



LONG ISLAND LIGHTING COMPANY

SHOREHAM NUCLEAR POWER STATION

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VICE PRESIDENT - PLANT OPERATIONS

SNRC-1497

AUG 31 1988

U. S. Nuclear Regulatory Commission
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Washington, D. C. 20555

NRC Bulletin 88-07
Power Oscillations In Boiling Water Reactors (BWRs)
Shoreham Nuclear Power Station - Unit 1
Locket No. 50-322

Gentlemen:

LILCO hereby reports that the actions required by NRC Bulletin 88-07, "Power Oscillations in Boiling Water Reactors (BWRs)," are complete and implemented. The following paragraphs describe the actions which were taken and are numbered to correspond to the action request in the bulletin.

1. LILCO received the subject bulletin on June 21, 1988. Between June 22 and July 5, 1988 on-shift licensed operators and Shift Technical Advisors were briefed concerning the March 9, 1988 dual recirculation pump trip event at LaSalle Unit 2.
2. A review was performed to determine the adequacy of our procedures and operator training programs to ensure that all licensed operators and Shift Technical Advisors are cognizant of:
 - (a) plant conditions which may result in the initiation of uncontrolled power oscillations,
 - (b) actions which can be taken to avoid plant conditions which may result in the initiation of uncontrolled power oscillations,
 - (c) how to recognize the onset of uncontrolled power oscillations, and

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- (d) actions which can be taken in response to uncontrolled power oscillations, including the need to trip the reactor if oscillations are not promptly terminated.

As a result of this review, the following SNPS procedures have been revised:

- (1) SP 23.120.01 "Reactor Recirculation System"
- (2) SP 23.604.01 "Average Power Range Monitor System"
- (3) SP 52.002.01 "Guidelines for Core Reactivity Transients Concerning PICOMR"
- (4) SP 54.603.01 "Neutron Flux Noise Level Recording and Baseline Data Recording".

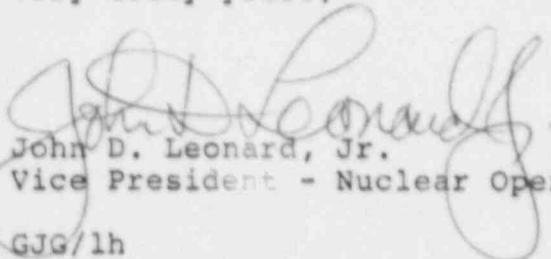
Additionally, the appropriate personnel in our Office of Training were informed of the need to incorporate these procedure changes into reactor operator and Shift Technical Advisor (STA) Training. Currently, classroom instruction for reactor operator requalification training is in progress for the six operating crews and backup licensed reactor operators. Training for currently qualified and candidate STAs is complete and was accomplished under the direction of the Reactor Engineer.

LILCO also verified the adequacy of the SNPS Control Room instrumentation which is relied upon by operators when determining the presence of power oscillations. Our conclusion is that the average power range monitor (APRM) recorders are adequate to display the occurrence of power oscillations.

LILCO is aware that the General Electric Boiling Water Reactor Owners Group has a committee that is studying the LaSalle Unit-2 power oscillation event. As a member of the GE BWROG, LILCO receives information that keeps us apprised of NRC and industry initiatives on the subject. Thus, LILCO stands ready to take additional appropriate action to resolve NRC safety concerns associated with the LaSalle Unit 2 power oscillation event.

The reviews described above are documented and available for inspection at SNPS. Should you have any need of additional information or clarification, please do not hesitate to call my office.

Very truly yours,



John D. Leonard, Jr.
Vice President - Nuclear Operations

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cc: S. Brown
W. T. Russell
F. Crescenzo

