



GPU Nuclear Corporation
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Writer's Direct Dial Number:

Director, Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

December 31, 1992
C321-92-2352

Gentlemen,

Subject: Oyster Creek Nuclear Generating Station
Docket No. 50-219
Certification of Oyster Creek Plant Referenced Simulator

Ref: NRC Letter from Alexander W. Dromerick to John J. Barton,
dated April 10, 1992.

In accordance with 10 CFR 55.45(b)(5), attached is NRC Form 474, "Simulation Facility Certification", and the requisite supporting documentation to certify the Oyster Creek simulation facility consisting solely of a plant referenced simulator meets the requirements of 10 CFR 55.45.

The NRC letter referenced above granted GPU Nuclear an exemption from 10 CFR 55.45(b)(2)(iii) which allowed an extension of the certification deadline from March 26, 1991 (as specified in the rule) to December 31, 1992.

The Oyster Creek Plant Referenced Simulator was designed and constructed by Westinghouse Electric Corporation. Certification testing was performed at the Westinghouse facility in Monroeville, Pennsylvania during factory acceptance testing. The simulator was delivered to Oyster Creek the weeks of November 23 and November 30, 1992. A supplemental report to this initial certification will be submitted by February 28, 1993 which will include a description of those characteristics that could not be tested or verified at the factory.

The resumes of the certification test personnel will be forwarded under separate cover. If there are any questions regarding this matter, please contact Mr. Michael Heller, Licensing Engineer, at (609) 971-4680.

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Sincerely,

C.A. Mascari

Attachment

C.A. Mascari
Vice President & Director
Nuclear Assurance

cc: NRC Document Control Desk
Senior NRC Resident Inspector
Oyster Creek NRC Project Manager

9301070100 921231
PDR ADOCK 05000219
P EPR

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SIMULATION FACILITY CERTIFICATION

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 120 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNBB 7714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0138), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

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	Oyster Creek Nuclear Generating Station	DOCKET NUMBER	50-219
LICENSEE	GPU Nuclear	DATE	12/31/92

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 55.45.
 2. Documentation is available for NRC review in accordance with 10 CFR 55.45(b).
 3. This simulation facility meets the guidance contained in ANSI/ANS 3.5, 1985, as endorsed by NRC Regulatory Guide 1.142.
- If there are any exceptions to the certification of this item, check here ☒ and describe fully on additional pages as necessary.

NAME (or other identification) AND LOCATION OF SIMULATION FACILITY

Oyster Creek Plant Referenced Simulator, Forked River, NJ

☒ 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.)

See Attachment D - Testing Program

☒ 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.)

See Attachment D - Testing Program

☐ 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.)

Not Applicable

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

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

C.A. Mascari

TITLE

V.P. & Director, Nuclear Assurance

DATE

12/31/92

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:

One White Flint North
11555 Rockville Pike
Rockville, MD