



**Northeast
Nuclear Energy**

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The Northeast Utilities System

OCT 16 1998
Docket No. 50-423
B17482

Re: 10CFR55.45(b)(5)(ii)

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

Millstone Nuclear Power Station, Unit No. 3
Four-Year Simulator Certification Report

Pursuant to the provisions of 10CFR55.45(b)(5)(ii), Northeast Nuclear Energy Company hereby submits on behalf of Millstone Unit No. 3, the second quadrennial plant-referenced simulator report. Enclosure 2 contains the performance test results to support this submittal and provides the appropriate documentation necessary for continued certification. We believe the Millstone Unit No. 3 simulator continues to demonstrate its acceptability as a plant-referenced simulator.

Section 10CFR55.45(b)(5)(ii) requires that licensees "submit, every four years on the anniversary of the certification, a report to the Commission which identifies any uncorrected performance test failures." Comprehensive performance tests have been completed during the last four years, as is outlined in the enclosed report. Deficiencies identified via the Simulator Certification Program are included in the enclosed quadrennial report as Attachment A.

Section 10CFR55.45(b)(5)(vi) requires "a schedule for the conduct of approximately 25 percent of the performance tests per year for the subsequent four years." Attachment B to the enclosed report contains the schedule for accomplishing approximately 25 percent of performance tests each year. The scope of this performance testing does not differ from that previously reported.

In the first quarter of 1996, the simulator computer platform, which consisted of Gould 32/87 processors and peripherals, was replaced with a SUN Enterprise 3000 system and new peripherals. The replacement included complete benchmarking against the previous platform. Details of the replacement are contained in Section 6 of the enclosed report.

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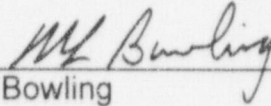
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If you have any additional questions concerning this submittal, please contact Mr. R. Flanagan at (860) 437-5817.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY



Martin L. Bowling
Millstone Unit No.2 Recovery Officer

Enclosures (2)

1. NNECO's Commitments
2. Four-Year Simulator Certification Report

cc: H. J. Miller, Region I Administrator
R. J. Conte, Chief of Operator Licensing, NRC Region I
J. W. Andersen, NRC Project Manager, Millstone Unit 3
A. C. Cerne, Senior Resident Inspector, Millstone Unit 3

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Enclosure 1

Millstone Nuclear Power Station, Unit No. 3
NNECO's Commitments

October 1998

Enclosure 1
List of Regulatory Commitments

The following table identifies those actions committed to by NNECO in this document. Please notify the Manager - Regulatory Compliance at the Millstone Nuclear Power Station Unit No. 3 of any questions regarding this document or any associated regulatory commitments.

Regulatory Commitment	Committed Date or Outage
There are no new regulatory commitments contained in this letter.	N/A

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Enclosure 2

Millstone Nuclear Power Station, Unit No. 3

Four-Year Simulator Certification Report

October 1998