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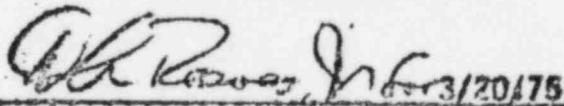
To: James P. O'Reilly  
Directorate of Regulatory Operations  
Region I  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

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/ 7

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

(a) Telephone  
Report Date: 3/29/75

Date of  
Occurrence: 3/19/75

(a) Written  
Report Date: 3/29/75

Time of  
Occurrence: 1450

OYSTER CREEK NUCLEAR GENERATING STATION  
FORKED RIVER, NEW JERSEY 03731

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

DESCRIPTION  
OF OCCURRENCE:

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.

CONDITIONS PRIOR  
TO OCCURRENCE:

<input checked="" type="checkbox"/> Steady State Power	<input type="checkbox"/> Routine Shutdown
<input type="checkbox"/> Hot Standby	<input type="checkbox"/> Operation
<input type="checkbox"/> Cold Shutdown	<input type="checkbox"/> Load Changes During
<input type="checkbox"/> Refueling Shutdown	<input type="checkbox"/> Routine Power Operation
<input type="checkbox"/> Routine Startup	<input type="checkbox"/> Other (Specify)
<input type="checkbox"/> Operation	

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

Power:	Thermal 1048 MWt
	Electric 649 MWe
Flow:	Recirc $68.3 \times 10^6$ lb/hr
	Feed $5.08 \times 10^6$ lb/hr
Stack Gas	33,600 acf/sec

DESCRIPTION  
OF OCCURRENCE:

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.

IMMEDIATE CAUSE  
OF OCCURRENCE:

Design  
 Manufacture  
 Installation/  
 Construction  
 Operator

Procedure  
 Unusual Service Condition  
 Inc. Environmental  
 Component Failure  
 Other (Specify)

The cause of the failure was traced to a stuck air relay in AT 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  
INCIDENT:

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.

RECOMMENDATIVE  
ACTION:

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. Rose

Date: March 20, 1995