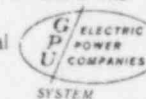


Jersey Central Power & Light Company



MADISON AVENUE AT PUNCH BOWL ROAD • MORRISTOWN, N. J. 07960 • 201-539-6111

General



Public Utilities Corporation

October 28, 1974



Mr. A. Giambusso
Deputy Director for Reactor Projects
Directorate of Licensing
United States Atomic Energy Commission
Washington, D. C. 20545

Dear Mr. Giambusso:

Subject: Oyster Creek Station
Docket No. 50-219
Abnormal Occurrence Report No. 50-219/74-55

The purpose of this letter is to forward to you the attached Abnormal Occurrence Report in compliance with paragraph 6.6.2.a of the Technical Specifications.

Enclosed are forty copies of this submittal.

Very truly yours,

Donald A. Ross
Manager, Nuclear Generating Stations

cs
Enclosures

cc: Mr. J. P. O'Reilly, Director
Directorate of Regulatory Operations, Region 1

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MEMBER OF THE

General



Public Utilities Corporation

OYSTER CREEK NUCLEAR GENERATING STATION
FORKED RIVER, NEW JERSEY 08731

Abnormal Occurrence
Report No. 50-219/74-55

Report Date

October 28, 1974

Occurrence Date

October 18, 1974

Identification of Occurrence

Failure of containment spray pump 51A to start when signaled to do so. This event is considered to be an abnormal occurrence as defined in the Technical Specifications, paragraph 1.15D.

Conditions Prior to Occurrence

The plant was at steady state power with the following major parameters:

Power:	Reactor, 1904 MWt
	Electric, 642 MWe
Flow:	Recirculation, 16.0×10^4 gpm
	Feedwater, 6.99×10^6 lb/hr
Stack Gas:	14,100 μ Ci/sec

Description of Occurrence

It was observed on Friday, October 18, 1974, at 1515, during the monthly surveillance test of the containment spray system that containment spray pump 51A for containment spray System 1 failed to start in the automatic mode when subjected to simulated low-low reactor water level and high drywell pressure signals. It was observed that the "pump failure" alarm initiated approximately 57 seconds

after the start signal was applied. In an attempt to determine the cause of the pump malfunction, the surveillance was again performed while monitoring the action of the 45 second time delay relay, TK1, and the contacts of relay 16K2A in the start circuit for the pump. It was observed that the 51A pump successfully started at this time and all aspects of its operation were found to be normal.

Apparent Cause of Occurrence

The cause of the occurrence is presently under investigation.

Analysis of Occurrence

The only significance associated with the failure of 51A to start is in a loss of system redundancy. Had conditions arisen requiring containment spray, pump 51C for System 2 would have started automatically and performed the containment heat removal function. In addition, the manually initiated backup pumps 51B for System 1 and 51D for System 2 were operable and could have been initiated. The containment heat removal function can be adequately supplied by a single containment spray pump.

Corrective Action

Since the failure of the pump to start did not repeat on the second surveillance test, the cause for the initial failure is indeterminable. Additional monitoring will be installed in an effort to determine the cause of the failure of the pump start circuit should the failure again occur.