

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Grand Gulf Nuclear Station - Unit 1	DOCKET NUMBER (2) 050004116	PAGE (3) 1 OF 02
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TITLE (4)
Loss of One Offsite Power Supply

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)
05	03	84	84	027	00	06	01	84	NA		05000

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)

OPERATING MODE (9) 3	20.402(b)	20.408(e)	<input checked="" type="checkbox"/>	80.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 01010	20.408(a)(1)(i)	80.38(e)(1)	<input type="checkbox"/>	80.73(a)(2)(v)	73.71(e)
	20.408(a)(1)(ii)	80.38(e)(2)	<input type="checkbox"/>	80.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
	20.408(a)(1)(iii)	80.73(a)(2)(i)	<input type="checkbox"/>	80.73(a)(2)(viii)(A)	
	20.408(a)(1)(iv)	80.73(a)(2)(ii)	<input type="checkbox"/>	80.73(a)(2)(viii)(B)	
	20.408(a)(1)(v)	80.73(a)(2)(iii)	<input type="checkbox"/>	80.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME Ronald W. Byrd/Licensing Engineer	TELEPHONE NUMBER 601 437-2149
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COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS

SUPPLEMENTAL REPORT EXPECTED (14)

<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE) <input checked="" type="checkbox"/> NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
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ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

During adverse weather on May 3, 1984, a lightning strike caused a loss of power from the 115KV offsite power supply. This resulted in deenergization of the Division 1 and Division 3 ESF buses. Both divisions' diesel generators started and energized their respective buses. There was also a Division 1 Auxiliary Building isolation. The buses were paralleled to the 500KV offsite power supply to restore normal power.

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PDR ADOCK 05000416
S PDR

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NRC Form 366A
(9-83)

U.S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104
EXPIRES 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
Grand Gulf Nuclear Station - Unit 1	0500041684	0	27	00	02	OF 02

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

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
Washington, D. C. 20555

Gentlemen:

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)

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