



GPU Nuclear

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January 11, 1983

Mr. Ronald Haynes, Director
Office of Inspection and Enforcement
Region I
United States Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Dear Mr. Haynes;

Subject: Oyster Creek Nuclear Generating Station
Docket No. 50-219
Nonroutine Environmental Operating Report No.
50-219 82-8-2

This transmittal forwards two copies of Nonroutine Environmental Operating Report 50-219 82-8-2 in accordance with paragraph 5.6.2 of Appendix B to the Technical Specifications. Please note that this report is being submitted past the thirty day limitation as a result of the need to further investigate this matter and to obtain approval from the Plant Operations Review Committee.

Very truly yours,

Peter B. Fiedler
Vice President and Director
Oyster Creek

PBF:DFM:jal

cc: Director (17 copies)
Office of Nuclear Reactor Regulations
United States Nuclear Regulatory Commission
Washington, D.C. 20555

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

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Oyster Creek Nuclear Generating Station

Forked River, New Jersey 08731

Nonroutine Environmental Operating Report No. 50-219 82-8-2

Report Date

January 11, 1983

Occurrence Date

December 5, 1982

Identification of Occurrence

Exceeding a limiting condition as defined in the Environmental Technical Specifications, paragraph 2.1.4.3, when an insufficient number of dilution pumps were in operation as specified in paragraph 2.1.4.2. Less than two dilution pumps were operating for greater than 15 minutes, and ambient water temperature was less than 60°F.

This event is considered to be a Nonroutine Environmental Report as defined in the Technical Specifications, Appendix "B", Paragraph 5.6.2.

Conditions Prior to Occurrence

Dilution Pump Flow 5.20 E5 GPM

Circulating Water Pump Flow 3.45 E5 GPM

Prior to the occurrence, the ambient water temperature in the intake canal was 53.2°F. The condenser discharge water temperature was 66.3°F, and the U.S. Route 9 discharge bridge temperature was 56.4°F.

Description of Occurrence

At 0322 hours on December 5, 1982, dilution pump 1-3 tripped, leaving only dilution pump 1-2 in operation. Dilution pump 1-3 was returned to service at 0433 hours.

Apparent Cause of Occurrence

The cause of this event is unknown. However, shortly after dilution pump 1-3 tripped, the seal water pump failed. The trip of pump 1-3 could be attributed to low seal water flow.

Analysis of Occurrence

Continuous operation of the dilution pumps is required to maintain water temperatures within the specified limiting conditions. The objective of operating the dilution pumps in the prescribed manner is to minimize the occurrence of adverse biological effects in Oyster Creek and contiguous water. There were no harmful marine biological effects observed during the period when an insufficient number of dilution pumps operated.

Corrective Action

Immediate corrective action involved putting dilution pump 1-3 in operating, using the fire water system instead of the seal water system.

Long term action, per a submittal to the Nuclear Regulatory Commission on July 1, 1981, involves a total dilution pump refurbishment program designed to improve the reliability and operability of the pumps. This includes upgrading of the dilution pump seal water and lubricating oil cooling water systems, pipe line strainers, pipe and heat tracing and overhaul of dilution pumps.