

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)
EDWIN I. HATCH, UNIT I

DOCKET NUMBER (2)
0 5 0 0 0 3 2 1

PAGE (3)
1 OF 0 1 1

TITLE (4)
PERSONNEL ERROR DURING TROUBLESHOOTING BLOWS FUSE RESULTING IN MULTIPLE ESF ACTIVATION

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	5	2	2	8	6	8	6	0	2	5	0	0	0	6	2	0	8	6	E. I. HATCH, UNIT II	0	5	0	0	0	3	6	6

OPERATING MODE (9) 1

POWER LEVEL (10) 0 1 4 5

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

<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.406(e)	<input checked="" type="checkbox"/> 80.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)
<input type="checkbox"/> 20.408(a)(1)(ii)	<input type="checkbox"/> 80.36(e)(1)	<input type="checkbox"/> 80.73(a)(2)(v)	<input type="checkbox"/> 73.71(e)
<input type="checkbox"/> 20.408(a)(1)(iii)	<input type="checkbox"/> 80.36(e)(2)	<input type="checkbox"/> 80.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text. NRC Form 366A)
<input type="checkbox"/> 20.408(a)(1)(iv)	<input type="checkbox"/> 80.73(a)(2)(i)	<input type="checkbox"/> 80.73(a)(2)(viii)(A)	
<input type="checkbox"/> 20.408(a)(1)(v)	<input type="checkbox"/> 80.73(a)(2)(ii)	<input type="checkbox"/> 80.73(a)(2)(viii)(B)	
<input type="checkbox"/> 20.408(a)(1)(vi)	<input type="checkbox"/> 80.73(a)(2)(iii)	<input type="checkbox"/> 80.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME: Raymond D. Baker, Nuclear Licensing Manager - Hatch

TELEPHONE NUMBER: 4 0 4 5 2 6 1 - 7 1 0 1 1 6

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)

On 5/22/86 at approximately 1820 CDT, with Units 1 and 2 at 1096 and 2059 Mwt respectively, (45% and 85% of rated thermal power) contractor personnel troubleshooting the Drywell Wide Range Radiation Monitor (2D11K621A) inadvertently touched an oscilloscope lead to the wrong electrical terminal, thereby blowing a fuse. The blown fuse removed power from the torus and drywell inboard ventilation valves trip logic and the Standby Gas Treatment (SBGT) and ventilation logic circuitry. De-energizing these circuits caused the following to occur: closure of the inboard isolation valves on the hydrogen/oxygen analyzer and Fission Products Monitor; trip and isolation of the reactor building and refueling floor ventilation for both units; start of SBGT fans 1A (Unit 1) and 2A (Unit 2); trip signal initiation to the torus and drywell ventilation inboard isolation valves.

The fuse was replaced at approximately 1850 CDT and all systems were returned to normal. The event's root cause was contractor personnel error. Appropriate personnel were instructed to take greater care when working in electrical panels.

The Engineered Safety Features (ESFs) actuation caused by the fuse failure had no effect on plant safety. All affected ESFs responded per design. There are no previous similar occurrences.

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L. T. Gucwa
Manager Nuclear Safety
and Licensing



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June 20, 1986

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

Attached is Licensee Event Report 50-321/1986-025. This report meets the reporting requirements of 10 CFR 50.73(a)(2)(iv).

Sincerely,

L. T. Gucwa

LGB/lc

Enclosure

c: Georgia Power Company
Mr. J. P. O'Reilly
Mr. J. T. Beckham, Jr.
Mr. H. C. Nix, Jr.
GO-NORMS

Nuclear Regulatory Commission
Dr. J. N. Grace, Regional Administrator
Senior Resident Inspector

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