

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) PLANT VOGTLE - UNIT 1										DOCKET NUMBER (2) 0 5 0 0 0 4 2 4										PAGE (3) 1 OF 0 4																																
TITLE (4) INADEQUATE REVIEWS OF SPECIAL CONDITION SURVEILLANCE LOGS LEAD TO MISSED SURVEILLANCES																																																				
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 1			2 3			8 7			8 7			0 7 0			0 1			0 7 1 1			8 8																0 5 0 0 0															
1 1			2 3			8 7			8 7			0 7 0			0 1			0 7 1 1			8 8																0 5 0 0 0															
OPERATING MODE (9) 1									THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §. (Check one or more of the following) (11)																																											
POWER LEVEL (10) 1 0 0									20.402(b)									20.405(c)									50.73(a)(2)(iv)									73.71(b)																
									20.405(a)(1)(i)									50.38(c)(1)									50.73(a)(2)(v)									73.71(c)																
									20.405(a)(1)(ii)									50.38(c)(2)									50.73(a)(2)(vii)									OTHER (Specify in Abstract below and in Text, NRC Form 366A)																
									20.405(a)(1)(iii)									X 50.73(a)(2)(i)									50.73(a)(2)(viii)(A)																									
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20.405(a)(1)(v)									50.73(a)(2)(iii)									50.73(a)(2)(ix)																																		
LICENSEE CONTACT FOR THIS LER (12)																																																				
NAME W. E. Burns, Nuclear Licensing Manager - Vogtle																				TELEPHONE NUMBER AREA CODE 4 0 4 5 6 - 7 0 1 4																																
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																																																				
CAUSE			SYSTEM			COMPONENT			MANUFACTURER			REPORTABLE TO NPDs			CAUSE			SYSTEM			COMPONENT			MANUFACTURER			REPORTABLE TO NPDs																									
SUPPLEMENTAL REPORT EXPECTED (14)																				EXPECTED SUBMISSION DATE (15)										MONTH			DAY			YEAR																
YES (If yes, complete EXPECTED SUBMISSION DATE)																				NO																																

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

On November 22, 1987 at 1240 CST, the Quadrant Power Tilt Ratio (QPTR) was calculated and found to be within its allowable limit. Per Technical Specification (T.S.) 4.2.4.1, the QPTR is to be calculated every twelve (12) hours when the QPTR alarm is inoperable. As the alarm was inoperable on November 22, 1987, the next calculation was to be performed at 0040 CST on November 23, 1987 (0340 CST allowing a maximum 25 percent time extension). The next calculation was completed at 0415 CST on November 23, 1987, thirty-five (35) minutes after the expiration of the maximum allowable time extension.

On December 2, 1987 at 1208 CST, the alarm was still inoperable when the QPTR was calculated. Per T.S. 4.2.4.1, the QPTR was to be calculated by 0008 CST on December 3, 1987. A QPTR was calculated by 0311 CST, 3 minutes after the expiration of the maximum allowable extension of the surveillance interval.

The cause of this event is inadequate reviews of the Special Condition Surveillance Logs per procedure 14000-1, "Operation Shift and Daily Surveillance Logs" by the control room supervisory personnel. Corrective action includes counseling of the personnel involved.

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104  
EXPIRES: 8/31/88

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
PLANT VOGTLE - UNIT 1	0500042487	0	70	01	02	OF 04

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

## A. REQUIREMENT FOR REPORT

This report is required per 10 CFR 50.73 (a)(2)(i) because a required Technical Specification (T.S.) surveillance was not performed within the allowable maximum time extension of the surveillance interval.

## B. UNIT STATUS AT TIME OF EVENT

Unit 1 was in Mode 1, at 100 percent rated thermal power (RTP) on November 23, 1987. At the time of the December 3, 1987 event, Unit 1 was in Mode 1, at 65 percent RTP.

The Quadrant Power Tilt Ratio (QPTR) monitor alarm was declared inoperable on November 3, 1987. The alarm was returned to service on February 17, 1988.

## C. DESCRIPTION OF EVENT

Technical Specification Surveillance Requirement 4.2.4.1 states:

"The QUADRANT POWER TILT RATIO shall be determined to be within the limit above 50% of RATED THERMAL POWER by:

- a. Calculating the ratio at least once per 7 days when the alarm is OPERABLE, and
- b. Calculating the ratio at least once per 12 hours during steady-state operation when the alarm is inoperable".

Since the alarm has been inoperable since November 3, 1987, the QPTR is calculated every 12 hours. Including the maximum allowable surveillance extension of 25 percent, the calculations (per T.S. 4.0.2) can be performed at up to a 15 hour surveillance interval.

On November 22, 1987 at 1240 CST, the QPTR was calculated and found to be within its limit. It was subsequently calculated and determined to be within its limit at 0415 CST on November 23, 1987, which was 15 hours and 35 minutes from the previous calculation (35 minutes outside of its maximum allowable surveillance extension). Control room personnel, reviewing the Special Condition Surveillance Logs at 1250 CST on November 23, 1987, discovered that the QPTR was completed late. An operations memo was written concerning this event and placed in the operations file.

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/88

FACILITY NAME (1)  PLANT VOGTLE - UNIT 1	DOCKET NUMBER (2)  0 5 0 0 0 4 2 4 8 7 - 0 7 0 - 0 1	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			

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

On December 2, 1987 at 1208 CST, the QPTR was calculated and found to be within its limit. Control room personnel reviewing the Special Condition Surveillance Log at 0305 CST on December 3, 1987, discovered that the QPTR calculation had not yet been performed. The QPTR was calculated and determined to be within its limit at 0311 CST. Since this was 15 hours and 3 minutes from the previous calculation, the calculation was completed 3 minutes after the expiration of the maximum allowable surveillance interval extension. The QPTR alarm was repaired and returned to service on February 17, 1988.

## D. CAUSE OF EVENT

The cause of these events is the failure of the control room supervisory personnel to become aware of the mandatory time requirements for the T.S. surveillances required to be performed during their respective shifts resulting from their review of the Special Condition Surveillance Log.

## E. ANALYSIS OF EVENT

The following is a listing of the QPTR's calculated for these events.

<u>DATE</u>	<u>TIME</u>	<u>QPTR</u>
November 22, 1988	1240 CST	1.010
November 23, 1987	0415 CST	1.012
December 2, 1987	1208 CST	1.016
December 3, 1987	0311 CST	1.011

There are no indications that the QPTR exceeded the T.S. limit of 1.02. Based on this consideration, there was no adverse affect on plant safety or public health and safety.

## F. CORRECTIVE ACTIONS

1. The control room supervisory personnel involved were counseled regarding the importance of performing T.S. surveillances within their allowable time intervals, as well as the need to perform meticulous log reviews.

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/88

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2. Procedure 14000-1, "Operation Shift and Daily Surveillance Logs", has been revised to require a check of QPTR alarm operability during each shift. If the alarm is inoperable, plant operators are referred to procedure 14915-1, "Special Conditions Surveillance Logs". Procedure 14915-1 requires a QPRT calculation to be performed twice every 24 hrs. followed by a supervisory review and signoff.

## G. ADDITIONAL INFORMATION

1. Failed Components  
None
2. Energy Industry Identification System  
Nuclear Instrumentation System - IG
3. Previous Similar Events

There are no other similar events where surveillances were missed because supervisory personnel did not understand the required time intervals.

Several other LER's discuss surveillances which were conducted outside allowable maximum extensions of the surveillance interval. These LER's concerned events where the piece of equipment was not listed, which is not the same as the QPTR event. These LER's are:

LER 424/87-043-00 Containment Pressure Surveillance  
LER 424/87-046-00 Waste Gas Decay Tank Surveillance  
LER 424/87-053-00 ASME Section XI Valve Testing

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Nuclear Operations Department



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July 11, 1988

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

PLANT VOGTLE - UNIT 1  
NRC DOCKET 50-424  
OPERATING LICENSE NPF-68  
LICENSEE EVENT REPORT  
INADEQUATE REVIEW OF SPECIAL CONDITION  
LOGS LEAD TO MISSED SURVEILLANCES

Gentlemen:

In accordance with the requirements of 10 CFR 50.73(a)(2)(i), Georgia Power Company hereby submits a revised Licensee Event Report (LER) concerning missed surveillances.

Sincerely,

W. G. Hairston, III  
Senior Vice President,  
Nuclear Operations

PAH/lm

Enclosure: LER 50-424/1987-070-01

c: (see next page)

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U. S. Nuclear Regulatory Commission  
July 11, 1988  
Page Two

c: Georgia Power Company  
Mr. P. D. Rice  
Mr. G. Bockhold, Jr.  
GO-NORMS

U. S. Nuclear Regulatory Commission  
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Mr. J. B. Hopkins, Licensing Project Manager, NRR (2 copies)  
Mr. J. F. Rogge, Senior Resident Inspector-Operations, Vogtle

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