

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)  
River Bend Station

DOCKET NUMBER (2)  
0 5 0 0 0 4 5 8

PAGE 3  
1 OF 0 4

TITLE (4)  
Inadvertent Start of Division I Diesel Generator

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)										
0	1	28	8	6	8	6	0	1	4	0	0	2	2	7	8	6	0	5	0	0	0
												0	5	0	0	0					

OPERATING MODE (8) 2

POWER LEVEL (10) 0 0 6

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

20.402(b)	20.406(a)	90.73(a)(2)(iv)	73.71(b)
20.406(a)(1)(i)	90.38(a)(1)	90.73(a)(2)(v)	73.71(a)
20.406(a)(1)(ii)	90.38(a)(2)	90.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
20.406(a)(1)(iii)	90.73(a)(2)(i)	90.73(a)(2)(vii)(A)	
20.406(a)(1)(iv)	90.73(a)(2)(ii)	90.73(a)(2)(vii)(B)	
20.406(a)(1)(v)	90.73(a)(2)(iii)	90.73(a)(2)(viii)	

LICENSEE CONTACT FOR THIS LER (12)

NAME  
Griff Finkenaur - Electrical Engineer

TELEPHONE NUMBER  
AREA CODE 5 0 4 6 3 5 - 6 0 9 4

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)  NO

EXPECTED SUBMISSION DATE (15)  
MONTH 0 DAY 5 YEAR 0 1 8 6

ABSTRACT (Limit to 1400 space, i.e., approximately fifteen single-space typewritten lines) (16)

On 01/28/86 at 1100 with the unit in startup during the performance of maintenance on a relay, an inadvertent Division I diesel generator and Standby Gas Treatment system initiation occurred. A review of the event determined that a current path had not been identified on the job plan. Investigation into the cause for this deficiency is ongoing. Once the root cause has been identified, corrective action will be taken. There were no safety consequences to the public as a result of this event. No safety related equipment became inoperable and Division II and III were not affected.

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PDR ADOCK 05000458  
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IE22  
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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)  River Bend Station	DOCKET NUMBER (2)  0   5   0   0   0   4   5   8   8   6	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		86	014	00	02	OF 04

TEXT (If more space is required, use additional NRC Form 368A's) (17)

Reported Condition

On 01/28/86 at 1100 with unit in operational condition 2 (startup) during the performance of Maintenance Work Request (MWR) 19011, an inadvertent start of two Engineered Safety Features was initiated. The MWR was written to repair relay 1E12A-K70A which had two stripped terminal block screws. When the wires to terminal B4 of the relay were lifted, an unexpected Loss of Coolant Accident (LOCA) signal was generated causing the Division I diesel generator and Standby Gas Treatment system to start. Work on MWR 19011 was immediately suspended.

Investigation

Lifting the wires terminated on terminal B4 of relay 1E12A-K70A interrupted the neutral "Daisy Chain" as indicated on Figure 1 (attached). The only available path to the neutral bus for the energized circuits was back through the coils of relays 1E12A-K125A, K126A, K109A, K94A, and K9A through the M1-R1 contact of relay 1E21A-K99 thus providing voltage to the coil on relay 1E12A-K110A which initiated an unexpected LOCA signal.

A review of MWR 19011 determined that the current path described above was not identified on the job plan. Investigation into the cause for this deficiency with the job plan is ongoing. Once the root cause has been identified, corrective action will be taken. Completion of this investigation is expected by 05/01/86 at which time a supplemental report will be provided.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		

TEXT (If more space is required, use additional NRC Form 388A's) (17)

Safety Assessment

No safety related equipment became inoperable due to this event and Divisions II and III were not effected. By automatically starting these two systems, the plant was placed in a more conservative condition and therefore, no safety consequences to the public resulted from the event.

FACILITY NAME (1)

DOCKET NUMBER (2)

LER NUMBER (6)

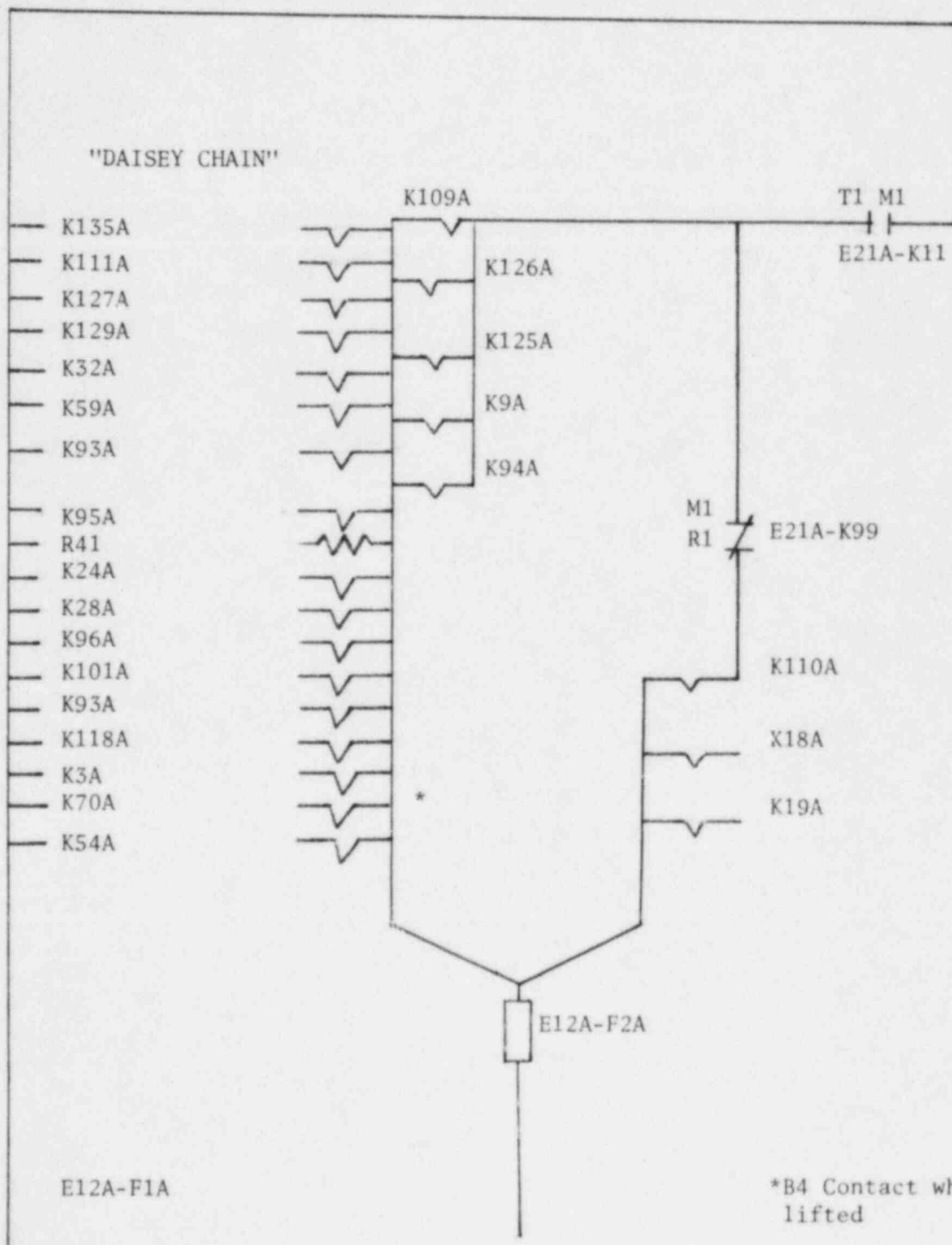
PAGE (3)

River Bend Station

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

FIGURE 1



\*B4 Contact which was lifted



**GULF STATES UTILITIES COMPANY**

RIVER BEND STATION POST OFFICE BOX 220 ST. FRANCISVILLE, LOUISIANA 70775

AREA CODE 504 835-6094 348-8651

February 28, 1986  
RBG- 23,310  
File Nos. G9.5, G9.25.1.3

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

Dear Sir:

River Bend Station - Unit 1  
Docket No. 50-458

Please find enclosed Licensee Event Report No. 86-014 for River Bend Station - Unit 1. This report is submitted pursuant to 10CFR50.73.

Sincerely,

*Eddie R. Grant*

for J. E. Booker  
Manager-Engineering,  
Nuclear Fuels & Licensing  
River Bend Nuclear Group

*ms*  
*BNV 1564*  
JEB/TFP/DRG/BEH/ebm

cc: U.S. Nuclear Regulatory Commission  
611 Ryan Plaza Drive, Suite 1000  
Arlington, TX 75011

INPO Records Center  
1100 Circle 75 Parkway  
Atlanta, GA 30339-3064

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