



LONG ISLAND LIGHTING COMPANY

SHOREHAM NUCLEAR POWER STATION

P.O. BOX 613, NORTH COUNTRY ROAD • WADING RIVER, N.Y. 11792

Direct Dial Number

April 6, 1983

SNRC-868

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SER Issue II.D.1 - SRV Test Program
Shoreham Nuclear Power Station - Unit 1
Docket No. 50-322

- Reference: (1) Letter NRC (Mr. A. Schwencer) to LILCO (Mr. M. S. Pollock) dated July 8, 1982
- (2) Letter SNRC-812, dated December 15, 1982

Dear Mr. Denton:

In response to the reference (1) letter for additional information on the Safety Relief Valve (SRV) Operability Test Program Results, and their applicability to the Shoreham SRVs, the reference (2) letter (with attachments 1 and 2) was submitted to provide all pertinent information requested. It was stated that all drywell piping and one wetwell SRV discharge line had been analyzed and found to be well within design allowables. It was also stated that for completeness the remaining 10 SRV discharge lines in the wetwell would also be analyzed.

The pipe stress and support analyses for the remaining 10 SRV discharge lines have been performed to include the effect of the dynamic fluid forces from the alternate shutdown cooling mode liquid discharge, the deadweight of the water in the lines, the concurrent thermal effects, and the effect of an assumed concurrent safe-shutdown earthquake. As expected, all pipe stresses and support loads were well within design allowables.

The verification that the Shoreham SRV discharge piping is adequately supported to sustain the effects of a low pressure liquid discharge

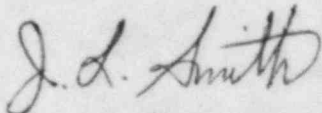
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is therefore complete. Based on the supplemental information provided herein, we believe the staff has sufficient information to complete their review of this issue.

Should you have any questions, please contact this office.



J. L. Smith
Manager, Special Projects
Shoreham Nuclear Power Station

RWG:bc

cc: J. Higgins
All Parties Listed in Attachment 1

ATTACHMENT 1

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