

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 73-22.

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

Preliminary Approval:

J. T. Carroll, Jr. 8/10/73
J. T. Carroll, Jr. Date

cc: Mr. A. Giambusso

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PDR ADDCK 05000219
S PDR

*Waiting
50-217*

ABNORMAL OCCURRENCE

REPORT NO. 73-22

SUBJECT: Violation of the Technical Specification, paragraph 1.15.E., excessive leakage through Main Steam Isolation Valve NS03B.

This event is considered to be an abnormal occurrence as defined in the Technical Specifications, paragraph 1.15.E. Notification of this event as required by the Technical Specifications, paragraph 6.6.2.a, was made to AEC Region I, Directorate of Regulatory Operations, by telephone on Monday, September 10, 1973, at 9:45 a.m., and personally to Mr. E. Greenman on Monday, September 10, 1973.

SITUATION: The reactor was shutdown (scrammed) on September 8, 1973 at 0656. At 2255 on September 9, 1973, NS03B was tested for leakage and found to be in excess of 100 SCFH. The limit, as detailed in the Technical Specifications, is 9.95 SCFH (5% of L_{t0} [20]). An estimate of the leak rate is now being formulated and is conservatively expected to be ≈ 200 SCFH.

CAUSE: Unknown at this time.

REMEDIAL ACTION:

Prior to disassembly of the valve, stem measurements are being taken on all four valves to check for conformity. In addition, the following organizations have been contacted, informed of the situation, and asked for comments. Their comments will be incorporated into our decision on further action.

REMEDIAL ACTION (Con't)

Atwood-Morrill (vendor)
General Electric Company
MPR Associates

SAFETY SIGNIFICANCE:

The rate of pressure buildup in the reactor was compared to a graph of pressure buildup where at least one valve in each steam line was leak tight. These plots compared favorably. This implies that one valve in the "B" Main Steam Line (i.e., NS04B) was leak tight. This was confirmed when pressure buildup between the valves was observed to be approximately the same as the reactor pressure. The redundancy feature will be ascertained only upon successful completion of the NS04B leak test.

Prepared by:

Ronald M. Bright

Date:

9/10/73

MEMO ROUTE SLIP		FOR CONCURRENCE	FOR ACTION
Form AEC-93 (Rev. May 14, 1947) AECM 0240		Note and return	For information
TO (Name and unit)	INITIALS	REMARKS	
H. D. Thornburg, Chief, FS&EB		Licensee: Jersey Central Power & Light Company	
	DATE	Docket No.: 50-219	
		Abnormal Occurrence: AO 73-22	
TO (Name and unit)	INITIALS	REMARKS	
RO:HQ (5) DR Central Files (1) Regulatory Standards Dir. of Licensing (13)			
	DATE	The attached report from the subject licensee is	
		forwarded in accordance with RO Manual Chapter 1000.	
TO (Name and unit)	INITIALS	REMARKS	
RO Files ✓ J. Tillou, RO:I		The action taken by the licensee is considered	
	DATE	appropriate. Followup will be performed during	
		the next inspection as appropriate. Copies of	
FROM (Name and unit)	REMARKS		
<i>D. L. Caplton</i> D. L. Caplton, Senior Reactor Inspector, BWR Section		the report have been forwarded to the PDR, Local	
		PDR, NSIC, DTIE and State representatives. The	
		licensee will submit a 10 day written report to	
		Licensing.	
PHONE NO.	DATE		
	9/18/73		

USE OTHER SIDE FOR ADDITIONAL REMARKS

GPO : 1971 O - 445-409