

**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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P.O. BOX 270  
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(203) 666-6911

February 8, 1984

Docket No. 50-336  
A02544

Dr. Thomas E. Murley, Regional Administrator  
Region 1, U.S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, PA. 19406

References: (1) IE Bulletin No. 82-02 dated June 2, 1982  
(2) W.G. Council Letter to R.C. Haynes dated July 30, 1982  
(3) W.G. Council letter to Dr. T.E. Murley, dated May 19, 1983

Gentlemen:

Millstone Nuclear Power Station, Unit No. 2  
Final Response to IE Bulletin No. 82-02

In Reference (1), the NRC staff requested Northeast Nuclear Energy Company (NNECo) to perform certain actions with respect to the degradation of threaded fasteners in the Reactor Coolant Pressure Boundary (RCPB). In Reference (2), NNECo responded to Action Items 3 and 5 of Reference (1). In reference (3) NNECo responded to Action Items 1, 2, and 4. The response to action Item 2 and 4 was an interim response only. This letter provides the final response to Action Items 2 and 4.

Action Item 4:

A written report signed under oath of affirmation under provisions of Section 182a, Atomic Energy Act of 1954 as amended, shall be submitted to the Regional Administrator of the appropriate NRC Regional Office within 60 days following the completion of the outage during which Action Item 2 was performed. The report shall include:

- a. A statement that Action Item 1 has been completed.
- b. Identification of the specific connections examined as required by Action Item 2.
- c. The results of the examinations performed on the threaded fasteners as required by Action Item 2. If no degradation was observed for a particular connection, a statement to that effect, identification of the connection and, whether the fasteners were examined in place or removed is all that is required. If degradation was observed, the report should provide detailed information.

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Response:

- a. Action Item 1 was reported complete in reference (3).
- b. In addition to the connections examined and reported in Reference (3), twenty (20) pressurizer manway closure studs were removed and inspected during the recently completed Cycle 6 refueling outage. Steam generator primary manway closure studs were not examined since all eighty (80) studs were replaced with studs of a new design.
- c. No defects were found in any of the pressurizer manway closure studs.

This completes the requested action of Reference (1).

The following additional information relative to these inspections is provided as requested.

1. Staff time to perform inspections: 150 man-hours.
2. Radiation exposure attributed to the inspections: 0.5 rem (estimated).
3. Staff time for this response: 8 man-hours.

We trust you will find this information responsive to the Reference (1) requests.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

*W. G. Council*

W. G. Council  
Senior Vice President

*C. F. Sears*

By: C. F. Sears  
Vice President, Nuclear and  
Environmental Engineering

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 - Nuclear and Environmental Engineering, 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 Licensee herein and that the statements contained in said information are true and correct to the best of his knowledge and belief.

*Lorrami J. D'Amico*  
Notary Public

My commission expires March 31, 1988