

OYSTER CREEK



NUCLEAR GENERATING STATION

JCP&L GPU

Jersey Central Power & Light
Company is a Member of the
General Public Utilities System

(609) 693-6000 P.O. BOX 388 • FORKED RIVER • NEW JERSEY • 08731

November 30, 1981

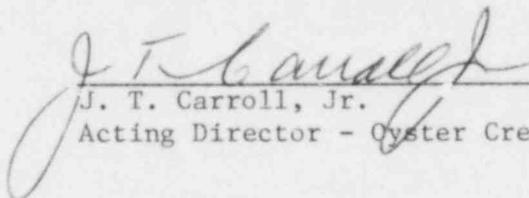
Mr. Ronald Haynes, Director
Office of Inspection and Enforcement
Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Dear Mr. Haynes:

Subject: Oyster Creek Nuclear Generating Station
Docket No. 50-219
Licensee Event Report
Reportable Occurrence No. 50-219/81-54/3L

This letter forwards three copies of a Licensee Event Report describing Reportable Occurrence No. 50-219/81-54/3L in compliance with paragraph 6.9.2.b.1 of the Technical Specifications.

Very truly yours,



J. T. Carroll, Jr.
Acting Director - Oyster Creek

JTC:GWB:lse

attachment

cc: Director (40 copies)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Director (3)
Office of Management Information and
Program Control
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

NRC Resident Inspector
Oyster Creek Nuclear Generating Station
Forked River, NJ 08731



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OYSTER CREEK NUCLEAR GENERATING STATION
Forked River, New Jersey 08731

Licensee Event Report
Reportable Occurrence No. 50-219/81-54/3L

Report Date

November 30, 1981

Occurrence Date

October 28, 1981

Identification of Occurrence

During surveillance testing, Main Steam Line Low Pressure Sensor RE23D tripped at a pressure lower than the limit specified in Technical Specification Table 3.1.1, Item B.5.

This event is considered to be a reportable occurrence as defined in Technical Specification paragraph 6.9.2.b.1.

Conditions Prior to Occurrence

The reactor was operating at steady state power.

Major Plant Parameters:

Power:	Reactor	1837 MWt
	Generator	648 MWe
Flow:	Recirculation	14.9×10^4 gpm
	Feedwater	6.9×10^6 lbs/hr

Description of Occurrence

On Wednesday, October 28, 1981, while performing the "Low Pressure Main Steam Line Functional and Calibration Test While Operating" (Surveillance Procedure 619.3.008), Low Main Steam Line Pressure Sensor RE23D tripped at a value less than the corrected Technical Specification limit of >834.6 psig. The as found trip setpoint was 830 psig. The limit of >834.6 psig is determined by the Technical Specification limit of >825 (Section 2.3) plus associated head corrections.

Apparent Cause of Occurrence

The cause of the occurrence was attributed to instrument repeatability. The as found trip point was 830 psig which is within the design range of instrument repeatability.

Analysis of Occurrence

The purpose of the Main Steam Low Pressure trip is to initiate the closure of the Main Steam Isolation Valves, thereby causing a reactor scram, in order to protect against rapid reactor depressurization and the resulting high cooldown rate of the vessel. The safety limit setting with respect to this condition is 825 psig as per Section 2.3 of the Technical Specifications; however, in order to account for instrument head correction, an Oyster Creek Standing Order requires a setpoint of >834.6 psig.

Although one (1) Main Steam Low Pressure Sensor (RE23D) would have tripped below the setpoint limit of greater than or equal to 835 psig, the remaining three (3) sensors (RE23A through C) would have actuated above this limit. The as found trip points of these sensors were 842 psig, 840 psig, 842 psig, respectively. Therefore, in the event of a main steam low pressure condition, a closure signal to the Main Steam Line Isolation Valves would have been initiated.

Since the Main Steam Isolation Valve closure signal would have been initiated by redundant sensors and since the sensor in question (RE23D) would have actuated at slightly less than the safety limit setting (825 psig), the safety significance of this event is considered minimal.

Corrective Action

The Main Steam Low Pressure Sensor RE23D setpoint was reset to 853 psig. Additionally, due to the repeatability problem, these sensors (RE23A through D) will be replaced during the next refueling outage.

Failure Data

Manufacturer: Meletron
Model: 372
Range: 20-1400 psig