

LICENSEE EVENT REPORT

EXHIBIT A

CONTROL BLOCK: 1 2 3 4 5 6 7 8 9 10

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

[illegible]

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

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0 2	On 6/16/83, while in hot shutdown after a reactor trip, high pressure injection (HPI) control valve CV-1219
0 3	failed to open on demand from the control room. The valve was being opened to allow additional makeup flow for
0 4	inventory control following the reactor trip. CV-1219 is the block valve for the HPI to the cold leg contain-
0 5	ing reactor coolant pump P-32C. Redundant HPI valves CV-1220, CV-1227, and CV-1228 were available and operable.
0 6	This occurrence is reportable per Technical Specification 6.12.3.2.b. Makeup system Limitorque valve operator
0 7	problems were reported in LER's (50-313) 79-021, 80-013, 80-033, 81-011 and 82-002. Torque switch problems of
0 8	Limitorque operators were reported in LER's (50-313) 79-010, 79-021, 80-001, 80-002, 80-003, 80-033, 81-009.
7 8	9

SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE		COMP SUBCODE		VALVE SUBCODE			
P	C	E		X		V	A	L	V	O	P	A	Z
7	8	9	10	11	12	13	14	15	16	17	18	19	20
LER/RO		EVENT YEAR		SEQUENTIAL		OCCURRENCE		REPORT		REVISION			
REPORT		NO.		REPORT NO.		CODE		TYPE		NO.			
NUMBER													
17		21		23		24		27		28		30	
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB	
33		34		35		36		37		40		41	
X		Z		Z		Y		O		P		A	
18		19		20		21		22		23		24	
33		34		35		36		37		40		41	
PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER											
43		44		45		46		47		48		49	
N		L		Z		O		P		A		Z	
125		126		127		128		129		130		131	
43		44		45		46		47		48		49	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

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1	0	Immediate actions were to use a redundant valve for HPI and to manually open CV-1219. The root cause could
1	1	not be determined since the true as-failed conditions were altered by immediate actions. Subsequent valve
1	2	testing could not duplicate the failure. Troubleshooting found the contacts on the torque switch to be
1	3	somewhat corroded, but investigation of the circuit indicated that this should not have prevented CV-1219 from
1	4	opening. The operator and the switches were visually inspected. Switch settings were checked. No problems

7 8 9

FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
1	5	1	2	3	4	1	2	1	2
7	8	9	10	11	12	13	14	15	16
ACTIVITY		CONTENT							

ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
1 1 6 1	1 2 133	1 NA	1 NA
7 8	9 10 11	135 44 45	136 80
PERSONNEL EXPOSURES			

PERSONNEL EXPOSURES										44	45	150
NUMBER					TYPE		DESCRIPTION					80
1	1	7										
7			8	9	0	0	0	137	12	138	NA	
PERSONNEL INJURIES										13		139
												80

PERSONNEL INJURIES										80
NUMBER				DESCRIPTION						
1	2	3	4	5	6	7	8	9	10	
1	1	8		0	0	0	40		NA	
7			8	9			11	12		41
LOSS OF OR DAMAGE TO FACILITY										80

LOSS OF OR DAMAGE TO FACILITY		80
TYPE	DESCRIPTION	
1 1 9 1	1 Z 142 1 NA	IE 22 11
PUBLCITY		143

[illegible]

NAME OF PREPARER Patrick C. Rogers

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8307150271 830705
PDR ADOCK 05000313
S PDR

LER No. 50-313/83-015/03L-0

Occurrence Date: 06/16/83

Event Description and Probable Consequences (Continued)

81-011 and 82-002.

Cause Description and Corrective Actions (Continued)

were found. CV-1219 was tested satisfactorily and returned to service. The operator for CV-1219 is a type SMB-00 manufactured by Limitorque.

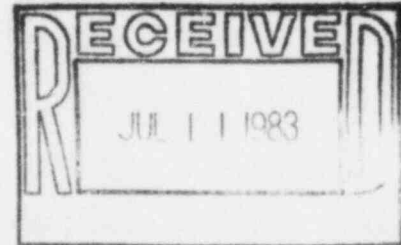


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July 5, 1983

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Mr. W. C. Seidle, Chief
Reactor Project Branch #2
U. S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76011



Subject: Arkansas Nuclear One - Unit 1
Docket No. 50-313
License No. DPR-51
Licensee Event Report
No. 83-015/03L-0

Gentlemen:

In accordance with Arkansas Nuclear One - Unit 1 Technical Specification 6.12.3.2.b, attached is the subject report concerning failure of high pressure injection control valve CV-1219.

Very truly yours,

John R. Marshall
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
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