



LONG ISLAND LIGHTING COMPANY

SHOREHAM NUCLEAR POWER STATION

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

Direct Dial Number

February 8, 1983

SNRC-836

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

NUREG 0737 Item II.K.3.28
Shoreham Nuclear Power Station - Unit 1
Docket No. 50-322

Reference: (1) SNRC-687 dated April 7, 1982

Dear Mr. Denton:

In the reference (1) letter, LILCO committed to perform a pneumatic pressure decay test to verify the leak-tight integrity of the ADS accumulator system. This commitment was accepted by the staff and resolved this issue for Shoreham.

In describing this commitment, considerable detail was presented regarding the test procedure. During the course of preparation for the initial actual performance of the test, it was noted that establishing the test pressure prior to opening the ADS safety relief valve (SRV) solenoid valves (and associated air pilot valve), as stated in LILCO's commitment, unavoidably exaggerates the system leakage. This is due to the fact that the volume between the solenoid valves and the SRV air pilot valve is vented to the atmosphere (primary containment) when these solenoid valves are in the closed position. Upon opening these solenoid valves, the established pressure immediately drops. This leakage penalty unnecessarily compromises the capability to legitimately perform and pass this test, whose acceptance criteria is already quite strict (1.3 psi/hr leakage).

A046

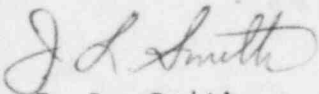
8302160277 830208
PDR ADOCK 05000322
A PDR

H.R. Denton
February 8, 1983
Page 2

Movement of the other valves involved in this test after the establishment of the test pressure may also lead to transient pressure conditions. LILCO, therefore, intends to establish the test pressure (90 ± 0.5 psig) after the appropriate valve lineup has been achieved. This test plan modification has been discussed with the staff and found acceptable.

Should you have any questions, please contact this office.

Very truly yours,



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

RWG:bc

cc: J. Higgins
Parties listed in Attachment 1

ATTACHMENT 1

Lawrence Brenner, Esq.
Administrative Judge
Atomic Safety and Licensing
Board Panel
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dr. Peter A. Morris
Administrative Judge
Atomic Safety and Licensing
Board Panel
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dr. James H. Carpenter
Administrative Judge
Atomic Safety and Licensing
Board Panel
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Daniel F. Brown, Esq.
Attorney
Atomic Safety and Licensing
Board Panel
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Bernard M. Bordenick, Esq.
David A. Repka, Esq.
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Herbert H. Brown, Esq.
Lawrence Coe Lanpher, Esq.
Karla J. Letsche, Esq.
Kirkpatrick, Lockhart, Hill
Christopher & Phillips
8th floor
1900 M Street, N.W.
Washington, D.C. 20036

Mr. Marc W. Goldsmith
Energy Research Group
4001 Totten Pond Road
Waltham, Massachusetts 02154

MHB Technical Associates
1723 Hamilton Avenue
Suite K
San Jose, California 95125

Stephen B. Latham, Esq.
Twomey, Latham & Shea
33 West Second Street
P.O. Box 398
Riverhead, New York 11901

Ralph Shapiro, Esq.
Cammer and Shapiro, P.C.
9 East 40th Street
New York, New York 10016

Matthew J. Kelly, Esq.
State of New York
Department of Public Service
Three Empire State Plaza
Albany, New York 12223