

LICENSEE EVENT REPORT

CONTROL BLOCK

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME 01 N J O C P 1						LICENSE NUMBER 0 0 - 0 0 0 0 0 - 0 0						LICENSE TYPE 4 1 1 1 0				EVENT TYPE 0 1	
CATEGORY 01 CONT		REPORT TYPE P O		REPORT SOURCE T L		DOCKET NUMBER 0 5 0 - 0 2 1 9				EVENT DATE 0 1 0 2 7 6				REPORT DATE 0 1 1 2 7 6			

EVENT DESCRIPTION

02 During monthly surveillance test of high drywell pressure initiation of Core															
03 Spray System II, High Drywell Pressure Switch RV46B was found to trip at 2.75 psig															
04 rather than 2.0 psig. Only result was loss of redundancy in high drywell pressure															
05 switches associated with Core Spray System II. Plant was shut down for refueling.															
06 Mercury switch bulb in switch was replaced. (Reportable Occurrence No. 50-219/76-1/1P)															

SYSTEM CODE 07 S F		CAUSE CODE E		COMPONENT CODE I N S T R U				PRIME COMPONENT SUPPLIER N		COMPONENT MANUFACTURER 8 0 8 0				VIOLATION N	
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CAUSE DESCRIPTION

08 Barton ITT Model 278 pressure switch failed to actuate at 2.0 psig. Setting was															
09 found to be 2.75 psig. Mercury switch bulb replaced and switch tested															
10 satisfactorily.															

FACILITY STATUS 11 H		POWER 0 0 0		OTHER STATUS NA		METHOD OF DISCOVERY B		DISCOVERY DESCRIPTION Monthly surveillance					
FORM OF ACTIVITY RELEASED 12 Z		CONTENT OF RELEASE Z		AMOUNT OF ACTIVITY NA				LOCATION OF RELEASE NA					

PERSONNEL EXPOSURES

NUMBER 13 0 0 0		TYPE Z		DESCRIPTION NA									
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PERSONNEL INJURIES

NUMBER 14 0 0 0		DESCRIPTION NA									
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OFFSITE CONSEQUENCES

15 NA															
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LOSS OR DAMAGE TO FACILITY

TYPE 16 Z		DESCRIPTION NA									
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PUBLICITY

17 NA															
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ADDITIONAL FACTORS

18															
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19															
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NAME

PHONE

201-539-6111

Donald A. Ross, Manager-Generating Stations-Nuclear

EFC 831-667

8/03020628

Initial Telephone
Report Date: January 3, 1976

Date of
Occurrence: January 2, 1976

Initial Written
Report Date: January 5, 1976

Time of
Occurrence: 2300

OYSTER CREEK NUCLEAR GENERATING STATION
FORKED RIVER, NEW JERSEY 08731

Reportable Occurrence
Report No. 50-219/76-1/1P

IDENTIFICATION ~~Violation of the Technical Specifications paragraph 1.15B~~
OF OCCURRENCE: Failure of one of the High Drywell Pressure Switches associated with Core Spray Actuation to trip at a value equal to or less than 2 psig.

Reportable
This event is considered to be an ~~unusual~~ occurrence as defined in the Technical Specifications, paragraph 1.15B.

CONDITIONS PRIOR
TO OCCURRENCE:

<u> </u> Steady State Power	<u> </u> Routine Shutdown
<u> </u> Hot Standby	<u> </u> Operation
<u> </u> Cold Shutdown	<u> </u> Load Changes During
<u>XXX</u> Refueling Shutdown	<u> </u> Routine Power Operation
<u> </u> Routine Startup	<u> </u> Other (Specify)
<u> </u> Operation	<u> </u>

The reactor mode switch was in the Refuel position with reactor coolant temperature approximately 100° F.

DESCRIPTION

OF OCCURRENCE: On Friday, January 2, 1976, at approximately 2300 while performing the monthly surveillance of the high drywell pressure initiation of Core Spray System II, the RV46B (High Drywell Pressure Switch) trip point was found to be 2.75 psig. Following replacement of the mercury switch bulb within the pressure switch, the switch was retested and verified to trip at 2.0 psig. Tests on all the High Drywell Pressure Switches for the Core Spray Systems revealed the following data:

	Switch	Desired Setpoint	As Found	As Left
System I	RV46A RV46C	2 psig 2 psig	2.00 2.00	2.00 2.00
System II	RV46B RV46D	2 psig 2 psig	2.75 2.00	2.00 2.00

APPARENT CAUSE
OF OCCURRENCE:

☐ Design
☐ Manufacture
☐ Installation /
☐ Construction
☐ Operator

☐ Procedure
☐ Unusual Service Condition
☐ Inc. Environmental
☒ Component Failure
☐ Other (Specify)

Component failure has been identified as the cause of this event.

ANALYSIS OF
OCCURRENCE:

Since Core Spray System II would be actuated by either RV46B or RV46D, this occurrence is considered a loss of redundancy in the Drywell High Pressure Switches associated with Core Spray System II. If a high drywell condition would have occurred, RV46D would have initiated Core Spray System II at 2.0 psig. In addition, the redundant Core Spray System I would have actuated at 2.0 psig by tripping of RV46A and RV46C. The only safety significance of this event is the loss of redundancy in the High Drywell Pressure Switches associated with System II.

CORRECTIVE
ACTION:

Corrective action involved replacing the mercury switch bulb in the pressure switch and successively actuating RV46B to demonstrate that proper response could be consistently obtained.

FAILURE DATA:

Manufacturer: Barton IPT
 Type: Bellows - torque bar
 Range: 0-10 psig
 Model: 278

A previous abnormal occurrence report involving these switches was:

Abnormal Occurrence Report No. 50-219/75/20.

PREPARED BY:

DATE:

1/5/76