NRC FORM 366 (7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

Update Report
Previous Report Date 11/02/78

CONTROL BLOCK: (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01	LICENSEE CODE: A L J M F 1 (2) LICENSE NUMBER: 0 0 - 0 0 0 0 0 - 0 0 (3) LICENSE TYPE: 4 1 1 1 1 (4) CAT (5)
CON'T 01	REPORT SOURCE: L (6) DOCKET NUMBER: 0 5 0 0 0 3 4 8 (7) EVENT DATE: 0 9 1 4 7 8 (8) REPORT DATE: 0 2 2 2 7 9 (9)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 On 9/14/78, during an inspection of the diesel generator building, an NRC inspector
03 noted that the 1B D/G air start system air reservoir 1A, 1B pressures were 210 psig
04 and 80 psig. He notified the Shift Foreman, who declared the D/G inoperable. T/S
05 3.8.1.1 requires that two separate independent diesel generator sets be operable. The
06 1B D/G was inoperable from 1030 to 1230 on 9/14/78. T/S 3.8.1.1 action statement re-
07 quirements were met. The other diesel generator set was operable. This occurrence
08 had no effect on the health and safety of the general public.

	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
09	E E (11)	A (12)	B (13)	V A L V E X (14)	X (15)	B (16)

(17) LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	7 8	—	0 6 6	/	0 3	X	—	2

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS (22)	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
X (18)	Z (19)	Z (20)	Z (21)	0 0 0 0	Y (23)	N (24)	A (25)	C 4 7 0 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 1B air compressor relief valve/check valve leaked causing the 1A and 1B air reservoirs
11 to bleed down. The 1A air compressor, tagged out for maintenance, was returned to
12 service and the air reservoirs were repressurized. FNP-1-AP-52 was not properly
13 implemented. The individuals involved were instructed in the proper implementation of
14 FNP-1-AP-52.

	FACILITY STATUS	% POWER	OTHER STATUS (30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
15	E (28)	1 0 0 (29)	NA	D (31)	NRC inspector observation

	ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
16	Z (33)	Z (34)	NA	N A

PERSONNEL EXPOSURES

	NUMBER	TYPE	DESCRIPTION (39)
17	0 0 0 (37)	Z (38)	NA

PERSONNEL INJURIES

	NUMBER	DESCRIPTION (41)
18	0 0 0 (40)	NA

LOSS OF OR DAMAGE TO FACILITY (43)

	TYPE	DESCRIPTION
19	Z (42)	NA

PUBLICITY

	ISSUED	DESCRIPTION (45)
20	N (44)	NA

7902280298

NRC USE ONLY

NAME OF PREPARER W. G. Hairston, III PHONE (205) 899-5156

ALABAMA POWER COMPANY
JOSEPH M. FARLEY NUCLEAR PLANT
DOCKET NO. 50-348
ATTACHMENT TO LER 78-066/03X-2

Facility: Joseph M. Farley Unit 1

Report Date: (Update Report - Previous Report Date 10/16/78)

Event Date: 9/14/78

Identification of Event

Air pressure in the 1B diesel generator A and B air start receivers was found to be 210 psig and 80 psig respectively.

Conditions Prior to Event

The Unit was in Mode 1 operating at 100% steady state power.

Description of Event

At approximately 1015 on 9/14/78, an NRC inspector touring the diesel building observed that the air receivers in the starting air system for the 1B diesel generator were reading 210 psig and 80 psig respectively for the A and B receivers. The problem was independently identified by Maintenance personnel shortly thereafter. The Shift Foreman was notified. He declared the 1B diesel generator inoperable at 1030 on 9/14/78, and verified the operability of the remaining A. C. sources. The 1A air compressor, which was previously tagged out for maintenance, was returned to service, and the 1B diesel generator was declared operable at 1230 on 9/14/78.

Designation of Apparent Cause

A leaking relief valve and check valve on the 1B air compressor caused the 1A and 1B air receivers to bleed down. The relief valve had been replaced at approximately 0930 on 9/14/78, and was not properly tested prior to returning the 1B air compressor to service. The test and restoration requirements of FNP-1-AP-52, Equipment Status Control and Maintenance Authorization, were not implemented properly.

Analysis of Event

The 1B diesel generator was restored to an operable status within the time limit specified in Technical Specification 3.8.1.1. Although the air pressure in the 1A and 1B air receivers was 210 psig and 80 psig respectively, it is noted that successful starts on the 1B diesel generator were made during the startup test program at air pressures as low as 140 psig. The other separate and independent diesel generator set (1-2A and 1-C diesel generators) was operable. This occurrence had no affect on the health and safety of the general public.

Effect on Plant

This occurrence had no significant effect on plant operation.

Corrective Action

The operability of the 1B diesel generator was restored when the 1A air compressor was returned to service and the air pressure in the air receivers was restored to normal. Individuals involved in this incident have been instructed in proper implementaton of FNP-1-AP-52.

Failure Data

None