

Jersey Central Power & Light Company



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

MEMBER OF THE
General  Public Utilities Corporation
SYSTEM

OYSTER CREEK NUCLEAR GENERATING STATION
Forked River, New Jersey 08731

Abnormal Occurrence
Report No. 50-219/75-28

Report Date

October 24, 1975

Occurrence Date

October 15, 1975

Identification of Occurrence

Failure of solenoid for valve V-28-24 (Standby Gas Treatment Orifice Valve) which subsequently rendered Standby Gas Treatment System No. 1 inoperable. This event is considered to be an Abnormal Occurrence as defined in the Technical Specifications, paragraph 1.15.D.

Conditions Prior to Occurrence

The plant was at steady state power with major plant parameters as follows:

Power:	Core, 700 MWt
	Electric, 191 MWe
Flow:	Recirculation, 6.1×10^4 gpm
	Feedwater, 2.19×10^6 lb/hr
Stack Gas:	3300 μ ci/sec

Description of Occurrence

On Wednesday, October 15, 1975, at approximately 2325, the Emergency Exhaust System EF-1-8 Fan Trip alarm was received in the Control Room. Subsequently, it was found that the control circuit fuse for fan EF-1-8 was blown. Following this event, an operability check of the redundant system (Standby Gas Treatment System No. 2) was performed satisfactorily.

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Apparent Cause of Occurrence

Failure of the air solenoid valve coil for air operated valve V-28-24 is the cause of the abnormal occurrence.

Analysis of Occurrence

Since the Standby Gas Treatment System is a redundant system, and the full required processing capability is available through the other system (System No. 2), the only safety significance of this event is the loss of Standby Gas Treatment System redundancy.

Corrective Action

The defective solenoid coil was replaced and Standby Gas Treatment System No. 1 was subsequently tested with satisfactory results.

Failure Data

Basic Valve Data:

Manufacturer: Skinner Electric Valve Division
New Britain, Connecticut

Valve Number: V53ADB2100

Voltage: 115 Volts

Power: 10 Watts

Design Pressure: 100 psig

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General



Public Utilities Corporation

October 24, 1975



Mr. R. Boyd, Acting Director
 Division of Reactor Licensing
 Office of Nuclear Reactor Regulation
 United States Nuclear Regulatory Commission
 Washington, D. C. 20555

Dear Mr. Boyd:

Subject: Oyster Creek Station
 Docket No. 50-219
Abnormal Occurrence Report No. 50-219/75-2S

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.

Very truly yours,

Donald A. Ross
 Donald A. Ross, Manager
 Generating Stations-Nuclear

CS

Enclosures

cc: Mr. J. P. O'Reilly, Director
 Office of Inspection and Enforcement, Region 1

12554

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