

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Sequoyah, Unit 1										DOCKET NUMBER (2) 0 5 0 0 0 3 2 7										PAGE (3) 1 OF 2																																																	
TITLE (4) ESF Actuation Start of Diesel Generators																																																																					
EVENT DATE (5) MONTH DAY YEAR 0 7 0 5 8 4										LER NUMBER (6) YEAR SEQUENTIAL NUMBER REVISION NUMBER 8 4 0 4 4 0 0 0 8 0 3 8 4										REPORT DATE (7) MONTH DAY YEAR 0 7 0 5 8 4										OTHER FACILITIES INVOLVED (8) FACILITY NAMES DOCKET NUMBER(S) 0 5 0 0 0 0																																							
OPERATING MCJE (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)										20.406(c)										XX 50.73(a)(2)(iv)										73.71(b)																													
										20.406(a)(1)(i)										50.36(c)(1)										50.73(a)(2)(iv)										73.71(c)																													
										20.406(a)(1)(ii)										50.36(c)(2)										50.73(a)(2)(vii)										OTHER (Specify in Abstract below and in Text, NRC Form 386A)																													
										20.406(a)(1)(iii)										50.73(a)(2)(i)										50.73(a)(2)(viii)(A)																																							
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LICENSEE CONTACT FOR THIS LER (12)																																																																					
NAME M. R. Cooper, Compliance Section Engineer																				TELEPHONE NUMBER AREA CODE 6 1 5 8 7 0 - 6 1 4 6																																																	
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																																																																					
<table border="1"><thead><tr><th>CAUSE</th><th>SYSTEM</th><th>COMPONENT</th><th>MANUFACTURER</th><th>REPORTABLE TO NRC</th><th>CAUSE</th><th>SYSTEM</th><th>COMPONENT</th><th>MANUFACTURER</th><th>REPORTABLE TO NRC</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>																														CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC																														
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SUPPLEMENTAL REPORT EXPECTED (14)																				EXPECTED SUBMISSION DATE (15)										MONTH DAY YEAR																																							
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)																				<input checked="" type="checkbox"/> NO																																																	

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

During performance of SI-7, "Electrical Power Systems: Diesel Generators", the 1A-A diesel generator was started by a safety injection actuation start signal as required by the test. The 43T (L) switch was returned to the normal position from the test position prior to resetting of the safety injection signal. This condition resulted in automatic start of the remaining three (3) diesel generators.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

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 4	—	0 4 4	—	0 0	0 2	OF 0 2

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

Unit 1 in mode 1 at 100% power, 2235 psig, 578 degrees F.

Unit 2 in mode 1 at 100% power, 2235 psig, 556 degrees F.

The performance of a monthly surveillance was being performed on diesel generator (D/G) 1A-A with a simulated loss of offsite signal being used to start the diesel. The control room assistant unit operator (AUO) was sent to the logic panels to place the 43T (L) switch to the test position and verify the amber light. At this time, the unit operator (UO) went to the auxiliary instrument room and established communications with the UO in the control room. The 43T (L) switch was again verified to be in the test position, and then the SI test switch, 5828, was placed in test. This provided the safety injection test signal and started 1A-A D/G. After the D/G start, communications were lost between the control room and the auxiliary instrument room. The operator thought the SI test switch had been reset, and therefore told the AUO to place the 43T (L) switch to the normal position. This placed the common emergency start signal to all D/Gs and resulted in the start of all remaining D/Gs (1BB, 2AA, 2BB).

This event occurred due to a personnel error due to failure of the UO to verify the removal of the test signal prior to returning the 43T (L) switch to the normal position. Emphasis will be given to operators during training on following procedures.

Previous occurrences in 1984 - none.

TENNESSEE VALLEY AUTHORITY

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

August 3, 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-50-327/84044

The enclosed licensee event report provides details concerning inadvertent engineered safety features (ESF) actuation of three diesel generators during surveillance testing. This event is reported in accordance with 10 CFR 50.73, paragraph a.2.iv.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

P. R. Wallace
P. R. Wallace
Plant Manager

Enclosure
cc (Enclosure):

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NRC Inspector, NUC PR, Sequoyah

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