

**LICENSEE EVENT REPORT**

CONTROL BLOCK: [ ] [ ] [ ] [ ] [ ] [ ] (1)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1		I	L	Q	A	D	i	(2)	0	0	0	-	0	0	0	-	0	0	0	(3)	4	1	1	1	1	(4)		(5)
7	8	9	LICENSEE CODE						14	15	LICENSE NUMBER										25	26	LICENSE TYPE				30	37	CAT 58

CON'T

0 1  
2 3

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

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

On June 18, 1981, the "B" Diesel Fire Pump was out of service for greater than 7

0 3 | days. The consequences were minimal because protection was supplied by the "A"

0 4 Diesel Fire Pump and a portable fire pump which was prepared and installed for

operation as per Technical Specification 3.12.B.2.

Page 1 of 1

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7	8	9	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
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0 9 A B (11) C (12) Z (13) P U M P X X (14) B (15) Z (16)

(17) LER/RO REPORT NUMBER	[EVENT YEAR 8   1 21   22]	[ 23]	SEQUENTIAL REPORT NO. [0   1   1 24   26]	[ 27]	OCCURRENCE CODE [0   3 28   29]	REPORT TYPE [L 30]	[ 31]	REVISION NO. [0 32]	
ACTION TAKEN [D   18 23   34]	FUTURE ACTION [A   19 35]	EFFECT ON PLANT [Z   20 36]	SHUTDOWN METHOD [Z   21 37]	HOURS [0   0   0   0 38   40]	(22)	ATTACHMENT SUBMITTED [Y   23 41]	NPRD-4 FORM SUB. [N   24 42]	PRIME COMP. SUPPLIER [N   25 43]	COMPONENT MANUFACTURER [L   0   9   5   26 44   47]

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The Diesel Fire Pump was removed from service June 11, 1981. The pump was dis-

1 1 assembled and wood debris was removed from the suction piping. The portable pump

will provide required back-up protection. New suction strainers will be installed

4	3
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 on the fire pumps at a convenient time to prevent wood from blocking the pump suction.

5	2	
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FACILITY	NUMBER	OTHER STATUS	(30) METHOD OF DISCOVERY	DISCOVERY DESCRIPTION	(32)

STATUS		% POWER		OTHER STATUS		DISCOVERY	
1	5	E	(28)	0	8	5	(29)
NA						A	(31)
Operational Event							

7 8 9 10 12 13 44 45 46 8

ACTIVITY CONTENT (25) LOCATION OF RELEASE (36)

RELEASED OF RELEASE				AMOUNT OF ACTIVITY (33)	LOCATION OF RELEASE (34)
1	6	Z	(33)	NA	NA

7 8 9 10 11 44 45 8

PERSONNEL EXPOSURES

NUMBER		TYPE	DESCRIPTION	(39)
1	2	01010	(37) Z	(38) NA

7 8 9 11 12 13

PERSONNEL INJURIES		DESCRIPTION	
NUMBER	DESCRIPTION	NUMBER	DESCRIPTION
1	101010101	NA	

[illegible]

LOSS OF OIL DAMAGE TO FACILITY		(43)
TYPE	DESCRIPTION	
NA		

1 9 Z 6 NA  
7 8 9 10 8107200112 810701

810/200112 810/01  
PDR ADOCK 05000254  
PDR

[illegible]

NAME OF PREPARER:

Eric Weinfurter

PHONE: 309-654-2241, ext. 181

- I. LER NUMBER: LER/RO 81-11/03L-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 June 10, 1981, the "B" Diesel Fire Pump failed to pass the Monthly Fire Pump Capacity Test, QOS 4100-7. The fire pump was taken out of service on June 11, inspected, and re-tested with the pump capacity remaining unchanged. The pump was then removed from service for maintenance. On June 18, 1981, with both Units running, the limitation of 7 days was reached, for having the "B" Diesel Fire Pump out of service. Technical Specification 3.12.B.2 requires a report to be submitted to the commission, explaining the back-up protection which replaces the systems' loss of redundancy.

VI. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

While the "B" Fire Pump is inoperative, fire protection water will be provided by the "A" Diesel Fire Pump and a 3160 GPM portable Diesel Fire Pump. The portable fire pump is located at the discharge flume with all hardware to readily tie into the Fire Suppression System. Another portable fire pump is on site and can be placed in parallel with the first portable fire pump to provide additional pumping capacity should the need arise. The portable fire pump was tested and proven operable prior to June 18, 1981. A temporary procedure was written for operation of the portable fire pumps. This system will be maintained until the "B" Fire Pump is returned to service and tested.

VII. CAUSE:

Upon disassembly of the "B" Diesel Fire Pump, wood debris was found in the suction piping. The water source for the pump is the Mississippi River, which contains some debris, which can be pulled into an operating pump. These pumps normally have a bronze strainer which covers the suction. When the pump was removed for service, no such strainer was found. This is the second occurrence of wood blocking the suction of a pump. On April 4, 1981, a RHR Service Water Pump failed a flow test due to wood in the suction piping.

VIII. CORRECTIVE ACTION:

The pump was removed to the Maintenance Shop for repairs. The pump was disassembled, the wood removed and the pump inspected for damage. No damage to the pump was found. While the pump is disassembled, new rubber seals will be installed. To prevent similar problems in the future, new strainers have been ordered for both fire pumps, and will be installed at a convenient time.