NRC Form 308 (9-83) LICENSEE EVENT REPORT (LER)																	
FACILITY NAME (1) Browns Ferry - Unit 1										DOCKET NUMBER (2) PAGE (3)							
TITLE	4)										0 19 10 10	0 2 5 9	1101012				
St	andby	r Gas	Trea	atment Sys	tem Tra:	lns i	n Deg	graded	Mode								
EV	DAY	E (6)	VEAD	SEQUENTIAL	AEVISION	REPORT DATE (7) OTH				OTHER FACILITY NA	REF FACILITIES INVOLVED (8)						
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Norm 20.402(b)   POWER 20.405(a)(1)(1)   LEVEL 0 8 0 20.405(a)(1)(1)   20.405(a)(1)(1) 20.405(a)(1)(1)(1) 20.405(a)(1)(1)(1) 20.405(a)(1)(1)(1)   20.405(a)(1)(1) 20.405(a)(1)(1)(1) 20.405(a)(1)(1)(1) 20.405(a)(1)(1)(1)							20.406(c) 53.73(a)(2)(iv   50.38(c)(1) X 50.73(a)(2)(v)   50.38(c)(2) X 50.73(a)(2)(v)   50.73(a)(2)(i) 50.73(a)(2)(v) 50.73(a)(2)(v)   50.73(a)(2)(ii) 50.73(a)(2)(v) 50.73(a)(2)(v)   50.73(a)(2)(iii) 50.73(a)(2)(v) 50.73(a)(2)(v)   50.73(a)(2)(iii) 50.73(a)(2)(v) 50.73(a)(2)(v)   50.73(a)(2)(iii) 50.73(a)(2)(v) 50.73(a)(2)(v)				1 73,71(b)   1 73,71(c)   1 73,71(c)   1 OTMER (Specify in Abstract below and in Text, NRC Form 366A)   111(6) 366A)						
NAME Da	avid L	Sm	ith								AREA CODE	TELEPHONE NUM	10181615				
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																	
CAUEF	SYSTEM	COMP	ONENT	MANUFAC. TURER	REPORTABLE TO NPRDS			CAUSE	SYSTEM	COMPONENT	MANUFAC TURER	REPORTABLE TO NPRDS					
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SUPPLEMENTAL REPOR						EXPECTED (14)					EXPECTE SUBMISSIO DATE (1)		H DAY YEAR				
VEB/HT yet, computer EXPECTED SUBMISSION DATE) NO ABSTRACT (Limit to 1400 usees, (2. approximately filtern linger typermitter lines) (18) During performance of testing of the standby gas to eatment (SBGT) trains it was observed that one of the three trains had flow below design. Upon investigation, the discharge dampers on "A" and "C" trains were misadjusted in an nonconservative direction. Readjustment of the dampers and a pitot tube traverse of both trains were immediately accomplished with satisfactory design flow rates. The Final Safety Analysis Report values of 14,000 cfm for the combined flows of the standby gas treatment system could have been met at all times. ("B" train had 9,100 cfm; "A" and "C" combined had approximately 10,000 cfm with misaligned dampers.) Cause of misaligned discharge dampers is unknown. Recurrence control is to check discharge damper positions on a weekly basis.																	
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NAC Form 250 (9-83)

NRC Form 366A (9-83)	LICENSEE EVENT REPORT (LER) TEXT CONTINUATION								S NUCLEAR REGULATORY COMMISSION APPROVED OMB NO. 3150-0104 EXF'RES: 8/31/85					
FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)					PAGE (3)							
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TEXT Iff more space is required, use additional NRC Form 368A's) (17)

Unit 1 was operating 80 percent; Unit 2 was operating at 100 percent; and Unit 3 was in a refueling outage. At 1315, during performance of routine testing on the standby gas treatment system (BH), it was observed that the station instruments were showing the "A" train (AHU) flow to be less than the design flow required by Technical Specifications. At 1445, a pitot tube traverse was performed on the main inlet duct (DUCT) to the "A" train. The measured flow was 5125 cfm. Design flow is 9000 cfm +/- 10 percent.

An investigation revealed that the manual discharge dampers (CDMP) on both "A" and "C" trains were off their marked position. The dampers were returned to their proper position and a pitot tube traverse was performed for the "A" and "C" trains. The measured flows were 8761 cfm and 8827 cfm, respectively. Train "B" had been previously measured to be 9100 cfm.

Upon an accident signal on any unit, all three standby gas treatment systems trains will start. The system is designed to exhaust a minimum of 14,000 cfm of air with two air cleanup trains operating. "B" train was fully operable, and total flow of "A" and "C" combined with "B" would have provided sufficient flow to meet design requirements. Therefore, there was no safety consequences of the event, during an accident, provided no failure of "B" train occurred. Had an accident occurred and "B" failed, secondary containment negative pressure would be less than 0.25 inches of water, and in all probability some increase in the leakage of radioactive material and dose rate would be seen. However, from discovery of the "A" train low flow until full flow was achieved was less than two hours.

Plant Instructions state that manual discharge dampers shall not be moved off their proper positions without performance of a pitot tube traverse. Also, caution order tags and lock nuts were in place on each damper. This was because of a similar event that had occurred.

Due to the unknown nature of this occurrence, additional recurrence control of the three standby gas discharge dampers being added to Operations Section's weekly reactor building manual damper checklist has been accomplished. This will assure even closer surveillance than previoualy used.

Responsible Plant Section

Unknown

Previous Similar Events

BFR0-50-259/83034

## TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEF, 37401 Browns Ferry Nuclear Plant P. J. Box 2000 Decatur, Alabama 35602

February 6, 1984

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 BFR0-50-259/84003

The enclosed report provides details concerning standby gas treatment systems in degraded mode. This report is submitted in accordance with 10 CFR 50.73 (a)(2)(ii), (a)(2)(v), and (a)(2)(vii).

Very truly yours,

TENNESSEE VALLEY AUTHORITY

G. T. Jones Power Plant Superintendent Browns Ferry Nuclear Plant

Enclosure cc (Enclosure): Regional Administrator U. S. Nuclear Regulatory Commission Office of Inspection and Enforcement Region II 101 Marietta Street, Suite 2900 Atlanta, GA 30303

Nhc Inspector, Browns Ferry Nuclear Plant

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