

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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April 24, 1989

Docket No. 50-336

B13189

Re: NRC Bulletin 88-03

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

- References:
- (1) C. E. Rossi letter to Licensees, dated March 10, 1988, transmitting NRC Bulletin 88-03.
 - (2) E. J. Mroczka letter to U.S. Nuclear Regulatory Commission, dated July 6, 1988, information for NRC Bulletin 88-03.

Gentlemen:

Millstone Nuclear Power Station, Unit No. 2
Response to NRC Bulletin 88-03
"Inadequate Latch Engagement in HFA-Type Latching
Relays Manufactured by General Electric (GE) Company"

NRC Bulletin 88-03, Reference (1), requested a letter of confirmation of completion of various inspections for addressees who have HFA-type relays. Our previous letter, Reference (2), confirmed that Millstone Unit No. 2 has such relays, and we hereby report the inspection results.

Of all the various HFA relay types identified in Reference (1), Millstone Unit No. 2 has only relays of the HFA 154 series.

Millstone Unit No. 2 inspected 23 HFA 154 relays, of which only 9 were considered Class 1E. Of these 9 relays, 5 require corrective action per Item 1 (contact carrier clearance) and none require corrective action per Item 2 (latch spring tension) of Reference (1). Of these 5 relays, 4 were spares and are no longer for use in Class 1E application. The fifth relay is associated with the 'B' charging pump and has been replaced.

Table of Inspections for Class 1E HFA Relays

<u>Type</u>	<u>Quantity</u>	<u>Inspection Results/Comments</u>
154B49H	3 Installed	1 Failed Clearance Check (Item 1)
154B22H	2 Installed	Satisfactory
154B49H	3 Spares	All Failed Clearance Check (Item 1)
154B22H	1 Spare	Failed Clearance Check (Item 1)

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In addition, we inspected the following non-Class 1E HFA relays, all of which were satisfactory: two 154B49H and twelve 154E22H relays.

Reference (1) also requested information on costs of implementing these requirements.

1. Staff time to perform the requested inspections and corrective actions.

We estimate 20 man-hours with more to follow.

2. Staff time to prepare the requested documentation.

We estimate 5 man-hours.

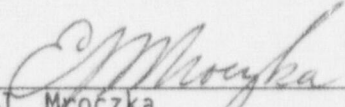
3. Additional cost incurred as a result of the inspection findings.

We estimate \$5000 material (5 relays) plus \$400 labor to replace the installed relay with no additional cost for forced downtime.

This completes our report for one of the four plants identified in Reference (2). Reports for the remaining three plants will be submitted on the schedule submitted via Reference (2). If there are further questions, please contact my staff directly.

Very truly yours

NORTHEAST NUCLEAR ENERGY COMPANY

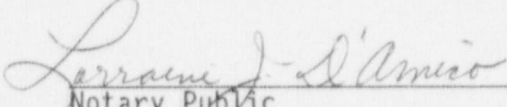


E. J. Mroczka
Senior Vice President

cc: W. T. Russell, Region I Administrator
G. S. Vissing, NRC Project Manager, Millstone Unit No. 2
W. J. Raymond, Senior Resident Inspector, Millstone Unit Nos. 1, 2, and 3

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

Then personally appeared before me, E. J. Mroczka, who being duly sworn, did state that he is Senior 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.



Notary Public

My Commission Expires March 31 1993