

LICENSEE EVENT REPORT

EXHIBIT A

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

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	A	R	A	N	0	2	12	0	0	-	0	0	0	0	0	-	0	0	13	4	1	1	1	1	14	1	1	15
7	8	LICENSEE CODE					14	15	LICENSE NUMBER					25	26	LICENSE TYPE					30	57	CAT	58					
0	1	REPORT		L	16	0	5	0	0	0	3	6	8	17	0	7	1	7	8	3	18	0	5	2	5	8	4	19	
7	8	SOURCE		60	61	DOCKET NUMBER					68	69	EVENT DATE			74	75	REPORT DATE			80								

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

On 7/17/83, while in Mode 1 at 90% full power, pressurizer spray valve 2CV-4652 failed to close completely. At the time of the occurrence, 2CV-4652 was being used during the process of reactor coolant system (RCS)/pressurizer boron concentration equalization in preparation for moderator temperature coefficient (MTC) measurement. As a result, RCS pressure decreased to below the minimum of 2225 psia per Technical Specification (T.S.) 3.2.8. The minimum pressure observed was 2175 psia. Pressure was returned to normal within the time requirements of the T.S. 3.2.8 action statement. This occurrence is reportable per T.S. 6.9.1.9.b. No similar occurrences regarding pressurizer low pressure excursions have been reported.

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

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

1 0 | The cause of this occurrence could not be determined at this time. All pressurizer heaters were energized, and
1 1 | attempts were made to shut 2CV-4652 from the control room. The valve was successfully closed by jumpering (by-
1 2 | passing) the torque switch at the valve operator motor control center while stroking the valve closed from the
1 3 | control room. An inspection of the motor operator was conducted during refueling outage 2R3 and a
1 4 | discrepancy in torque switch setting was found. The torque switch was reset properly and the valve (cont)
7 8 9 80

FACILITY STATUS				% POWER		OTHER STATUS		METHOD OF DISCOVERY			DISCOVERY DESCRIPTION	
1	2	3	4	5	6	7	8	9	10	11	12	13
1	5	E	128	0	9	0	29	NA		30	A	31
7	8	9	10	12	13	44	45	46	Operator Observation			
80												

ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE	
1	6	2	34	NA	35	NA	36
7	8	9	10	11	44	45	80

PERSONNEL EXPOSURES															
NUMBER										TYPE		DESCRIPTION			
1	0	1	7	1	0	0	1	3	7	1	Z	38	1	NA	139
7				8	9				11	12			13		80

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

LOSS OF OR DAMAGE TO FACILITY	
TYPE	DESCRIPTION
1 9	1 Z 42 NA

PUBLICITY		8405300147 840529	
ISSUED	DESCRIPTION	PDR ADOCK 05000368	
		S PDR	NRC USE ONLY

[illegible]

NAME OF PREPARER Patrick Rogers

PHONE: (501) 964-3100

LICENSEE EVENT REPORT

EXHIBIT A

LER No. 50-368-83-034/03X-1

Occurrence Date: 07/17/83

Cause Description and Corrective Actions (Continued)

operator stroked correctly. The valve operator for 2CV-4652 is a type SMB-000 manufactured by Limitorque.



ARKANSAS POWER & LIGHT COMPANY

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

May 25, 1984

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

Subject: Arkansas Nuclear One - Unit 2
Docket No. 50-368
License No. NPF-6
Licensee Event Report
No. 83-034/03X-1

Gentlemen:

In accordance with Arkansas Nuclear One - Unit 2 Technical Specification 6.9.1.9.b, attached is the subject report concerning failure of pressurizer spray valve 2CV-4652 to close completely. This is an update to a previous submittal dated August 3, 1983.

Very truly yours,

for Dan Howard
John R. Marshall
Manager, Licensing

JRM:RJS:ac

Attachment

cc: Mr. Richard P. Denise, 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

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