

# NUCLEAR REGULATORY COMMISSION WASHINGTON, D.C. 20656

RELATED TO AMENDMENT NO. 159

TO FACILITY OPERATING LICENSE NO. DPR-16

GPU NUCLEAR CORPORATION AND

JERSEY CENTRAL POWER & LIGHT COMPANY

DOCKET NO. 50-219

OYSTER CREEK NUCLEAR GENERATING STATION

## 1.0 INTRODUCTION

By letter dated March 17, 1992 (Ref. 1), GPU nuclear Corporation (GPUN or the licensee) proposed changes to the Technical Specifications (TS) associated with the surveillance requirements for the Standby Liquid Control System (SLCS) for Oyster Creek Nuclear Generating Station (OCNGS). The licensee has proposed to modify the surveillance interval of the Boron-10 (B-10) enrichment of the SLCS tank from once per cycle at each refeeling outage with analyses available within 30 days after startup, to once every 24 months with results available within 30 days after the sampling. The change was requested to allow flexibility in performing the surveillance.

#### 2.0 EVALUATION

The current Technical Specification requires a Boron-10 enrichment surveillance of the Standby Liquid Control System at each refueling outage. The licensee purchases sodium pentaborate preformulated and pre-enriched, and the B-10 enrichment is verified prior to shipment to the site. Because B-10 is very stable, the enrichment of the solution will not change while in storage or in the SLCS tank. The intent of the requirement to check the B-10 enrichment at each refueling outage is to verify the enrichment of the SLCS tank at least once per cycle. Since it is possible to perform this surveillance at any time during the cycle including power operations, the current TS unnecessarily restricts this surveillance to the refueling outage.

Since OCNGS operates on a 24-month fuel cycle, the proposed frequency of once every 24 months will be at least as frequent as once every refueling outage. The proposed change is, therefore, acceptable.

Based on the staff evaluation in Section 2.0 above, the staff concludes that the proposed Technical Specifications concerning the surveillance of the Boron-10 enviciment of the SLCS tank are acceptable.

3.0 TECHNICAL SPECIFICATION CHANGES

TS Section 4.2.E.5 - Change frequency of surveillance of solution Boron-10 enrichment from each refueling outage to once every 24 months.

TS BASES Section 4.2 - Revised to reflect the above changes to the surveillance interval for the solution Boron-10 enrichment.

# 4.0 STATE CONSULTATION

In accordance with the Commission's regulations, the New Jersey State official was notified of the proposed issuance of the amendment. The State official had no comments.

# 5.0 ENVIRONMENTAL CONSIDERATION

The amendment changes surveillance requirements. The NRC staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that the amendment involves no significant hazards consideration, and there has been no public comment on such finding (57 FR 13131). Accordingly, the amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 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 the amendment.

### 6.0 CONCLUSION

The Commission 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, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: A. Cubbage

Date: August 5, 1992