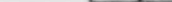


LICENSEE EVENT REPORT

*CONTROL BLOCK: 

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 | 1 L Q A D 1 | 2 0 0 0 - 0 0 0 - 0 0 0 | 3 4 1 1 1 1 | 4 | 5
7 8 9 14 15 25 26 30 57 CAT 58
LICENSEE CODE LICENSE NUMBER LICENSE TYPE

CON'T

0 1
7 8

REPORT SOURCE L 6 U 5 0 0 0 2 5 4 7 0 4 0 7 8 1 8 0 4 2 8 8 9

60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

At 1015, the 1A RHR Service Water Pump was being run for packing adjustment. The pump did not meet the flow requirements of 3500 gpm at 198 psig. The consequences of this occurrence are minimized due to all other active components of containment cooling being operable as per Technical Specification 3.5.8.2.

SYSTEM CODE C F (11)		CAUSE CODE E (12)		CAUSE SUBCODE B (13)				COMPONENT CODE P U M P X X (14)				COMP. SUBCODE B (15)		VALVE SUBCODE Z (16)					
EVENT YEAR 8 1 (17)		SEQUENTIAL REPORT NO. 0 0 9 (18)		OCCURRENCE CODE 0 3 (19)				REPORT TYPE L (20)		REVISION NO. 0 (21)									
ACTION TAKEN D (18)		FUTURE ACTION Z (19)		EFFECT ON PLANT Z- (20)		SHUTDOWN METHOD Z (21)		HOURS 0 0 0 0 (22)				ATTACHMENT SUBMITTED Y (23)		NPRD-4 FORM SUB. N (24)		PRIME COMP. SUPPLIER N (25)		COMPONENT MANUFACTURER 1 0 7 5 (26)	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 3 The cause of this occurrence is three pieces of wood found in the pump suction.

1 1 One piece of drift wood and two wedges used for dewatering the Cribhouse were

1 2 removed from the pump. A cracked packing sleeve and two bearings were replaced.

1 3 The 1A RHR Service Water Pump was returned to service and tested satisfactorily on

1 4 April 16, 1981.

7 3 9
FACILITY STATUS (28) E 0 9 7 (29) % POWER OTHER STATUS (30) NA METHOD OF DISCOVERY (31) A Operational Event DISCOVERY DESCRIPTION (32)
8 3 10 12 13 44 45 46 80
ACTIVITY CONTENT RELEASED OF RELEASE (33) Z Z (34) AMOUNT OF ACTIVITY (35) NA LOCATION OF RELEASE (36) NA
5 15 16 44 45 80

PERSONNEL EXPOSURES									
NUMBER				TYPE	DESCRIPTION				
1	7	0	0	0	(37) Z	(38)	(39) NA		

PERSONNEL INJURIES		DESCRIPTION	
NUMBER			
0	0	0	40
NA			

LOSS OF OR DAMAGE TO FACILITY		(43)
TYPE	DESCRIPTION	

1 9 2 42 NA 8

PUBLICITY
ISSUED DESCRIPTION (40)

NA

NRC USE ONLY

8105120 416

Randall D Buss

PHONE: 309-654-2241, ext. 182

NRC USE ONLY

1-800-947-226

- I. LER NUMBER: LER/RO 81-9/03L-0
- II. LICENSEE NAME: Commonwealth Edison Company
Quad-Cities Nuclear Power Station
- III. FACILITY NAME: Unit One
- IV. DOCKET NUMBER: 050-254
- V. EVENT DESCRIPTION:

On April 7, 1981, at 1015, the 1A RHR Service Water Pump was being run for the Maintenance Department to adjust the packing on the pump. Pump Operability Test QOS 1000-4 indicated that the pump was not meeting the pressure and flow requirements of 3500 gpm against a pressure of 198 psig as established by Technical Specification 4.5.B.1.b. A work request was written to clean and inspect the pump's discharge check valve. This was found not to be the cause of the low flow rate. Instrumentation was checked to be satisfactory. A comparison of the flow rates of the 1A and 1B RHR Service Water Pumps showed that the 1A pump was not meeting the pressure and flow requirements. Work Request Q11996 was written to inspect and repair the pump as necessary.

VI. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

The containment cooling mode of the RHR system consists of two loops, each containing two RHR Service Water pumps. Loss of one RHR Service Water pump does not seriously jeopardize the containment cooling capability, as any one of the remaining three pumps can satisfy the cooling requirements. Continued reactor operation is permissible if the affected pump is made operable within 30 days and as long as the other active components of the loops remain operable (Technical Specification 3.5.B.2.). During this occurrence, the redundant components were available and the pump was returned to service within the limiting repair period. Therefore, the effect on reactor safety was minimized.

VII. CAUSE:

The pump is an Ingersoll-Rand centrifugal pump. When the pump was taken apart, three pieces of wood were found in the impeller of the suction end of the pump. These inhibited the pump's normal flow production. A piece of drift wood was found, and the other two pieces were wedges that were unable to be retrieved during the last dewatering of the Cribhouse.

VIII. CORRECTIVE ACTION:

After the cause of the occurrence was discovered, the immediate action was to repair the pump. The wood was removed, and a cracked packing sleeve and two bearings were replaced. The pump was returned to service on April 16, 1981, and tested satisfactorily.