


Jersey Central Power & Light Company



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

General  Public Utilities Corporation

OYSTER CREEK NUCLEAR GENERATING STATION
Forked River, New Jersey 08731

Abnormal Occurrence
Report No. 50-219/75/25

Report Date

September 8, 1975

Occurrence Date

August 29, 1975

Identification of Occurrence

Violation of the Technical Specifications, paragraph 3.6.A.3. Failure of the stack gas sample system to monitor continuously stack releases while the reactor was in an unisolated condition. This event is considered to be an abnormal occurrence as defined in the Technical Specifications, paragraph 1.15 B.

Conditions Prior to Occurrence

The plant was in a routine shutdown operation with the reactor mode switch in the refuel position and reactor coolant temperature less than 212°F.

Description of Occurrence

At 1833 on August 29, 1975, a stack gas sample line low flow alarm was received in the control room. The Shift Foreman was immediately notified and upon arriving at the stack gas sample station, discovered stack gas sample pump "A", the pump that had been operating, not running. The thermal overload was reset and stack gas sample pump "B" started at 1843. Stack gas sample pump "A" had just been returned to service earlier in the day after undergoing inspection and repair as a result of a similar occurrence on August 10, 1975.

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Apparent Cause of Occurrence

The cause of this occurrence is believed to be a malfunctioning pump lubricator.

Analysis of Occurrence

The safety significance of this event is considered minimal since at the time of the occurrence the reactor was shutdown and both the off gas system and the mechanical vacuum pump system were in an isolated condition. Additionally, a check of the reactor building ventilation exhaust monitors showed no radiation levels above background (~ 1.5 mr/hr.).

Corrective Action

The thermal overload protection (common to both pumps) was reset and the "B" stack gas sample pump put in service. The "A" pump was secured. Following this event, an inspection of the "A" pump revealed a broken diaphragm on the pump lubricator. The pump was reassembled after repairing the lubricator and tests will be conducted in order to determine the cause of the continuing failures. Information accumulated from previous inspections of the stack gas sample pumps reveal that both pump motors are one (1) horsepower units, but the "A" pump's full load -- amperage is 14.4 amps versus 13.3 amps for the "B" pump. It was also noted that the "A" pump is constructed with a smaller frame size than the "B" pump, and because of this, it appears to be too small for its intended service. Gast Manufacturing Company, the supplier of both stack gas sample pumps, has been contacted in an effort to determine the present pumps design and operating capabilities and to investigate the possibility of replacing the "A" pump with an alternative pumping unit.

Failure Data

Previous abnormal occurrences involving the stack gas sample pumps:

1. Abnormal Occurrence Report No. 50-219/74/53
2. Abnormal Occurrence Report No. 50-219/74/54
3. Abnormal Occurrence Report No. 50-219/74/57
4. Abnormal Occurrence Report No. 50-219/74/61
5. Abnormal Occurrence Report No. 50-219/75/6
6. Abnormal Occurrence Report No. 50-219/75/22

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MEMBER OF THE
General  Public Utilities Corporation
SYSTEM

September 8, 1975



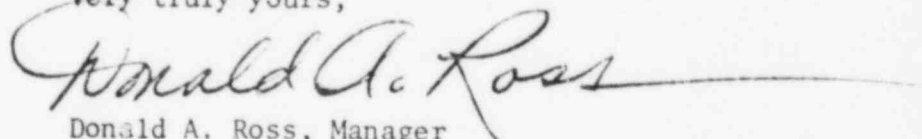
Mr. A. Giambusso
Director, Division of Reactor Licensing
Office of Nuclear Reactor Regulation
United States Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Giambusso:

Subject: Oyster Creek Station
Docket No. 50-219
Abnormal Occurrence Report No. 50-219/75/25

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.

Very truly yours,



Donald A. Ross, Manager
Generating Stations-Nuclear

pk

Enclosures

cc: Mr. J. P. O'Reilly, Director
Office of Inspection and Enforcement, Region 1

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