

Initial Telephone

Report Date: 1/9/74

Date of

Occurrence: 1/8/74

Initial Written

Report Date: 1/9/74

Time of

Occurrence: 1100

OYSTER CREEK NUCLEAR GENERATING STATION
FORKED RIVER, NEW JERSEY 08731

Abnormal Occurrence
Report No. 50-219/74/ 2

IDENTIFICATION
OF OCCURRENCE:

Violation of the Technical Specifications, Table 3.1.1.B.2 and 3, which specifies that the RE22 Main Steam Line high flow sensors actuate at a differential pressure corresponding to line flows ≤ 120% of rated.

This event is considered to be an abnormal occurrence as defined in the Technical Specifications, paragraph 1.15A.

CONDITIONS PRIOR
TO OCCURRENCE:

<u>X</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> </u>	Refueling Shutdown	<u> </u>	Routine Power Operation
<u> </u>	Routine Startup	<u> </u>	Other (Specify)
<u> </u>	Operation		

The reactor was operating at approximately 1827 MWt with a recirculation flow of 61×10^6 #/hr when the surveillance test was conducted.

DESCRIPTION
OF OCCURRENCE:

During the routine monthly surveillance testing of the RE22 Main Steam Line high flow sensors, it was observed that the RE22C and RE22E sensors actuated at a differential pressure of 100 psi, one in each of the two safety systems. This is greater than the maximum allowable level of 97.5 psid which corresponds to a Main Steam Line flow 120% of rated.

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APPARENT CAUSE
OF OCCURRENCE:

☐ Design
☐ Manufacture
☐ Installation/
Construction
☐ Operator

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

The cause of the failure is under investigation.

ANALYSIS OF
OCCURRENCE:

The safety significance of this event is in the loss of system redundancy. Had a high flow event developed, the redundant sensors RE22A, B, D, F, G, and H would have performed the isolation function.

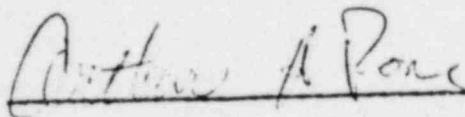
CORRECTIVE
ACTION:

Each of the two sensors were recalibrated and returned to service as the failures were discovered.

FAILURE DATA:

Manufacturer: Barton
Type: Indicating Differential Pressure Switch
Range: 0-200 psid
Series: RE22C - 224-19938
RE22E - 278-77D

Prepared by:



Date:

1/9/74