



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 74 TO PROVISIONAL OPERATING LICENSE NO. DPR-16

GPU NUCLEAR CORPORATION AND

JERSEY CENTRAL POWER & LIGHT COMPANY

OYSTER CREEK NUCLEAR GENERATING STATION

DOCKET NO. 50-219

1.0 INTRODUCTION

By letter dated July 18, 1983, as supplemented February 1 and March 12, 1984, GPU Nuclear Corporation (GPU) requested an amendment to Provisional Operating License No. DPR-16 for the Oyster Creek Nuclear Generating Station. This amendment would authorize changes to Appendix A Technical Specifications to include action statements applicable to the loss of secondary containment integrity.

A Notice of Consideration of Issuance of Amendment and Proposed No Significant Hazards Consideration Determination and Opportunity for Hearing related to the requested action was published in the Federal Register on April 25, 1984 (49 FR 17861). A request for hearing and public comments were not received.

2.0 DISCUSSION AND EVALUATION

The proposed changes to Section 3.5.B of the Appendix A Technical Specifications include action statements applicable to the loss of secondary containment integrity. Section 3.5.B.1.1 would be added to include what action is to be taken when secondary containment integrity is not maintained during operating Modes 1-4. Section 3.5.B.1.1 reads as follows:

Upon accidental loss of secondary containment integrity, restore secondary containment within 4 hours, or;

a. During Power Operation

- (1) Have the reactor mode switch in the shutdown mode position within the following 24 hours.
- (2) Cease all work on the reactor or its connected system in the reactor building which could result in an inadvertent release of radioactive materials.

- (3) Cease all operations in, above, or around the Spent Fuel Pool that could cause release of radioactive materials.

b. During Refueling

- (1) Cease fuel handling operation or activities which could reduce the shutdown margin (excluding reactor coolant temperature changes).
- (2) Cease all work on the reactor or its connected systems in the reactor building which could result in inadvertent releases of radioactive materials.
- (3) Cease all operations in, above, or around the Spent Fuel Storage Pool that could cause release of radioactive materials.

The additional restrictions on operation and maintenance will give assurance that the probability of inadvertent releases of radioactive material will be minimized. Maintenance will not be performed on systems which connect to the reactor vessel lower than the top of the active fuel unless the system is isolated by at least one locked closed isolation valve.

Section 3.5.B.1.d would be modified to clarify its intent with the addition of the statement, "which could result in inadvertent releases of radioactive material."

The Licensee has noted that the existing specifications do not address what actions are to be taken upon the loss of secondary containment integrity. The inclusion of actions into Section 3.5.B.1.1 to mitigate the loss of secondary containment will enhance the safety of the plant. The modification to Section 3.5.B.1.d will clarify the intent of the Specification regarding the conditions which must be fulfilled in order that secondary containment need not be maintained. Accordingly, the staff finds the proposed changes to Sections 3.5.B.1.1 and 3.5.B.1.d of the Technical Specifications to be acceptable.

### 3.0 ENVIRONMENTAL CONSIDERATION

This amendment involves a change in the installation or use of a facility component located within the restricted area. The staff has determined that the amendment involves no significant increase in the amounts of any effluents that may be released offsite and that there is no significant increase in individual or cumulative occupation radiation exposure. The Commission has previously issued a proposed finding that this amendment involves no significant hazards consideration and there has been no public comment on such finding. Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR Section 51.22(c)(9). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of this amendment.

4.0 CONCLUSION

The staff has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner; and (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

5.0 ACKNOWLEDGEMENT

This evaluation was prepared by L. Ruth.

Dated: June 19, 1984