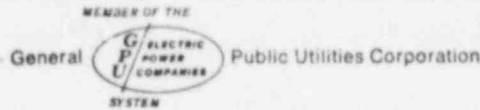


Jersey Central Power & Light Company



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



October 11, 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. 50-219/74-50



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

pk
Enclosures

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

8304080090 741011
PDR ADOCK 05000219
S PDR

10620

50-219
incident

COPY SENT REGION I

Jersey Central Power & Light Company



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

General



Public Utilities Corporation

OYSTER CREEK NUCLEAR GENERATING STATION FORKED RIVER, NEW JERSEY 08731

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

Report Date

October 11, 1974

Occurrence Date

October 4, 1974

Identification of Occurrence

Violation of the Technical Specifications, paragraph 3.5.A.1, failure of cleanup system DC isolation valve V-16-14 to close. This event is considered to be an abnormal occurrence as defined in the Technical Specifications, paragraph 1.15B.

Conditions Prior to Occurrence

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

Power:	Reactor, 1905 MWt
	Electric, 655 MWe
Flow:	Recirculation, 15.8×10^4 gpm
	Feedwater, 7.25×10^6 lb/hr
Reactor Pressure:	1020 psig
Stack Gas:	15,550 μ Ci/sec

Description of Occurrence

At 0830 on October 4, 1974, while attempting to isolate the cleanup system for maintenance, it was found that cleanup system DC isolation valve V-16-14 failed to close electrically. Cleanup system AC isolation valve V-16-1 had previously closed normally. Electrical Department personnel were then dispatched to the motor control center for V-16-14. An investigation revealed

that the arc horn on contactor 2B_C was bent and restraining the moving contactor in its closing motion. When the arc horn was tapped, the moving contactor was freed and V-16-14 subsequently closed.

Apparent Cause of Occurrence

The investigation into the bending of the 2B_C arc horn did not determine the cause of the occurrence. The specific cause is, therefore, still undetermined.

Analysis of Occurrence

The safety significance of this event is the loss of cleanup system isolation valve redundancy. Had a loss of coolant accident occurred generating a low-low reactor water level signal, V-16-1 would have closed to isolate the cleanup system.

Corrective Action

Immediate corrective action involved replacing the arc horn on the 2B_C contactor. Additional corrective action involved inspecting the arc horns on all DC contactors in the same motor control center. None of these arc horns were found to be bent.

Failure Data

Basic DC contactor data are as follows:

Manufacturer - General Electric Company
600V - 25 amp
Identification No. - 1C28001607 - F3G