LONG ISLAND LIGHTING COMPANY
SHOREHAM NUCLEAR POWER STATION
P.O. BOX 618, NORTH COUNTRY ROAD • WADING RIVER, N.Y. 11792

January 24, 1983 SNRC-825

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

Containment Isolation-Instrument Lines
Shoreham Nuclear Power Station - Unit 1
Docket No. 50-322

Reference: NRC letter (A. Schwencer) to LILCO (M. S. Pollock) dated September 20, 1982, "Request for Additional Information - Shoreham Nuclear Power Station"

Dear Mr. Denton:

Based upon the above referenced letter and subsequent conversations with members of your staff on the subject of Shoreham's capability to meet containment isolation design criteria for certain of its instrument lines penetrating primary containment, the following clarifications are provided.

All NSSS and BOP instruments (including instrument internal pressure boundary), sensing lines, and standpipes identified as being an extension of the primary containment boundary and therefore subject to the provisions of GDC's 55 and 56, have been determined to be capable of maintaining pressure boundary integrity during and following Design Basis events concurrent with a seismic event, with the exception of a static-o-ring for pressure switch 1T49-PS085. This instrument does not provide a safety function and has its own manual isolation valve. Until compliance with the above criteria can be demonstrated, the individual manual isolation valve upstream of the instrument will be maintained normally closed and procedurally controlled. It is expected that upon receipt of vendor information, it will be demonstrated that this item conforms to the above referenced criteria.

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All NSSS and BOP instruments (including instrument internal pressure boundary), sensing lines and standpipes, which are potential leakage paths from the primary containment, were included in the 10CFR50, Appendix J, Type A leak rate test boundary, except instruments 1T49-PDT029, PIT032, PS085 and 1Z93*LT012A, B, which were isolated and vented. Instruments 1T49-PDT029, PIT032 and PS085 are all located on a common manifold which will be tested separately for its leakage rate. Instruments 1Z93*LT012A, B will be tested for their individual leakage rates. These leakage rates will be included in the Appendix J, Type A overall leak rate test report.

It is our understanding that, subject to the above clarifications, the present plant configuration is acceptable through the first refueling outage. If you have any further questions on this issue, please feel free to contact this office.

Very truly yours,

J. L. Smith

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

DD:mp

cc: J. Higgins
All parties