

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

[illegible]

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

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On 4/5/83, while in hot shutdown, the outboard bearing temperature for the steam driven emergency feedwater (EFW) pump P-7A exceeded the limits of the monthly surveillance test. P-7A was taken out of service for investigation thereby entering the requirements of Technical Specification (T.S.) 3.4.5. This occurrence is reportable per T.S. 6.12.3.2.b. The electric driven EFW pump P-7B and its associated train were operable. ILLER's (50-313) regarding EFW pump bearings were 77-003 and 79-007.

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SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP SUBCODE		VALVE SUBCODE		REVISION	
0 9		H H 11		A 12		C 13		P U M P X X 14		B 15		Z 16		NO	
7 8		9 10		11		12 13		13 18		19		20		32	
LER/RO	EVENT YEAR			---		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE				REVISION	
17 REPORT	8 3			21 22		0 1 0		/		0 3		X		1	
NUMBER	21 22			23		24 26		27		28 29		30		31	
ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER		
E 18	Z 19	Z 20	Z 21		0 0 0 0 22		N 23		N 24		A 25		I 0 7 5 26		
33	34	35	36		37 40		41		42		43		44 47		

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

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1	0
1	1
1	2
1	3
1	4

The high bearing temperature occurred because the balance drum clearances were improperly set during maintenance on P-7A. The balance drum clearance setting is an infrequent maintenance activity and the procedure did not contain detail instructions for performing this activity. The balance drum clearances were reset. The EFW pump maintenance procedure was revised to provide separate, more explicit sections for special maintenance such as balance drum clearance settings. P-7A is a model 4HMTA-9 STG manufactured by INGERSOLL-RAND.

FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION					
1	5	6	128	0	0	0	129	N/A	30	8	31	Routine Surveillance	32
7	8	10	12	13	44	45	46						80
ACTIVITY		CONTENT											

RELEASED		OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE	
1	6	2	33	2	34	NA	NA
7	8	9	10	11	35	44	45
PERSONNEL EXPOSURES							
						36	
						80	

PERSONNEL EXPOSURE		TYPE		DESCRIPTION
1	2	0	0	NA
7	8	9	10	
		11	12	
			13	

PERSONNEL INJURIES										80
NUMBER					DESCRIPTION					
1	2	3	4	5	6	7	8	9	10	
1	1	8			0	0	0	0	40	NA
7			8		9				11	12
										41

LOSS OF OR DAMAGE TO FACILITY		80
TYPE	DESCRIPTION	
1 9	2 142 NA	143

PUBLICITY									
ISSUED		DESCRIPTION							
2	0	N 144	NA						
7	R	9	145						

NRC USE ONLY

NAME OF PREPARER Patrick Rogers

PHONE: (501) 964-3100

8405300017 840525
PDR ADDCK 05000313
S PDR

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ARKANSAS POWER & LIGHT COMPANY

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

May 25, 1984

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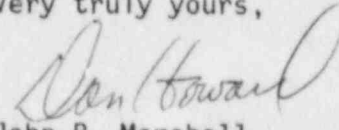
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Subject: Arkansas Nuclear One - Unit 1
Docket No. 50-313
License No. DPR-51
Licensee Event Report
No. 83-010/03X-1

Gentlemen:

In accordance with Arkansas Nuclear One - Unit 1 Technical Specification 6.12.3.2.b, attached is the subject report concerning the high bearing temperature of steam driven emergency feedwater (EFW) pump P-7A during monthly surveillance testing. This is an update to a previous submittal dated May 2, 1983.

Very truly yours,

for 
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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