

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)  
Sequoyah, Unit 1

DOCKET NUMBER (2)

0 5 0 0 0 3 2 7 1 OF 0 2

PAGE (3)

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	11	8	4	033	00	06	05	8	4	0 5 0 0 0

OPERATING MODE (9)	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)									
1	20.402(b)		20.405(e)		X	50.73(a)(2)(iv)		73.71(b)		
POWER LEVEL (10)	20.405(a)(1)(i)		50.36(c)(1)			50.73(a)(2)(v)		73.71(c)		
01211	20.405(a)(1)(iii)		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)(x)				

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
Glenn B. Kirk, Compliance Section Engineer	615 870-6146

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		
X	S	B	F	C	V	-	C	6	3	5	Y

SUPPLEMENTAL REPORT EXPECTED (14)

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

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

During a normal startup on 05/11/84 at 1400 CST, unit 1 experienced an automatic reactor trip on low-low level in the number 2 steam generator following a turbine trip. Just prior to the event, unit 1 was in mode 1 (554 degrees F, 2235 psig) at 21% reactor power.

IE22  
1/1

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES 8/31/85

FACILITY NAME (1)  Sequoyah, Unit 1	DOCKET NUMBER (2)  0500032784	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		84	033	00	02	OF	02

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

During a normal reactor startup following a reactor trip on 05/10/84 (see SQRO-50-327/84032), unit 1 experienced another reactor trip. Just prior to the event which occurred at 1400 CST on 05/11/84, unit 1 was in mode 1 (554 degrees F, 2235 psig) at 21% reactor power with steam generator level controls in manual.

Steam dump valve 1-FCV-1-107 spuriously opened resulting in swell of steam generator levels. This action resulted in a high-high level in the number 3 steam generator which caused a turbine trip and main feedwater isolation to all four steam generators. The transient then resulted in shrink of steam generator levels causing a reactor trip on low-low level in steam generator number 2. All equipment and personnel responded as expected and the unit stabilized at 547 degrees F.

Inspection revealed a broken repositioning linkage on steam dump valve 1-FCV-1-107 allowing the valve to cycle erratically. The repositioning linkage was replaced and the valve was returned to service.

There was no effect on public health or safety. For 1984, this was the sixth automatic reactor trip on low-low steam generator level and the second event initiated by the opening of a steam dump valve.

TENNESSEE VALLEY AUTHORITY

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

June 5, 1984

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

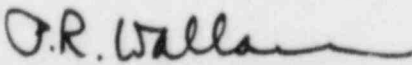
Gentlemen:

TENNESSEE VALLEY AUTHORITY - SEQUOYAH NUCLEAR PLANT UNIT 1 - DOCKET NO.  
50-327 - FACILITY OPERATING LICENSE DPR-77 - REPORTABLE OCCURRENCE REPORT  
SQRO-50-327/84033

The enclosed licensee event report provides details concerning a reactor trip from 21% reactor power. This event is reported in accordance with 10 CFR 50.73, paragraph a.2.iv.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

  
for C. C. Mason  
Power Plant Superintendent

Enclosure  
cc (Enclosure):

James P. O'Reilly, Director  
U.S. Nuclear Regulatory Commission  
Suite 2900  
101 Marietta Street, NW  
Atlanta, Georgia 30303

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

NRC Inspector, NUC PR, Sequoyah

IE22  
1/1