



LONG ISLAND LIGHTING COMPANY

SHOREHAM NUCLEAR POWER STATION

P.O. BOX 615, NORTH COUNTRY ROAD • WADING RIVER, N.Y. 11792

Direct Dial Number

May 20, 1983

SNRC-893

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

Shoreham Nuclear Power Station - Unit 1
Docket No. 50-322

Reference: (1) NRC letter (A. Schwencer) to LILCO (M. S. Pollock) entitled, "Evaluation of BWR Owner's Group Generic Response to II.K.3.16 of NUREG-0737, Reduction of Challenges and Failures of Relief Valves-Feasibility Study and System Modification" dated April 18, 1983

Dear Mr. Denton:

LILCO has reviewed the staff's safety evaluation of the BWR Owner's Group response to item II.K.3.16 of NUREG-0737 (Reference 1). The SER recommended four modifications to further reduce the challenges to the SRVs. The following represents the status of the implementation of the SER recommendations at Shoreham:

(1) Low-Low Set Relief Logic or Equivalent Manual Actions

As stated in SNRC-563 (5/15/81) LILCO committed to implement emergency procedures and operator training to provide the low-low set - "equivalent manual action". In fulfillment of that commitment the Shoreham specific Emergency Procedures were transmitted via SNRC-770, dated September 16, 1983.

(2) Lower the Reactor Pressure Vessel Water Level Isolation Setpoint for Main Steam Isolation Valve (MSIV) Closure from Level 2 to Level 1.

As discussed in SNRC-816 (1/7/83) LILCO will incorporate this modification during the first refueling outage.

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(3) Increase the Simmer Margin

The General Electric Co. Service Information Letter No. 196, supplement 3 was issued in 1977 to promote the optimization of the simmer margin at operating plants, where differential pressures of less than 80 psi were common.

As a later generation BWR, the design of the Shoreham SRVs, in conjunction with overpressure protection considerations provides an average simmer margin of 124 psi.

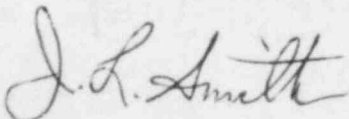
(4) Preventive Maintenance Program

A preventive maintenance program based on the SER maintenance recommendations, as well as information available in I&E Bulletins, Information Notices and GE SILs is being developed to enhance the operability of the SRVs in the self actuation mode. The Shoreham program is expected to be available for on site review in approximately 2 months.

In addition, as stated in SNRC 586 (6/11/81), LILCO will participate in the Safety/Relief Valve Surveillance (SRVS) Data Base Program. The purpose of this program is to collect engineering, actuation, leakage, failure and maintenance data in sufficient detail to allow the identification of generic safety relief valve problems.

LILCO believes that the information stated herein should enable the NRC to confirm that the necessary commitments have been made regarding the implementation of the recommended modifications to reduce SRV challenges and failures. Should any additional information be required please contact the undersigned.

Very truly yours,



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

RT:bc

cc: J. Higgins
All Parties Listed in Attachment 1

ATTACHMENT 1

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