

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Joseph M. Farley - Unit 1										DOCKET NUMBER (2) 0 5 0 0 0 3 1 4 8										PAGE (3) 1 OF 0 12																																													
TITLE (4) Voluntary Report: Valve Inoperable Due To Vent Plug Having Been Painted Over																																																																	
EVENT DATE (5)						LER NUMBER (6)						REPORT DATE (7)						OTHER FACILITIES INVOLVED (8)																																															
MONTH			DAY			YEAR			YEAR			SEQUENTIAL NUMBER			REVISION NUMBER			MONTH			DAY			YEAR			FACILITY NAMES						DOCKET NUMBER(S)																																
1			0			0			9			8			5			8			5			0			1			8			0			0			1			1			8			8			5			Joseph M. Farley -						0 5 0 0 0 3 1 6 4					
																																																Unit 2						0 5 0 0 0											
OPERATING MODE (9)						THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5. (Check one or more of the following) (11)																																																											
1																																																																	
POWER LEVEL (10)						20.402(a)						20.408(c)						80.73(a)(2)(iv)						73.71(b)																																									
9.8						20.408(a)(1)(i)						80.36(a)(1)						80.73(a)(2)(v)						73.71(a)																																									
						20.408(a)(1)(ii)						80.36(a)(2)						80.73(a)(2)(vi)						Y OTHER (Specify in Abstract below and in Text, NRC Form 386A)																																									
						20.408(a)(1)(iii)						80.73(a)(2)(i)						80.73(a)(2)(vii)(A)						Voluntary Report																																									
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						20.408(a)(1)(v)						80.73(a)(2)(iii)						80.73(a)(2)(x)																																															
LICENSEE CONTACT FOR THIS LER (12)																																																																	
NAME												TELEPHONE NUMBER																																																					
J. D. Woodard												AREA CODE																																																					
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COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																																																																	
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC																																																							
A	B	A	I L I S I V C	16 15 17	Y																																																												
SUPPLEMENTAL REPORT EXPECTED (14)												EXPECTED SUBMISSION DATE (15)						MONTH				DAY		YEAR																																									
YES (If yes, complete EXPECTED SUBMISSION DATE)												X NO																																																					
ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)																																																																	

This voluntary report is being submitted to inform the NRC of a problem which could lead to the inoperability of certain Cowan or Bettis air operated valves (AOVs).

On 10-09-85, following maintenance on a Unit 2 AOV, a stroke test was attempted, but the valve failed to stroke. Investigation revealed that the valve actuator cylinder exhaust breather cap was obstructed due to having been painted over during initial installation. Although the valve had operated satisfactorily in the past, recent air leakage past the actuator piston allowed air pressure on both sides of the piston to equalize preventing valve actuation.

All valves in the Inservice Test Plan were inspected except those valves inside containment. It was found that four valves on Unit 1 and fourteen valves on Unit 2 had breather caps that had been painted over. However, these valves have operated satisfactorily during periodic surveillance testing and no problems have been noted with the operation of these valves. The breather caps on all affected valves have been replaced.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMS NO 3150-0104

EXPIRES 8/31/85

FACILITY NAME (1) J. M. Farley - Unit 1	DOCKET NUMBER (2) 05000348885	LER NUMBER (6)			PAGE (3)				
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER					

TEXT (If more space is required, use additional NRC Form 366A's) (17)

This voluntary report is being submitted to inform the NRC of a problem which could lead to the inoperability of certain Cowan or Bettis air operated valves (AOVs). These valves have breather caps resembling plugs and are therefore more likely to be painted than some other designs.

On 10-09-85, a stroke test of a steam admission valve to the Unit 2 turbine driven auxiliary feedwater (TDAFW) pump was attempted but the valve failed to stroke. Investigation revealed that the valve actuator cylinder exhaust breather cap was obstructed due to having been painted over during initial installation. A new breather cap was installed and the valve was returned to service following testing.

This valve had operated properly during prior tests of the TDAFW pump. However, when the stroke failure occurred, air leakage past the actuator piston allowed air pressure on both sides of the piston to equalize preventing valve actuation.

All valves in the Inservice Test Plan for both Unit 1 and Unit 2 were inspected except those valves inside containment. The valves in containment will be inspected during the next refueling outages. It was determined that four valves on Unit 1 and fourteen valves on Unit 2 had breather caps that were painted. Only the Unit 2 TDAFW pump steam admission valve was inoperable. The other valves operated satisfactorily during periodic surveillance testing and no problems have been noted with the operation of these valves. Breather caps on all the affected valves have been replaced with the exception of the Unit 2 Main Steam Isolation Valve Bypass Valves which will be replaced during the next refueling outage.

Due to the susceptibility of these breather caps becoming obstructed, a preventive maintenance task is being developed to ensure that the breather caps are functioning properly.

Mailing Address

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R. P. McDonald
Senior Vice President
Flintridge Building



Alabama Power

the southern electric system

November 18, 1985

Docket No. 50-348

Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Joseph M. Farley Nuclear Plant - Unit 1
Licensee Event Report No. LER 85-018-00

Dear Sir:

Joseph M. Farley Nuclear Plant, Unit 1, Licensee Event Report No. LER 85-018-00 is being voluntarily submitted.

If you have any questions, please advise.

Yours very truly,

R. P. McDonald

RPM/JAR:ddb-D-LER
Enclosure

cc: IE, Region II

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