NRC FORM 366
(7-77)

U.S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

EXHIBIT A

CONTROL BLOCK: |___|___|___|___|___|___|1 (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

|0|1| |A|R|A|N|0|1|2 |0|0|-|0|0|9|0|0|-|0|0|3 |4|1|1|1|1|4 |__|__|5
LICENSEE CODE 9–14; LICENSE NUMBER 15–25; LICENSE TYPE 26–30; CAT 57–58

|0|1| REPORT SOURCE |L|6 |0|5|0|0|0|3|1|3|7 |1|1|0|8|3|8 |1|2|3|0|8|3|9
DOCKET NUMBER 61–68; EVENT DATE 69–74; REPORT DATE 75–80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

|0|2| On 11/30/83, during radwaste processing, a crack was discovered in piping on the discharge piping of Clean
|0|3| Waste Transfer Pump P-47B. The pump was secured and the leaking section of piping was isolated immediately
|0|4| upon discovery. The leakage drained to the radwaste system. This occurrence is reportable per Technical
|0|5| Specification (T.S.) 6.12.3.2.d. There have been no previous occurrences regarding piping cracks in the clean
|0|6| radwaste system. Other occurrences regarding piping leaks were reported in LERs (50-313) 74-002, 74-009,
|0|7| 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,
|0|8| 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
0 9	M A 11	E 12	B 13	P I P E X X 14	A 15	Z 16

LER/RO REPORT NUMBER (17)	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO
	8 3	---	0 2 8	/	0 3	L	---	0

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 26

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	E 28	1 0 0 29	NA 30	A 31	OPERATOR OBSERVATION 32

	ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
1 6	Z 33	Z 34	NA 35	NA 36

PERSONNEL EXPOSURES

	NUMBER	TYPE	DESCRIPTION
1 7	0 0 0 37	Z 38	NA 39

PERSONNEL INJURIES

	NUMBER	DESCRIPTION
1 8	0 0 0 40	NA 41

LOSS OF OR DAMAGE TO FACILITY

	TYPE	DESCRIPTION
1 9	Z 42	NA 43

PUBLICITY

	ISSUED	DESCRIPTION	NRC USE ONLY
2 0	N 44	NA 45	|_|_|_|_|_|_|_|_|_|_|_|_|

NAME OF PREPARER: Patrick Rogers PHONE: (501) 964-3100

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(7-77)

U.S. NUCLEAR REGULATORY COMMISSION

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
Manager, Licensing

JRM:RJS:sl

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
Washington, D. C. 20555

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