

The Light company

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June 27, 1986
ST-HL-AE-1697
File No.: G4.2

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
ACRS Report on South Texas Project, Units 1 & 2

Dear Mr. Noonan:

In your letter of June 13, 1986 you requested that NRC be informed of HL&P's actions relative to the three areas of interest which were highlighted in the June 10, 1986, ACRS report to Chairman Palladino. Our actions and plans are summarized below:

RHR Pump Qualification

In our response to NRC Question 440.39 submitted by letter from M. R. Wisenburg to G. W. Knighton dated October 31, 1985 (ST-HL-AE-1492), HL&P committed to qualify the RHR pumps for the environmental conditions resulting from loss-of-coolant accidents and a main steam line break. This qualification would demonstrate that the RHR system would be capable of operating, as required, to provide for long term reactor core cooling in the unlikely event of a small break LOCA, an isolatable LOCA or a main steam line/main feed line break inside reactor containment.

Examination of existing environmental qualification documentation provides what we believe to be a sufficient basis for demonstrating the qualification of the RHR pump motors. The qualification envelope is based on consideration of the expected operating environment and the anticipated operational requirement for the RHR system. Accordingly we are proceeding to document our conclusions. This documentation will be in place by September 1986 in time to support an audit by the NRC staff early this fall.

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CAT Inspection

Based on the information provided by the CAT during their exit meeting HL&P initiated actions to address the specific inspection findings and a number of improvements to enhance proper completion of the Project. These improvements were described in detail in J. H. Goldberg's letter to R. D. Martin dated January 10, 1986 (ST-HL-AE-1575).

In J. H. Goldberg's letter to R. D. Martin dated April 2, 1986 (ST-HL-AE-1689), HL&P submitted responses to those items listed as Potential Enforcement Actions in the CAT inspection report dated February 5, 1986 as well as responses to other items which were discussed in the transmittal letter and the Executive Summary of the inspection report. We have had numerous followup discussions with members of the Region IV inspection staff of these items. We believe that the aggressive corrective actions which we have taken have resulted in measurable improvement in the quality of completed construction work. We further believe that these actions demonstrate our ability to identify and correct problems, our responsiveness to NRC concerns, and our commitment to take actions that address and resolve not only specific problems but their underlying causes.

In J. H. Goldberg's letter to R. D. Martin dated June 13, 1986 (ST-HL-AE-1689) HL&P forwarded to Region IV a description of a number of additional actions and programs which are having a beneficial effect on the successful completion of the Project.

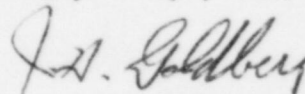
HL&P will continue to keep the NRC informed of further developments which we believe would be of interest.

Diesel Generator Fuel Oil Piping

HL&P had committed to a preoperational vibration testing program which included testing the diesel generator system in our response to NRC questions 210.41N, 210.42N and 210.43N. In response to the ACRS recommendation we will augment this test program to obtain detailed data on the effects of diesel engine vibration on the fuel oil supply piping. Analysis will then be performed to determine the potential for vibrational induced fatigue that the fuel oil piping may experience over the operating life of the plant. A more detailed plan and schedule describing these testing activities will be submitted in August 1986.

Should you have any questions regarding these matters please get in touch with M. E. Powell at (713) 993-1328.

Very truly yours,



J. H. Goldberg
Group Vice President, Nuclear

MRW/yd

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