NORTHEAST UTILITIES

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

General Offices • Selden Street, Berlin, Connecticut

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June 11, 1985

Docket No. 50-423
A04910

Director of Nuclear Reactor Regulation
Mr. B. J. Youngblood, Chief
Licensing Branch No. 1
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Reference: (1) B. J. Youngblood letter to J. F. Opeka, "Request for Additional Information," dated May 20, 1985.

Dear Mr. Youngblood:

Millstone Nuclear Power Station, Unit No. 3
Response to Question 410.32

Enclosed is Northeast Nuclear Energy Company's response to the Auxiliary Systems Branch request for additional information regarding the handling of heavy loads. We expect this response will resolve the Staff's concern regarding the handling of heavy loads.

If there are any questions regarding this information, please contact our licensing representative directly.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY
et. al.

BY NORTHEAST NUCLEAR ENERGY COMPANY
Their Agent

J. F. Opeka
Senior Vice President

By: C. F. Sears
Vice President

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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, an Applicant herein, that he is authorized to execute and file the foregoing information in the name and on behalf of the Applicants 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

NRC Letter: May 20, 1985

410.32 As a result of recently identified ACRS concerns, provide a response to the following requests for information regarding the handling of heavy loads:

a. Describe the means provided to assure the integrity of concrete structures, lifting eyes and any other heavy loads so that they will not fall apart while being handled during refueling should the lifting eye fail or the load impact other structures.

b. Alternatively, describe the consequences of failure of concrete structures or other heavy loads during handling. This evaluation should confirm that unacceptable fuel damage or damage to safety-related equipment will not occur.

Response:

The heavy loads, including the concrete structures, that may be moved are listed in Table 1 of the report, (Reference). These include both shields and removable floor slab plugs. The movement of these structures follow safe load paths in accordance with procedures. These safe load paths as discussed in our submittal (Reference) are utilized to preclude dropping heavy loads on safety-related equipment or spent fuel. In addition Table 1 and 3 of our submittal on "Control of Heavy Loads" show that in the event of a heavy load drop unacceptable fuel damage or damage to safety-related equipment will not occur.

Furthermore these structures are of reinforced concrete design with embedded lifting lugs. This design, in accordance with the ACI-318-71 Building Code Requirements for Reinforce Concrete, assures the structures, including the lifting lugs, will not fall apart.

Reference: Revision 1 of the Control of Heavy Loads Report for Millstone 3, dated March 1985.