



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

JAN 8 1980

Docket No.: 50-322

Mr. Andrew W. Wofford
Vice President
Long Island Lighting Company
175 East Old Country Road
Hicksville, New York 11801

Dear Mr. Wofford:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION - SHOREHAM NUCLEAR POWER
STATION

We have recently instituted a program of performing an independent confirmatory piping analysis for each plant undergoing OL review. For Shoreham this analysis will be performed by our contract personnel at the Argonne National Laboratory (ANL). The purpose of this independent analysis will be to verify that the subject piping system meets the applicable ASME Code stress criteria. We do not intend to resolve differences between our calculated stresses and yours unless unusually large discrepancies are found, or unless Code criteria are not met.

This program will allow us to verify on a sampling basis that you have correctly modeled your piping, have correctly used your computer codes, and have adequately accounted for the piping's as-built condition.

In order to proceed with our analysis, we will require certain information to be supplied for the chosen piping system. Upon receipt of this information, ANL will evaluate it to determine if additional information or clarification is required. Following the initial review we hope to schedule a site visit to acquaint the ANL personnel with the plant and more specifically the piping system under review. At that time we can discuss the piping analysis with your design engineers and obtain any additional information required.

For the Shoreham Station, the west lead of the feedwater piping inside primary containment, from the reactor vessel to the primary containment penetration, was chosen. (Refer to FSAR Figure 3.6.5A-6) For this piping system, the following information is requested:

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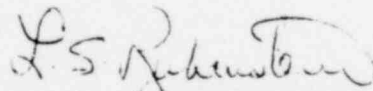
1. piping layout and isometric drawings sufficient to model the system
2. support drawings with support and hanger spring rates
3. the piping design specification
4. valve weights and CG's
5. appropriate response spectra
6. appropriate anchor point movements
7. any design change notices not yet incorporated into the piping or support drawings (Later DCN's should be forwarded as received).

Send the above information to:

Mr. C. K. Youngdahl
Argonne National Laboratory
Building 301
9700 S. Cass Avenue
Argonne, Illinois 69439

As our analysis proceeds, we will also require certain of your analytical results for comparative purposes, such as the ASME Code required Design Reports. If you have any questions on this matter, please contact us.

Sincerely,



L. S. Rubenstein, Acting Chief
Light Water Reactors, Branch No. 4
Division of Project Management

cc: See Next Page

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Long Island Lighting Company

POOR ORIGINAL

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