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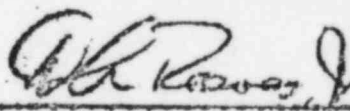
To: James P. O'Reilly
Directorate of Regulatory Operations
Region I
631 Park Avenue
King of Prussia, Pennsylvania 19406

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

Subject: Abnormal Occurrence Report No. 50-219/75/ 1

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

Preliminary Approval:



J. T. Carroll, Jr. Date

cc: Mr. A. Giambusso

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PDR ADDCK 05000219
S PDR

121-Telephone

rt Date: 3/20/75

Date of

Occurrence: 3/19/75

121-Written

rt Date: 3/20/75

Time of

Occurrence: 1450

OYSTER CREEK NUCLEAR GENERATING STATION
FORKED RIVER, NEW JERSEY 03731

Abnormal Occurrence
Report No. 50-219/75/7

IFICATION
CURRENCE:

Violation of the Technical Specifications, paragraph H/A.

Failure of dehumidifying heater (EHC-1-5) in standby gas treatment system No. 1 to energize upon system initiation.

This event is considered to be an abnormal occurrence as defined in the Technical Specifications, paragraph 1.150.

TIONS PRIOR
CURRENCE:

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

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

The major plant parameters at the time of the event were as follows:

Power:	Thermal 1048 MWt
	Electric 649 MWe
Flow:	Recirc 68.3 X 10 ⁶ lb/hr
	Feed 6.08 X 10 ⁶ lb/hr
Stack Gas	33,600 acf/sec

PTION
CURRENCE:

At 1450 on March 19, 1975, while performing the routine weekly surveillance test of the standby gas treatment systems (SGTS), it was observed that the dehumidifying heater EHC-1-5 in SGTS No. 1 failed to initiate. An investigation was initiated to determine the cause of the failure. It should be noted that the SGTS No. 2 was observed to function satisfactorily at the time of this event.

PRESENT CAUSE
OCCURRENCE:

☐ Design
☐ Manufacture
☐ Installation/
☐ Construction
☐ Operator

☐ Procedure
☐ Unusual Service Condit
☐ Inc. Environmental
☒ Component Failure
☐ Other (Specify)

The cause of the failure was traced to a stuck air relay in AP
Panel 15. The air relay functions to initiate three (3)
dehumidifying heaters which together form heater EHC-1-5 in
SGTS No. 1.

ANALYSIS OF
EVIDENCE:

The dehumidifying heaters act in conjunction with the prefilter
to reduce the relative humidity of the inlet air to the charcoal
and HEPA filters to a maximum of 70%. This is required to
achieve maximum absorption efficiency of the charcoal bed for
gaseous iodine and to prevent damage to the HEPA filters. Since
the dehumidifying heaters failed to operate, it can be concluded
that the absorptive efficiency of the charcoal filters would
have been reduced and possible physical damage to the HEPA
filters could have resulted.

CONCLUSIVE
REMARKS:

The air relay was "tapped" and observed to then operate
satisfactorily. Further action on this matter is pending
PORC review.

ADDITIONAL DATA:

Johnson Service Company
Air Switching Valve
V-5133
Milwaukee, Wisconsin

Prepared by:

William H. Rone

Date:

March 20, 1995