

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8807080207      DOC. DATE: 88/06/28      NOTARIZED: NO      DOCKET #  
 FACIL: 50-296 Browns Ferry Nuclear Power Station, Unit 3, Tennessee      05000296  
 AUTH. NAME      AUTHOR AFFILIATION  
 BAKER, R.L.      Tennessee Valley Authority  
 WALKER, J.G.      Tennessee Valley Authority  
 RECIPIENT NAME      RECIPIENT AFFILIATION

SUBJECT: LER 88-016-00: on 880320, personnel error resulted in violation of Tech Specs.

DISTRIBUTION CODE: IE22D      COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 4 ltr.  
 TITLE: 50.73 Licensee Event Report (LER), Incident Rpt, etc.

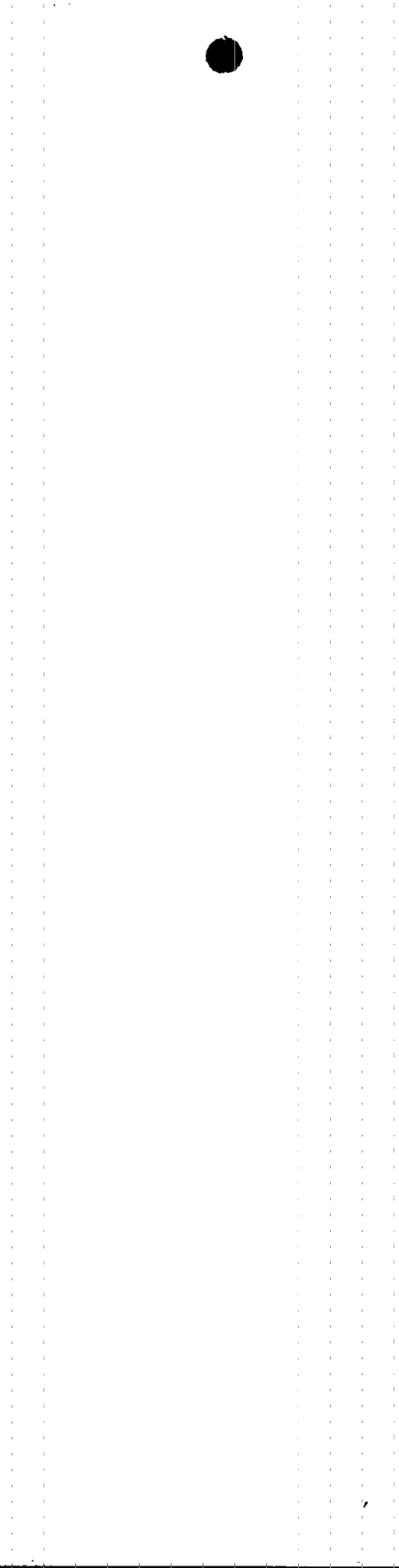
NOTES: S. Black 3 cy. 1 cy. ea to: Ebnetter, Axelrad, S. Richardson,      05000296  
 B.D. Liaw, K. Barr, OI.

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	MORAN, D		1	1		GEARS, G		1	1
INTERNAL:	ACRS MICHELSON		1	1		ACRS MOELLER		2	2
	AEOD/DOA		1	1		AEOD/DSP/NAS		1	1
	AEOD/DSP/ROAB		2	2		AEOD/DSP/TPAB		1	1
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	RGN2 FILE 01		1	1					
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NOTES:      9      9

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LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Browns Ferry Unit 1						DOCKET NUMBER (2) 0   5   0   0   0   2   9   6   1				PAGE (3) OF 03	
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TITLE (4)  
Personnel Error Resulted in a Violation of Technical Specifications

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	3	20	8	8	8	0	1	6	0	0	0	6	2	6	0
									Browns Ferry Unit 2		0	5	0	0	0
									Browns Ferry Unit 3		0	5	0	0	0

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)

OPERATING MODE (9) N	20.402(b)	20.405(c)	50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 01010	20.406(a)(1)(i)	50.36(e)(1)	50.73(a)(2)(v)	73.71(c)
	20.406(a)(1)(ii)	50.36(e)(2)	50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
	20.406(a)(1)(iii)	X 50.73(a)(2)(i)	50.73(a)(2)(viii)(A)	
	20.406(a)(1)(iv)	50.73(a)(2)(ii)	50.73(a)(2)(viii)(B)	
	20.406(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME Richard L. Baker, Engineer, Plant Operations Review Staff	TELEPHONE NUMBER AREA CODE: 2   0   5   7   2   9   -   2   5   3   8
-------------------------------------------------------------------	--------------------------------------------------------------------------

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

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)  NO

EXPECTED SUBMISSION DATE (15)

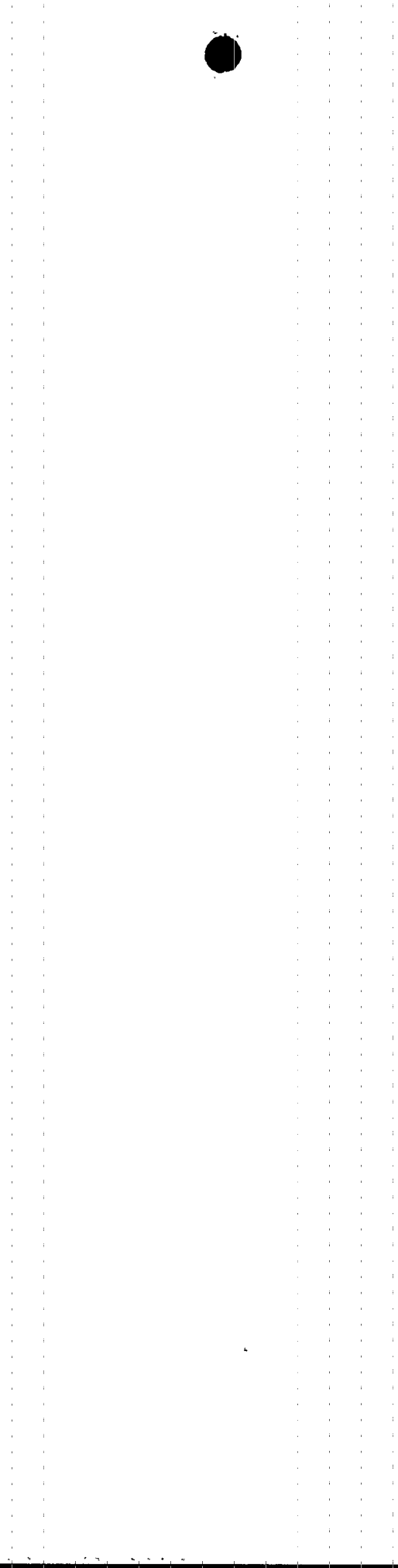
MONTH	DAY	YEAR

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

On March 20, 1988, at 2000 hours, with all three Browns Ferry units defueled a personnel error resulted in the requirements of Technical Specification (TS) Table 3.2.K note "Action D" not being met. On June 1, 1988, at 1330 hours, during the cognizant engineer review of Surveillance Instruction (SI) 4.8.B.1.a.1 "Airborne Effluent Release Rate" data package, two off-gas stack flow estimates were found to be outside of the 4-hour TS requirement. On March 20, 1988, the stack flow monitor was inoperable. With this instrument inoperable the stack flow rate estimates are normally recorded every 4 hours as required by the plant's TSS. On March 20-21, 1988, stack flow rates were recorded at 1400 hours, 2000 hours, 0200 hours, and 0600 hours. This gave an interval of 6 hours for two readings. This was attributed to personnel error by the assistant unit operators (AUOs) responsible for recording these readings. The AUOs became involved in other duties and neglected to take readings within 4 hours as required by the plant's TSS. The Operations Supervisor has counseled the individuals involved.

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PDR ADOCK 0500Q296  
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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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

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

DESCRIPTION OF EVENT

This event occurred on March 20, 1988, at 2000 hours. The three Browns Ferry units were in cold shutdown with all fuel removed.

On June 1, 1988, at 1330 hours, during the cognizant engineer review of Surveillance Instruction (SI) 4.8.B.1.a.1 "Airborne Effluent Release Rate" data package, two off-gas stack flow rate estimates were found to be outside of the 4-hour technical specification (TS) requirement. On March 20, 1988, the off-gas system (EIS code WF) stack flow monitor (O-FI/FM/FI-90-271) was inoperable. The plant's TS table 3.2.K, note "Action D" states, with this instrument inoperable, "effluent releases via this pathway may continue provided the flow rate is estimated at least once per 4 hours." Therefore the 6-hour estimated flow rate is a violation of the plant's TSs. The estimated flow rates are normally recorded at 4 hour intervals in O-SI-4.8.B.1.a.1. On March 20-21, 1988, flow rates were recorded at 1400 hours, 2000 hours, 0200 hours, and 0600 hours. This gave an interval of 6 hours for two of the readings, contrary to TS table 3.2.K requirements.

CAUSE OF EVENT

The Assistant Unit Operators (AUOs) responsible for recording the off-gas stack flow rates became involved in other duties and neglected taking action within 4 hours as required by the plant's TSs. The 1800-hour reading was not taken because the AUOs were working on the off-gas stack gas monitor. The 2400-hour reading was not taken because the AUOs were working with the Chemistry Section.

CORRECTIVE ACTION

The immediate corrective action was to resume the recording of the off-gas stack flow estimates every 4 hours.

The Operations Supervisor has counseled the individuals involved in the late off-gas stack flow rate estimates.

ANALYSIS OF EVENT

On March 20-21, 1988, the off-gas stack flow rates were recorded at 1400 hours, 2000 hours, 0200 hours, and 0600 hours. This gave an interval of 6 hours for two of the readings. There is nothing to indicate that any radiation release limits were exceeded during this event. Radioactivity levels did not increase during this event. Off-gas stack flow estimate



LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

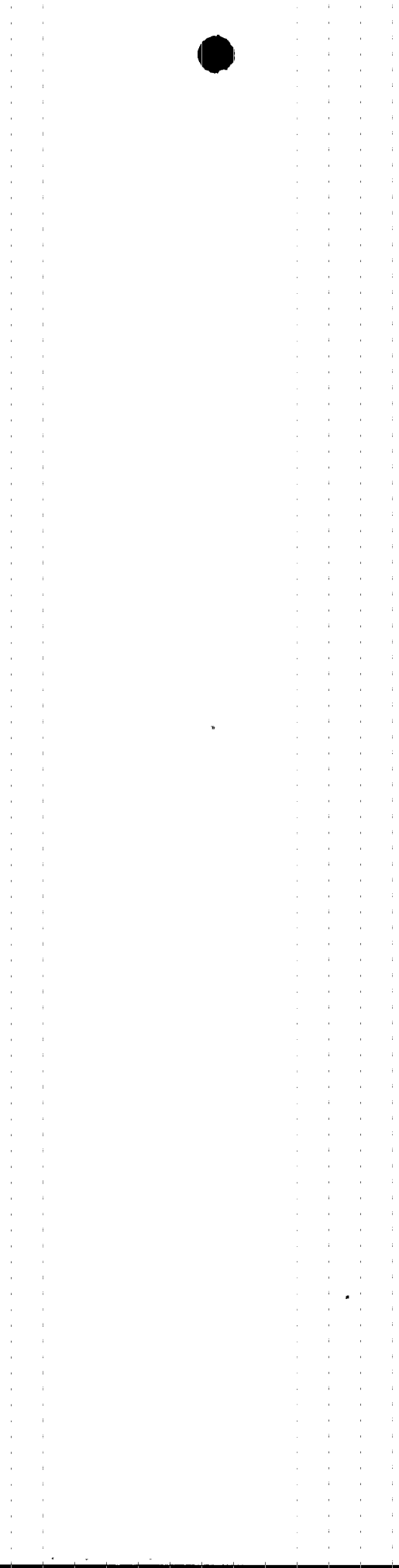
FACILITY NAME (1)  Browns Ferry Unit 1	DOCKET NUMBER (2)  0   5   0   0   0   2   5   9	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8   8	-   0   1   6	-   0   0	0   3	OF	0   3

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

readings remained unchanged during this event. The standby gas treatment system which would have increased the flow and releases through the off-gas stack did not actuate during this event. There was no adverse affect on public health and safety. The event had no adverse affect on the safe operation of the plant.

PREVIOUS SIMILAR EVENTS - None

COMMITMENTS - None





TENNESSEE VALLEY AUTHORITY

Browns Ferry Nuclear Plant

Post Office Box 2000

Decatur, Alabama 35602

JUL 01 1988

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

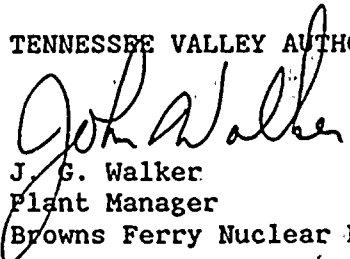
Dear Sir:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT UNIT 1 - DOCKET  
NO. 50-259 - FACILITY OPERATING LICENSE DPR-33 - REPORTABLE OCCURRENCE REPORT  
BFRO-50-259/88016

The enclosed report provides details concerning the personnel error that resulted  
in a violation of technical specifications. This report is submitted in  
accordance with 10 CFR 50.73 (a)(2)(i).

Very truly yours,

TENNESSEE VALLEY AUTHORITY

  
J. G. Walker  
Plant Manager  
Browns Ferry Nuclear Plant

Enclosures

cc (Enclosures):

Regional Administration  
U.S. Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Region II  
101 Marietta Street, Suite 2900  
Atlanta, Georgia 30303

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

NRC Resident Inspector, Browns Ferry Nuclear Plant

JEZ  
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