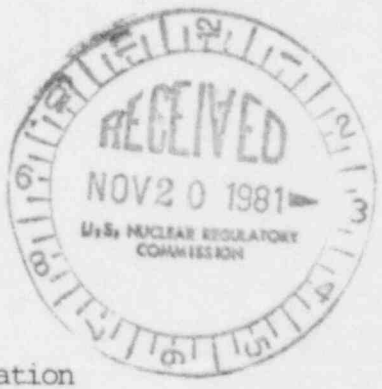
**OYSTER CREEK** **NUCLEAR GENERATING STATION**

JCP&L / GPU

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

(609) 693-1951 P.O. BOX 388 • FORKED RIVER • NEW JERSEY • 08731

November 11, 1981




Mr. Ronald Haynes, Director
Office of Inspection and Enforcement
Region I
United States Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406

Dear Mr. Haynes:

SUBJECT: Oyster Creek Nuclear Generating Station
Docket No. 50-219
Licensee Event Report
Reportable Occurrence No. 50-219/81-49/3L

This letter forwards three copies of a Licensee Event Report to report Reportable Occurrence No. 50-219/81-49/3L 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:dh
Enclosures

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

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

NRC Resident Inspector (1)
Oyster Creek Nuclear Generating Station
Forked River, N. J.



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OYSTER CREEK NUCLEAR GENERATING STATION
Forked River, New Jersey 08731

Licensee Event Report
Reportable Occurrence No. 50-219/81-49/3L

Report Date

November 11, 1981

Occurrence Date

October 12, 1981

Identification of Occurrence

During surveillance testing the Containment Spray High Drywell Pressure Indicating Switches IP-15A and IP-15C tripped at values greater than those given in the Technical Specifications, table 3.1.1, item E.1.

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

Conditions Prior to Occurrence

The plant was in the refuel mode with reactor temperature less than 212°F and the reactor vented.

Description of Occurrence

During performance of the "Containment Spray System Automatic Actuation Test" (Surveillance Procedure 607.3.002), the IP-15A and IP-15C trip points were found to exceed the Technical Specifications desired setpoint. Testing of the four sensors yielded the following data:

| Switch Designation | Desired Setpoint | As Found (psig) | As Left (psig) |
|---|---|---|---|
| IP-15A | $\leq$2.0 psig | 2.08 | 1.93 |
| IP-15B | $\leq$2.0 psig | 1.96 | 1.96 |
| IP-15C | $\leq$2.0 psig | 2.08 | 1.95 |
| IP-15D | $\leq$2.0 psig | 2.0 | 2.0 |

Apparent Cause of Occurrence

The cause of the occurrence was instrument repeatability. The switch IP-15A was originally set at 1.93 and IP-15C at 1.92 psig, they both tripped at 2.08 psig. The range for repeatability is 2-3% of full range, which in the case of the IP-15 switches is 0.2-0.3 psig. The differences of .15 psig for IP-15A and .16 psig for IP-15C between the setpoints and the actual trip points clearly falls within the range of instrument repeatability.

Analysis of Occurrence

The Containment Spray System consists of two independent cooling loops, each of which is capable of removing heat from the primary containment in the event of a loss of coolant accident. The Containment Spray System will be initiated upon receipt of both a high drywell pressure signal and a reactor low-low water level signal.

Although switches IP-15A and IP-15C would have tripped at a slightly higher pressure than the desired setpoint, their actuation only would have been delayed by a fraction of a second. Also, the reactor low-low level setpoint is not reached until almost 4 seconds later after the setpoint for high drywell pressure is reached. Due to this and the fact that switches IP-15B and IP-15D for the redundant instrument channel would have actuated at the required setpoints, the safety significance of the event is considered minimal.

Corrective Action

Pressure switches IP-15A and IP-15C were reset to trip within the Technical Specifications limit of 2.0 psig (as shown in the "As Left" values in the Description of Occurrence). The drift problem of these snap-action switches is being investigated, along with possible setpoint changes to account for instrument repeatability.

Failure Data (same for both switches)

Manufacturer: ITT Barton
Model: #288A pressure indication switch
Range: 0-10 psig