

GPU Nuclear Corporation

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January 20, 1986

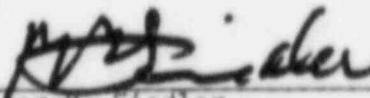
Dr. Thomas E. Murley
Regional Administrator
US Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, PA 19406

Dear Dr. Murley:

Subject: Oyster Creek Nuclear Generating Station
Docket No. 50-219
Fire Protection Special Report

Enclosed is Fire Protection Special Report No. 85-03 which is submitted in accordance with Technical Specifications 3.12.E.

If any any questions or comments should arise, please contact Mr. Drew Holland, Oyster Creek Licensing Manager at (609)971-4643.


Peter B. Fiedler
Vice President & Director
Oyster Creek

PBF:JJR:dam
Enclosure
(0140A)

cc: NRC Resident Inspector
Oyster Creek Nuclear Generating Station
Forked River, NJ 08731

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OYSTER CREEK NUCLEAR GENERATING STATION
Forked River, NJ 08731
Special Report 85-03

Date of Discovery

December 16, 1985

Date of Report

January 20, 1986

Identification of Occurrence

An inspection of 14 fire dampers identified design or installation deficiencies which resulted in these dampers being determined to be inoperable.

Plant Condition Prior to Discovery

The reactor was fueled with the mode switch in the REFUEL position. The reactor coolant temperature was greater than 212°F.

Description of Discovery

On December 10, 1985, a field walkdown of the fire dampers installed in ventilation ducts penetrating fire barriers to safety related areas was performed. The fire areas evaluated were:

- The New Cable Spreading Room
- The Electrical Tray Room
- The 4160 Volt "C" and "D" Vaults
- The "C" Battery Room

As a result of the walkdown and the evaluation of the findings, 14 fire dampers were found to have similar deficiencies to those identified in IE Information Notice No. 83-69 and were declared inoperable on December 16, 1985.

Cause of Inoperability

The cause of inoperability was the as-found fire damper configuration which did not conform to applicable codes/standards and vendor's installation requirements. A review of the actual installation of these dampers was unable to assure the operability of the fire dampers due to the following deficiencies:

1. Three fire dampers were found to be installed in non-fire rated duct work. The remaining eleven fire dampers were installed at the rated fire barriers.

2. No UL label could be identified on five of the fourteen fire dampers. These are located in the floor of the New Cable Spreading Room.
3. All fourteen dampers were not installed per manufacturers installation instructions, involving one or more of the following specifics:
 - a. No clearance was provided around the fire damper to allow for thermal expansion.
 - b. On center spacing of damper attachment fasteners exceeded maximum limits.
 - c. Closure angles were not provided around the entire perimeter of the duct.
 - d. Closure angles were not provided on both sides of a fire barrier.
 - e. On center spacing of the fasteners holding the angle iron to the duct exceeded the maximum limits.

A preliminary evaluation indicated that 5 of the 14 fire dampers found inoperable may not require any modifications or repairs. These are located in the floor of the new cable spreading room. The results of this evaluation when finalized will either be incorporated in a revision to Oyster Creek's 10CFR50 Appendix R submittal or a separate submittal addressing this specific concern.

Action Taken

An hourly fire watch patrol was established within one hour of the determination of the dampers' inoperability as required by Oyster Creek Nuclear Generating Station Technical Specification 3.12.E for the fire areas identified above. The hourly fire watch patrol will continue until a final disposition for the dampers is accomplished.

Plans and Schedule

A definition of work scope and a schedule for implementation will be provided by February 28, 1986.