



LONG ISLAND LIGHTING COMPANY

SHOREHAM NUCLEAR POWER STATION

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

January 6, 1983

SNRC-817

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

Submittal of the Phase II Report
SER Issue No. 59, "Control of Heavy Loads"
Docket No. 50-322

References:

1. NRC Letter (D.G. Eisenhut), dated December 22, 1980
2. NRC Generic Letter, 81-07, dated February 3, 1981
3. LILCO Letter, SNRC-596 (B.R. McCaffrey) to the NRC (H.R. Denton), dated July 17, 1981
4. LILCO Letter, SNRC-782 (J.L. Smith) to the NRC (H.R. Denton), dated October 28, 1982

Dear Mr. Denton:

As requested in references 1 and 2, LILCO has conducted a review of the Shoreham Nuclear Power Station controls of the handling of heavy loads and the level of compliance with NUREG-0612. The initial phase of this evaluation was submitted to the NRC via references 3 and 4.

This letter transmits the second phase of the study which addresses enclosure 3, sections 2.2 and 2.3 of reference 1. The enclosed report documents the review and has determined that in the event of a postulated load drop, from any lifting device capable of carrying a heavy load, sufficient redundancy exists to assure a safe, cold shutdown.

Although no design or equipment modifications are required, LILCO is evaluating the feasibility of providing a single failure-proof capability for the polar crane auxiliary hoist. A study is being conducted to determine if this modification will optimize the operational capability of the auxiliary hoist, which is

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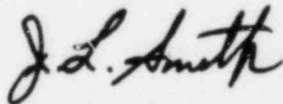
currently limited by procedural requirements designed to limit damage due to a postulated load drop. In addition, to provide further assurances regarding the safe handling of heavy loads, LILCO has:

reduced the auxiliary hook rating from 30 tons to 15 tons

instituted procedures that require all auxiliary hook lifts to be double slung

With the exception of the ongoing effort on "Special Lifting Devices" (reference 4), LILCO believes that this letter, in conjunction with earlier submittals, should enable the NRC to close this confirmatory issue (SER Issue No. 59) on the Shoreham docket.

Very truly yours,



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

RJT/jm
Enclosure
cc: J. Higgins
All parties

CONTROL OF HEAVY LOADS

LONG ISLAND LIGHTING COMPANY
January 1983