NRC Form 366 (9-83)

U.S. NUCLEAR REGULATORY COMMISSION
APPROVED OMB NO. 3150-0104
EXPIRES: 8/31/85

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)	DOCKET NUMBER (2)	PAGE (3)
Browns Ferry - Unit 1, 2, and 3	0 5 0 0 0 2 5 9	1 OF 0 2

TITLE (4)
Failure to Implement Literal Requirement of Technical Specification 4.9.A.2.a.

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)
									Browns Ferry - Unit 2	0 5 0 0 0 2 6 0
0 3	2 9	8 4	8 4	- 0 1 9	- 0 0	0 4	2 0	8 4	Browns Ferry - Unit 3	0 5 0 0 0 2 9 6

OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (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)
1 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 366A)
		20.405(a)(1)(iii)	X 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
David L. Smith	AREA CODE 2 0 5 — 7 2 9 - 0 8 6 5

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)		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 August 2, 1983, surveillance instruction (SI) 4.9.A.2.a had been revised from the technical specification requirement of measuring battery cell temperature in "adjacent cell" to measuring battery cell temperature in "pilot cell." (The pilot cell is a preselected cell used to take specific gravity readings.) This change was discovered during an internal audit performed on March 30, 1984. Although this was in conflict with the literal technical specification requirement, it provides for more accurate calculations.

On March 30, 1984, the surveillance instruction wording was changed back to read "temperature of the adjacent cell." A technical specification revision is being submitted to require "pilot cell" temperature to be taken instead of "adjacent cell."

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

Unit 1 was operating at 100 percent, unit 2 was operating at 62 percent, and unit 3 was in a refueling outage.

During performance of an internal quality assurance audit, it was discovered that surveillance instruction (SI) 4.9.A.2.a had a deviation from the literal Technical Specification 4.9.A.2.a requirement. The technical specification requires "adjacent cell" battery (BTRY) temperature be measured. Surveillance Instruction 4.9.A.2.a had been revised on August 2, 1983 to require "pilot cell" battery temperature be recorded. (Pilot cell being the preselected cell for measuring specific gravity.) This revision came about due to a decision to measure the most conservative temperature for use in correcting specific gravity readings. Therefore, there were no safety concerns over this procedural revision.

On March 30, 1984 the SI 4.9.A.2.a was changed back to be in literal agreement with its associated technical specification requirement. The procedure preparer and reviewers, who were directly involved in the August 2, 1983 revision, have been instructed to follow technical specification requirements technically and literally. Also, a technical specification revision to 4.9.A.2.a is being submitted in April 1984, to require temperature measurements of the "pilot cell."

Responsible Section - EM

Previous Similar Events - None

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

April 20, 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 BFRO-50-259/84019

The enclosed report provides details concerning failure to implement literal requirement of Technical Specification 4.9.A.2.a. This report is submitted in accordance with 10 CFR 50.73 (a)(2)(i).

Very truly yours,

TENNESSEE VALLEY AUTHORITY

for John R. Patterson

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

NRC Inspector, Browns Ferry Nuclear Plant

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