



LONG ISLAND LIGHTING COMPANY

SHOREHAM NUCLEAR POWER STATION

P.O. BOX 618, NORTH COUNTRY ROAD • WADING RIVER, N.Y. 11792

JOHN D. LEONARD, JR.
VICE PRESIDENT - NUCLEAR OPERATIONS

March 12, 1985

SNRC-1153

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

Automatic Depressurization System
Accumulator Systems Testing
Shoreham Nuclear Power Station
Docket No. 50-322

- Reference:
1. NUREG-0737, Item II.K.3.28, "Qualification of ADS Accumulators"
 2. Letter SNRC-836 dated February 8, 1983
 3. Letter SNRC-687 dated April 7, 1982
 4. Letter SNRC-638 dated November 23, 1981
 5. Letter SNRC-614 dated August 18, 1981

Dear Mr. Denton:

This submittal is to advise the Commission of LILCO's intent to change a test as permitted by the provisions of 10 CFR 50.59. A safety evaluation has been performed and it has been determined that this test does not involve a change in the Technical Specifications, or an unreviewed safety question.

In References 2 and 3, LILCO committed to leak-rate testing of the Automatic Depressurization System (ADS) intermediate pneumatic supply piping with the ADS solenoid valves energized, thus permitting nitrogen flow to the ADS safety relief valve (SRV) air operator.

In recent discussions, GE and the valve manufacturer, Target Rock Corporation, advised LILCO not to perform this test unless a minimum of 50 psig of reactor steam was present. Damage to the SRV pilot valve seats could occur if they are actuated without sufficient reactor steam. Conversely, if the test is performed with reactor steam present, when the pilot valves are opened it will lead to unnecessary actuation of the SRV's.

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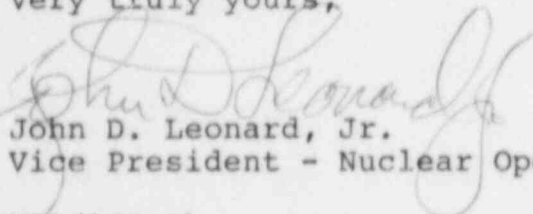
The ADS SRV's have been bench tested during recent maintenance activities. Additionally, the SRV's are bench tested at a frequency set forth in the Shoreham ISI Program. ASME Section XI, IWV-3511 requires safety/relief valves to be tested at each refueling outage on a sample basis, and all SRV's will be tested at least every five years. Bench test procedures require air operator assembly leakage testing and all tested SRV's are returned to service with little or no leakage.

In light of this information, LILCO is performing the leak-rate test without energizing the ADS solenoid valves and thereby avoiding potential degradation of the SRV pilot seats. The pneumatic piping from the intermediate accumulators to the solenoid valves are still being tested per the acceptance criteria of References 2 and 3.

LILCO also intends to include an additional test of the short term nitrogen supplies (individual check valves and accumulators) per our submittals, References 4 and 5. This testing is being incorporated into the Shoreham ISI Program, and will be performed with the plant shutdown.

We believe these tests will satisfactorily demonstrate qualification of the ADS accumulator pneumatic supplies in accordance with Item II.K.3.28. If you require additional information, please do not hesitate to contact this office.

Very truly yours,



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

NRL/AJA:ck

cc: P. Eselgroth