

(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. LER's (50-313) regarding EFW pump bearings were 77-003 and 79-007.

SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP SUBCODE		VALVE SUBCODE		REVISION NO	
H H 11		A 12		C 13		P U M P X X 14				B 15		Z 16			
9 10		11		12		13 18				19		20			
EVENT YEAR		---		SEQUENTIAL REPORT NO.		OCCURRENCE CODE				REPORT TYPE					
B 3				O 1 O 1		/ / O 3				X 1		---		1 1	
21 22		23		24 26		27 29				30		31		32	
LER/RO	17	REPORT	NUMBER	ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER			
E 18	33	Z 19	34	Z 20	35	Z 21	36	O 1 O 1 O 12	N 123	N 124	A 125	I 1 O 1 7 5	26 27 28 29 30 31 32		

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

CAUSE DESCRIPTION		CORRECTIVE ACTIONS
1	0	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	1	28	0	0	0	29	N/A	30
7	8	9	10	11	12	13	14	15	16
ACTIVITY		CONTENT						Routine Surveillance	

RELEASED		OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE	
1	6	2	34	NA	35	NA	36
7	8	9	10	11	44	45	46
PERSONNEL EXPOSURES							

PERSONNEL EXPOSURE										
NUMBER		TYPE		DESCRIPTION						
1	7	0	0	0	37	2	38	NA		
7	8	9	10	11	12	13	139			

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

LOSS OF OR DAMAGE TO FACILITY		80
TYPE	DESCRIPTION	
1 9	Z 42 NA	143

PUBLICITY														
ISSUED		DESCRIPTION												
2	0	N 144	NA											
7	8	9	10				145							NRC USE ONLY

NAME OF PREPARER Patrick Rogers

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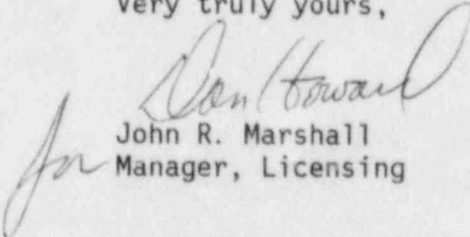
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Subject: Arkansas Nuclear One - Unit 1
Docket No. 50-313
License No. DPR-51
Licensee Event Report
No. 83-010/03X-1

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,


John R. Marshall
Manager, Licensing

JRM:RJS:ac

Attachment

cc: Mr. Richard P. Denise, Director
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