




To: James R. 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

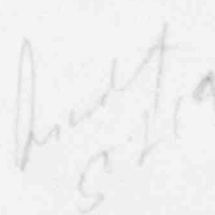
Subject: Abnormal Occurrence Report No. 50-219/74/36

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

Preliminary Approval:


J. T. Carroll, Jr. 7/10/74
Date

cc: Mr. A. Giambusso



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PDR ADOCK 05000219
S PDR

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Initial Telephone
Report Date: 7/10/74

Date of
Occurrence: 7/10/74

Initial Written
Report Date: 7/10/74

Time of
Occurrence: 1330

OYSTER CREEK NUCLEAR GENERATING STATION
FORKED RIVER, NEW JERSEY 08731

Abnormal Occurrence
Report No. 50-219/74/ 36

IDENTIFICATION
OF OCCURRENCE:

Violation of the Technical Specifications, paragraph 2.3.3,
failure of the RE03D reactor high pressure sensor to trip at
a point corresponding to a reactor pressure of ≤ 1060 psig.

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

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 Operation
<input type="checkbox"/> Routine Startup	<input type="checkbox"/> Other (Specify)
<input type="checkbox"/> Operation	

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

Power: Core, 1913 MWt
Electric, 635 MWe
Flow: Recirc., 15.9×10^4 gpm
Feed., 7.22×10^6 lb/hr
Stack Gas: 12,430 μ Ci/sec

DESCRIPTION
OF OCCURRENCE:

While performing a routine monthly surveillance test on the
reactor high pressure sensors, RE03A, B, C, and D, it was
observed that RE03D tripped at 1070 psig. This is 4 psig above
its normal trip point of 1066 psig which reflects a sensor head
correction of 6 psig. The surveillance test results were as
follows:

	<u>As Found Trip Point</u>	<u>As Left Trip Point</u>	<u>Normal Trip Point</u>
RE03A	1068 psig	1068 psig	1068 psig
RE03B	1068 psig	1068 psig	1068 psig
RE03C	1064 psig	1064 psig	1066 psig
RE03D	1070 psig	1066 psig	1066 psig

IDENTIFY 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 type="checkbox"/> Component Failure
<input type="checkbox"/> Operator	<input type="checkbox"/> Other (Specify)

The reason for the change in setpoint in not only these instruments, but in others as well, is under investigation by company engineering personnel, plant staff personnel and the General Office Review Board.

ANALYSIS OF
INCIDENT

The safety significance of this event lies in a loss of system redundancy. Had a pressure excursion occurred, the redundant sensor, RE03C, would have functioned properly and would have terminated the pressure transient in conjunction with the proper actuation of the RE03A and B sensors.


CORRECTIVE
ACTION

The sensor was recalibrated and returned to service. Additional items of corrective action to be specified following Plant Operations Review Committee review of this event.

ADDITIONAL DATA:

Manufacturer: Barksdale
Type: Pressure Actuated Switch
Switch #: BZT-A12SS

Reviewed by:



Date:

7/10/74

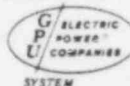
Jersey Central Power & Light Company



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MEMBER OF THE

General



Public Utilities Corporation

July 18, 1974

Mr. A. Giambusso
Deputy Director for Reactor Projects
Directorate of Licensing
United States Atomic Energy Commission
Washington, D. C. 20545



Dear Mr. Giambusso:

Subject: Oyster Creek Station
Docket No. 50-219
Abnormal Occurrence Report No. 50-219/74/36

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.

Enclosed are forty copies of this submittal.

Very truly yours,

Donald A. Ross
Manager, Nuclear Generating Stations

cs
Enclosures

cc: Mr. J. P. O'Reilly, Director
Directorate of Regulatory Operations, Region I

COPY SENT REGION I

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Jersey Central Power & Light Company



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General



Public Utilities Corporation

OYSTER CREEK NUCLEAR GENERATING STATION
FORKED RIVER, NEW JERSEY 08731

Abnormal Occurrence
Report No. 50-219/74/36

Report Date

July 18, 1974

Occurrence Date

July 10, 1974

Identification of Occurrence

Violation of the Technical Specifications, paragraph 2.3.3, failure of the RE03D reactor high pressure sensor to trip at a point corresponding to a reactor pressure of ≤ 1060 psig. This event is considered to be an abnormal occurrence as defined in the Technical Specifications, paragraph 1.15A.

Conditions Prior to Occurrence

At the time of the event, the plant was at steady state power with the major parameters as follows:

Power:	Core, 1913 MWt
	Electric, 635 MWe
Flow:	Recirculation, 15.9×10^4 gpm
	Feedwater, 7.22×10^6 lb/hr
Stack Gas:	12,430 μ Ci/sec

Description of Occurrence

While performing a routine monthly surveillance test on the reactor high pressure sensors, RE03A, B, C, and D, it was observed that RE03D tripped at 1070 psig. This is 4 psig above its normal trip point of 1066 psig which reflects a sensor head correction of 6 psig. The surveillance test results were as follows:

*Copy of
5/10/74/96*

	<u>As Found Trip Point</u>	<u>As Left Trip Point</u>	<u>Normal Trip Point</u>
RE03A	1068 psig	1068 psig	1068 psig
RE03B	1068 psig	1068 psig	1068 psig
RE03C	1064 psig	1064 psig	1066 psig
RE03D	1070 psig	1066 psig	1066 psig

Apparent Cause of Occurrence

The cause of this occurrence is the lack of allowance for set point tolerances in the Technical Specifications.

Analysis of Occurrence

The safety significance of this event lies in a loss of system redundancy. Had a pressure excursion occurred, the redundant sensor, RE03C, would have functioned properly and would have terminated the pressure transient in conjunction with the proper actuation of the RE03A and B sensors.

Corrective Action

The sensor was recalibrated and returned to service. Set point accuracy and tolerance in not only these instruments but in others as well are under investigation by Jersey Central Power & Light Company, GPU Service Corporation, and General Electric Company personnel. This investigation was delineated in Abnormal Occurrence No. 50-219/74/35, dated (report) July 15, 1974, in the Corrective Action discussion.

Failure Data

Manufacturer: Barksdale
Type: Pressure Actuated Switch
Switch No.: B2T-A12SS

Reference: Abnormal Occurrence Report No. 50-219/74/7