

## LICENSEE EVENT REPORT

CONTROL BLOCK

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME										LICENSE NUMBER										LICENSE TYPE					EVENT TYPE	
0	1	N	J	O	C	P	1	0	0	-	0	0	0	0	0	-	0	0	4	1	1	1	1	0	3	
7	8	9					14	15									25		26					31	32	

CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER							EVENT DATE					REPORT DATE								
0	1	CON'T	L	L	0	5	0	-	0	2	1	9	0	4	2	3	7	6	0	5	2	4	7	
7	8		57	58	59	60			61								68	69					74	75

EVENT	DESCRIPTION
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02 Operations personnel discovered that the inboard pump seal on Core Spray Pump  
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03 NZ01B was cracked. The leakage rate was estimated to be 3 gpm. Core Spray  
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04 System I was removed from service and System II was surveilled as required. The  
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05 seal was replaced and Core Spray System I was returned to service.  
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06 (reportable Occurrence No. 50-219/76-14-3L)  
7 8 9

SYSTEM CODE		CAUSE CODE		COMPONENT CODE						PHONE COMPONENT SUPPLIER	COMPONENT MANUFACTURER				VIOLATION	
0	7	S	F	P	U	M	P	X	X	N	1	0	7	5	N	
7	8	9	10	11	12	13	14	15	16	17	43	44	45	46	47	48

CAUSE DESCRIPTION: An Ingersoll-Rand Company, Catalog No. A 93-37-527, carbon

06 rotating washer located on Core Spray Pump NZ01B was found to be cracked. The  
7 B 9 cause is not known. Since the washer was destroyed in the removal process,  
09 further investigation as to the failure mechanism is not possible. The pump seal  
7 B 9 was replaced and the pump was returned to service. No further corrective action  
19 is planned at this time.  
7 B 9

FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
11	E	0	89	NA		A	NA		
7	8	9	10	11	12	13	44	45	46

FORM OF ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE	
12	2	2		NA		NA	
7	9	10	11	44	45		

#### PERSONNEL EXPOSURES

NUMBER				TYPE	DESCRIPTION
1	2	3	4	5	NA

## PERSONNEL INJURIES

NUMBER			DESCRIPTION
1	4	2 2 2	NA

### Probable Consequences

7	8	9	NA
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## LOSS OR DAMAGE TO FACILITY

## PUBLICITY

### ADDITIONAL FACTORS

7	B	5	1	NA
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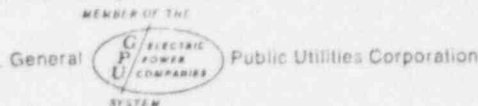
810302046 Donald A. Ross, Manager

PHONE 201-539-6111

# Jersey Central Power & Light Company



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



OYSTER CREEK NUCLEAR GENERATING STATION  
Forked River, New Jersey 08731

Licensee Event Report  
Reportable Occurrence No. 50-219/76-14-3L

## Report Date

May 24, 1976

## Occurrence Date

April 23, 1976

## Identification of Occurrence

Operation of Core Spray System I in a degraded mode when it was discovered that the inboard pump seal on NZ01B cracked. This event is considered to be a 30-day reportable occurrence as defined in the Technical Specifications, paragraph 6.9.2.b.2.

## Conditions Prior to Occurrence

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

Power:	Core, 1722 MWt
	Electric, 589 MWe (g)
Flow:	Feedwater, $6.38 \times 10^6$ lb/hr
	Recirculation, $4.8 \times 10^4$ gpm
Stack Gas:	7040 $\mu$ ci/sec

## Description of Occurrence

On Friday, April 23, 1976, at 4:10 PM, operations personnel discovered that the compartment which houses core spray pumps NZ01A and NZ01B had an accumulation of water on the floor. The source of water was traced to the inboard pump seal on core spray pump NZ01B. The leakage rate was estimated to be 3 gpm. Core Spray System I was removed from service and System II was

May 24, 1976

surveilled as required. Inspection of the inboard seal revealed a cracked rotating carbon washer as the cause of the leak. The seal was replaced and Core Spray System I was returned to service. Approximately 1375 gallons of water was estimated as the total leakage.

#### Apparent Cause of Occurrence

The cause of the carbon washer cracking is not known. Since the washer was destroyed in the removal process, further investigation as to the failure mechanism is not possible.

#### Analysis of Occurrence

The safety significance of this event is considered to be minimal since the seal leak in itself did not render the core spray pump incapable of performing its intended function. The observed leak rate of 3 gpm from the failed seal was well within the removal capability of the compartment floor drain system, thus precluding any substantial water accumulation in the compartment. In addition, since the area is toured at least once per shift, it is unlikely that the leak would have gone unnoticed.

#### Corrective Action

The pump seal was replaced and the pump was returned to service. No further corrective action is planned at this time.

#### Failure Data

Manufacturer: Ingersoll-Rand  
Type: Mechanical Packing  
Part: Carbon Rotating Washer  
Catalog No.: A 93-37-527