

# LICENSEE EVENT REPORT

CONTROL BLOCK: 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 NJ0CP1 200-000000-C0 3411111 4 5

CON'T 01 L 650000219 7081279 8091279 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

02 During normal operation, "A" CRD pump was removed from service due to  
03 excessive leakage from the pump vent piping. The piping was found to be  
04 cracked at the bushing where it enters the pump casing. The safety sig-  
05 nificance of this event is considered minimal because of the availability  
06 of a redundant pump.  
07  
08

SYSTEM CODE RB 11 CAUSE CODE E 12 CAUSE SUBCODE X 13 COMPONENT CODE PIPEXX 14 COMP. SUBCODE A 15 VALVE SUBCODE Z 16  
 LER/RO REPORT NUMBER 79 — 030 / 03 L — 0  
 ACTION TAKEN A 18 FUTURE ACTION X 19 EFFECT ON PLANT Z 20 SHUTDOWN METHOD Z 21 HOURS 0000 ATTACHMENT SUBMITTED Y 23 NRPD-4 FORM SUB. Y 24 PRIME COMP. SUPPLIER Z 25 COMPONENT MANUFACTURER Z9999 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

10 The cracking appears to be caused by an operator using the vent line as  
11 a foot support. The affected bushing and a short pipe nipple in the line  
12 were replaced and the pump returned to service.  
13  
14

FACILITY STATUS E 28 % POWER 098 29 OTHER STATUS NA 30 METHOD OF DISCOVERY A 31 DISCOVERY DESCRIPTION Operator Observation 32  
 ACTIVITY CONTENT Z 33 RELEASED OF RELEASE Z 34 AMOUNT OF ACTIVITY NA 35 LOCATION OF RELEASE NA 36  
 PERSONNEL EXPOSURES NUMBER 000 37 TYPE Z 38 DESCRIPTION NA 39  
 PERSONNEL INJURIES NUMBER 000 40 DESCRIPTION NA 41  
 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 DESCRIPTION NA 43

PUBLICITY ISSUED Y 44 DESCRIPTION Weekly press release - September 18, 1979 45  
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POOR ORIGINAL

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OYSTER CREEK NUCLEAR GENERATING STATION  
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Licensee Event Report  
Reportable Occurrence No. 50-219/79-30/3L-0

Report Date

September 12, 1979

Occurrence Date

August 12, 1979

Identification of Occurrence

"A" Control rod drive pump was removed from service for repair of pump vent piping. This event is considered to be a reportable occurrence as defined in the Technical Specifications, paragraph 6.9.2.b.2.

Conditions Prior to Occurrence

The plant was operating at steady state power.

Power: Generator, 645 MWe  
Reactor, 1970 MWt  
Flow: Recirculating,  $15.4 \times 10^4$  gpm  
Feedwater,  $7.137 \times 10^6$  lb/hr  
Stack Gas Activity:  $2.79 \times 10^4$   $\mu$ Ci/sec

Description of Occurrence

On August 12, 1979, at 0331 hours, "A" control rod drive pump was removed from service due to excessive leakage from the pump vent piping. The piping was found to be cracked at the bushing where it enters the pump casing. After completion of the corrective maintenance, "A" CRD pump was placed into service at 1300 hours on the same date.

Apparent Cause of Occurrence

Vent piping was found to be cracked at the bushing where it enters the pump casing at the inboard end. The cracking appears to be caused by an operator using the vent line as a foot support.

Analysis of Occurrence

In addition to supplying drive cooling and accumulator charging pressure, the control rod drive hydraulic system can provide high pressure coolant injection

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capability. For break sizes up to 0.002 ft.<sup>2</sup>, a single control rod drive pump with a flow of 110 gpm is adequate for maintaining the reactor water level nearly five feet above the core, thus alleviating the necessity for electromatic relief valve actuation. The safety significance of this event is considered to be minimal, since the redundant CRD pump was operable.

Corrective Action

"A" CRD pump was removed from service and isolated. The bushing and a short pipe nipple in the inboard casing vent line were replaced. "A" CRD pump was placed in service after corrective maintenance. A memorandum will be issued stressing that operators should not use small piping as a foot support.

Failure Data

Not applicable.

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