

July 31, 1991-

Docket No. 50-219

DISTRIBUTION

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

Docket file EJordan
NRC & L PDRs ACRS (10)
PDI-4 Plant GPA/PA
SVarga CHEhl, RI
JCalvo
SNorris
ADromerick
OGC

Dear Mr. Barton:

SUBJECT: OYSTER CREEK NUCLEAR GENERATING STATION - ENVIRONMENTAL ASSESSMENT
(TAC 77497)

Enclosed is a copy of the Environmental Assessment and Finding of No Significant Impact which relates to your submittal dated August 14, 1990 as revised June 18, 1991, requesting a license amendment to revise the Technical Specification Section 3.4 to incorporate the 10 CFR 50.46 loss-of-coolant accident analysis that is the basis for the Average Planar Linear Heat Generation Rate limit provided in Technical Specification Section 3.10 "Core Limits." The Limiting Conditions for Operation and Bases will be changed as appropriate.

Sincerely,

/s/

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

NRC FILE CENTER COPY

CP-1

OFC	: PDI-4:LA	: PDI-4:PM	: PDI-4:D <i>7/31/91</i>	: OGC <i>MMJ</i>	:
NAME	: SNorris	: ADromerick/Bah	: JSfor <i>7/27/91</i>	: <i>MMJ/mag</i>	:
DATE	: <i>7/18/91</i>	: <i>7/19/91</i>	: <i>7/19/91</i>	: <i>7/26/91</i>	:

OFFICIAL RECORD COPY
Document Name: EA 77447

Defol
11

9108020326 910731
PDR ADOCK 05000219
P PDR

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

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

ENVIRONMENTAL ASSESSMENTIdentification of Proposed Action:

The proposed amendment would revise the Technical Specification Section 3.4 to incorporate the 10 CFR 50.46 loss-of-coolant accident analysis that is the basis for the Average Planar Linear Heat Generation Rate (APLHGR) limit provided in Technical Specification Section 3.10 "Core Limits". The Limiting Conditions for Operation and Bases will be changed as appropriate.

The proposed amendment is in accordance with GPU Nuclear Corporation's application dated August 14, 1990, as supplemented June 18, 1991.

Need for the Proposed Action:

The proposed changes to the Facility Operating License are needed because the reduction of the APLHGR limits when a redundant Core Spray Loop is out of service would ensure 10 CFR 50.46 criteria are met for each action statement of the applicable Limiting Condition for Operation (LCO).

Environmental Impacts of the Proposed Action:

The Commission has completed its evaluation of the proposed revision to the Technical Specification 3.4 to incorporate the 10 CFR 50.46 loss-of-coolant accident analysis that is the basis for the APLHGR limit provided in Technical Specification Section 3.10 "Core Limits."

Based on its review, the Commission concludes that the proposed changes are acceptable. The NRC staff 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 NRC staff reviewed the licensee's request and did not consult other agencies or persons.

FINDING OF NO SIGNIFICANT IMPACT

The NRC staff has determined not to prepare an environmental impact statement for the proposed amendment.

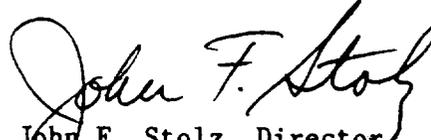
Based upon the foregoing environmental assessment, the NRC staff concludes that the proposed action will not have a significant effect on the quality of the human environment.

For further details with respect to this action, see the application for amendment dated August 14, 1990, as revised June 18, 1991, which are 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 31st day of July 1991.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script that reads "John F. Stolz". The signature is written in dark ink and is positioned above the typed name and title.

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