

NORTHEAST UTILITIES



THE CONNECTICUT LIGHT AND POWER COMPANY
WESTERN MASSACHUSETTS ELECTRIC COMPANY
HOLYOKE WATER POWER COMPANY
NORTHEAST UTILITIES SERVICE COMPANY
NORTHEAST NUCLEAR ENERGY COMPANY

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January 29, 1986

Docket No. 50-423
B11980

Director of Nuclear Reactor Regulation
Attn: Mr. Vincent S. Noonan
PWR Project Directorate #5
Division of PWR Licensing - A
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Reference: (1) J. F. Opeka letter to V. S. Noonan, Seismic Interaction Program, dated January 14, 1986.

Dear Mr. Noonan:

Millstone Nuclear Power Station, Unit No. 3
Seismic Interaction Program

The Seismic Interaction Program has been completed and was presented in our final report submitted via Reference (1). As part of the review process the Staff conducted an audit of the Sargent and Lundy scope of work on January 9, 1986. During the audit a question was raised regarding how the integrity of the bounding subsystems was affected by subsequent modifications. As a separate task within the Seismic Interaction Program, restraints were added to many plant systems in order to prevent interactions with adjacent seismic Category I equipment. It was suggested by the Staff that all of the selected subsystems so modified be reanalyzed to assure that the systems still met the acceptance criteria. This analysis was not considered essential to the acceptance of the program and has been conducted on a confirmatory basis.

Eleven (11) of the selected subsystems were modified to prevent seismic interactions. All of these subsystems have been reanalyzed to reflect these changes and have been shown to meet the acceptance criteria with regard to pipe stress. Although explicit reanalysis of the pipe supports was not performed, the loads compare favorably with the previous values. In general, pipe support loads decreased with a few loads rising only slightly. Factors of safety on supports have not changed significantly from those previously calculated.

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We trust that this information resolves the Staff's questions.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY
et. al.

BY NORTHEAST NUCLEAR ENERGY COMPANY
Their Agent

J. F. Opeka
J. F. Opeka
Senior Vice President

C. F. Sears
By: C. F. Sears
Vice President

STATE OF CONNECTICUT)
) ss. Berlin
COUNTY OF HARTFORD)

Then personally appeared before me C. F. Sears, who being duly sworn, did state that he is Vice President of Northeast Nuclear Energy Company, a Licensee herein, that he is authorized to execute and file the foregoing information in the name and on behalf of the Licensees herein and that the statements contained in said information are true and correct to the best of his knowledge and belief.

Jennifer J. Powers
Notary Public
My Commission Expires March 31, 1989