

# The Light company

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October 30, 1985  
ST-HL-AE-1494  
File No.: G9.17

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 and 2  
Docket Nos. STN 50-498, STN 50-499  
Response to DSER/FSAR Item  
Concerning the ESF Load Sequencer Reliability Analysis

Dear Mr. Knighton:

The attachment enclosed provides STP's response to Draft Safety Evaluation Report (DSER) or Final Safety Analysis Report (FSAR) items.

The item number listed below correspond to those assigned on STP's internal list of items for completion which includes open and confirmatory DSER items, STP FSAR open items and open NRC questions. This list was given to your Mr. N. Prasad Kadambi on October 8, 1985 by our Mr. M. E. Powell.

The attachment includes mark-ups of FSAR pages which will be incorporated in a future FSAR amendment unless otherwise noted below.

The items which are attached to this letter are:

<u>Attachment</u>	<u>Item No.*</u>	<u>Subject</u>
1	Q430.118N	ESF Load Sequencer Reliability Analysis

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PDR ADDCK 05000498  
E PDR

\* Legend

D - DSER Open Item  
F - FSAR Open Item

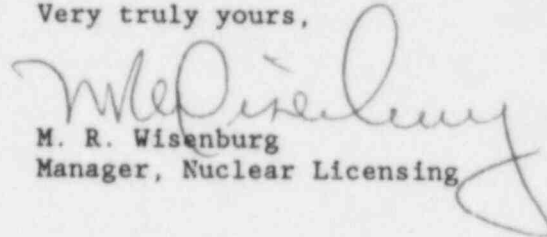
C - DSER Confirmatory Item  
Q - FSAR Question Response Item

L1/DSER/a6

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

Very truly yours,



M. R. Wisenburg  
Manager, Nuclear Licensing

MEP/bl

Attachments: See above

cc:

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Revised 9/25/85

Question 430.118N

Provide the results of a reliability analysis for the solid state load sequencer that demonstrates that overall reliability or capability of the onsite power system to supply power to safety loads on demand has not been significantly reduced by the use of solid state load sequencers.

Response

The reliability analysis for the solid state Engineered Safety Feature (ESF) load sequencer ~~is currently under review. It is anticipated that the approved analysis will be available by August 30, 1985.~~

*has been provided under separate cover,  
in letter ST-HL-AE-1471, dated October 27, 1985.*

*This analysis demonstrates the high reliability of the ESF load sequencers. Thus the overall reliability of the onsite power system is not significantly affected by the use of these load sequencers.*