

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Sequoyah, Unit 1										DOCKET NUMBER (2) 0 5 0 0 0 3 2 7										PAGE (3) 1 OF 0 2	
TITLE (4) Failure To Obtain A Noble Gas Sample																					
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 6	0 1	8 5	8 5	0 2 5	0 0				Sequoyah, Unit 2			0 5 0 0 0 3 2 8									
OPERATING MODE (9) 5			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)			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 and in Text, NRC Form 366A)									
			20.405(a)(1)(iii)			XX 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 Glenn E. Duggin, Compliance Section Engineer										TELEPHONE NUMBER AREA CODE 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 NPRDS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS											
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 chemical laboratory analyst failed to collect a noble gas sample every eight hours as required by technical specifications. The Service Building radiation monitor (0-RM-90-132) was declared inoperable on May 28, 1985, at 1010 CST. Plant technical specifications require a noble gas sample to be taken every eight hours. On June 1, 1985, the 1810 CST sample was not taken until 2055 CST, thereby going over the time limit by 2 hours and 45 minutes. No radiation levels above normal were detected in the previous sample at 1010 CST or the sample taken at 2055 CST. There were no abnormal levels of radiation in the Service Building during this event, and there was no effect on public health or safety.

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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	0 5 0 0 0 3 2 7 8 5	—	0 2 5	—	0 0 0	2 OF	0 2

TEXT (If more space is required, use additional NRC Form 368A's) (17)

Unit 1 was in mode 5 (0 percent power, 10 psig, 139 degrees F) and unit 2 was in mode 1 (100 percent power, 2235 psig, 578 degrees F) during this event.

A chemical laboratory analyst failed to collect a noble gas sample every eight hours as required by plant technical specifications. The Service Building radiation monitor (0-RM-90-132) was declared inoperable on May 28, 1985, at 1010 CST. The plant technical specifications require a noble gas sample to be taken every eight hours while the monitor is inoperable for up to 30 days or suspend all releases. On June 1, 1985, the 1810 CST sample was not taken until 2055 CST, thereby going over the time limit by 2 hours and 45 minutes. The sample was taken immediately upon discovery, and the original sample schedule was resumed. No radiation levels above normal were found in the previous sample at 1010 CST, in the sample taken at 2055 CST, or in the next scheduled sample at 0210 CST on June 2, 1985. The Service Building contains the plant shop areas. The only normal potential sources of radiation for the Service Building is the chemical laboratory itself and any leakage through the personnel doors in the Auxiliary Building. There were no abnormal levels of radiation in the Service Building during this event, and there was no effect on public health or safety.

The inoperable monitor was listed on the duty sheet that was reviewed by the analyst at the beginning of the shift. The chemistry laboratory shift supervisor reminded the analyst of the inoperable monitor and the sample requirements at 2045 CST, when he realized that the analyst had not taken the sample. The analyst immediately took a sample at 2055 CST and the next originally scheduled time at 0210 CST. The analyst either did not notice the monitor listed on the duty sheet or simply became involved in his normal shift duties and forgot to take the sample. The technical specification time requirements during periods of inoperability of the effluent radiation monitors has been discussed with the appropriate chemistry laboratory personnel. Surveillance Instruction (SI)-415, "Gaseous Effluent Requirements" is the document used to record the samples on data sheets and schedule the necessary sampling. The SI was available for performance at the required times. There was no procedural inadequacy involved in this event. This event is considered to be an isolated event and no further corrective action is necessary.

No previous occurrences in 1985.

TENNESSEE VALLEY AUTHORITY

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

July 1, 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-50-327/85025

The enclosed licensee event report provides details concerning the failure to obtain a noble gas sample within the required time. This event is reported in accordance with 10 CFR 50.73, paragraph a.2.i.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

*P. R. Wallace*

P. R. Wallace  
Plant Manager

Enclosure  
cc (Enclosure):

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NRC Inspector, NUC PR, Sequoyah

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