

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Sequoyah, Unit 1										DOCKET NUMBER (2) 0 5 0 0 0 3 2 7 1 OF 0 3										PAGE (3) 1 OF 0 3																					
TITLE (4) Technical Specification Surveillance Interval Exceeded Due To An Incomplete Work Package																																									
EVENT DATE (5) MONTH DAY YEAR 1 0 2 7 8 7									LER NUMBER (6) YEAR SEQUENTIAL NUMBER REVISION NUMBER 8 7 - 0 6 8 - 0 0									REPORT DATE (7) MONTH DAY YEAR 1 1 1 9 8 7									OTHER FACILITIES INVOLVED (8) FACILITY NAMES DOCKET NUMBER(S) Sequoyah, Unit 2 0 5 0 0 0 3 2 8														
OPERATING MODE (9) 5									THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5. (Check one or more of the following) (11)																																
POWER LEVEL (10) 0 0 0									20.402(b) 20.405(a)(1)(i) 20.405(a)(1)(ii) 20.405(a)(1)(iii) 20.405(a)(1)(iv) 20.405(a)(1)(v)									20.405(c) 50.36(e)(1) 50.36(e)(2) 50.73(a)(2)(i) 50.73(a)(2)(ii) 50.73(a)(2)(iii)									50.73(a)(2)(iv) 50.73(a)(2)(v) 50.73(a)(2)(vii) 50.73(a)(2)(viii)(A) 50.73(a)(2)(viii)(B) 50.73(a)(2)(ix)									73.71(b) 73.71(c) OTHER (Specify in Abstract below and in Text, NRC Form 366A)					
LICENSEE CONTACT FOR THIS LER (12)																																									
NAME B. E. Kilgore, Plant Operations Review Staff															TELEPHONE NUMBER AREA CODE 6 1 5 8 7 0 - 7 0 8 7																										
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)																									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)

On October 27, 1987, with units 1 and 2 in mode 5 (0 percent power, 3 psig, 120 degrees F and 0 percent power, 5 psig, 120 degrees F, respectively), it was discovered during a final review of a surveillance instruction work package that a data sheet (one page) was missing from the completed surveillance instruction. As a result, related fire alarm and annunciation equipment for zone 198 (125 volt battery board room II) exceeded its technical specification surveillance interval. The event was caused by a personnel error in the Electrical Maintenance group in that they did not verify that the surveillance requirements were satisfied during performance of the subject Surveillance Instruction (SI)-234.6. However, once it was determined that the subject data was not performed, a special performance package was issued, and the fire alarms and annunciators were successfully tested. Personnel involved and responsible for approved work packages will be counseled as to the importance of verifying (pages present and latest revision) that all work packages satisfy surveillance requirements. Administrative Instruction (AI)-4, "Preparation, Review, Approval and Use of Site Procedures/Instructions," will be revised to provide requirements for verification of correct and complete instructions.

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/86

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
Sequoyah, Unit 1	0500032787	87	068	000	2	OF 03

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

## DESCRIPTION OF EVENT

On October 27, 1987, with units 1 and 2 in mode 5 (0 percent power, 3 psig, 120 degrees F and 0 percent power, 5 psig, 120 degrees F, respectively), it was discovered during a final review by Electrical Maintenance of Surveillance Instruction (SI)-234.6 that data sheet 2 (page 150) was missing from the completed work package. As a result, the fire alarm and annunciator (EIIS Code IC) located on panel 617 (Auxiliary Building, elevation 734, 480 volt shutdown board room) which provides indication for zone 198 (125 volt battery board room II) was not tested within the 6-month interval required by Technical Specification (TS) Surveillance Requirement (SR) 4.3.3.8.1. The 125 volt battery board room is common to both units 1 and 2.

## CAUSE OF EVENT

The event resulted when Electrical Maintenance personnel failed to verify that the performance package of SI-234.6 was complete. As a result, the scheduled operability check of zone 198 fire alarms and annunciators was not performed within the TS required time interval. Operability of the zone 198 fire alarms and annunciators located on panel 617 was last verified on March 5, 1987.

Further review of this event has indicated that a management system was not in place to ensure that (1) a complete work package is available for use upon issuance and (2) a complete package exists upon completion of the work. Specifically, AI-4, "Preparation, Review, Approval and Use of Site Procedures/Instructions," did not identify these elements.

## ANALYSIS OF EVENT

This event is reportable under 10 CFR 50.73, paragraph a.2.i.B, as an operation prohibited by the plant's TSs. As soon as it was discovered that the zone 198 fire alarms and annunciators were not functionally tested within the required 6-month time interval, a special performance package was performed by the Electrical Maintenance group, and the subject fire alarms and annunciators were successfully tested. Including the allowable 25-percent time interval extension allowed by TS 4.0.7, the special test of the zone 198 fire alarms and annunciators was performed eight days after the TS due date. Since the subject alarms and annunciators were successfully tested at that time, there is a high confidence level that the zone 198 fire alarms and annunciators were operable during the entire surveillance interval and capable of performing their design function. Zone 198 does not automatically initiate the fire suppression system in the vital battery board room II, it alerts Operations, who has to manually open isolation valves, to initiate the fire suppression. Fire suppression in the zone 198 area was operable during the entire surveillance interval.

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		8 7	0 6 8	0 0	0 3	OF	0 3

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

## CORRECTIVE ACTION

Immediately upon the discovery that the zone 198 fire alarms and annunciators were not tested within the required time interval, a special performance package was issued, and the subject fire alarms and annunciators were successfully tested. Electrical Maintenance personnel involved and responsible for ensuring that work packages satisfy SRs will be counseled as to the importance of verifying that all work packages have been properly completed by December 30, 1987. AI-4 will be revised to provide requirements for verification of correct and complete instructions by January 4, 1988.

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

November 19, 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-50-327/87068

The enclosed licensee event report provides details concerning a technical specification surveillance interval that was exceeded due to a incomplete work package. This event was reported in accordance with 10 CFR 50.73, paragraph a.2.i.B.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

  
S. J. Smith  
Plant Manager

Enclosure  
cc (Enclosure):

J. Nelson Grace, Regional Administrator  
U. S. Nuclear Regulatory Commission  
Suite 2900  
101 Marietta Street, NW  
Atlanta, Georgia 30323

Records Center  
Institute of Nuclear Power Operations  
Suite 1500  
1100 Circle 75 Parkway  
Atlanta, Georgia 30339

NRC Inspector, Sequoyah Nuclear Plant