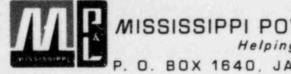
Attach							U.S. NUCLEAR REGUL TORY COMMISSION APPROVED OMB NO. 3150-0104 EXPIRES 8/31/85			
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ACILITY NAME (1)							DOCKET NUMBER		PAGE (3)	
Grand Gulf Nuclear	Station	- Unit	: 1				0 5 0 0	10 4 1 6	1 OF 012	
Loss of One Offsite	Power	Supply								
EVENT DATE (5) LER NUMBER (6) REPORT DATE (7) OTHER							FACILITIES INVOLVED (6)			
MONTH DAY YEAR YEAR	NUMBER	REVISION	MONTH DAY	YEAR FACILITY N			0 15 10 10 101 1 1			
				. t						
0 5 0 3 8 4 8 4	0 2 7	0 0	0601	8 4				0 15 10 10	10111	
OPERATING THIS REPORT I	IS SUBMITTED	PURSUANT TO	20.406(c)	NTE OF 10	CFR S: 10	60,73(a)(2)(iv)	of the following) (1	73.71(b)		
POWER 20.405(a)(1)(i) 50.35(a)(1) 50.73(a)(50.73(a)(2)(v)		73.71(e)		
(10) 01010 20.405(a)(50.38(c)(2)					OTHER (Specify in Abstract below and in Text, NRC Form				
20.408(a)(20.408(a))			50.73(a)(2)(i) 80.73(a)(2)(ii)		H	50.73(a)(2)(viii) 50.73(a)(2)(viii)		366A/		
20.408(a)		H	50.73(a)(2)(III)		H	50.73(e)(2)(x)				
		L	ICENSEE CONTACT	FOR THIS	LER (12)			TELEPHONE NUM	ABER	
NAMS							AREA CODE			
Ronald W. Byrd/Lice								413171-	-12111419	
	COMPLETE O	NE LINE FOR	EACH COMPONENT	FAILURE	DESCRIBE	D IN THIS REPO	T	1 1		
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YES (If yes, complete EXPECTED SUBMISSION DATE)						SUBMISS DATE (ION			
ABSTRACT (Limit to 1400 speces, i.e., epproxi		ngie spece type	1 1 1					1.1		
During adverse power from the the Division I started and er Auxiliary Buil power supply t	e 115KV 1 and Di nergized 1ding is	offsit vision their solation	e power su 3 ESF bus respection. The bus	apply. ses. ve bus ases w	Thi Both es.	ls result division There wa	ted in dee ns' diesel as also a	energizat l generat Division	ion of ors 1	
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Attachment to AECM-84/0294

U.S. NUCLEAR REGULAR REGUL							
FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
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Grand Gulf Nuclear Station - Unit 1	0 5 0 0 0 4 16	8 4 -	- 0 2 7	- 010	0 2 0 0 0 2		

On May 3, 1984, at 0058 hours, the offsite power supply to ESF transformer 12 from the 115KV line was lost during an electrical storm. The Division 1 and Division 3 buses which were being fed from ESF transformer 12 tripped on undervoltage. Both Division 1 and 3 diesel generators automatically started and energized their respective buses. There was also a Division 1 Auxiliary Building isolation and a Reactor Water Cleanup system isolation. The buses were paralleled to the 500KV offsite power supply via ESF transformers 21 and 11 to restore normal power. The reactor was in Hot Shutdown at the time of the occurrence due to the events reported in LER 84-024. There was no failure of onsite equipment which contributed to the event.



MISSISSIPPI POWER & LIGHT COMPANY Helping Build Mississippi P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

June 1, 1984

NUCLEAR PRODUCTION DEPARTMENT

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

Gen: 1emen:

SUBJECT: Grand Gulf Nuclear Station Unit 1 Docket No. 50-416 License No. NPF-13 File: 0260/L-835.0 Loss of One Offsite Power Supply LER 84-027-0 AECM-84/0294

Attached is Licensee Event Report (LER) 84-027-0 which is a final report.

Yours truly,

L. F. Dale

Director of Nuclear Licensing & Safety

EBS/SHH:rg Attachment

cc: Mr. J. B. Richard (w/a) Mr. R. B. McGehee (w/o) Mr. N. S. Reynolds (w/o) Mr. G. B. Taylor (w/o)

> Mr. Richard C. DeYoung, Director (w/a) Office of Inspection & Enforcement U. S. Nuclear Regulatory Commission Washington, D. C. 20555

Mr. J. P. O'Reilly, Regional Administrator (w/a) U. S. Nuclear Regulatory Commission Region II 101 Marietta St., N.W., Suite 2900 Atlanta. Ceorgia 30303

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