

MAY 16 1990

Docket No. 50-219

Mr. E. E. Fitzpatrick  
Vice President and Director  
Oyster Creek Nuclear Generating Station  
Post Office Box 388  
Forked River, New Jersey 08731

Dear Mr. Fitzpatrick:

SUBJECT: OYSTER CREEK NUCLEAR GENERATING STATION ENVIRONMENTAL ASSESSMENT  
(TAC NO. 75210)

Enclosed is a copy of the Environmental Assessment and Finding of No Significant Impact which relates to your submittal dated October 18, 1989 as supplemented February 21, 1990 requesting a license amendment to revise Technical Specifications 3.17 and 4.17. Specifically, the changes are as follows: (1) two control room heating, ventilating, and air conditioning (HVAC) systems shall be operable during all modes of operation, (2) addition of new limiting conditions for operation for the Control Room, and (3) delete surveillance to determine the makeup air plus infiltration air (less than or equal to 2000 cfm) to the control room HVAC system.

The assessment has been forwarded to the Office of the Federal Register for publication.

Sincerely,

/s/

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

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Mr. E. E. Fitzpatrick  
Oyster Creek Nuclear Generating Station

Oyster Creek Nuclear  
Generating Station

cc:

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Forked River, New Jersey 08731

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

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

ENVIRONMENTAL ASSESSMENTIdentification of Proposed Action:

The proposed amendment would revise Technical Specifications 3.17 and 4.17. Specifically, the changes are as follows: (1) two control room heating, ventilating, and air conditioning (HVAC) systems shall be operable during all modes of operation, (2) addition of new limiting conditions for operation for the Control Room, and (3) delete surveillance to determine the makeup air plus infiltration air (less than or equal to 2000 cfm) to the control room HVAC system.

The proposed amendment is in accordance with GPU Nuclear Corporation's application dated October 18, 1989, as supplemented February 21, 1990.

The Need for the Proposed Action:

The proposed changes to the Technical Specifications are needed as a result of the 12 R outage final system upgrades for Control Room Habitability. The Control Room now has two independent HVAC systems. Presently, the Technical Specifications recognize only a single system.

Environmental Impacts of the Proposed Action

The Commission has completed its evaluation of the proposed revisions to Technical Specifications. The proposed revision to upgrade control room habitability by installing two independent HVAC systems provides remedial measures to address a potential single failure of an active component in either system.

Based on the above, the staff has determined that the proposed Technical Specifications do not alter any initial conditions assumed for the design basis accidents previously evaluated nor do they change operation of safety systems utilized to mitigate them. Therefore, the proposed changes (1) do not involve a significant increase in the probability or consequences of any accident previously evaluated, (2) do not create the possibility of a new or different kind of accident from any accident previously evaluated, and (3) do not involve a significant reduction in the margin of safety.

Therefore, 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 these proposed actions would result in no significant radiological environmental impact.

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

The Notice of Consideration of Issuance of Amendment and Opportunity for Hearing in connection with this action was published in the FEDERAL REGISTER on November 22, 1989 (54 FR 48339). No request for hearing or petition for leave to intervene was filed following this notice.

Alternatives to the Proposed Action

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

The principal alternative would be to deny the requested amendment. This would not be compatible with the installed Control Room HVAC system which consists of two independent HVAC systems.

Alternative Use of Resources:

The action would involve no use of resources not previously considered in the Final Environmental Statement (FES) for the Oyster Creek Nuclear Generating Station.

Agencies and Persons Consulted:

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

FINDING NO SIGNIFICANT IMPACT

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

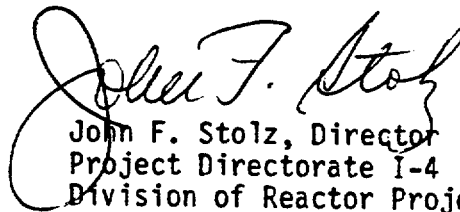
Based upon the foregoing environmental assessment, we conclude that the proposed actions will not have a significant effect on the quality of the human environment.

For further details with respect to this action, see the application for amendment dated October 18, 1989, as supplemented February 21, 1990, which is available for public inspection in the Commission's Public Document Room, the Gelman Building, 2120 L Street, N.W., Washington, D.C. 20555, and at the Ocean

County Library, Reference Department, 101 Washington Street, Toms River, New Jersey 08753.

Dated at Rockville, Maryland, this May 16, 1990.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script, reading "John F. Stolz". The signature is written in black 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