing the NRC's concerns about the content of FHAR. As indicated above, the report would indicate our conformance to Appendix R.

At the end of the meeting it was concluded that another meeting would be necessary to discuss HL&P's conclusions relative to the NFPA-13 alternative sprays. This meeting has not yet been scheduled.

Subsequent to the meeting, HL&P reiterated that personnel could be made available on short notice to discuss all aspects of the FHAR.

If you have any questions on the content of this letter, please contact Mr. M. E. Powell at (713) 993-1328.

Very truly yours,



M. R. Wisenburger  
Manager, Nuclear Licensing

SMH/as

cc:

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