Jersey Central Power & Light Company

MADISON AVENUE AT PUNCH BOWL ROAD • MORRISTOWN, N. J. 07960 • 201-539-6111

MEMBER OF THE General Public Utilities Corporation SYSTEM

January 17, 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. 50-219/74/1

The purpose of this letter is to forward to you the attached Abnormal Occorrence 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

Donald A. Ross
Manager, Nuclear Generating Stations

cs
Enclosures

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

B167

OYSTER CREEK NUCLEAR GENERATING STATION
FORKED RIVER, NEW JERSEY 08731

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

Report Date:

January 17, 1974

Occurrence Date:

January 8, 1974

Identification of Occurrence:

Violation of the Technical Specifications, Table 3.1.1.B.2 and 3, which specified 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:

The plant was operating at steady state power.

The reactor was operating at approximately 1827 MWt with a recirculation flow of 61 x 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.

Apparent Cause of Occurrence:

The cause of the set point change is currently under investigation.

Analysis of Occurrence:

The safety significance of this event is minimal. Had a high steam flow condition occurred, all eight flow sensors (four per steam line) would have performed their intended safety function of initiating MSIV closure; however, the two affected sensors would have actuated at less than 2% over the specified set point.

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Corrective Action:

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

The following actions are planned to avoid recurrence of this problem:

1. Remove the affected sensing switches and inspect them for signs of mechanical wear in the linkages.

2. Lower the set point of the sensing switches to 92.5 psid.

Failure Data:

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