

LICENSEE EVENT REPORT

EXHIBIT A

CONTROL BLOCK: | | | | | | | |

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

[illegible]

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

On 11/30/83, during radwaste processing, a crack was discovered in piping on the discharge piping of Clean Waste Transfer Pump P-478. The pump was secured and the leaking section of piping was isolated immediately upon discovery. The leakage drained to the radwaste system. This occurrence is reportable per Technical Specification (T.S.) 6.12.3.2.d. There have been no previous occurrences regarding piping cracks in the clean radwaste system. Other occurrences regarding piping leaks were reported in LERs (50-313) 74-002, 74-009, 74-010, 74-011, 74-012, 74-014, 75-003, 75-007, 75-008, 76-010, 76-012, 76-013, 76-015, 76-021, 76-024, 76-025, 76-026, 76-028, 76-029, 76-034, 77-002, 77-005, 77-012, 77-023, 77-024, 77-027, 78-003, 78-028, 79-003, 80-003,

SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP SUBCODE		VALVE SUBCODE		REVISION			
M A 11		E 12		B 13		P Z P E X X 14				A 15		Z 16		NO			
7 0 9 8		9 10		11 12		13 14 15 16 17 18				19 20		21 22		23 24			
LER/RO		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE				REPORT TYPE		REVISION		NO			
17 REPORT		8 3		---		0 2 8				1		---		0			
NUMBER		21 22		23 24		25 26 27 28 29				30 31		32 33		34 35			
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER	
A 18		Z 19		Z 20		Z 21		0 0 0 0 22		Y 23		N 24		A 25		X 9 9 9 9 26	
33		34		35		36		37 38 39 40		41		42		43		44 45 46 47	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

1 0 | The crack was in the heat affected zone on the pipe adjacent to Valve CZ-53B which is the next valve after the
1 1 | discharge check valve for Pump P-47B. It is suspected that the crack was caused by overheating of the pipe
1 2 | during installation of CZ-53B coupled with piping stresses. The section of pipe containing the crack was
1 3 | replaced. The discharge piping for the redundant Pump P-47A was inspected, and the vibration levels of P-47A
1 4 | and P-47B were checked. No problems were noted.

FACILITY STATUS		% POWER	OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
1	5	1	0	0	1	A	1	32
7	8	9	10	12	13	44	45	46
ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE		
1	6	1	2	34	1	35	1	36
7	8	9	10	11	44	45	46	80

PERSONNEL EXPOSURES										
NUMBER					TYPE		DESCRIPTION			
1	1	7	1	0	0	0	37	2	38	NA
7	8	9	10	11	12	13	14	15	16	139

PERSONNEL INJURIES										80
NUMBER					DESCRIPTION					
1	1	8	0	0	0	40	1	NA		141
7		8	9			11	12			80

LOSS OF OR DAMAGE TO FACILITY		80
TYPE	DESCRIPTION	
1 9	Z 142 NA	143

PUBLICITY										NRC USE ONLY												
ISSUED		DESCRIPTION																				
2	0	N	44	NA																		
7	8	9	10									45										

NAME OF PREPARER: Patrick Rogers

PHONE: (501) 964-3100

8401130215 831230
PDR ADOCK 05000313
S PDR

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LICENSEE EVENT REPORT

EXHIBIT A

LER No. 83-028/03L-0

Occurrence Date: 11/30/83

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (Continued)

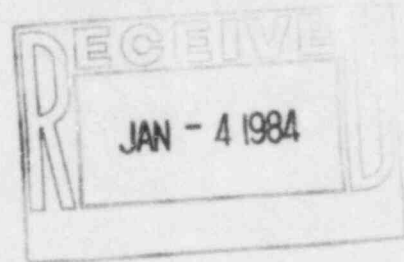
81-013, 82-001, 82-013, 82-014, 83-002, and 83-014.



ARKANSAS POWER & LIGHT COMPANY

POST OFFICE BOX 551 LITTLE ROCK, ARKANSAS 72203 (501) 371-4000

December 30, 1983



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Mr. J. E. Gagliardo, Director
Division of Resident Reactor Projects
and Engineering Programs
U. S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 1000
Arlington, TX 76011

Subject: Arkansas Nuclear One - Unit 1
Docket No. 50-313
License No. DPR-51
Licensee Event Report
No. 83-028/03L-0

Gentlemen:

In accordance with Arkansas Nuclear One - Unit 1 Technical Specification 6.12.3.2.d, attached is the subject report concerning the discovery of a crack in discharge piping of Clean Waste Transfer Pump P-47B.

Very truly yours,

John R. Marshall
John R. Marshall
Manager, Licensing

JRM:RJS:s1

Attachment

cc: Mr. Richard C. DeYoung
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Mr. Norman M. Haller, Director
Office of Management & Program Analysis
U. S. Nuclear Regulatory Commission
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