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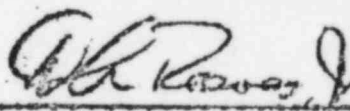
To: James P. O'Reilly  
Directorate of Regulatory Operations  
Region I  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

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 <sup>6</sup> lb/hr
	Feed 6.08 X 10 <sup>6</sup> 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