

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Sequoyah, Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 3 2 7 1	PAGE (3) OF 0 3
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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 8	1 5	8 4	8 4	0 4	9 0	0 0	0 8	2 9	Sequoyah, Unit 2		0 5 0 0 0 3 2 8
											0 5 0 0 0

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

OPERATING MODE (9) 1	20.402(b)	20.405(c)	50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 1 10 10	20.406(a)(1)(i)	50.38(c)(1)	50.73(a)(2)(v)	73.71(e)
	20.406(a)(1)(ii)	50.38(c)(2)	50.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 365A)
	20.406(a)(1)(iii)	50.73(a)(2)(i)	50.73(a)(2)(vii)(A)	
	20.406(a)(1)(iv)	50.73(a)(2)(ii)	50.73(a)(2)(viii)(B)	
	20.406(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME Michael R. Cooper, Compliance Section Engineer	TELEPHONE NUMBER 6 1 5 8 7 0 - 6 1 4 6
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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)

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 additional inspections 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 - one - SQRO-50-327/84046

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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

Inspections at Sequoyah Nuclear Plant have identified the following additional items of non-compliance with Appendix R of 10 CFR 50. These inspections are part of an ongoing project to ensure compliance with Appendix R.

1. Interactions exist between train 'A' and train 'B' at elevation 749, in the 1A 480V transformer room. Train 'A' consists of (1) 480 shutdown and emergency transformers 1A1-A, 1A2-A, 1A-A, and (2) 480V cables (1PL4975A, 1PL4978A) from the 1A1-A and 1A2-A 480V shutdown boards to the diesel generator auxiliary boards 1A1-A and 1A2-A; train 'B' consists of 480V cables (1PL4982B, 1PL4985B) from the 1B1-B and 1B2-B 480V shutdown boards to the diesel generator auxiliary boards 1B1-B and 1B2-B.
2. Interactions exist between train 'A' and train 'B' at elevation 749 in the 2B 480V transformer room. Train 'A' consists of 480V cables (2PL4975A, 2PL4978A) from the 2A1-A and 2A2-A 480V shutdown boards to the diesel generator auxiliary boards 2A1-A and 2A2-A. Train 'B' consists of (1) 480V shutdown and emergency transformers 1B1-B, 1B2-B, and 1B-B, and (2) 480V cables (2PL4982B, 2PL4985B) from the 2B1-B and 2B2-B 480V shutdown boards to the diesel generator auxiliary boards 2B1-B and 2B2-B.
3. Interactions exist between train 'A' and train 'B' at elevation 759.0 in the unit 1 control rod equipment room. Train 'A' consists of (1) 480V cables (1PL4975A, 1PL4978A) from the 1A1-A and 1A2-A 480V shutdown boards to the diesel generator auxiliary boards 1A1-A and 1A2-A, (2) 6.9kV cables (PP350A, PP351A, PP470A, PP471A) from the diesel generators 1A-A and 2A-A to 6.9kV shutdown board 1A-A and 2A-A, and (3) 6.9kV cables (1PP800A, 2PP800A) from shutdown boards 1A-A and 2A-A to pressurizer heater transformers 1A-A and 2A-A. Train 'B' consists of 480V cables (1PL4982B, 1PL4985B) from the 1B1-B and 1B2-B 480V shutdown boards to the diesel generator auxiliary boards 1B1-B and 1B2-B.
4. Interactions exist between train 'A' and train 'B' at elevation 759 of the unit 2 control rod drive equipment room. Train 'A' consists of 480V cables (2PL4975A, 2PL4978A) from the 2A1-A and 2A2-A 480V shutdown boards to the diesel generator auxiliary boards 2A1-A and 2A2-A. Train 'B' consists of (1) 480V cables (2PL4982B, 2PL4985B) from the 2B1-B and 2B2-B 480V shutdown boards to the diesel generator boards 2B1-B and 2B2-B, and (2) 6.9kV cables (PP590B, PP591B, PP710B, PP711B, 1PP820B, 2PP820B) from shutdown boards 1B-B and 2B-B to diesel generators 1B and 2B and pressurizer heater transformers 1B-B and 2B-B.
5. Interactions exist between cables at elevation 749 in the 480V reactor MOV board room 2A. With less than 20-foot separation, a fire in that room could take out the 2A 480V reactor MOV board and the supplies to the pressurizer heater transformers 1B-B and 2B-B as well as the supplies for the 6.9kV shutdown boards 1B-B and 2B-B from the diesel generators.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104
EXPIRES: 8/31/85

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

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.

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 29, 1984

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

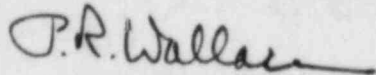
Gentlemen:

TENNESSEE VALLEY AUTHORITY - SEQUOYAH NUCLEAR PLANT UNIT 1 - DOCKET NO.
50-327 - FACILITY OPERATING LICENSE DPR-77 - REPORTABLE OCCURRENCE REPORT
SQRO-50-327/84049

The enclosed licensee event report provides details concerning non-compliance 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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