

October 5, 1992

Docket No. 50-219

Mr. John J. Barton
Vice President and Director
GPU Nuclear Corporation
Oyster Creek Nuclear Generating Station
Post Office Box 388
Forked River, New Jersey 08731

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Dear Mr. Barton:

SUBJECT: OYSTER CREEK NUCLEAR GENERATING STATION - ENVIRONMENTAL ASSESSMENT
(TAC NO. M82847)

Enclosed is a copy of the Environmental Assessment and Finding of No Significant Impact which relates to your submittal dated February 19, 1992, requesting a license amendment to delete the auto-start logic of the of the Containment Spray System (CSS) by plant modifications to be performed in the 14R refueling outage. In order to achieve this, revisions are necessary to Technical Specifications 3.1 and 3.4 Bases sections; deletion of the Instrumentation Requirements of Table 3.1-1 Section E; deletion of Containment Spray System from Table 4.1.2 (which lists surveillance test frequencies for Automatic Trip Systems); and deletion of the surveillance requirement of Technical Specification 4.4.C.2 for auto-start actuation test.

These changes are necessary in order to remove the auto-initiation logic from the CSS control circuits and associated interfaces with the Emergency Service Water System supply and actuation circuitry, and diesel generator block loading sequence.

Sincerely,

Original signed
by

Alexander W. Dromerick, Sr. Project Manager
Project Directorate I-4
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/enclosure:
See next page

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NAME	SNorris	ADromerick:cn	JStolz	AmB	
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Mr. John J. Barton
GPU Nuclear Corporation

Oyster Creek Nuclear
Generating Station

cc:

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UNITED STATES NUCLEAR REGULATORY COMMISSIONGPU NUCLEAR CORPORATIONJERSEY CENTRAL POWER & LIGHT COMPANYDOCKET NO. 50-219ENVIRONMENTAL ASSESSMENT ANDFINDING OF NO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (NRC or the Commission) is considering issuance of an amendment to Facility Operating License No. DPR-16 issued to GPU Nuclear Corporation, et al. (the licensee), for operation of the Oyster Creek Nuclear Generating Station, located in Ocean County, New Jersey.

ENVIRONMENTAL ASSESSMENTIdentification of the Proposed Action:

The proposed amendment would delete the auto-start logic of the of the Containment Spray System (CSS) by plant modifications to be performed in the 14R refueling outage. In order to achieve this, revisions are necessary to Technical Specifications 3.1 and 3.4 Bases sections; deletion of the instrumentation requirements of Table 3.1-1 Section E; deletion of CSS from Table 4.1.2 (which lists surveillance test frequencies for Automatic Trip Systems); and deletion of the surveillance requirement of Technical Specification 4.4.C.2 for auto-start actuation test.

These changes are necessary in order to remove the auto-initiation logic from the CSS control circuits and associated interfaces with the Emergency Service Water System supply and actuation circuitry, and diesel generator block loading sequence.

The proposed amendment is in accordance with GPU Nuclear Corporation's application dated February 19, 1992.

Need for the Proposed Action:

The proposed changes to the Facility Operating License are needed because it would resolve an identified potential safety concern involving single failure criteria as applied to the CSS auto-initiation logic.

Environmental Impacts of the Proposed Action:

The Commission has completed its evaluation of the proposed revision to delete the auto-start logic of the CSS by plant modifications to be performed in the 14R refueling outage.

Based on its review, the Commission concludes that the proposed changes are acceptable and fulfill GPU Nuclear Corporation's commitment to the NRC made in LER 86-023 which was to evaluate and implement the proposed modification which mitigates a potential safety concern involving single failure criteria as applied to the containment spray system auto-initiation logic. The Commission has determined that the proposed changes do not alter any initial conditions assumed for the design basis accidents previously evaluated nor change operation of safety systems utilized to mitigate the design basis accidents.

The proposed changes do not increase the probability or consequences of accidents. No changes are being made in the types of any effluents that may be released offsite, and there is no significant increase in the allowable individual or cumulative occupational radiation exposure. Accordingly, the Commission concludes that the proposed action would result in no significant radiological environmental impact.

With regard to potential nonradiological impacts, the proposed changes to the Technical Specifications involve components in the plant which are located within the restricted area as defined in 10 CFR Part 20. They do not affect nonradiological plant effluents and have no other environmental impacts. Therefore, the Commission concludes that there are no significant nonradiological impacts associated with the proposed amendment.

Alternatives to the Proposed Action:

Since the Commission concludes that there are no significant environmental effects that would result from the proposed action, any alternatives with equal or greater environmental impacts need not be evaluated.

Alternative Use of Resources:

The action would involve no use of resources not previously considered in the Final Environmental Statement for the Oyster Creek Nuclear Generating Station dated December 1974.

Agencies and Persons Consulted:

The Commission's staff reviewed the licensee's request and did not consult other agencies or persons.

FINDING OF NO SIGNIFICANT IMPACT

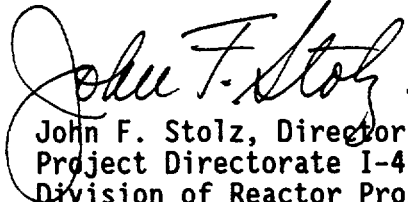
The Commission has determined not to prepare an environmental impact statement for the proposed amendment. Based upon the foregoing environmental assessment, the Commission concludes that the proposed action will not have a significant effect on the quality of the human environment.

For further details with respect to this action, see the application for amendment dated February 19, 1992, which is available for public inspection in the Commission's Public Document Room, the Gelman Building, 2120 L Street, NW.,

Washington, DC 20555, and at the local public document room located at the Ocean County Library, Reference Department, 101 Washington Street, Toms River, New Jersey 08753.

Dated at Rockville, Maryland this 5th day of October 1992.

FOR THE NUCLEAR REGULATORY COMMISSION



John F. Stolz, Director
Project Directorate I-4
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation