

JUL 09 1992

Docket No. 50-219

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

Dear Mr. Barton:

Subject: Electrical Distribution System Functional Inspection of Oyster Creek,  
Inspection Report No. 50-219/92-80

This letter transmits the report of the team inspection conducted by Mr. J. E. Beall and other NRC and contractor personnel, from May 4 to June 5, 1992, at the Oyster Creek Nuclear Generating Station in Forked River, New Jersey. Mr. Beall discussed the findings of the inspection with you and other members of GPU Nuclear Corporation at the conclusion of the inspection on June 5, 1992.

This inspection was directed toward areas important to public health and safety. Areas examined during this inspection are discussed in the enclosed inspection report. Within these areas, the inspection consisted of selective examinations of electrical distribution system design calculations, relevant procedures and representative records, installed equipment, interviews with personnel, and observations by the inspectors.

The inspection team concluded, based upon the information provided, that the electrical distribution system at Oyster Creek Nuclear Generating Station was capable of performing its safety function. However, weakness was noted in the analysis and understanding of the design bases of the electrical distribution system. This weakness was demonstrated by the omission of ac voltage analyses at the component level for many safety-related devices, the absence of a voltage drop study for the safety-related 125 Vdc system, and deficiencies in safety-related 4kV and 460V switchgear room HVAC alarms and procedural guidance.

Based upon the results of the inspection, one violation was identified as set forth in the Notice of Violation, enclosed herewith as Appendix A. The violation has been categorized by severity level in accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (enforcement Policy) (1991). You are required to respond to this Notice of Violation (NOV) and, in preparing your response, you should follow the instructions in Appendix A.

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One additional violation was identified involving mistakes in voltage analysis calculation. Due to its minor safety significance and your corrective actions, this violation is not being cited in accordance with the NRC Enforcement Policy, such that no NOV has been enclosed and no response is required concerning this violation.

We request that you provide us, in writing, within thirty days of the receipt of this letter, with a schedule for the resolution of the unresolved issues identified in this report and any actions taken or planned in order to enhance the functionality of the electrical distribution system.

Your cooperation with us in this matter is appreciated.

Sincerely,

Marvin W. Hodges, Director  
Division of Reactor Safety

Enclosures:

1. NRC Inspection Report No. 50-219/92-80
2. NRC Notice of Violation, Appendix A

cc w/encl:

M. Laggart, Manager, Corporate Licensing  
G. Busch, Licensing Manager, Oyster Creek  
K. Abraham, PAO (2)  
Public Document Room (PDR)  
Local Public Document Room (LPDR)  
Nuclear Safety Information Center (NSIC)  
NRC Resident Inspector  
State of New Jersey

bcc w/encl:

Region I Docket Room (with concurrences)  
Management Assistant, DRMA (w/o encl)  
DRS SALP Coordinator  
R. Blough, DRP  
J. Rogge, DRP  
R. Lobel, OEDO  
A. Dromerick, NRR/PD1-4  
W. Ruland, DRS

RI:DRS  
*Beall*  
*JB*  
7/8/92

RI:DRS  
Anderson  
*cia*  
7/8/92

~~RI:DRS~~  
~~Lanning~~  
~~7/1/92~~

RI:DRS  
Hodges  
*MHR*  
7/9/92