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Forked River, New Jersey 08731
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Writer's Direct Dial Number:

February 1, 1982

Mr. Ronald C. Haynes, Administrator
Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

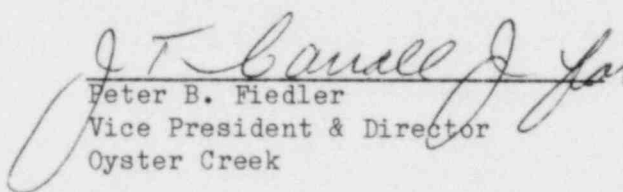


Dear Mr. Haynes:

Subject: Oyster Creek Nuclear Generating Station
Docket No. 50-219
Licensee Event Report
Reportable Occurrence No. 50-219/82-01/3L

This letter forwards three copies of a Licensee Event Report to report Reportable Occurrence No. 50-219/82-01/3L in compliance with paragraph 6.9.2.b.1 of the Technical Specifications.

Very truly yours,


Peter B. Fiedler
Vice President & Director
Oyster Creek

JTC:lse
Enclosures

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 (1)
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 50-219/82-01/3L

Report Date

February 1, 1982

Occurrence Date

January 2, 1982

Identification of Occurrence

During surveillance testing, the Containment Spray High Drywell Pressure Indicating Switches IP-15A, IP-15B, 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.

Description of Occurrence

During performance of the "Containment Spray System Automatic Actuation Test" (Surveillance Procedure 607.3.002) on January 2, 1982, the IP-15A, IP-15B, and IP-15C trip points were found to exceed the Technical Specification desired setpoint. Testing of the four sensors yielded the following data:

<u>Switch Designation</u>	<u>Desired Setpoint</u>	<u>As Found (psig)</u>	<u>As Left (psig)</u>
IP-15A	<2.0 psig	2.05	1.90
IP-15B	<2.0 psig	2.12	1.97
IP-15C	<2.0 psig	2.09	1.94
IP-15D	<2.0 psig	1.97	1.97

Apparent Cause of Occurrence

The cause of the occurrence was instrument repeatability. The switches were previously set as follows: IP-15A at 1.98, IP-15B at 1.94, and IP-15C at 1.92. They tripped at 2.05, 2.12, and 2.09, respectively. The range for repeatability is 2-3% of full range, which in the case of the IP-15 switch is 0.2-0.3 psig. The differences between the setpoints and the actual trip points, 0.07 for IP-15A, 0.18 for IP-15B, and 0.17 for IP-15C 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, IP-15B, and IP-15C would have tripped at a slightly higher pressure than the desired setpoint, their actuation would have been delayed by only a fraction of a second. Also, the reactor low-low level setpoint is not reached until approximately 4 seconds after the setpoint for high drywell pressure is reached. Furthermore, the fourth switch, IP-15D, would have actuated at the required setpoint; and therefore, the safety significance of the occurrence is considered minimal.

Corrective Action

Pressure switches IP-15A, IP-15B, 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). Setpoint changes to allow for instrument repeatability are being incorporated into surveillance procedures. For the IP-15 switches, the setpoint will be changed from 2.0 ± 0.1 to 1.85 ± 0.10 in order to reduce the frequency of exceeding the Technical Specification limit. In addition, it has been recommended that these type of snap-action switches be replaced with an improved model, and it is planned to replace them during a future refueling outage.

Failure Data (Same for all three switches)

Manufacturer: ITT Barton
Model: #288A Pressure Indication Switch
Range: 0-10 psig