

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Sequoyah, Unit 2	DOCKET NUMBER (2) 0 5 0 0 0 3 2 8	PAGE (3) 1 OF 0 2
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TITLE (4)
 Conduit Penetrating a Fire Barrier Without Being Sealed

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 1 3 0	8 5	8 5	—	0 0 3	—	0 2 1 3	8 5		Sequoyah, Unit 1		0 5 0 0 0 3 2 7
									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)		50.36(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)		50.73(a)(2)(i)		50.73(a)(2)(viii)(A)					
	20.405(a)(1)(iv)		XX 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 6 1 5 8 7 0 - 6 5 4 8
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COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS

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)

Personnel working in the plant discovered electrical conduit passing through fire barriers that were not sealed on both sides of the fire barriers. A fire watch had already been established in the affected areas from previous 10 CFR 50 Appendix R requirements. This fire watch satisfies requirements per the action statement of technical specification 3.7.12 and will remain in effect until full compliance with Appendix R can be achieved. 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. This report covers events reported by telecopy to NRC on January 31, 1985.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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

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

Personnel working in the plant discovered electrical conduit passing through fire barriers that were not sealed on both sides of the fire barriers. The fire protection plan requires sealant to be installed in either end of a conduit termination or in the nearest available conduit box on each side of the fire barrier. NUREG-0800 requires openings inside conduit to be sealed at the fire barrier penetration or at both ends. A fire watch had already been established in the affected areas from previous 10 CFR 50 Appendix R requirements. This condition was discovered at 1200C on January 30, 1985, while unit 1 was in mode 1 (100 percent power, 2235 psig, 578 degrees F) and unit 2 was in mode 1 (100 percent power, 2235 psig, 578 degrees F).

The typical drawing has a note which states that the conduit should be sealed after November 1, 1979. A typical drawing is a drawing that shows typical general installation design criteria that applies to all installations of a particular component. The actual drawing should provide the same information as the typical plus specific installation details (location) to correctly install each specific conduit in the plant. The actual drawings that show the conduit do not contain any requirements to seal the conduit. As far as can be ascertained, the conduit has never been sealed since the construction of the plant. Unsealed conduit discovered are 55 conduits going through fire barriers in the unit two penetration room, one conduit in the emergency gas treatment room, and one conduit in the 125V vital battery room II. Most of the conduit is not sealed on either side of the fire barrier. Further efforts to find unsealed conduit and to seal the conduit found will be covered under the Appendix R Program at Sequoyah.

The fire watch satisfies requirements per the action statement of technical specification 3.7.12 and will remain in effect until full compliance with Appendix R and the fire protection plan can be achieved. 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. This report covers events reported by telecopy to NRC on January 31, 1985.

There was no effect on public health or safety.

This is the first report on fire protection that involves unsealed conduit.

TENNESSEE VALLEY AUTHORITY

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

February 13, 1985

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

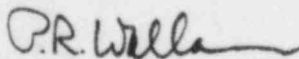
Gentlemen:

TENNESSEE VALLEY AUTHORITY - SEQUOYAH NUCLEAR PLANT UNIT 2 - DOCKET NO.
50-328 - FACILITY OPERATING LICENSE DPR-79 - REPORTABLE OCCURRENCE REPORT
SQRO-50-328/85003

The enclosed licensee event report and special report provide details concerning the discovery of electrical conduit penetrating a fire barrier without being sealed on both sides of the fire barrier. This event is reported in accordance with 10 CFR 50.73, paragraph a.2.ii, special report requirements of technical specification 3.7.12, and license condition 2.H of the unit 2 operating license.

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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