

# 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

P.O. BOX 270  
HARTFORD, CONNECTICUT 06141-0270  
(203) 665-5000

July 3, 1990

Docket No. 50-245  
B13561

RE: 10CFR55.45(b)

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

Gentlemen:

Millstone Nuclear Power Station, Unit No. 1  
Certification of Plant-Referenced Simulator

Enclosed is the Northeast Nuclear Energy Company submittal for certifying the Millstone Unit No. 1 simulator as a plant-referenced simulator per 10CFR55.45(b). Enclosed is a completed, signed NRC Form 474 and four volumes to support this submittal.

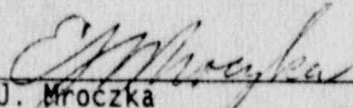
The first volume contains general information on the Millstone Unit No. 1 simulator. The second volume contains the generic procedure governing certification of the Millstone Unit No. 1 simulator. The third volume contains performance test results for the Millstone Unit No. 1 simulator. The fourth volume contains summaries of all certified malfunctions available on the Millstone Unit No. 1 simulator.

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." Also, Section (b)(5)(vi) requires "a schedule for the conduct of approximately 25 percent of the performance tests per year for the subsequent four years." NNECO intends to comply with these requirements. See Volume 3, Performance Test Report, for a description of the approximately 25 percent of performance testing to be completed each year.

Please contact us if you have any questions.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

  
\_\_\_\_\_  
E. J. Mroczka  
Senior Vice President

*Ap05*  
*7/1 (400s)*

U.S. Nuclear Regulatory Commission  
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Enclosures

cc: (Without Enclosures)

T. T. Martin, Region I Administrator

M. L. Boyle, NRC Project Manager, Millstone Unit No. 1

W. J. Raymond, Senior Resident Inspector, Millstone Unit Nos. 1, 2, and 3

# SIMULATION FACILITY CERTIFICATION

**INSTRUCTIONS.** This form is to be filed for initial certification, recertification (if required), and for any change to a simulation facility performance testing plan made after initial submittal of such a plan. Provide the following information, and check the appropriate box to indicate reason for submittal.

FACILITY: Millstone Unit 1 DOCKET NUMBER: 50-245

LICENSEE: Northeast Nuclear Energy Company DATE: \_\_\_\_\_

This is to certify that: 1. the above named facility licensee is using a simulation facility consisting solely of a plant-referenced simulator that meets the requirements of 10 CFR § 55.46; 2. this simulation facility meets the guidance contained in ANSI/ANS 3.5, 1985, as endorsed by NRC Regulatory Guide 1.14b; and 3. documentation is available for NRC review in accordance with 10 CFR § 55.46(b). If there are any exceptions to the certification of item 2 above, check here  and describe fully on additional pages as necessary. No exceptions, see Vol. 1, page 20

NAME (for other identification) AND LOCATION OF SIMULATION FACILITY:  
Lelan F. Sillin, Jr. Nuclear Training Center, Waterford, CT 06385-0128

SIMULATION FACILITY PERFORMANCE TEST ABSTRACTS ATTACHED. (For performance tests conducted in the period ending with the date of this certification)

DESCRIPTION OF PERFORMANCE TESTING COMPLETED (Attach additional page(s) as necessary, and identify the item description being continued):  
Refer to Millstone Unit 1 Simulator Certification Submittal

SIMULATION FACILITY PERFORMANCE TESTING SCHEDULE ATTACHED. (For the conduct of approximately 25% of performance tests per year for the four year period commencing with the date of this certification.)

DESCRIPTION OF PERFORMANCE TESTING TO BE CONDUCTED (Attach additional page(s) as necessary, and identify the item description being continued):  
Refer to Millstone Unit 1 Simulator Certification Submittal

PERFORMANCE TESTING PLAN CHANGE. (For any modification to a performance testing plan submitted on a previous certification)

DESCRIPTION OF PERFORMANCE TESTING PLAN CHANGE (Attach additional page(s) as necessary, and identify the item description being continued):  
Initial submittal, not applicable.

RECERTIFICATION (Describe corrective actions taken, attach results of completed performance testing in accordance with 10 CFR § 55.45(b)(5)(v). Attach additional page(s) as necessary, and identify the item description being continued.)

Initial submittal, not applicable.

Any false statement or omission in this document, including attachments, may be subject to civil and criminal sanctions. I certify under penalty of perjury that the information in this document and attachments is true and correct.

SIGNATURE - AUTHORIZED REPRESENTATIVE: E. J. Mroczka TITLE: Senior Vice-President DATE: 7-3-90

In accordance with 10 CFR § 55.5, Communications, this form shall be submitted to the NRC as follows:  
BY MAIL ADDRESSED TO: Director, Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555  
BY DELIVERY IN PERSON TO THE NRC OFFICE AT: 7920 Norfolk Avenue  
Bethesda, MD