

Initial Telephone
Report Date:

October 16, 1975

Date of
Occurrence: October 15, 1975

Initial Written
Report Date:

October 16, 1975

Time of
Occurrence: 2325

OYSTER CREEK NUCLEAR GENERATING STATION
FORKED RIVER, NEW JERSEY 08731

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

IDENTIFICATION
OF OCCURRENCE:

Failure of solenoid for valve V-28-24 (Standby Gas Treatment Orifice Valve) which subsequently rendered Standby Gas Treatment System #1 inoperable. This event is considered to be an Abnormal Occurrence as defined in the Technical Specifications, paragraph 1.15D.

CONDITIONS PRIOR
TO OCCURRENCE:

<input checked="" type="checkbox"/> Steady State Power	<input type="checkbox"/> Routine Shutdown Operation
<input type="checkbox"/> Hot Standby	<input type="checkbox"/> Load Changes During
<input type="checkbox"/> Cold Shutdown	<input type="checkbox"/> Routine Power Operation
<input type="checkbox"/> Refueling Shutdown	<input type="checkbox"/> Other (Specify)
<input type="checkbox"/> Routine Startup	
<input type="checkbox"/> Operation	

The major plant parameters at the time of the event were as follows:

Power:	Core 700 MWt
	Electric 191 MWe
Flow:	Recirc. 6.1×10^4 gpm
	Feed. 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.

APPARENT CAUSE
OF OCCURRENCE:

<input type="checkbox"/> Design	<input type="checkbox"/> Procedure
<input type="checkbox"/> Manufacture	<input type="checkbox"/> Unusual Service Condition
<input type="checkbox"/> Installation/	<input type="checkbox"/> Inc. Environmental
<input type="checkbox"/> Construction	<input checked="" type="checkbox"/> Component Failure
<input type="checkbox"/> Operator	<input type="checkbox"/> Other (Specify)

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 full required processing capability is available through the other system (System #2) the only safety significance of this event is the loss of Standby Gas Treatment System redundancy.

CORRECTIVE
ACTION:

Initial corrective action was to replace the defective solenoid coil with a new one.

FAILURE DATA:

Basic Valve Data:

Manufacturer: Skinner Electric Valve Div.
New Britain, Conn.

Valve No.: V53ADB2100

Voltage: 115 Volts

Power: 10 Watts

Design Pressure: 100 psig

PREPARED BY:

T. E. Quintenz
T. Quintenz
Asso. Engineer

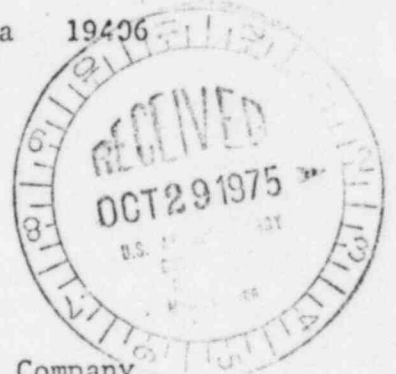
Date:

10/16/75

Mr. H. Thompson
R. Geller

TO:

James P. O'Reilly
Directorate of Regulatory Operations
Region I
631 Park Avenue
King of Prussia, Pennsylvania 19406



FROM:

Jersey Central Power & Light Company
Oyster Creek Nuclear Generating Station Docket #50-219
Forked River, New Jersey 08731

SUBJECT:

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

The following is a preliminary report being
submitted in compliance with the Technical
Specifications, paragraph 6.6.2.

Preliminary Approval:

J. T. Carroll, Jr. 10/16/75
Date

CC: Mr. A. Giambusso

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