

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CCN'T
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REPORT SOURCE 1 6 0 5 0 0 0 2 5 0 7 1 0 0 1 7 9 8 1 0 2 2 7 9 9
30 81 DOCKET NUMBER 58 69 EVENT DATE 74 75 REPORT DATE 30

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 During power operation, the AFW pumps were being tested in accordance
03 with TS 4.10.1. The "A" AFW pump failed to start. The "B" and "C"
04 AFW were operable and available. The problem was corrected, and the "A"
05 AFW pump was tested and returned to service within 16 minutes. Reference
06 similar occurrence: LER 250-79-17.

07

018

SYSTEM CODE [3] [3]		CAUSE CODE [H] [11]		CAUSE SUBCODE [E] [12]		COMPONENT CODE [V] [A] [L] [V] [O] [P] [14]				COMP. SUBCODE [D] [15]		VALUE SUBCODE [Z] [16]	
LEAD/RO REPORT NUMBER [17]		EVENT YEAR [7] [9]		SEQUENTIAL REPORT NO. [0] [2] [8]		OCCURRENCE CODE [0] [3]		REPORT TYPE [L]		REVISION NO. [0]			
ACTION TAKEN [E] [13] [X] [19]		EFFECT ON PLANT [Z] [20]		SHUTDOWN METHOD [Z] [21]		HOURS [0] [0] [0] [0]		ATTACHMENT SUBMITTED [N] [23]		NPRO-4 FORM SUB. [N] [24]		PRIME COMP. SUPPLIER [A] [25]	
FUTURE ACTION [33]		[34]		[35]		[36]		[37]		[40]		COMPONENT MANUFACTURER [F] [1] [3] [5] [26]	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 3 The failure of the "A" AFW pump to start resulted from inoperability of
1 1 CV-3705 (A AFW steam turbine pressure control valve). This inoperability
1 2 was due to water which had been introduced into the pneumatic controller.
1 2 Corrective actions are discussed in the attachment.

1 5 E (23) 1 0 0 0 (29) NA 30 A (31) Operator Observation 32

ACTIVITY CONTENT		RELEASED OF RELEASE		AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)		
1	5	Z	(32)	Z	(34)	NA	NA

7		3		10		11		14		15		30	
PERSONNEL EXPOSURES													
NUMBER				TYPE		DESCRIPTION							
1	7	0	0	0	(37)	Z	(38)	NA					

PERSONNEL INJURIES		30
NUMBER	DESCRIPTION	
01	NA	

7	8	9	10	11	12
LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION (4)					

1 3 3 10 NA 7911060 387
PUBLICATION (45) NRC USE ONLY

[illegible]

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REPORTABLE OCCURRENCE 250-79-28
LICENSEE EVENT REPORT
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Additional Cause Description and Corrective Action:

The failure of the "A" AFW pump to start resulted from inoperability of CV-3705 (A AFW steam turbine pressure control valve). The root cause of the inoperability was water introduced into the instrument air system when temporarily connected to the Unit Nos. 1 and 2 service air system. This temporary connection was established to provide the required air capacity while one of the IA system compressors was out of service for maintenance.

The pneumatic controller was returned to operable status. The "A" AFW pump was successfully tested and returned to service within 16 minutes.

Corrective action included draining low points of the IA system. Additionally, administrative controls are being established to increase the surveillance frequency on the IA system to detect the presence of water. Long term corrective action will include upgrading both the IA and AFW systems. The IA upgrade includes enhancements to the filters, desiccant dryers, and monitoring and control systems. This modification is currently scheduled to be completed during the first quarter of 1981. The AFW upgrade includes both the replacement of the existing turbine casings with casings rated for full steam pressure and the elimination of the pressure reduction controls associated with the AFW steam turbines. This modification is currently scheduled to be completed during the second quarter of 1981. We believe that the interim and long term corrective action should preclude future occurrences of this type.

