

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Grand Gulf Nuclear Station	DOCKET NUMBER (2) 0 5 0 0 0 4 1 6	PAGE (3) 1 OF 0 2
---	--------------------------------------	----------------------

TITLE (4)
Inadvertent Suppression Pool Makeup Actuation

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)														
1	0	0	2	8	4	8	4	0	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0

OPERATING MODE (9) 4	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 8: (Check one or more of the following) (11)	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>20.402(b)</td> <td><input checked="" type="checkbox"/></td> <td>50.73(a)(2)(iv)</td> <td>73.71(b)</td> </tr> <tr> <td>20.406(a)(1)(i)</td> <td><input type="checkbox"/></td> <td>50.73(a)(2)(v)</td> <td>73.71(e)</td> </tr> <tr> <td>20.406(a)(1)(ii)</td> <td><input type="checkbox"/></td> <td>50.73(a)(2)(vi)</td> <td>OTHER (Specify in Abstract below and in Text, NRC Form 365A)</td> </tr> <tr> <td>20.406(a)(1)(iii)</td> <td><input type="checkbox"/></td> <td>50.73(a)(2)(vii)(A)</td> <td></td> </tr> <tr> <td>20.406(a)(1)(iv)</td> <td><input type="checkbox"/></td> <td>50.73(a)(2)(vii)(B)</td> <td></td> </tr> <tr> <td>20.406(a)(1)(v)</td> <td><input type="checkbox"/></td> <td>50.73(a)(2)(viii)</td> <td></td> </tr> </table>	20.402(b)	<input checked="" type="checkbox"/>	50.73(a)(2)(iv)	73.71(b)	20.406(a)(1)(i)	<input type="checkbox"/>	50.73(a)(2)(v)	73.71(e)	20.406(a)(1)(ii)	<input type="checkbox"/>	50.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 365A)	20.406(a)(1)(iii)	<input type="checkbox"/>	50.73(a)(2)(vii)(A)		20.406(a)(1)(iv)	<input type="checkbox"/>	50.73(a)(2)(vii)(B)		20.406(a)(1)(v)	<input type="checkbox"/>	50.73(a)(2)(viii)	
20.402(b)	<input checked="" type="checkbox"/>	50.73(a)(2)(iv)	73.71(b)																							
20.406(a)(1)(i)	<input type="checkbox"/>	50.73(a)(2)(v)	73.71(e)																							
20.406(a)(1)(ii)	<input type="checkbox"/>	50.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 365A)																							
20.406(a)(1)(iii)	<input type="checkbox"/>	50.73(a)(2)(vii)(A)																								
20.406(a)(1)(iv)	<input type="checkbox"/>	50.73(a)(2)(vii)(B)																								
20.406(a)(1)(v)	<input type="checkbox"/>	50.73(a)(2)(viii)																								

LICENSEE CONTACT FOR THIS LER (12)

NAME Ronald Byrd/Licensing Engineer	TELEPHONE NUMBER
	AREA CODE

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) NO

EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR

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

During a routine time delay relay calibration, the Division 2 Suppression Pool Makeup (SPMU) system actuated and dumped water from the Upper Containment Pool to the Suppression Pool. The Upper Pool water level was lowered by approximately 2 feet before the dump valves were closed. The initiation was caused when the test was performed incorrectly due to two relays being labeled with the same identification number. The mislabeled relay was later labeled correctly. Other relays were inspected for correct labeling. No similar nonconformances were found.

IBZZ
111

8411090199 841029
PDR ADOCK 05000416
S PDR

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
Grand Gulf Nuclear Station - Unit 1	0 5 0 0 0 4 1 6	8 4	- 0 4 3	- 0 0	0 2	OF	0 2

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

On October 2, 1984, at 0945 hours, the Division 2 Suppression Pool Makeup (SPMU) system initiated and dumped water from the Upper Containment Pool into the Suppression Pool. The Upper Pool water level was lowered by approximately two feet before the dump valves were closed. The excess water that was dumped into the Suppression Pool was later transferred back to the Upper Pool.

The SPMU system was initiated during the performance of a routine time relay calibration. The test instructs the technician to remove relay 1E30-R12 at Panel 1H13-P872. However, the technicians were not aware that there were two relays in the panel labeled 1E30-R12. One was actually 1E30-R10. By removing the incorrect relay and leaving relay R12 still in the circuit a SPMU initiation was produced during performance of the test.

Research of maintenance records revealed no maintenance work on either of the relays. The cause of the mislabeling is uncertain. Relay R10 has been relabeled. System relays in Panel 1H13-P872 (Division 2) and Panel 1H13-P871 (Division 1) were inspected for proper identification. No other nonconformances were found.

Due to the design of the system, there were no safety implications as a result of the event. The suppression pool volume is designed to store the entire upper pool makeup volume with the normal suppression pool high water level without flooding over the weir wall into the drywell. Adequate water shielding is left over any fuel which may be in the temporary storage pool. The valve initiation logics are designed with interlocks to prevent automatic or manual opening while in the refueling mode.



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

October 29, 1984

NUCLEAR LICENSING & SAFETY 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
Inadvertent Suppression Pool Makeup
Actuation
LER 84-043-0
AECM-84/0502

Attached is Licensee Event Report (LER) 84-043-0 which is a final report.

Yours truly,

L. F. Dale
Director

EBS/SHH:vog
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, Georgia 30323

IE22
1/1