GN-75-039

Jersey Central Power & Light Company



MADISON AVENUE AT PUNCH BOWL ROAD • MORRISTOWN, N. J. 07960 • 201-539-6111

General Proper Public Utilities Corporation

OYSTER CREEK NUCLEAR GENERATING STATION Forked River, New Jersey 08731

> Abnormal Occurrence Report No. 50-219/75-29

Report Date

November 6, 1975

Occurrence Date

October 27, 1975

Identification of Occurrence

Failure of torus to drywell vacuum breakers alarm system II to annunciate when vacuum breaker V-26-8 was opened for an operability test. This event is considered to be an abnormal occurrence as defined in the Technical Specifications, paragraph 1.15.D.

Conditions Prior to Occurrence

The plant was at steady state power with the following major parameters:

Power:

Core, 1301 MWt

Electric, 426 MWe

Flow:

Recirculation, 4.8 x 104 lb/hr

Feedwater, 5 x 106 lb/hr

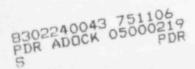
Reactor Pressure: 1020 psig

Stack Gas:

5500 µCi/sec

Description of Occurrence

At approximately 1015 on October 27, 1975, during a routine operability test of the torus to drywell vacuum breakers, alarm system II failed to annunciate in the control room when V-26-8 was opened. Subsequent operations of V-26-8 showed alarm system II to be operable.



Apparent Cause of Occurrence

Component malfunction is the cause of this occurrence, but the specific nature of the malfunction could not be identified (see below).

Analysis of Occurrence

The safety significance of this event is considered to be minimal. The alarm systems for the torus to drywell vacuum breakers are to insure vacuum breaker availability in the event of an accident condition. The failure of system II to be operable for V-26-8 resulted only in loss of redundancy for the alarm function. Had V-26-8 been open during operation, system I would have performed the necessary alarm function.

Corrective Action

The electrical maintenance department conducted an investigation to determine the cause of the failure. The operability test was then conducted for four consecutive days following the event, and the failure could not be repeated. At this time, it is postulated that a sticking microswitch for vacuum breaker valve V-26-9 was the cause of the failure. In further effort to determine the cause, a plant electrician will be available during the next surveillance test to check the operation of the valve microswitch.

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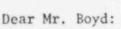


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Public Utilities Corporation

November 6, 1975

Mr. R. Boyd, Acting Director Division of Reactor Licensing Office of Nuclear Reactor Regulation United States Nuclear Regulatory Commission Washington, D. C. 20555



Subject: Oyster Creek Station Docket No. 50-219

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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.

Very truly yours,

Donald A. Ross, Manager Generating Stations-Nuclear

CS

Enclosures

cc: Mr. J. P. O'Reilly, Director Office of Inspection and Enforcement, Region 1

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