

LICENSEE EVENT REPORT

EXHIBIT A

CONTROL BLOCK: 1 1
1 6

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

[illegible]

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

On 7/10/83, while cooling down and depressurizing, the pressurizer cooldown rate exceeded the 100° F/hr limit of Technical Specification (T.S.) 3.1.2.5. The pressurizer temperature was reduced from approximately 390° F to 240° F in 77 minutes yielding a cooldown rate of 117° F/hr. This event occurred when the auxiliary pressurizer spray was initiated with the valve full open for depressurization of the reactor coolant system (RCS), which was at approximately 235 psig and 115° F. After the auxiliary pressurizer spray valve was closed, the excessive cooldown was terminated. Afterwards, pressurizer temperature calculations using RCS pressure revealed that the limit of T.S. 3.1.2.5 had been exceeded. The T.S. 3.1.2.6 requirement to restore the temperature

SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE						COMP SUBCODE		VALVE SUBCODE		REVISION NO	
0 9		C 8 11		A 12		Z Z Z Z Z Z 14						Z 15		Z 16		0 1	
7 8		9 10		11		12 13 13 13 13 13 13 18						19		20		32	
LER/RO		EVENT YEAR		---		SEQUENTIAL REPORT NO.						OCCURRENCE CODE		REPORT TYPE		REVISION NO	
17 REPORT NUMBER		8 3		21 22		0 1 6 1 / 1						0 3		L		0	
33		23		24 26		27 27 27 27 27 27 27 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		H 19		Z 20		Z 21		0 0 0 0 22		Y 23		N 24		Z 25		Z 9 9 9 26	
34		35		36		37		40		41		42		43		47	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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1	2	3	4	5	6	7	8	9	10	11	1																																																																																								

FACILITY STATUS										% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION			
1 5 1 3 28										1 0 0 0 29		1 NA 130		1 A 131		Operator Observation			
ACTIVITY										CONTENT									
7 8										9 10		44		45		46		132	

RELEASED	CONTENT	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
1 6 8	2 133	3 NA	4 35
5 9	6 134	7 44	8 45
9 10	11 NA	12 46	13 47

PERSONNEL EXPOSURES										
NUMBER				TYPE		DESCRIPTION				
1	7			0	0	0	37	2	38	NA
8	9	11	12	13						39

PERSONNEL INJURIES										80
NUMBER					DESCRIPTION					
1	8				0	0	0	40	NA	
					9			11		IC22
										141

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

2		0		PUBLCITY		ISSUED DESCRIPTION		NRC USE ONLY	
N		44		NA					

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

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8308090315 830729
PDR ADOCK 05000313
S PDR

LICENSEE EVENT REPORT

EXHIBIT A

LER No. 50-313/83-016/03L-0

Occurrence Date: 07/10/83

Event Description and Probable Consequences (Continued)

and/or pressure within limits was not applicable in this case since the RCS temperature was $<200^{\circ}$ F and the RCS pressure was <500 psia as specified in T.S. 3.1.2.6. This occurrence is reportable per T.S. 6.12.3.2.b. No similar occurrences have been reported.

Cause Description and Corrective Actions (Continued)

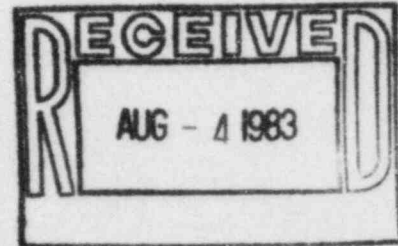
cooling. The auxiliary pressurizer spray valve (manual valve) was tagged to warn of the possibility of excessive cooldown. An analysis of the occurrence was performed by Babcock and Wilcox (B&W), the NSSS vendor for Unit One. The occurrence was within the bounds of previous analysis. The components were not adversely affected by the subject occurrence, and the fatigue usage was not significantly affected ($<.01$ fatigue cycles). A discussion was held with the operations crew involved in the event, and the information concerning the event was provided to the other operations personnel.



ARKANSAS POWER & LIGHT COMPANY
POST OFFICE BOX 551 LITTLE ROCK, ARKANSAS 72203 (501) 371-4000
July 29, 1983

1CAN078315

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

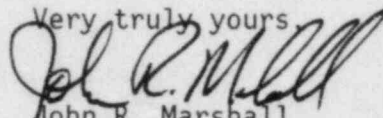


Subject: Arkansas Nuclear One - Unit 1
Docket No. 50-313
License No. DPR-51
Licensee Event Report
No. 83-016/03L-0

Gentlemen:

In accordance with Arkansas Nuclear One - Unit 1 Technical Specification 6.12.3.2.b, attached is the subject report concerning an excessive pressurizer cooldown rate.

Very truly yours,


John R. Marshall
Manager, Licensing

JRM:RJS:s1

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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