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OYSTER CREEK NUCLEAR GENERATING STATION
Forked River, New Jersey 08731

Nonroutine Environmental Operating Report No. 50-219/79-3

Report Date

August 14, 1979

Occurrence Date

July 19, 1979

Time of Occurrence

00:22 to 00:40

Identification of Occurrence

Exceeded a limiting condition of operation of the Technical Specifications, Appendix B, paragraph 2.1.4.3. This event is considered to be a nonroutine environmental operating report as defined in the Technical Specifications, Appendix B, paragraph 5.6.2.

Conditions Prior to Occurrence

The plant was operating at steady state power.

Dilution Pump Flow: 5.2×10^5 gpm
Circulating Pump Flow: 4.6×10^5 gpm
Power: Reactor 1818 MWt
Electrical 606 MWe

Description of Occurrence

At 00:22 of July 19, 1979, dilution pump #3 tripped out of service. Dilution pump #2 was not started until 00:40. This was not in conformance with the limiting condition of operation which requires that the reserve dilution pump be placed into service within fifteen minutes whenever there is an insufficient number of dilution pumps operating to meet the intent of the specifications.

Apparent Cause of Occurrence

Dilution pump #3 tripped out of service because of low seal water pressure. The low seal water pressure was due to a buildup of seaweed in the seal water pump section(s). Prior to starting the reserve dilution pump, the suction

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of the backup seal water pump had to be cleared. Once this was accomplished, a normal startup of dilution pump #2 was performed.

Analysis of Occurrence

During this occurrence, no unusual environmental effects were observed. Records of the discharge bridge temperature for the period show no unusual variations (less than 1°F. change). With respect to these slight variations in the discharge bridge temperatures, no unusual environmental effects would be expected.

Whenever an insufficient number of dilution pumps are available to meet the intent of the specifications, the Technical Specifications allow station operation for a period of fourteen days in order to make necessary repairs.

Corrective Action

The immediate corrective action was to clear the suction bell of the seal water pump so that sufficient seal water would be available to start the reserve dilution pump.

Failure Data

N/A

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