

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Sequoyah, Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 3 2 7 1	PAGE (3) 1 OF 0 2
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TITLE (4)
Failure to Comply with Appendix R of 10 CFR 50

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 7	2 7	8 4	8 4	0 4 6	0 0 0	8 1	0 8	8 4	Sequoyah, Unit 2		0 5 0 0 0 3 2 8
									0 5 0 0 0 0 0 0 0		

OPERATING MODE (9) 1	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 50. (Check one or more of the following) (11)									
POWER LEVEL (10) 1 0 0	20.402(b)	20.408(c)	50.73(a)(2)(iv)	73.71(b)						
	20.408(a)(1)(i)	50.38(a)(1)	50.73(a)(2)(v)	73.71(a)						
	20.408(a)(1)(ii)	50.38(a)(2)	50.73(a)(2)(vi)	XX OTHER (Specify in Abstract below and in Text, NRC Form 366A)						
	20.408(a)(1)(iii)	50.73(a)(2)(i)	50.73(a)(2)(viii)(A)							
	20.408(a)(1)(iv)	50.73(a)(2)(ii)	50.73(a)(2)(viii)(B)							
20.408(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(x)								

LICENSEE CONTACT FOR THIS LER (12)

NAME Michael R. Cooper, Compliance Section Engineer	TELEPHONE NUMBER 6 1 5 8 7 0 1 - 1 6 1 4 1 6
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COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS

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)

Following an inspection of various safety-related systems at Sequoyah, interactions were found that were not in compliance with Appendix R of 10 CFR 50. Fire watches have been established as required per action statement of Technical Specification 3.7.12 and will continue until compliance with Appendix R can be made. This report is required per license condition 2.H, 10 CFR 50.73 (a)(2)(ii) and special report requirements of Technical Specification 3.7.12.

There was no effect on public health or safety.

Previous occurrences - none.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) Sequoyah, Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 3 2 7	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 4	0 4 6	0 0	0 2	OF	0 2

TEXT (If more space is required, use additional NRC Form 388A's (17))

After the issuance of further guidance from NRC in the form of generic letters and workshops, and as a result of findings by Watts Bar personnel made in preparation for the Watts Bar Appendix R inspection, Sequoyah assigned a project leader to investigate Sequoyah Nuclear Plant's compliance with Appendix R.

Following the Watts Bar inspection, a meeting was held at Sequoyah with the various TVA organizations involved in Appendix R, and responsibilities and a plan were developed to evaluate our Appendix R program. A field walkdown at Sequoyah of the specific Watts Bar cable interactions was performed. This involved three teams of electrical and fire protection engineers devoting approximately 800 manhours over a six-day period. The team concentrated on the principal safety systems, such as auxiliary feedwater, diesel generators, shutdown boards, reactor coolant system makeup. Interactions were found that involved power feeds from the 6900V shutdown board to the 480V shutdown transformers, redundant divisions of ERCW pump, fire pump, component cooling water pumps, auxiliary feedwater pumps and pressurizer heaters. No interactions were found involving the charging pumps.

Technical Specification 3.7.12 action statement was implemented for each specific finding and was reported in accordance with license condition 2.H and 10 CFR 50.72 (b)(1)(ii)(a). This action required establishment of a roving fire watch in areas with fire detection and a dedicated fire watch in areas without fire detection. The potential for interaction throughout the safety-related areas of the plant was acknowledged, so two additional roving fire watches have been established to cover safety-related areas of the auxiliary building, ERCW pumping station, and diesel generator building.

Corrective Actions

An implementation schedule for corrective actions will be submitted to the NRC on January 1, 1985. The fire watches established will remain in effect until full compliance with the requirements of Appendix R can be achieved.

TENNESSEE VALLEY AUTHORITY

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

August 10, 1984

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

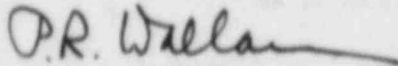
Gentlemen:

TENNESSEE VALLEY AUTHORITY - SEQUOYAH NUCLEAR PLANT UNIT 1 - DOCKET NO.
50-327 - FACILITY OPERATING LICENSE DPR-77 - REPORTABLE OCCURRENCE REPORT
SQRO-50-327/84046

The enclosed licensee event report provides details concerning noncompliance with Appendix R of 10 CFR 50. This event is reported in accordance with 10 CFR 50.73, paragraph (a)(2)(ii).

Very truly yours,

TENNESSEE VALLEY AUTHORITY



P. R. Wallace
Plant Manager

Enclosure
cc (Enclosure):

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NRC Inspector, NUC PR, Sequoyah

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