

LICENSEE EVENT REPORT (LER)

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

TITLE (4)
Conduits Found Penetrating A Fire Barrier Without Being Sealed Due To A Design Error In Drawings

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 NAME(S)	DOCKET NUMBER(S)	
04	13	85	85	018	02	06	26	87	Sequoyah, Unit 2	0 5 0 0 0 3 2 8	

OPERATING MODE (9) 1 THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5. (Check one or more of the following) (11)

POWER LEVEL (10) <u>0 3 7</u>	20.402(b)	20.405(c)	50.73(a)(2)(iv)	73.71(b)
	20.403(a)(1)(i)	50.38(c)(1)	50.73(a)(2)(v)	73.71(c)
	20.405(a)(1)(ii)	50.39(c)(2)	50.73(a)(2)(vii)	OTHER (Specify in Contract 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)	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)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME H. R. Rogers, Plant Operations Review Staff TELEPHONE NUMBER 6 1 5 8 7 0 - 7 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)

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)

This LER is revised in its entirety to change the completion date for the corrective action and to change the LER to the new format.

On April 13, 1985, at 1300 CST with unit 1 in mode 1, it was discovered by plant personnel performing a conduit inspection in accordance with commitments made in LER SQRO-50-328/85003 that three conduits in the 1A 480 volt Control and Auxiliary Building ventilation board room were not sealed as required by the plant's fire protection plan. No immediate operator action was required since a fire watch already existed in the area. The root cause of this event was determined to be inadequate conduit drawings. The drawings failed to address sealing of conduits. The drawings were revised to add a note that requires the conduit to be sealed. The effort to locate unsealed conduit is continuing. The conduits that need to be sealed will be completed by August 31, 1987. This report was required in accordance with License Condition 2.H, 10 CFR 50.73, paragraph a.2.ii, and special report requirements of Technical Specification 3.7.12.

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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 8 5 - 0 1 8 - 0 2	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
					0 2	OF 0 2

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

DESCRIPTION OF EVENT

This LER is revised in its entirety to change the completion date for the corrective action and to change the LER to the new format.

On April 13, 1985, at 1300 CST with unit 1 in mode 1 (37 percent power, 2238 psig pressure, 558 degrees F), it was discovered by plant personnel performing a conduit inspection in accordance with commitments made in LER SQRO-50-328/85003 that three conduits in the 1A 480 volt Control and Auxiliary Building ventilation board room (EIIIS Code VA) were not sealed as required by NUREG-0800 and the plant's fire protection plan. No immediate operator action was required since a fire watch had already been established in the area.

CAUSE OF EVENT

The root cause of this event was inadequate drawings. The typical drawings have a note which states that the conduit should be sealed after November 1, 1979. Typical drawings show general installation design criteria that applies to all installations of a particular component. The actual drawing should provide the same information as the typical drawing plus specific installation details (locations) to correctly install each specific conduit in the plant. The actual drawings that show these conduits do not contain any requirements to seal them. As far as can be ascertained, the conduits have never been sealed.

ANALYSIS OF EVENT

This report was required in accordance with License Condition 2.H, 10 CFR 50.73, paragraph a.2.ii, and special report requirements of Technical Specification (TS) 3.7.12. The purpose of the sealant is to block the propagation of smoke and hot gases. Had a fire occurred before the installation of the sealant, smoke and hot gases would be able to propagate through the conduits to other areas. This would not spread the fire, but the fire fighting activities could be inhibited. The potential existed that some minor smoke damage could have occurred to the plant equipment in the event of a fire, and plant fire fighting personnel could have been affected by the smoke and hot gases.

CORRECTIVE ACTION

The three conduits were sealed. The conduit drawings have been revised to add a note that requires the conduit to be sealed at both ends or at the fire barrier. The effort to locate unsealed conduit is continuing. Due to the number of unsealed conduits found and the associated work to seal the conduits, the completion date is being revised to August 31, 1987, to complete the sealing effort. No further action is required.

ADDITIONAL INFORMATION

Previous occurrence of unsealed conduits - One - SQRO-50-328/85003.

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

June 30, 1987

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

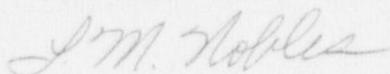
Gentlemen:

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 2

The enclosed revised licensee event report provides additional details and corrective actions concerning conduits penetrating a fire barrier without being sealed due to a design error in drawings. This event was previously reported in accordance with 10 CFR 50.73, paragraph a.2.ii, on May 10, 1985.

Very truly yours,

TENNESSEE VALLEY AUTHORITY



L. M. Nobles
Plant Manager

Enclosure
cc (Enclosure):

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