

Georgia Power Company
40 Inverness Center Parkway
Post Office Box 1195
Birmingham, Alabama 35201
Telephone 205 877-7122

C. K. McCoy
Vice President, Nuclear
Vogtle Project



August 24, 1992

ELV-03960
000543

Docket No. 50-425

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

Gentlemen:

VOGTLE ELECTRIC GENERATING PLANT
LICENSEE EVENT REPORT
CONTAINMENT VENTILATION ISOLATION
FROM RADIATION MONITOR FAILURE

In accordance with 10 CFR 50.73, Georgia Power Company (GPC) hereby submits the enclosed report related to an event which occurred on July 26, 1992.

Sincerely,

C.K. McCoy
C. K. McCoy

CKM/NJS

Enclosure: LER 50-425/1992-011

xc: Georgia Power Company
Mr. W. B. Shipman
Mr. M. Sheibani
NORMS

U. S. Nuclear Regulatory Commission
Mr. S. D. Ebner, Regional Administrator
Mr. D. S. Hood, Licensing Project Manager, NRR
Mr. B. R. Bonser, Senior Resident Inspector, Vogtle

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LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) VOGTLE ELECTRIC GENERATING PLANT - UNIT 2 DOCKET NUMBER (2) 05000425 PAGE (3) 1 OF 3

TITLE (4)
CONTAINMENT VENTILATION ISOLATION FROM RADIATION MONITOR FAILURE

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)	
MONTH	DAY	YEAR	YEAR	SEQ NUM	REV	MONTH	DAY	YEAR	FACILITY NAMES	DOCKET NUMBER(S)
07	26	92	92	011	00	08	24	92		05000

OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR (11)									
POWER LEVEL	100	20.402(b)	20.405(c)	X	50.73(a)(2)(iv)	73.71(b)					
		20.405(a)(1)(i)	50.36(c)(1)		50.73(a)(2)(v)	73.71(c)					
		20.405(a)(1)(ii)	50.36(c)(2)		50.73(a)(2)(vii)	OTHER (Specify in					
		20.405(a)(1)(iii)	50.73(a)(2)(i)		50.73(a)(2)(viii)(A)	Abstract below)					
		20.405(a)(1)(iv)	50.73(a)(2)(ii)		50.73(a)(2)(viii)(B)						
		20.405(a)(1)(v)	50.73(a)(2)(iii)		50.73(a)(2)(x)						

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
MEHDI SHEIBANI, NUCLEAR SAFETY AND COMPLIANCE	AREA CODE 706 826-3209

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORT TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORT TO NPRDS
B	IL	MON	W120	Y					

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)	NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
<input type="checkbox"/>	<input checked="" type="checkbox"/>				

ABSTRACT (16)

On July 26, 1992 at 0925 EDT, control room personnel observed a trouble alarm annunciate for containment area radiation monitor 2RE-0002, and various valves and dampers actuated via a containment ventilation isolation (CVI) signal. The personnel verified that all components actuated properly, then used redundant monitoring to determine that no abnormal radiation condition existed in the containment building. The signal from 2RE-0002 was blocked to prevent further actuations from this monitor, and the CVI signal was reset at 0941 EDT.

An investigation revealed that a count logic circuit board in the monitor's data processing module failed. The circuit board failure led to a system reset, which initiated an engineered safety feature actuation signal. The failed circuit board has been replaced.

LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (5)			PAGE (3)		
		YEAR	SEQ NUM	REV			
VOGTLE ELECTRIC GENERATING PLANT - UNIT 2	0 5 0 0 0 4 2 5	9 2	0 1 1	0 0	2	OF	3

TEXT

A. REQUIREMENT FOR REPORT

This report is required per 10 CFR 50.73 (a)(2)(iv) because an unplanned engineered safety feature (ESF) actuation occurred when the containment ventilation system isolated.

B. UNIT STATUS AT TIME OF EVENT

At the time of this event, Unit 2 was operating in Mode 1 (power operation) at 100 percent of rated thermal power. Other than that described herein, there was no inoperable equipment which contributed to the occurrence of this event.

C. DESCRIPTION OF EVENT

On July 26, 1992 at 0925 EDT, control room personnel observed a trouble alarm annunciate for containment area radiation monitor 2RE-0002, and various valves and dampers actuated via a containment ventilation isolation (CVI) signal. The personnel verified that all components properly actuated, then used redundant monitoring to determine that no abnormal radiation condition existed in the containment building. The signal from 2RE-0002 was blocked to prevent further actuations from this monitor, and the CVI signal was reset at 0941 EDT.

D. CAUSE OF EVENT

An investigation revealed that a count logic circuit board in the data processing module (DPM) failed. The circuit board failure was the cause of this event because it led to a system reset, which initiated an ESF actuation signal.

E. ANALYSIS OF EVENT

The appropriate valves and dampers actuated to their proper positions upon receipt of the CVI signal. Additionally, personnel verified that no abnormal radiation condition existed. Based on these considerations, there was no adverse impact on plant safety or the health and safety of the public as a result of this event.

F. CORRECTIVE ACTION

1. The failed circuit board was replaced.
2. The failed circuit board was returned to the manufacturer for failure analysis. The results of this analysis will be used to reduce future failures, as appropriate.

LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (5)			PAGE (3)		
		YEAR	SEQ NUM	REV			
VOGTLE ELECTRIC GENERATING PLANT - UNIT 2	0 5 0 0 0 4 2 5	9 2	0 1 1	0 0	3	OF	3

TEXT

G. ADDITIONAL INFORMATION

1. Failed Components:

Count logic circuit board manufactured by Westinghouse Electric Corporation.
Part No. 2440B41G04

2. Previous Similar Events:

LER 50-424/1987-021-01, dated April 7, 1988.
LER 50-425/1989-001, dated March 13, 1989.
LER 50-425/1989-028, dated November 14, 1989.
LER 50-425/1990-011, dated September 24, 1990.

Although these LERs address ESF actuations due to DPM failures, none of the events involved failure of a count logic board so that their corrective actions were not applicable to the prevention of the July 26, 1992, event.

3. Energy Industry Identification System Code:

Radiation Monitoring System - IL

Containment Isolation Control System - JM