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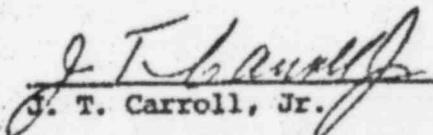
To: James P. O'Reilly
Directorate of Regulatory Operations
Region I
631 Park Avenue
King of Prussia, Pennsylvania 19406

From: Jersey Central Power & Light Company
Oyster Creek Nuclear Generating Station
Docket #50-219
Forked River, New Jersey 08731

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

The following is a preliminary report being submitted
in compliance with the Technical Specifications,
paragraph 6.6.2

Preliminary Approval:


J. T. Carroll, Jr. 10/15/74
Date

cc: Mr. A. Giambusso

8304080067 741024
PDR ADOCK 05000219
S PDR

50-219
incident

Initial Written
Report Date:

10/15/74

Time of
Occurrence:

0629

OYSTER CREEK NUCLEAR GENERATING STATION
FORKED RIVER, NEW JERSEY 08731

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

IDENTIFICATION
OF OCCURRENCE:

Violation of the Technical Specifications, paragraph 3.6.A.3.
when it was discovered that the stack gas sample system was not
functioning properly while the reactor was not in an isolated
condition.

This event is considered to be an abnormal occurrence as de-
fined in the Technical Specifications, paragraph 1.15 B and D.

CONDITIONS PRIOR
TO OCCURRENCE:

☐ Steady State Power
☐ Hot Standby
☐ Cold Shutdown
☐ Refueling Shutdown
☒ Routine Startup
Operation

☐ Routine Shutdown
Operation
☐ Load Changes During
Routine Power Operation
☐ Other (Specify)

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

DESCRIPTION
OF OCCURRENCE:

On 10/14/74 at 1230 the stack gas sample pump was replaced, with
the reactor in an isolated condition, as a preventive maintenance con-
sideration. At 1730 on 10/14/74 the stack gas sample system was re-
turned to service and appeared to operate properly. At 0033 on
10/15/74 the main steam isolation valves were opened in the course
of a reactor startup.

At 0100 on 10/15/74 an equipment operator noted that the stack
gas sample pump appeared to be operating at a higher than normal temper-
ature. At 0543 on 10/15/74 the stack gas filter was replaced in an

properly. A stack gas low flow alarm was situated in the control room at this time. It is normal to receive the low flow alarm (actuated by vacuum at the filter) during filter replacement.

At 0629 on 10/15/74 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:

<u>Design</u>	<u>Procedure</u>
<u>Manufacture</u>	<u>Unusual Service Condition</u>
<u>Installation</u>	<u>Inc. Environmental</u>
<u>Construction</u>	<u>Component Failure</u>
<u>Operator</u>	<u>X Other (Specify)</u>

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:

As 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 Specification paragraph 3.6.A.3 during the time that the reactor was not isolated (from 0033 on 10/15/74 to 0630 on 10/15/74). This period of 5 Hr. and 57 min. is however less than the 8 hour unmonitored period described on page 3.6-3, paragraph 2 of the Technical Specifications.

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.

Prepared by:

Frank M. Deschamps

Date:

10/15/74