

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 0 2
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TITLE (4)
ESF Actuation Start of Diesel Generators

EVENT DATE (6)			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)																																																										
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<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">OPERATING MC JE (9)</td> <td style="width:15%;">1</td> <td colspan="10">THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)</td> </tr> <tr> <td rowspan="6">POWER LEVEL (10) 1 0 0</td> <td></td> <td>20.402(b)</td> <td></td> <td>20.406(c)</td> <td><input checked="" type="checkbox"/></td> <td>50.73(a)(2)(iv)</td> <td></td> <td>73.71(b)</td> </tr> <tr> <td></td> <td>20.406(a)(1)(i)</td> <td></td> <td>50.36(c)(1)</td> <td></td> <td>50.73(a)(2)(v)</td> <td></td> <td>73.71(c)</td> </tr> <tr> <td></td> <td>20.406(a)(1)(ii)</td> <td></td> <td>50.36(c)(2)</td> <td></td> <td>50.73(a)(2)(vii)</td> <td></td> <td rowspan="4">OTHER (Specify in Abstract below and in Text, NRC Form 365A)</td> </tr> <tr> <td></td> <td>20.406(a)(1)(iii)</td> <td></td> <td>50.73(a)(2)(i)</td> <td></td> <td>50.73(a)(2)(viii)(A)</td> <td></td> </tr> <tr> <td></td> <td>20.406(a)(1)(iv)</td> <td></td> <td>50.73(a)(2)(ii)</td> <td></td> <td>50.73(a)(2)(viii)(B)</td> <td></td> </tr> <tr> <td></td> <td>20.406(a)(1)(v)</td> <td></td> <td>50.73(a)(2)(iii)</td> <td></td> <td>50.73(a)(2)(ix)</td> <td></td> </tr> </table>												OPERATING MC JE (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)	<input checked="" type="checkbox"/>	50.73(a)(2)(iv)		73.71(b)		20.406(a)(1)(i)		50.36(c)(1)		50.73(a)(2)(v)		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 365A)		20.406(a)(1)(iii)		50.73(a)(2)(i)		50.73(a)(2)(viii)(A)			20.406(a)(1)(iv)		50.73(a)(2)(ii)		50.73(a)(2)(viii)(B)			20.406(a)(1)(v)		50.73(a)(2)(iii)		50.73(a)(2)(ix)	
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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
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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)

<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)	<input checked="" type="checkbox"/> NO	EXPECTED SUBMISSION DATE (15) MONTH: DAY: YEAR:
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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

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		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

J.M. Hobbes
for
P. R. Wallace
Plant Manager

Enclosure
cc (Enclosure):

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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, NUC PR, Sequoyah

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