

# The Light company

Houston Lighting & Power

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September 09, 1988  
ST-HL-AE-2784  
File No.: G26

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

South Texas Project Electric Generating Station  
Unit 1  
Docket No. STN 50-498  
RCS Flow Anomaly

Reference 1: WCAP-11528 R 1 Flow Anomaly Investigation Report, April, 1988.  
(Proprietary)

Houston Lighting & Power has been informed by Westinghouse of the effect of a Reactor Coolant System (RCS) Flow Anomaly (Reference 1) at STP. A preliminary analysis of STP data taken at 100% power indicated that the total RCS flow rate used in the accident analyses and in Technical Specification 3.2.5 (395,000 gpm minimum) must be increased slightly to account for the anomaly penalty effect.

Westinghouse has calculated that STP must maintain at least 400,000 gpm of RCS flow at 100% reactor thermal power until more detailed analyses can be completed. Recent data taken has established that actual measured Unit 1 RCS flow is on the order of 405,000 gpm.

As stated during our telephone discussions with Region IV and NRR Project Management on the afternoon of September 2, 1988, we were in the process of revising our RCS flow rate surveillance process to more precisely monitor the RCS flow rate and to administratively assure that RCS flow does not fall below 402,000 gpm. This revision was completed on the evening of September 2, 1988. A follow-up Westinghouse letter has since been provided which further revises the value to 400,000 gpm. The new value has been incorporated.

Westinghouse is continuing to revise and finalize the analyses in order to support an STP Technical Specification revision to the RCS flow rate value. In the interim period, the surveillance revision will provide adequate monitoring of the RCS flow rate to assure continued operation with sufficient safety margins.

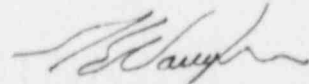
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