

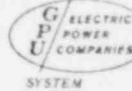
Jersey Central Power & Light Company



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

MEMBER OF THE

General



Public Utilities Corporation

October 24, 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. 50-219/74-53

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 1

50-219
incident

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General



Public Utilities Corporation

OYSTER CREEK NUCLEAR GENERATING STATION FORKED RIVER, NEW JERSEY 08731

Abnormal Occurrence
Report No. 50-219/74-53

Report Date

October 23, 1974

Occurrence Date

October 15, 1974

Identification of Occurrence

Violation of the Technical Specifications, paragraph 3.6.A.3, improper functioning of the stack gas sample system while the reactor was not in an isolated condition. This event is considered to be an abnormal occurrence as defined in the Technical Specifications, paragraphs 1.15B and D.

Conditions Prior to Occurrence

A normal reactor startup was in progress with the reactor mode switch in the "STARTUP" position. Reactor water temperature was less than 212°F.

Description of Occurrence

On October 14, 1974, at 1230, the stack gas sample pump was replaced, with the reactor in an isolated condition, as a preventive maintenance consideration. At 1730 on October 14, 1974, the stack gas sample system was returned to service and appeared to operate properly. At 0033 on October 15, 1974, the main steam isolation valves were opened in the course of a reactor startup.

At 0100 on October 15, 1974, an equipment operator noted that the stack gas sample pump appeared to be operating at a higher than normal temperature. At 0543 on October 15, 1974, the stack gas filter was replaced in an attempt to determine if the stack gas sample system was operating properly.

At approximately 0629 on October 15, 1974, further investigation of the stack gas sample system was conducted. Sample air flow indication was normal; however, there was no indication of vacuum at the filter and the pump oil level was low. The pump was refilled with oil and an indication of vacuum at the filter was observed although air flow could not be regulated and pump oil level decreased rapidly. On the basis of these observations, the stack gas sample system was considered to be inoperative and at 0630 the reactor was isolated.

Apparent Cause of Occurrence

Examination of the pump revealed a loose fitting between the oil flow regulating valve and the oil reservoir which feeds to the pump suction. The loose fitting permitted excessive air flow to the pump suction through the oiling system and so reduced or eliminated the vacuum at the filter.

Analysis of Occurrence

Since it is not possible to determine the exact time at which the stack gas sample system became inoperative, it must be assumed that the plant was operated in violation of Technical Specifications, paragraph 3.6.A.3, during the time that the reactor was not isolated (from 0033 on October 15, 1974 to 0630 on October 15, 1974). The safety significance of this event is considered to be minimal since the reactor was critical with reactor coolant less than 212°F and no releases were being made from the mechanical vacuum pumps, steam jet air ejectors, or from the containment vessel.

Corrective Action

The stack gas sample pump was examined and the loose fitting tightened. The system was then returned to service and observed to operate normally.

Failure Data

Not applicable.