



LONG ISLAND LIGHTING COMPANY

SHOREHAM NUCLEAR POWER STATION

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

October 23, 1979

SNRC-438

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

SHOREHAM NUCLEAR POWER STATION - UNIT 1
DOCKET NO. 50-322

Dear Mr. Denton:

Enclosed herewith are fifteen (15) copies of a report entitled "Second Supplement to Justification of Mark II Lead Plant SRV Load Definition - Equipment Evaluation" by Stone & Webster Engineering Corporation, dated September 28, 1979. This report is provided in response to a meeting July 26, 1979 between NRC Staff and representatives of the Mark II Lead Plants.

During that meeting, the NRC Staff requested that Shoreham provide assurance that the low frequency portion of the T-quencher SRV load definition would be bounded by the design-basis Ramshead Load definition not only for piping systems, as satisfactorily demonstrated in the May 30, 1979 submittal, but also for equipment.

The detailed results summarized herein support the conclusion that low frequency equipment in general has been designed to conservative seismic loads which bound both Ramshead and T-quencher results.

We trust that this information completes the documentation requests by NRC Staff for the load definition described in our March 30, 1979 submittal (SNRC-374).

Very truly yours,

J. P. Novarro,
Project Manager
Shoreham Nuclear Power Station

JPM/cc

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cc: J. Higgins

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