

The Light company

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July 29, 1985
ST-HL-AE-1305
File No.: G9.10

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
NRC Request For Additional Information
Concerning Heavy Load Handling Systems

Dear Mr. Knighton:

Your June 18, 1985 letter requested the following information on heavy load handling systems.

Describe the means provided to assure the integrity of lifting eyes, concrete structures, and any other heavy loads so that they will not fall apart while being handled during refueling should the lifting eye fail or the load impact other structures.

Alternately, describe the consequences of failure of concrete structures or other heavy loads during handling. This evaluation should confirm that unacceptable fuel damage or damage to safety related equipment will not occur.

Houston Lighting & Power Company (HL&P) completed a thorough review of load handling systems at the South Texas Project Electric Generating Station (STPEGS) pursuant to Generic Letter 81-07. A report in response to this Generic Letter was submitted on December 19, 1983, and based on questions resulting from NRC's review of this report a revised report was submitted on October 19, 1984. In this report, HL&P documents the review of load handling systems at STPEGS which could drop a heavy load on spent

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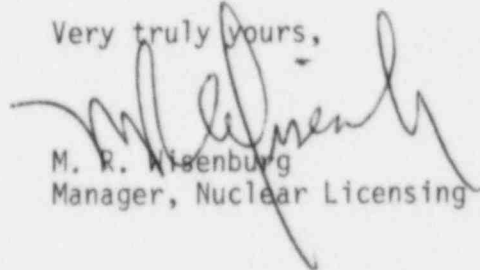
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fuel, the spent fuel cooling system, or safety related systems. As documented in this report, heavy loads that do not satisfy the criteria for a single failure proof load handling system or have sufficient safety factors to make a load drop extremely unlikely (including interfacing lift points) are provided with safe load paths that avoid passing the loads over spent fuel, the spent fuel cooling system or safety related components during modes of operation when the components are required.

If you have any questions, please contact M. A. McBurnett at 512-972-8530.

Very truly yours,



M. R. Wisenburg
Manager, Nuclear Licensing

MAM/bjf

cc:

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