

LICENSEE EVENT REPORT

EXHIBIT A

CONTROL BLOCK: 1 2 3 4 5 6 (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

7 8 9 10 11 12 13 14 15 16 17 18 19 20  
 7 8 9 10 11 12 13 14 15 16 17 18 19 20  
 7 8 9 10 11 12 13 14 15 16 17 18 19 20  
 7 8 9 10 11 12 13 14 15 16 17 18 19 20  
 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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			
IC A 11	E 12	X 13	V A L V O P 14	A 15	Z 16			
9	11	12	13	18	20			
LER/RO REPORT NUMBER	EVENT YEAR	SEQUENTIAL REPORT NO.	OCCURRENCE CODE	REPORT TYPE	REVISION NO			
1 8 3 1	21	22	23	24	26			
1 21 22	23	24	26	27	28			
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

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27  
 The cause of this occurrence could not be determined at this time. All pressurizer heaters were energized, and attempts were made to shut 2CV-4652 from the control room. The valve was successfully closed by jumpering (by-passing) the torque switch at the valve operator motor control center while stroking the valve closed from the control room. An inspection of the motor operator was conducted during refueling outage 2R3 and a discrepancy in torque switch setting was found. The torque switch was reset properly and the valve (cont)

FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
E 28	0 9 0 29	NA	A 31	Operator Observation
9	10	12	13	30
44	45	46		

ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
Z 33	Z 34	NA	35
9	10	11	44
44	45		

PERSONNEL EXPOSURES NUMBER	TYPE	DESCRIPTION
0 0 0 37	Z 38	NA
9	11	12
13		

PERSONNEL INJURIES NUMBER	DESCRIPTION
0 0 0 40	NA
9	11
12	

LOSS OF OR DAMAGE TO FACILITY TYPE	DESCRIPTION
Z 42	NA
9	10

PUBLICITY ISSUED	DESCRIPTION
N 44	NA
9	10

8405300147 840525  
 PDR ADOCK 05000368  
 S PDR

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

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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  
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IEZ  
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