

The Light company

Houston Lighting & Power

South Texas Project Electric Generating Station P. O. Box 289 Wadsworth, Texas 77483

December 2, 1993

ST-HL-AE-4530

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 2 to Licensee Event Report 92-007
Regarding an Unplanned Engineered Safety Feature Actuation of an
Isolation Valve for the Above Seat Drain Line

Pursuant to 10CFR50.73, Houston Lighting & Power (HL&P) submits the attached revision to Licensee Event Report (92-007) regarding an unplanned Engineered Safety Feature (ESF) actuation of an isolation valve for the above seat drain line. This event did not have an adverse effect on the health and safety of the public.

This revision addresses a change in a commitment. HL&P committed in a previous response (ST-HL-AE-4284) to implement a modification to rotate the Unit 2 above seat drain line isolation Solenoid Operated Valves (SOVs) to below the horizontal plane during the current Unit 2 refueling outage. The Unit 1 valves were rotated during the last Unit 1 refueling outage. The original reason for turning the valves over was to lower the operating coil temperature to extend coil life and prevent burnout. In addition, rotating the valves is reported to reduce the potential for an unintentional opening of an SOV due to a rapid inlet pressure transient. HL&P has re-evaluated this condition and has decided not to implement this modification. Coil burnout is not a recurring problem at STP. To date, only one case of actual coil failure at STP is documented; this failure was due to water shorting out the coil.

Based on the above analysis, the Unit 2 SOVs will not be rotated during the current refueling outage. An evaluation will be performed to identify a replacement valve design. The unintentional opening of an SOV can be controlled by proper use of the operating principal of opening valves in the sequence from lower to higher pressure. This would simply require opening the SOV before opening the upstream manual isolation valve.

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

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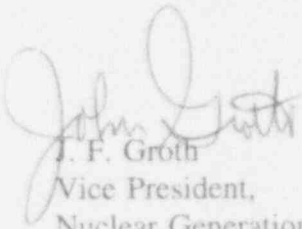
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If you should have any questions on this matter, please contact Mr. J. M. Pinzon at (512) 972-8027 or me at (512) 972-8664.


J. F. Groth
Vice President,
Nuclear Generation

JMP/eg

Attachment: LER 92-007, Revision 2 (South Texas, Unit 2)

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