

Attachment to AECM-83/0184

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(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CON'T

0	1
7	8

REPORT SOURCE

L	6	0	5	0	0	0	4	1	6	7	1	2	0	4	8	2	8	0	3	1	8	8	3	9
60	61								66	69						74	75							80
DOCKET NUMBER										EVENT DATE										REPORT DATE				

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | On Dec. 4, 1982, while performing surveillance test 06-0P-1P75-M-0002 the
0 3 | Div. II diesel failed to start. Upon investigation it was observed that
0 4 | the overload on the D.C. fuel oil pump had tripped. Upon reset of the
0 5 | overload the diesel started without incident. During the run the diesel
0 6 | was intentionally shutdown due to fuel oil leaks. The event had no
0 7 | effect on the health and safety of the public and did not constitute a
0 8 | threat to plant safety. This was not a valid failure to start..

09		SYSTEM CODE EE		CAUSE CODE A	CAUSE SUBCODE A	COMPONENT CODE ENGINE		COMP. SUBCODE Z	VALVE SUBCODE Z		
7	8	9	10	11	12	13	14	15	16		
(17) LER RO REPORT NUMBER		EVENT YEAR 82			SEQUENTIAL REPORT NO. 156			OCCURRENCE CODE 03	REPORT TYPE X	REVISION NO. 1	
21		22		23	24	25	26	27	28	29	
ACTION TAKEN X		FUTURE ACTION Z		EFFECT ON PLANT Z	SHUTDOWN METHOD Z		HOURS 0000	ATTACHMENT SUBMITTED Y	NPRO-4 FORM SUB. N	PRIME COMP. SUPPLIER A	
33	34	35	36	37	38	39	40	41	42	43	
18	19	20	21	22	23	24	25	26	27	28	
COMPONENT MANUFACTURER D055											
44	45	46	47	48	49	50	51	52	53	54	55

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The diesel generator failure to start is due to personnel error. The D.C.

1 1 motor-driven pump is nonessential for emergency operation of the diesel

1 2 generator. The fuel leaks were due to loose bleed (vent) plugs on the

1 3 injectors. The plugs were tightened, and the surveillance test was run.

1 4 This is a final report.

FACILITY STATUS			% POWER			OTHER STATUS			METHOD OF DISCOVERY			DISCOVERY DESCRIPTION		
1	5	6	28	0	0	0	29	NA	B	31	Surveillance Testing			
ACTIVITY CONTENT			RELEASED OF RELEASE			AMOUNT OF ACTIVITY			LOCATION OF RELEASE					
1	6	7	33	7	34	NA	44	NA	45	36				
PERSONNEL EXPOSURES			PERSONNEL INJURIES			LOSS OF OR DAMAGE TO FACILITY			PUBLICITY					
NUMBER			TYPE			DESCRIPTION			ISSUED					
1	7	8	0	0	0	37	7	38	NA	41	42	43		
NUMBER			DESCRIPTION			TYPE			DESCRIPTION					
1	4	9	0	0	0	40	NA	44	NA	45	46			
LOSS OF OR DAMAGE TO FACILITY			PUBLICITY			ISSUED			DESCRIPTION					
1	9	10	2	42	NA	44	NA	45	46	47	48			
PUBLICITY			ISSUED			DESCRIPTION			DESCRIPTION					
2	0	11	N	44	NA	45	46	47	48	49	50			

NAME OF PREPARER Ron Byrd

PHONE: _____

SUPPLEMENTARY INFORMATION TO
LER 82-156/03 L-0

Mississippi Power & Light Company
Grand Gulf Nuclear Station - Unit 1
Docket No. 50-416

Technical Specification Involved 4.8.1.1.3
Reported Under Technical Specification: 6.9.1.13.c

Event Narrative:

This is an update to a previous report submitted on December 31, 1982. The following paragraphs describe the event.

On December 4, 1982, diesel generator Surveillance Test 06-OP-1P75-M-0002 was attempted, and the Division II diesel failed to start. Upon investigation it was discovered that an overload device on the D.C. fuel oil pump had tripped. The D.C. motor-driven pump is nonessential for proper emergency operation of the diesel generator.

After the trip had been reset, the diesel started without incident. During performance of the test the diesel was intentionally shutdown due to fuel oil leaks in the area of the fuel injectors. It was found that the injector bleed plugs (vents) were leaking. The vent plugs had apparently not been tightened due to the maintenance start not being performed as required by 07-S-14-203. The plugs were tightened, and the diesel was started again. The surveillance test was completed (the diesel generator was started and loaded) without incident.

Neither incident is considered a valid failure to start based on positions C.2.e.2 and C.2.e.4 of Regulatory Guide 1.108, Revision 1. Therefore, the incidents do not count toward the number of failures per hundred listed in Technical Specification Table 4.8.1.1.2-1. However, as required by Technical Specification 4.8.1.1.3, the incidents are reportable pursuant to Technical Specification 6.9.1.13.b.

The diesel failure to start is attributed to personnel error. Preventive maintenance was performed prior to the event. The procedure, 07-S-14-203, requires cleaning and adjusting the Bendix FDX Series Diesel Fuel Injection Pump. A maintenance start is required prior to returning the diesel to service to verify proper operation. The work authorization was open at the time and the maintenance start was not done. Therefore, the fuel lines were not properly filled and vented to prime the pumps prior to the surveillance tests. This is a final report.

Previous Similar Events:

LER 82-131/03 L-0 (November 18, 1982, Division I Diesel Generator)