

The Light company

Houston Lighting & Power South Texas Project Electric Generating Station P. O. Box 289 Wadsworth, Texas 77483

August 23, 1994
ST-HL-AE-4855
File No.: G26
10CFR50.73

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

South Texas Project
Unit 2
Docket No. STN 50-499
Revision 1 to Licensee Event Report 94-005
Inadvertent Test-Mode Starts of Standby Diesel Generator

Pursuant to 10CFR50.73, Houston Lighting & Power submits the attached revision to Unit 2 Licensee Event Report 94-005 regarding inadvertent test-mode starts of Standby Diesel Generators. These events do not have an adverse effect on the health and safety of the public.

Inadvertent test mode starts would not prevent any of the Standby Diesel Generators from performing their safety function of coping with a loss of offsite power. The basis for this conclusion has been conveyed to the Nuclear Regulatory Commission at several meetings. Houston Lighting & Power has installed electronic noise suppressors on all Standby Diesel Generators which should lower the probability of additional test mode starts. To eliminate these starts, a modification to replace the fiber optics will be necessary. This modification involves extensive post maintenance test activities that may not be able to be accomplished within the Technical Specification 3.8.1.1 (72 hour) Limiting Condition for Operation Action Statement. The post maintenance testing requirements are being analyzed to determine if the modification can safely be installed and tested during a Limiting Condition for Operation Action Statement. Should another test mode start occur on any of the South Texas Project Standby Diesel Generators, a supplement to this Licensee Event Report will be submitted to keep the Nuclear Regulatory Commission informed.

The purpose of this revision is to document additional test mode starts of Standby Diesel Generators which occurred on July 25, 1994 and August 1, 1994. On July 25, 1994, Unit 2 Standby Diesel Generator 22 experienced a test mode start for no apparent reason. On August 1, 1994, Unit 1 Standby Diesel Generator 13 received an apparent test mode start signal that resulted in a start of a portion of the Standby Diesel Generator auxiliaries with no actual start of the Standby Diesel Generator. The causes of these starting signals have been attributed to electrical noise which was perceived by the fiber optic test circuit to be a start signal. Implementations of the above mentioned modifications should resolve this problem. Changes are indicated by revision bars.

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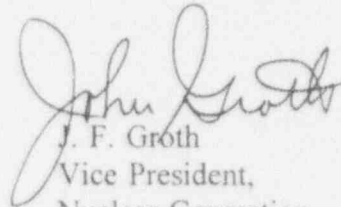
Project Manager on Behalf of the Participants in the South Texas Project

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JEH

If you should have any questions on this matter, please contact Mr. J. M. Pinzon at (512) 972-8027 or me at (512) 972-8664.


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JMP/esh

Attachment: Revision 1 to LER 94-005 (South Texas, Unit 2)

Houston Lighting & Power Company
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