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C. K. McCoy
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Georgia Power
the southern electric system

May 18, 1992

ELV-03764
000409

Docket No. 50-424

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

Gentlemen:

VOGTLE ELECTRIC GENERATING PLANT
LICENSEE EVENT REPORT
FUEL HANDLING BUILDING ISOLATION
DUE TO 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 May 2, 1992.

Sincerely,

C. K. McCoy

CKM/NJS

Enclosure: LER 50 424/1992-003

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

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

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NRC Form 366 (6-89) | U.S. NUCLEAR REGULATORY COMMISSION | APPROVED OMB NO. 3150-0104 EXPIRES: 4/30/92

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)	DOCKET NUMBER (2)	PAGE (3)
VOGTLE ELECTRIC GENERATING PLANT - UNIT 1	0 5 0 0 0 4 2 4	1 OF 3

TITLE (4)
FUEL HANDLING BUILDING ISOLATION DUE TO 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)
									VEGP - UNIT 2	0 5 0 0 0 4 2 5
0 5	0 2	9 2	9 2	0 0 3	0 0	0 5	1 8	9 2		0 5 0 0 0

OPERATING MODE (9)	1	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR (11)					
POWER LEVEL	1 0 0	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 Abstract below)
		20.405(a)(1)(iii)	50.73(a)(2)(i)		50.73(a)(2)(viii)(A)		
		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	
	AREA CODE	
MEHDI SHEIBANI, NUCLEAR SAFETY AND COMPLIANCE	706	826-3209

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORT TO NPRDS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORT TO NPRDS	

SUPPLEMENTAL REPORT EXPECTED (14)

		EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
YES (If yes, complete EXPECTED SUBMISSION DATE)	X NO				

ABSTRACT (16)

On May 2, 1992 at 1340 EDT, a high level radiation alarm annunciated for fuel handling building (FHB) area radiation monitors ARE-2532 A & B, and a FHB isolation occurred. The normal ventilation system isolated, and the post-accident filter system actuated as designed. Control room personnel verified that no valid radiation condition existed to cause the isolation and placed monitors ARE-2532 A & B in block. Radiation monitors ARE-2533 A & B were placed in service to perform the FHB area monitoring function. At 1416 EDT, the post-accident filter units were shut down, and at 1419 EDT the normal ventilation system was returned to service.

Although the direct cause of the event was a power reset of the monitors' data processing module (DPM), troubleshooting has been unable to identify the root cause. Performance monitoring will continue until May 18, 1992. If no further problems are found, the monitors will be returned to service.

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 1	0 5 0 0 0 4 2 4	9 2	0 0 3	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 fuel handling building (FHB) normal ventilation isolated and the post-accident filter system actuated.

B. UNIT STATUS AT TIME OF EVENT

At the time of this event, Unit 1 was in Mode 1 (power operation) at 100 percent of rated thermal power (RTP). Unit 2 was in Mode 5 (cold shutdown) at 0 percent RTP with the reactor coolant system (RCS) at 128 degrees F and 0 psig. Other than that described herein, there was no inoperable equipment which contributed to the occurrence of this event.

C. DESCRIPTION OF EVENT

On May 2, 1992 at 1340 EDT, a high level radiation alarm annunciated for FHB area radiation monitors ARE-2532 A & B, and a FHB isolation occurred. The normal ventilation system isolated, and the post-accident filter system actuated as designed. Control room personnel verified that no valid radiation condition existed to cause the isolation and placed monitors ARE-2532 A & B in block. Radiation monitors ARE-2533 A & B were placed in service to perform the FHB area monitoring function. At 1416 EDT, the post-accident filter units were shut down, and at 1419 EDT the normal ventilation system was returned to service.

D. CAUSE OF EVENT

Although the direct cause of the event was a power reset of the monitors' data processing module (DPM), troubleshooting was unable to identify any problems with the DPM and the root cause of this event is unknown at this time.

E. ANALYSIS OF EVENT

The FHB normal ventilation system isolated and the post-accident filter system actuated as designed to seal the FHB from the outside environment. This provides assurance that plant systems would have responded as required had an abnormal radiation condition actually existed. Based on this consideration, there was no adverse effect on plant safety or on the health and safety of the public as a result of this event.

TEXT

F. CORRECTIVE ACTIONS

1. Troubleshooting was performed to determine the root cause for the power reset of the radiation monitor's DPM. No specific problem has been found, and the monitor has been operating correctly since the failure on May 2, 1992.

2. Performance monitoring will continue through May 18, 1992. If no further problems are found, the monitor will be returned to service.

G. ADDITIONAL INFORMATION

1. Failed Components

   Not known at this time.

2. Previous Similar Events

   LER 50-424/1991-014, dated December 20, 1991.
   Corrective actions from this LER were not applicable to the prevention of the May 2, 1992, event.

3. Energy Industry Identification System Code

   Radiation Monitoring System - IL
   Fuel Handling Building HVAC System - VG