

## 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)

Reactor Trip

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	5	10	84	03	2	0	6	01			0 5 0 0 0

OPERATING MODE (2) 1	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)									
	20.402(b)	20.405(c)	X	50.73(a)(2)(iv)	73.71(b)					
	20.405(a)(1)(i)	50.36(c)(1)		50.73(a)(2)(v)	73.71(e)					
	20.405(a)(1)(ii)	50.36(c)(2)		50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 365A)					
	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 Glenn B. Kirk, Compliance Section Engineer	TELEPHONE NUMBER
	6 1 5 8 7 0 - 6 1 4 6

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)	X NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR

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

On 05/10/84 at 2322 CST, with unit 1 in mode 1 (553 degrees F, 2240 psig) at 30% reactor power, a reactor trip occurred on low feedwater flow coincident with low steam generator level in the number 2 steam generator.

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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 3 2	—	0 0	0 2	OF 0 2

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

On 05/10/84 at 2225 CST, the number 2 steam generator feedwater flow transmitter, 1-FT-3-48A, was declared inoperable and its associated bistables were tripped at 2309 CST as required by technical specifications. The low pressure feedwater heaters later isolated due to high level resulting in low pressure suction to the 1A main feedwater pump. With the bistables to 1-FT-3-48A tripped, one-half of the automatic trip logic for low feedwater flow coincident with low steam generator level was already made up on the number 2 steam generator. With unit 1 in mode 1 at 30% reactor power (553 degrees F, 2240 psig), the reactor tripped on low feedwater flow coincident with low steam generator level at 2322 CST when the number 2 steam generator level fell to 25%. All other equipment and personnel responded as expected during the event.

Investigation of the low pressure feedwater heaters high level isolations revealed a leaking air line supplying the number 7 heater drain tank level control valve, 1-LCV-6-109A. Investigation of the feedwater flow transmitter 1-FT-3-48A failure revealed dirty contacts in the loop square root converter. The air line to 1-LCV-6-109A was repaired, and the square root converter contacts were cleaned.

There was no effect on public health or safety. This has been the first reactor trip on low feedwater flow coincident with low steam generator level for 1984.

TENNESSEE VALLEY AUTHORITY

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

June 1, 1984

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

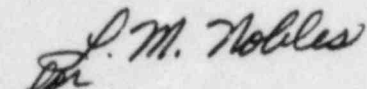
Gentlemen:

TENNESSEE VALLEY AUTHORITY - SEQUOYAH NUCLEAR PLANT UNIT 1 - DOCKET NO.  
50-327 - FACILITY OPERATING LICENSE DPR-77 - REPORTABLE OCCURRENCE REPORT  
SQRO-50-327/84032

The enclosed licensee event report provides details concerning a reactor trip from 30% reactor power. This event is reported in accordance with 10 CFR 50.73, paragraph a.2.iv.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

  
C. C. Mason

Power Plant Superintendent

Enclosure  
cc (Enclosure):

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NRC Inspector, NUC PR, Sequoyah

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