

LICENSEE EVENT REPORT

CONTROL BLOCK: [][] . [][][] ①

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	A	L	J	M	F	1	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5
7	8	9					14	15											25	26					30		57	58	
CONT																													
0	1		L	6	0	5	0	0	0	3	4	8	7	1	0	2	4	7	9	8	1	1	2	0	7	9	9		
7	8		60	61						68	69							74	75							80			
		REPORT SOURCE		DOCKET NUMBER										EVENT DATE					REPORT DATE										

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During October, on two separate occasions (1100 on 10-24-79 and 1057 on 10-30-79), the

0 3 | River Water B train pumps were declared inoperable. T/S 3.7.5 requires both R.W. loops

0 4 | to be operable. T/S 3.7.5 action statement requirements were met. The pumps were

0 5 | returned to service at 1700 on 10-24-79 and 0121 on 10-31-79 respectively. A similar

0 6 | occurrence was reported in LER 78-088/03L-1. These occurrences had no effect on the

0 7 | health and safety of the public.

0 8 |

SYSTEM CODE [W][E] 11		CAUSE CODE [E] 12		CAUSE SUBCODE [X] 13		COMPONENT CODE [R][E][T][A][Y][X] 14		COMP. SUBCODE [K] 15		VALVE SUBCODE [Z] 16	
7 8		9 10		11 12		13 18		19 20		21 22	
17 LER/RO REPORT NUMBER		EVENT YEAR [7][9]		SEQUENTIAL REPORT NO. [0][4][1]		OCCURRENCE CODE [0][3]		REPORT TYPE [L]		REVISION NO. [0]	
23 24		25 26		27 28		29 30		31 32		33 34	
ACTION TAKEN [A] 18		FUTURE ACTION [X] 19		EFFECT ON PLANT [Z] 20		SHUTDOWN METHOD [Z] 21		HOURS [0][0][0][0] 22		ATTACHMENT SUBMITTED [Y] 23	
35 36		37 38		39 40		41 42		43 44		45 46	
NPRD-4 FORM SUB. [N] 24		PRIME COMP. SUPPLIER [A] 25		COMPONENT MANUFACTURER [G][0][5][0]							
47 48		49 50		51 52		53 54		55 56		57 58	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

[1] [0] [An investigation of the second occurrence revealed that pump inoperability was caused

[1] [1] [by moisture accumulation in level switch LS 510. It is believed that this was also

[1] [2] [the cause for the first occurrence. After the second occurrence the level switch was

[1] [3] [replaced and resealed.

1 4 |
7 6 9

FACILITY STATUS (23) 1 5 G 23 2 8 9 10 12 13 14
% POWER 0 0 0 23
OTHER STATUS (30) NA 44
METHOD OF DISCOVERY (31) A 45 46 RW pumps in tripped condition
DISCOVERY DESCRIPTION (32)

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)

1 6 2 35 2 36 NA NA

PERSONNEL EXPENDITURES

NUMBER			TYPE	DESCRIPTION
1	2	000	Z	NA

7 8 9 11 12 13 60

PERSONNEL INJURIES
NUMBER DESCRIPTION (41)

(1) (2) | 0 | 0 | 0 | (10) NA POOR ORIGINAL

7 8 9 11 12

LOC OF OR DAMAGE TO FACILITY (4.3)

TYPE DESCRIPTION

1 9 Z (4.2) NA

1388 112

7 8 9 10
CURRICULUM
ISSUES DESCRIPTION (10)
NA 2011080 301 NRC USE ONLY 20

NAME OF PREPARED:

W. C. Hairston, III

PHONE: (205) 899-5156

ALABAMA POWER COMPANY
JOSEPH M. FARLEY NUCLEAR PLANT
DOCKET NO. 50-348
ATTACHMENT TO LER 79-041/03L-0

Facility: Joseph M. Farley Unit 1

Report Date: 11/20/79

Event Date: 10/24/79

Identification of Event:

River Water B train declared inoperable. Tech. Spec. 3.7.5 requires both R.W. loops to be operable.

Conditions Prior to Event:

Plant was in Mode 5.

POOR ORIGINAL

Description of Event:

During October, on two separate occasions (1100 on 10/24/79 and 1057 on 10/30/79), the River Water B train pumps were declared inoperable. Tech. Spec. 3.7.5 requires both R.W. loops to be operable. Tech. Spec. 3.7.5 action statement requirements were met. The pumps were returned to service at 1700 on 10/24/79 and 0121 on 10/31/79 respectively.

Designation of Apparent Cause:

These events were attributable to water accumulation in level switch LS 510.

Analysis of Event:

After the first occasion, the No. 4 R.W. pump breaker was found in the tripped position. The breaker and associated control power circuits were inspected. It was determined that the breaker was mechanically binding. Following repairs, the breaker was returned to service.

A visual examination of the level switch and check of the Service Water Pond level did not reveal the cause for the breaker tripping.

Service water pond level variations were simulated by using jumpers at the LS 510 terminal board. The pumps operated properly. At this point, it was decided to return the system to normal and verify operability without any further examination of LS 510.

After the second occasion (No. 4 and 5 R.W. pumps tripped), it was decided to first examine LS 510. This examination revealed moisture in the level switch. The level switch was replaced and resealed and the R.W. system was returned to operation. It is believed that moisture accumulation was also the reason for the first intermittent R.W. pump malfunctions.

1388 113

The health and safety of the public were not affected by these occurrences.

Corrective Actions:

Level switch LS 510 was replaced and resealed in a new, more effective manner.

Failure Data:

A similar occurrence was reported in LER 78-088/03L-1.

1388 114