NRC Form 366
(9-83)

U.S. NUCLEAR REGULATORY COMMISSION
APPROVED OMB NO. 3150-0104
EXPIRES: 8/31/85

LICENSEE EVENT REPORT (LER)

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

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 5 0 0 0
0 4	1 3	8 5	8 5	-	0 1 8	- 0 1	0 4	1 5	8 6		0 5 0 0 0

OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)			
1		20.402(b)	20.405(c)	50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10)		20.405(a)(1)(i)	50.36(c)(1)	50.73(a)(2)(v)	73.71(c)
0 3 7		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	TELEPHONE NUMBER
	AREA CODE
Heyward R. Rogers, Compliance Section Engineer	6 1 5 8 7 0 - 6 1 4 7

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)

During an inspection of conduit to ensure compliance with the fire program requirements for sealant, three conduits were found 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 in accordance with the action statement of Technical Specification 3.7.12 and will remain in effect until full compliance with the fire protection plan can be achieved. This report is required in accordance with 10 CFR 50.73, paragraph a.2.ii and special report requirements of Technical Specification 3.7.12.

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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 1 8	— 0 1	0 2 OF 0 2

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

This event occurred with unit 1 in mode 1 (37 percent power, 2238 psig and 558 degrees F). The fire protection plan requires that sealant 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 specifies that openings inside conduit be sealed at the fire barrier penetration or at both ends. A plan has been implemented to find and seal any unsealed conduit. During implementation of this investigation, three conduits were found on April 13, 1985, and immediately sealed.

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 but should have been sealed at Auxiliary Building elevation 734 (coordinate A-2 and U line) in the 1A 480 volt Containment and Auxiliary Building Ventilation Board Room. Further efforts to find unsealed conduit and to seal the conduit will be complete on June 30, 1987. This report is required by 10 CFR 50.73 paragraph, a.2.ii and the special report requirements of Technical Specification 3.7.12. There was no effect on public health and safety.

There was one previous occurrence (SQRO-50-328/85003).

TENNESSEE VALLEY AUTHORITY
Sequoyah Nuclear Plant
Post Office Box 2000
Soddy-Daisy, Tennessee 37379

April 17, 1986

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-50-327/85018 REVISION 1

The enclosed revised 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 and special report requirements of Technical Specification 3.7.12.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

O.R. Wallace

P. R. Wallace
Plant Manager

Enclosure
cc (Enclosure):

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NRC Inspector, Sequoyah Nuclear Plant

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