

LICENSEE EVENT REPORT

EXHIBIT A

CONTROL BLOCK: | | | | | | |1
 1 6

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 | A R A N O | 0 | 1 2 | 0 0 | - | 0 0 0 0 0 0 | - | 0 0 1 3 | 4 1 1 1 1 1 4 | 5 7 CAT 58

7 8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

REPORT SOURCE 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

0	2	EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10
0	3	On 3/29/82, while at cold shutdown with the decay heat system in service, the Reactor Building (RB) isolation
0	4	valve for the RB coolers chilled water supply, CV-6202, would not completely close during the stroke test
0	5	which is required by Technical Specification (T.S.) 4.4.1.4, this occurrence is reportable per T.S.
0	6	16.12.3.2(b).

06 | _____

07 | _____

0 8 | _____

SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE		COMP SUBCODE		VALVE SUBCODE	
0	9	A	A	B	13	V	A	L	V	E	X
7	8	9	10	11	12	13	14	15	16	17	18

LER/RO REPORT NUMBER	EVENT YEAR	SEQUENTIAL REPORT NO.	OCCURRENCE CODE	REPORT TYPE	REVISION NO
17	8 2 21 22	0 0 8 24 25 26	0 3 28 29	X 30	1 32

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
1 D 18 33	1 X 19 34	1 Z 20 35	1 Z 21 36	1 0 1 0 1 0 1 0 1 2 37 40	1 Y 23 41	1 Y 24 42	1 A 25 43	1 V 1 0 1 9 1 5 1 2 6 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

1 0 | The "O" - rings in the Pneumatic Relay in the air supply to valve CV-6202 failed and caused the relay to
1 1 | go to an intermediate position. This prevented the valve CV-6202 from going fully closed or fully open.
1 2 | because the failed Pneumatic Relay provided both an air supply path and a vent path. The Pneumatic Relay
1 3 | is installed in parallel with the air supply solenoid valves for the actuator of valve CV-6202 and is a
1 4 | backup to assure valve closure upon loss of instrument air. The relay was repaired and reinstalled.

FACILITY STATUS						% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION						
1	5	1	G	128		0	0	0	29	Cold Shutdown	130	B	131	Routine Surveillance	132
7		8	9			10			12	13	44	45	46		

ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE	
1	6	1	2	1	NA	1	NA
8	133	10	134	11		135	136
						44	45

PERSONNEL EXPOSURES									
NUMBER					TYPE		DESCRIPTION		
1	7	0	0	0	37	Z	38	NA	
8	9	11	12	13					39

PERSONNEL INJURIES										80
NUMBER					DESCRIPTION					
1	8	1	0	0	0	40	NA			
8	9	10	11	12						41

LOSS OF OR DAMAGE TO FACILITY		80
TYPE	DESCRIPTION	
1 9	2 42 NA	143

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

NAME OF PREPARER: Patrick Rogers

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PDR ADDCK 05000313
S PDR

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LICENSEE EVENT REPORT

U.S. NUCLEAR REGULATORY COMMISSION

EXHIBIT A

LER No. 50-313/82-008/03X-1

Occurrence Date: 03/29/82

Cause Description and Corrective Actions (Continued)

Functional checks proved satisfactory. Valve CV-6202 was tested and proved operable. Engineering evaluation of the failed Pneumatic Relay determined the failure mechanism to be "O" - ring breakdown due to oil impregnation. A design change in the air supply to the actuator of valve CV-6202, completed in April 1982, included relocating an oiler installed upstream of the actuator solenoid valves and pneumatic relay to a downstream location. No additional problems have been noted for this valve since completion of the design change.



ARKANSAS POWER & LIGHT COMPANY

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September 25, 1984

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U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Subject: Arkansas Nuclear One - Unit 1
Docket No. 50-313
License No. DPR-51
Licensee Event Report
No. 82-008/03X-1

Gentlemen:

In accordance with Arkansas Nuclear One - Unit 1 Technical Specification 6.12.3.2(b), attached is the subject report concerning the failure of the Reactor Building (RB) isolation valve for the RB coolers chilled water supply, CV-6202, to close properly. This is an update to a previous submittal dated April 21, 1982.

Very truly yours,

John R. Marshall
Manager, Licensing

JRM:RJS:ac

Attachment

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

Mr. Norman M. Haller, Director
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