

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)														DOCKET NUMBER (2)						PAGE (3)					
Browns Ferry - Unit 1														0 5 0 0 0 2 5 9						1 OF 0 2					
TITLE (4)																									
Inoperable Main Stack Gas Monitoring Recorder																									
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	0	7	8	6	8	6	0	0	1	0	0	0	2	0	7	8	6	0	5	0	0	0		
OPERATING MODE (9)				THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5. (Check one or more of the following) (11)																					
N				20.402(b)				20.405(c)				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)									
0 0 0 0				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)(ii)				50.73(a)(2)(viii)(A)													
				20.405(a)(1)(iv)				50.73(a)(2)(iii)				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														TELEPHONE NUMBER											
David L. Smith, Compliance Engineer														2 0 5 7 2 9 - 3 8 6 5											
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)										EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR											
YES (If yes, complete EXPECTED SUBMISSION DATE)										X NO															

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

On January 6, 1986, the "A" channel of the stack gas sample monitor system (RM-90-147) was removed for maintenance activities. Approximately 0900 on January 7, 1986, the "B" channel's RM-90-148 control room recorder was subsequently found not recording. This situation was within Technical Specification 3.8.B.8 limits.

At 0735 on January 7, 1986, the Surveillance Instruction 4.7.B.1 was performed for standby gas treatment operability due to one of the standby diesel generators being inoperable. At this time, at least one channel of the main stack gas sample system was required operable. Although "B" channel's recorder was inoperable, the associated control room "hi-alarm" was operable. Therefore, one channel was partially operable. The "B" channel's recorder was repaired after the six-minute run of standby gas treatment "A" and "B" trains. At 1030, hourly sampling was begun on the main stack effluent path.

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PDR ADOCK 05000259
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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/88

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
Browns Ferry - Unit 1	0 5 0 0 0 2 5 9 8 6	-	0 0 1	-	0 0	0 2 OF 0 2

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

Units 1 and 2 were in refueling outages and unit 3 was in an extended maintenance outage.

On January 6, 1986, the "A" channel of the main stack gas sample monitoring system (IL), RM-90-147, was removed from service for maintenance work on the power source. This left RM-90-148 monitoring the main stack effluent releases. Technical Specification 3.8.B.8 requires at least one channel operable whenever any unit's air ejector (EJN) mechanical vacuum pump (P) or a standby gas treatment system (BH) train is in service. None of these paths were in use at the time.

At 0600 on January 7, 1986, the recorder which serves both "A" and "B" channels of the main stack gas sampling monitoring system was turned off for work on the "A" channel pen. The "hi-alarm" for the "B" channel was still operable. To be conservative, hourly sampling should have been initiated since "B" channel was only partially operable even though per Technical Specification 3.8.B.8 no channel operability was required at the time of the recorder problem. Operations personnel were unaware that channel "A" and "B" recorders had been turned off.

Aproximately 0700 on January 7, 1986, one of the standby diesel generators (EK) was taken out of service requiring Surveillance Instruction (SI) 4.7.B.1, standby gas treatment system, to be performed. As this SI was performed, there were 6 minutes that effluent was exhausted to the main stack with a monitoring channel only partially operable. This fact was not discovered until approximately 0900 and hourly stack effluent sampling was initiated with the first sample taken at 1030. Later evaluation of the situation concluded that communications between the unit operators and support personnel were not as clear and timely as they should have been. It has always been plant policy to take hourly samples of main stack effluents when both sample channels are not fully operable.

For the 6-minute run of the standby gas treatment system, Technical Specification 3.8.B.8 was violated. However, the "hi-level" alarm to the "B" channel remained operable through this entire event. Therefore, if an abnormal release had occurred the alarm would have alerted the licensed reactor operator.

All personnel involved were counseled in detail of this event and were told to follow through on total coordination for any abnormal plant evolution.

Responsible Plant Section - OPS and IM

Previous Events - None

TENNESSEE VALLEY AUTHORITY

Browns Ferry Nuclear Plant
P.O. Box 2000
Decatur, Alabama 35602

February 7, 1986

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

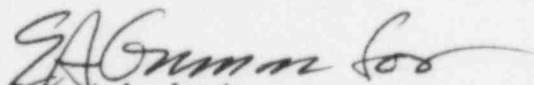
Dear Sir:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT UNIT 1 - DOCKET
NO. 50-259 - FACILITY OPERATING LICENSE DPR-33 - REPORTABLE OCCURRENCE
REPORT BFRO-50-259/86001

The enclosed report provides details concerning the inoperability of
the main stack gas monitoring recorder. This report is submitted in
accordance to 10 CFR 50.73 (a)(2)(i). A 1-day extension on the 30-day
request was agreed to by Region II.

Very truly yours,

TENNESSEE VALLEY AUTHORITY



Robert L. Lewis
Plant Manager
Browns Ferry Nuclear Plant

Enclosures

cc (Enclosures):

Regional Administrator
U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region II
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Atlanta, Georgia 30303

INPO Records Center
Suite 1500
1100 Circle 75 Parkway
Atlanta, Georgia 30339

NRC Resident Inspector, Browns Ferry Nuclear Plant

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