

December 12, 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 7722)

Enclosed is a copy of the Environmental Assessment and Finding of No Significant Impact which relates to your submittal dated September 21, 1990, requesting a license amendment to revise Provisional Operating License No. DPR-16, License Condition 2.C.(7) to accommodate implementation of a 21-month operating cycle with a 3-month outage or a 24-month plant refueling cycle for the core spray spargers surveillance intervals. The remainder of the September 21, 1990 application will be acted upon at a later date.

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

Sincerely,

*151*

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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*PH* SUBJECT TO CHANGE'S INDICATION ON PAGES 2, 3 OF ENVIRONMENTAL ASSESSMENT

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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 ANDFINDING 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 Oyster Creek Nuclear Generating Station, located in Ocean County, New Jersey.

ENVIRONMENT ASSESSMENTIdentification of Proposed Action:

The proposed amendment would revise the Provisional Operating License No. DPR-16, License Condition 2.C.(7) to accommodate implementation of a 21-month operating cycle with a 3-month outage or a 24-month plant refueling cycle for the core spray spargers surveillance.

The proposed amendment is in accordance with GPU Nuclear Corporation's application dated September 21, 1990. The remainder of the application will be acted upon at a later date.

Need for the Proposed Action:

The proposed change to the Provisional Operating License is needed so that surveillance requirements for the core spray spargers is extended to

accommodate a 21-month operating cycle with a 3-month outage or a 24-month plant refueling cycle.

Environmental Impacts of the Proposed Action:

The Commission has completed its evaluation of the proposed revision to Provisional Operating License No. DPR-16, License Condition 2.C.(7). The proposed revision would accommodate implementation of a 21-month operating cycle with a 3-month outage or a 24-month plant refueling cycle for the Oyster Creek core spray spargers surveillance. The surveillance interval is presently 20 months.

Based on its review, the Commission concludes that the proposed change is acceptable. The staff has determined that the proposed change does 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 change does 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 proposed action would result in no significant radiological environmental impact.

With regard to potential nonradiological impacts, the proposed change to the License involves one component in the 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 impacts. Therefore, the Commission concludes that there are no significant nonradiological environmental impacts associated with the proposed amendment.

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.

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 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

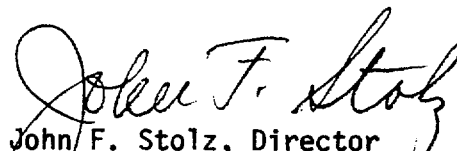
The staff has determined not to prepare an environmental impact statement for the proposed amendment.

Based upon the foregoing environmental assessment, we conclude that the proposed 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 September 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 the Ocean County Library, Reference Department, 101 Washington Street, Toms River, New Jersey 08753.

Dated at Rockville, Maryland this 12th day of December, 1990.

FOR THE NUCLEAR REGULATORY COMMISSION



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