

September 18, 1991

Docket No. 50-219

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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

Dear Mr. Barton

SUBJECT: ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT
IMPACT - EXEMPTION FROM SPECIFIC TECHNICAL REQUIREMENTS
CONTAINED IN 10 CFR 50.62(c)(3) - TAC NO. 80877

Enclosed is the Environmental Assessment and Finding of No Significant Impact which relates to your request dated June 28, 1991, for exemption from technical requirements contained in 10 CFR 50.62(c)(3) related to the diversity requirements for the Alternate Rod Injection System (ARI) at Oyster Creek.

This assessment is being forwarded to the Office of the Federal Register for publication.

Sincerely,

Original signed by

Alexander W. Dromerick, Senior 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

OFC	:PDI-4:LA	:PDI-4:PM	:PDI-4:D	:OGC	: <i>AGB</i>
NAME	:SNORRIS	:ADromerick/Bah	:JStolz	: <i>CBachmann</i>	
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Mr. John J. Barton
GPU Nuclear Corporation

Oyster Creek Nuclear
Generating Station

cc:

Ernest L. Blake, Jr.
Shaw, Pittman, Potts and Trowbridge
2300 N Street, NW
Washington, D.C. 20037

Resident Inspector
c/o U.S. NRC
Post Office Box 445
Forked River, New Jersey 08731

I. H. Jolles, Executive Vice President
GPU Service Corporation
100 Interpace Parkway
Parsippany, New Jersey 07054

Kent Tosch, Chief
New Jersey Department of Environmental
Protection
Bureau of Nuclear Engineering
CN 415
Trenton, New Jersey 08625

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, Pennsylvania 19406

EWR Licensing Manager
GPU Nuclear Corporation
1 Upper Pond Road
Parsippany, New Jersey 07054

Mayor
Lacey Township
818 West Lacey Road
Forked River, New Jersey 08731

Licensing Manager
Oyster Creek Nuclear Generating Station
Mail Stop: Site Emergency Bldg.
P. O. Box 388
Forked River, New Jersey 08731

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 (the Commission) is considering issuance of an exemption from the specific technical requirements of 10 CFR 50.62(c)(3) related to the diversity requirements for the Alternate Rod Injection System to GPU Nuclear Corporation, et al. (the licensee) for the Oyster Creek Nuclear Generating Station, located at the licensee's site in Ocean County, New Jersey.

ENVIRONMENTAL ASSESSMENTIdentification of Proposed Action:

The licensee is requesting exemption from requirements of 10 CFR 50.62(c)(3) related to the diversity requirements for the Alternate Rod Injection System at Oyster Creek. The licensee's request and bases for exemption are contained in a letter dated June 28, 1991. "

Need for the Proposed Action:

The exemption is needed because additional modifications to achieve compliance with the regulations represent an unwarranted burden on the licensee since the cost for modifications at Oyster Creek are significantly in excess of costs incurred by other boiling water reactor plants. The compliance with full diversity would result in undue hardship.

Environmental Impacts of the Proposed Action:

The Commission has completed its evaluation of the proposed exemption from the diversity requirements of 10 CFR 50.62(c)(3) for the Alternate Rod Injection System (ARI) at Oyster Creek.

Based on its review, the Commission has concluded that the requested exemption is valid and should be granted. Therefore, the proposed exemption does not increase the probability or consequences of accidents, no changes are being made in the types of effluents that may be released offsite, and there is no significant increase in the allowable individual or cumulative occupational exposure. Accordingly, the Commission concludes that the proposed exemption would result in no significant radiological environmental impact.

With regard to nonradiological impacts, the proposed exemption from the requirements of 10 CFR 50.62(c)(3) involves a component in the reactor plant which is located within the restricted area as defined in 10 CFR Part 20. It does not affect nonradiological plant effluents and has no other environmental impact. Therefore, the Commission concludes that there are no significant nonradiological environmental impacts associated with the proposed exemption.

Alternatives to the Proposed Action:

It has been concluded that there is no measurable impact associated with the proposed exemption; any alternatives to the exemption will have either no environmental impact or greater environmental impact.

Alternative Use of Resources:

This action does not involve the use of resources beyond the scope of resources used during normal plant operation.

Agencies and Persons Consulted:

The Commission's staff reviewed the licensee's request that supports the proposed exemption. The staff did not consult other agencies or persons.

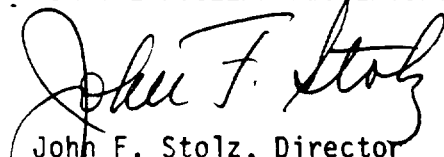
FINDING OF NO SIGNIFICANT IMPACT

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

For further details with respect to the proposed action, see the licensee's letter dated June 28, 1991, which is available for public inspection at 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 18th day of September, 1991.

FOR THE NUCLEAR REGULATORY COMMISSION



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