

TO:

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

FROM:

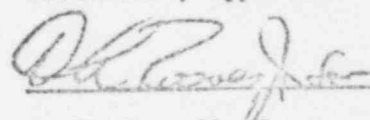
Jersey Central Power & Light Company  
Oyster Creek Nuclear Generating Station Docket #50-2  
Forked River, New Jersey 08731

SUBJECT:

Abnormal Occurrence Report No. 50-219/75/ 17

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

Preliminary Approval:

 6/19/75  
J. T. Carroll, Jr. Date

CC: Mr. A. Giambusso

8302230466 750619  
PDR ADOCK 05000219  
S PDR

Initial Telephone  
Report Date: 6/19/75

Date of  
Occurrence: 6/19/75

Initial Written  
Report Date: 6/19/75

Time of  
Occurrence: 1100

OYSTER CREEK NUCLEAR GENERATING STATION  
FORKED RIVER, NEW JERSEY 08731

Abnormal Occurrence  
Report No. 50-219/75/17

IDENTIFICATION  
OF OCCURRENCE:

Failure of Core Spray System Parallel Isolation  
Valve (V-20-15) to demonstrate operability during  
surveillance testing.

This event is considered to be an abnormal occur:  
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
<input type="checkbox"/> Hot Standby	<input type="checkbox"/> Operation
<input type="checkbox"/> Cold Shutdown	<input type="checkbox"/> Load Changes During
<input type="checkbox"/> Refueling Shutdown	<input type="checkbox"/> Routine Power Oper:
<input type="checkbox"/> Routine Startup	<input type="checkbox"/> Other (Specify)
<input type="checkbox"/> Operation	

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

Power: Core, 1600 MWt  
Elect, 530 MWe

Flow: Recirc,  $13.0 \times 10^6$  gpm  
Feed,  $5.91 \times 10^6$  lb/hr

Stack Gas: 9,600 uc/sec

DESCRIPTION OF  
OCCURRENCE:

On Thursday, June 19, 1975 at approximately 1100  
during the performance of surveillance testing of  
the four (4) Low Reactor Pressure Core Spray Val:  
Permissive Pressure Switches (RE 17A, B, C, and :  
Core Spray System Parallel Isolation Valve (V-20-  
failed to demonstrate operability. The testing :

each low pressure switch may be summarized as follows:

- (1) The sensor is isolated from the reactor, pressure is bled off and the opening of the associated parallel isolation valves is noted.
- (2) Using a test pump, a pressure in excess of 285 psig is impressed on the sensor and the closing of the associated parallel isolation valves is noted.
- (3) Pressure is bled off from the sensor and the opening of the associated parallel isolation valves is noted.

Valve (V-20-15) failed to close completely when Step (2) was being performed on pressure switch (RE 17B). It is noted that V-20-15 had previously functioned normally during the testing of pressure switch (RE 17A).

PERCENT CAUSE  
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)

Investigation revealed that the tab on the "B" phase of the valve motor breaker stab was broken resulting in intermittent contact with the associated bus bar. Consequently, the loss of one phase caused the valve motor to trip.

Normal Occurrence  
Report No. 50-219/75/17

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DESCRIPTION OF  
OCCURRENCE:

Each core spray system is provided with two (2) parallel isolation valves which open when a low-low reactor water level or high drywell pressure condition exists in addition to a low reactor pressure condition ( $< 285$  psig). The safety significance of this event is considered to be the loss of parallel isolation valve redundancy in one core spray system.

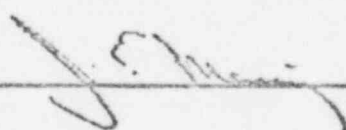
CORRECTIVE ACTION:

Immediate corrective action involved replacing the V-28-15 motor breaker stab and inspecting the motor breakers for the other parallel isolation valves.

FAILURE DATA:

To be supplied.

Prepared by:



Date:

6/19/75