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FEB 12 1991

Docket No. 50-423

Northeast Nuclear Energy Company
ATTN: Mr E. J. Mroczka
Senior Vice President - Nuclear
Engineering and Operations Group
P.O. Box 270
Hartford, Connecticut 06141-0270

Gentlemen:

Subject: NRC Region I Augmented Inspection Team Report (50-423/91-80)

This letter refers to the Augmented Inspection Team (AIT) headed by Mr. James Trapp of this office on January 3-7, 1991 at Millstone Unit 3. This inspection focused on ascertaining the relevant facts and probable cause(s), and evaluating your analysis and proposed corrective actions of the December 31, 1990 event involving the rupture of two moisture separator drain line pipes. At the conclusion of the inspection, an exit meeting was held with Mr. Carl Clement and members of your staff to discuss the inspection findings.

Areas examined during this inspection are described in the NRC Region I inspection report which is enclosed with this letter. Within these areas, the inspection consisted of detailed examinations, interviews with personnel, and observations by the inspectors.

The AIT concluded that the moisture separator drain lines had been inadvertently omitted from the erosion/corrosion program due to human error. A number of input errors were identified during the review of the erosion/corrosion program. In addition, the documentation and control of the erosion/corrosion program were identified as weak by the inspection team. Based on these findings Mr. Clement stated at the exit meeting that Millstone Unit 3 would verify the erosion/corrosion program model to assure that valid locations are being selected for Ultrasonic Testing (UT) inspections. This effort will be completed prior to Unit 3 startup from the third refueling outage. A preliminary look at other NU plants' erosion/corrosion programs will be conducted by the end of February 1991. A detailed verification for Millstone Units Nos. 1 & 2, and Haddam Neck plant will be performed with the following completion dates December 31, 1991, September 30, 1991, and June 30, 1991, respectively.

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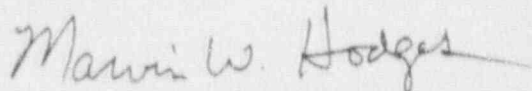
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Your reply to this letter confirming the dates for the erosion/corrosion program reviews is requested. Please send the reply to the Region I Office. Your cooperation with us in this matter is appreciated.

Sincerely,



Marvin W. Hodges, Director
Division of Reactor Safety

Enclosure: NRC Region I Inspection Report Number 50-423/91-80.

cc w/encl:

W. D. Romberg, Vice President, Nuclear Operations
D. O. Nordquist, Director of Quality Services
R. M. Kacich, Manager, Generation Facilities Licensing
S. E. Scace, Station Director, Millstone
E. A. DeBarba, Station Director, Haddam Neck
Public Document Room (PDR)
Local Public Document Room (LPDR)
Nuclear Safety Information Center (NSIC)
NRC Resident Inspector
State of Connecticut

bcc w/encl:

Region I Docket Room (with concurrences)
Management Assistant, DRMA (w/o encl)
T. Martin, RA
E. Rossi, NRR
DRP Section Chief
W. Raymond, SRI, Millstone
K. Abraham, (2) All Inspection Reports
K. Brachman, EDO
D. Jaffe, PM, NRR
R. Fraley, ACRS

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