


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
SYSTEM

October 28, 1974



Mr. A. Giambusso
Deputy Director for Reactor Projects
Director 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. 50-219/74-54

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

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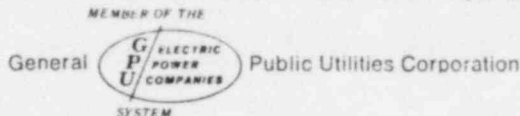
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OYSTER CREEK NUCLEAR GENERATING STATION
FORKED RIVER, NEW JERSEY 08731

Abnormal Occurrence
Report No. 50-219/74/54

Report Date

October 28, 1974

Occurrence Date

October 18, 1974

Identification of Occurrence

Violation of the Technical Specifications, paragraph 3.6.A.3, failure of the stack gas sample system to continuously monitor 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 1.15B.

Conditions Prior to Occurrence

The plant was at steady state power with major parameters as follows:

Power:	Core, 1904 MWt
	Electric, 642 MWe
Flow:	Recirculation, 16.0×10^4 gpm
	Feedwater, 6.99×10^6 lb/hr
Stack Gas:	14,100 μ Ci/sec

Description of Occurrence

At approximately 1510 on October 18, 1974, an equipment operator observed that the stack gas sample pump seemed to be making excessive noise. He then telephoned the control room to report his observation. During this telephone conversation, the equipment operator noticed that the stack gas sample pump stopped running. A stack gas sample low flow alarm was received in the control room coincident

with the tripping of the sample pump. The pump was restarted by placing the thermal overload reset switch in the ON position. The total amount of time that the stack gas sample pump was not running is estimated to be approximately one minute.

Apparent Cause of Occurrence

The cause of this occurrence is unknown.

Analysis of Occurrence

A review of the stack gas radiation monitor recorder traces showed the levels of both monitor channels to be relatively constant (at 500 and 400 cps) with no spiking before and after the pump trip. In a further effort to determine if excessive stack releases might have occurred during the approximate one minute period that the stack gas sample pump was not operating, recorder traces of radiation monitoring systems associated with two gaseous streams released through the stack were reviewed. A review of the off gas radiation monitor recorder traces showed that prior to this event, the levels of both monitor channels were relatively constant (at approximately 1.2×10^3 mr/hr) with no spiking. In addition, a review of the reactor building ventilation exhaust radiation monitor recorder traces showed that at the time of this event, the levels of both monitor channels were relatively constant (at approximately 1.4 mr/hr) with no spiking. Based on these considerations and the very short period of time that the stack gas sample pump was not operating, the safety significance of this event is considered to be minimal.

Corrective Action

The stack gas sample pump was restarted by placing the thermal overload reset switch in the ON position. Following restart, the pump motor amperage was checked and found to be normal and the noise levels were not found to be above average for this pump. No abnormalities were identified at this time.