

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)
Emergency Gas Treatment System Inoperable

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 1	3 1	8 5	8 5	0 0 7	0 0 0	3 0	1 8	5	Sequoyah, Unit 2		0 5 0 0 0 3 2 8
											0 5 0 0 0

OPERATING MODE (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	<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.405(c)	<input type="checkbox"/> 50.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)	
	<input type="checkbox"/> 20.405(a)(1)(i)	<input type="checkbox"/> 50.36(c)(1)	<input type="checkbox"/> 50.73(a)(2)(v)	<input type="checkbox"/> 73.71(c)		
	<input type="checkbox"/> 20.405(a)(1)(ii)	<input type="checkbox"/> 50.36(c)(2)	<input type="checkbox"/> 50.73(a)(2)(vii)			
	<input type="checkbox"/> 20.405(a)(1)(iii)	<input checked="" type="checkbox"/> 50.73(a)(2)(i)	<input type="checkbox"/> 50.73(a)(2)(viii)(A)			
	<input type="checkbox"/> 20.405(a)(1)(iv)	<input type="checkbox"/> 50.73(a)(2)(ii)	<input type="checkbox"/> 50.73(a)(2)(viii)(B)			
	<input type="checkbox"/> 20.405(a)(1)(v)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(ix)			

LICENSEE CONTACT FOR THIS LER (12)

NAME Robert C. Birchell, Compliance Section Engineer	TELEPHONE NUMBER 6 1 1 5 8 1 7 0 1 - 1 6 1 6 4 4
AREA CODE	

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
X	B	H	I F I U B	5 6 1 9 NO					

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)

On January 31, 1985, at 1155 CST, while attempting to stroke time an essential raw cooling water (ERCW) valve by starting the B-B emergency gas treatment system (EGTS) room cooler, the room cooler would not start due to a blown control fuse. This made train 'B' EGTS inoperable with backup power (diesel generator 2A-A) to train 'A' inoperable due to surveillance testing. This condition required entry into LCO 3.0.3 and is reportable per 10 CFR 50.73 (a)(2)(i).

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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

Unit 1 was in mode 1 at 100 percent reactor power, 2238 psig, 578 degrees F.
 Unit 2 was in mode 1 at 100 percent reactor power, 2238 psig, 578 degrees F.

On January 31, 1985, at 1155 CST, while performing Surveillance Instruction (SI) 166.21, "Full Stroking of the Common ERCW and CCS Category 'A' and 'B' Valves During Operation," it was discovered that the 'B' train EGTS room cooler would not start. The SI was being performed to time the full stroke travel for ERCW valve 2-FCV-67-338, 'B' train EGTS room cooler cooling water valve, by starting the room cooler and allowing the ERCW valve to open. At the same time that SI-166.21 was being performed, diesel generator 2A-A was inoperable due to the performance of SI-102, "Inspection of Diesel Generators." This resulted in 'B' train EGTS being inoperable and the backup power supply to 'A' train EGTS being inoperable. This condition required entry into LCO 3.0.3. Investigation of 'B' train EGTS revealed a blown control fuse in the control circuit of the room cooler. This fuse also controls the ERCW cooling water valve.

The blown fuse was replaced and the system declared operable at 1205 CST on January 31, 1985. The failure was attributed to normal degradation of the fuse.

The room cooler was cycled several times, and the valve stroke time was measured to ensure proper operation.

There was no effect on public health or safety.

Previous occurrences - none.

TENNESSEE VALLEY AUTHORITY

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

March 1, 1985

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

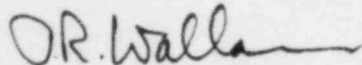
Gentlemen:

TENNESSEE VALLEY AUTHORITY - SEQUOYAH NUCLEAR PLANT UNIT 1 - DOCKET NO.
50-327 - FACILITY OPERATING LICENSE DPR-77 - REPORTABLE OCCURRENCE REPORT
SQRO-50-327/85007

The enclosed licensee event report provides details concerning the
emergency gas treatment system being inoperable due to a blown fuse.
This event is reported in accordance with 10 CFR 50.73, paragraph a.2.i.

Very truly yours,

TENNESSEE VALLEY AUTHORITY



P. R. Wallace
Plant Manager

Enclosure
cc (Enclosure):

James P. O'Reilly, Director
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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