

# The Light company

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December 4, 1985  
ST-HL-AE-1540  
File No.: G9.17

Mr. Vincent S. Noonan, Project Director  
PWR Project Directorate #5  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555

South Texas Project  
Units 1 and 2  
Docket Nos. STN 50-498, STN 50-499  
Responses to DSER/FSAR Items  
Geology

Dear Mr. Noonan:

This letter provides follow-up information to a previous submittal sent to your office on October 31, 1985 (ST-HL-AE-1499). During a meeting with Bechtel, NRC, Harding Lawson Associates (HLA) and Houston Lighting & Power (HL&P) on October 23, 1985, HL&P agreed to provide additional information (see Attachment 1) regarding the geology issues discussed in Section 2.5 of the Draft Safety Evaluation Report.

Attachment 2 addresses item #7 of the information requested by NRC. This attachment provides a consolidated contour map of the structures identified in the HLA report "Interpretation of Geophysical Data-South Texas Project - October 30, 1985."

In regards to item #9 of Attachment 1, HL&P plans to incorporate the geotechnical monitoring for the STP plant site as part of the normal plant operating procedures. The procedures for monitoring the north portion of the Main Cooling Reservoir will be implemented similarly. The procedures will be structured such that appropriate administrative personnel are kept informed of the monitoring status.

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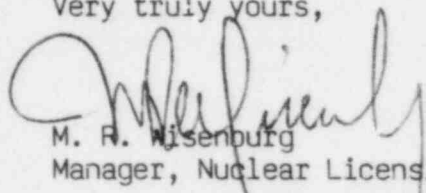
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*J. Knight - Ltr Only*

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

Very truly yours,

  
M. R. Wisenbourg  
Manager, Nuclear Licensing

RLE/yd

- Attachments:
1. "Information Requested During 10/23/85 Meeting with NRC and STP Personnel"
  2. Geologic Contour Map

cc:

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Attachment 1

INFORMATION REQUESTED DURING 10/23/85  
MEETING WITH NRC AND STP PERSONNEL

DATE

NATURE OF RESP.

ATTACHMENT TO ST-HL-  
AE-1499 WHICH AD-  
DRESSES THIS ITEM

(1) HLP to state fault's A&I are not unique	10/28 *	Not unique and why	2 and 3
(2) Likelihood of earthquakes attributed to filling of MCR	11/1	Fault capability is limiting (FSAR)	9
(3) HLP to submit HLA report	10/28 *	Updated	2
(4) HLP to correlate depth to seconds by 10/24	10/24 *	Updated, part of 3	2
(5) HLP to provide geological information obtained from relocated Little. Rob. Slough excavation	10/28 *	Geological Map	4
(6) Displacement data at shallowest pick on faults A, I, J	10/28 *	-	2
(7) HLP to provide consolidated Fault Map	12/1	-	TO BE PROVIDED LATER
(8) Discuss eastern extent of Fault I	10/28 *	-	2
(9) HLP to provide formal commitment to Geotechnical Monitoring Program; Tech. Spec. or OP Proc.	12/1	-	TO BE PROVIDED LATER
(10) Age depth correlation to be modified	10/30	-	7
(11) Sect. 2.5.1 - Lineament & fault have no correlation including well casement evaluation	10/28 *	Similar to 5, rewrite	4

\* Note: Draft of information previously made available to NRC

Attachment 2



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## **SEE APERTURE CARDS**

NUMBER OF PAGES: 1

ACCESSION NUMBER(S):

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