

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Sequoyah, Unit 1										DOCKET NUMBER (2) 0 5 0 0 0 3 2 7 1 OF 0 2										PAGE (3) 1 OF 0 2									
TITLE (4) Main Control Room Isolation																													
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 Sequoyah, Unit 2										DOCKET NUMBER (5) 0 5 0 0 0 3 2 8										
0	9	0	6	8	5	8	5	0	3	7	0	0	0	9	2	7	8	5	0 5 0 0 0										
OPERATING MODE (9) 15		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)																											
POWER LEVEL (10) 0 1 0 0		20.402(b)				20.405(c)				XX				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)(vi)				OTHER (Specify in Abstract below and in Text: NRC Form 366A)											
		20.405(a)(1)(iii)				50.73(a)(2)(i)								50.73(a)(2)(vii)(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)(ix)															
NAME Glenn Duggin, Compliance Section Engineer										TELEPHONE NUMBER 6 1 5 8 7 0 - 6 5 4 8																			
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																													
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPD		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPD																			
SUPPLEMENTAL REPORT EXPECTED (14)										EXPECTED SUBMISSION DATE (15)										MONTH DAY YEAR									
YES (If yes, complete EXPECTED SUBMISSION DATE)										XX NO																			

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

A main control room (MCR) ventilation isolation occurred due to a spike on radiation monitor (RM)-90-125. The RM recorder chart showed a down-scale spike as well as an up-scale spike. The fact that the recorder spiked in both directions indicates that the RP-30 module (RM controller) was either placed in the "TRIP REF" mode or had a momentary loss of power. No work was being performed on this monitor at the time, and no indications of power loss were discovered. The RM was checked and returned to service, and the MCR ventilation system was realigned and reset. No equipment problems were discovered, and all engineered safety features (ESF) equipment actuated as required for this event.

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
Sequoyah, Unit 1	0500032785	-	037	-	00	02	OF 02

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

Unit 1 was in mode 5 (0 percent power, 0 psig, 98 degrees F), and unit 2 was in mode 5 (0 percent power, 310 psig, 137 degrees F) during this event.

At 1440 CST on September 6, 1985, a main control room (MCR) ventilation isolation occurred due to a spike on radiation monitor (RM)-90-125. The operator responded to the annunciator, determined that the isolation was not caused by high radiation, and reset the isolation signal. The operator then realigned the ventilation system to normal. All equipment and personnel performed and responded as expected. There were no malfunctions discovered during the response to the isolation.

The RM recorder chart showed a down-scale spike as well as an up-scale spike. The fact that the recorder spiked in both directions indicates that the RP-30 module (RM controller) was either placed in the "TRIP REF" mode or had a momentary loss of power. No work was being performed on this monitor at the time, and no indications of power loss were discovered. The RP-30 module is located with the RM in a separate room beside the MCR. The RM was checked immediately after the isolation, and no one was nearby; however, someone may have put the RP-30 module in the "TRIP REF" mode. The mode switch is a spring-return-to-normal switch; therefore, there was no indication of tampering. The RM was returned to service by performance of Surveillance Instruction (SI)-204, "Functional Tests for Radiation Monitoring System."

There were no radiation levels above background, and no personnel in the MCR received any radiation above normal. There was no effect on public health and safety.

Previous occurrences - five - SQRO-50-327/84004, 84039, 84050, 84062, and 85021.

TENNESSEE VALLEY AUTHORITY

Sequoyah Nuclear Plant  
Post Office Box 2000  
Soddy Daisy, Tennessee 37379

September 30, 1985

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

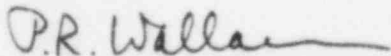
Gentlemen:

TENNESSEE VALLEY AUTHORITY - SEQUOYAH NUCLEAR PLANT UNIT 1 - DOCKET NO.  
50-327 - FACILITY OPERATING LICENSE DPR-77 - REPORTABLE OCCURRENCE REPORT  
SQRO-50-327/85037

The enclosed licensee event report provides details concerning the inadvertent main control room isolation due to a spike on a radiation monitor. This event is reported in accordance with 10 CFR 50.73, paragraph a.2.iv.

Very truly yours,

TENNESSEE VALLEY AUTHORITY



P. R. Wallace  
Plant Manager

Enclosure  
cc (Enclosure):

J. Nelson Grace, Regional Administrator  
U.S. Nuclear Regulatory Commission  
Suite 2900  
101 Marietta Street, NW  
Atlanta, Georgia 30323

Records Center  
Institute of Nuclear Power Operations  
Suite 1500  
1100 Circle 75 Parkway  
Atlanta, Georgia 30339

NRC Inspector, NUC PR, Sequoyah

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