NRC FORM 195 (2-76)

U.S. NUCLEAR REGULATORY COMMISSION

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

DOCKET NUMBER: 50-260

FILE NUMBER: INCIDENT REPORT

TO: Mr. Norman C. Moseley

FROM: Tennessee Valley Authority, Chattanooga, Tennessee, H. S. Fox

DATE OF DOCUMENT: 3/25/77

DATE RECEIVED: 3/30/77

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PROP

INPUT FORM

NUMBER OF COPIES RECEIVED: 1 cc

DESCRIPTION

Ltr. trans the following:

DO NOT REMOVE

PLANT NAME:
Browns Ferry Unit No. 2 (1-P)

RJL

ACKNOWLEDGED

ENCLOSURE

Licensee Event Report (RO 50-260/775) on 3/6/77 concerning drywell oxygen sensor 02M-76-43 becoming erratic & reading erroneously high due to grounded shields.....

(1-P)

NOTE: IF PERSONNEL EXPOSURE IS INVOLVED SEND DIRECTLY TO KREGER/J. COLLINS

FOR ACTION/INFORMATION

BRANCH CHIEF:	Schwencer	
W/3 CYS FOR ACTION		
LIC. ASST.:	Sheppard	
W/ 1 CYS		
ACRS 16 CYS ~~HOLDING~~/SENT	As CAT B	

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CONTROL NUMBER: 770900349

NRC FORM 195 (2-76)

TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE 37401

AMERICAN REVOLUTION BICENTENNIAL 1776-1976

REGULATORY DOCKET FILE COPY

March 25, 1977

RECEIVED 3/30/77 U.S. NUCLEAR REGULATORY COMMISSION Mail Section

Mr. Norman C. Moseley, Director
U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region II
230 Peachtree Street, NW., Suite 1217
Atlanta, Georgia 30303

Dear Mr. Moseley:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT UNIT 2 - DOCKET NO. 50-260 - FACILITY OPERATING LICENSE DPR-52 - REPORTABLE OCCURRENCE REPORT BFRO-50-260/775

The enclosed report is to provide details concerning drywell oxygen sensor 02M-76-43 which became erratic during normal operation and read erroneously high because of grounded shields. This report is submitted in accordance with Browns Ferry Technical Specifications Section 6. This event occurred on Browns Ferry unit 2.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

H. S. Fox
Director of Power Production

Enclosure (3)
CC (Enclosure):
Director (3)
Office of Management Information and Program Control
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Director (40)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

770900349

LICENSEE EVENT REPORT

CONTROL BLOCK: [ ] (1–6) [PLEASE PRINT ALL REQUIRED INFORMATION]

	LICENSEE NAME	LICENSE NUMBER	LICENSE TYPE	EVENT TYPE
01 (8–9)	ALBRF2 (9–14)	00–00000–00 (15–25)	41111 (26–30)	03 (31–32)

	CATEGORY	REPORT TYPE	REPORT SOURCE	DOCKET NUMBER	EVENT DATE	REPORT DATE
01 CON'T (8)	(57–58)	L (59)	L (60)	050–0260 (61–68)	030677 (69–74)	(75–80)

EVENT DESCRIPTION

02 During normal operation, drywell oxygen sensor O2M-76-43 became erratic and read erroneous-
03 ly high due to grounded shields. The redundant sensor was operable. Ground was removed
04 and a modified sensor installed.
05 (BFRO-50-260/775)
06

	SYSTEM CODE	CAUSE CODE	COMPONENT CODE	PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER	VIOLATION
07 (7–8)	IB (9–10)	E (11)	INSTRU (12–17)	N (43)	G080 (44–47)	N (48)

CAUSE DESCRIPTION

08 The GE oxygen sensor signal was erratic due to shorted shield to ground causing ground
09 loop which affected sensor output. Modified sensor installed and checked out
10 satisfactorily.

	FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
11 (7–8)	E (9)	099 (10–12)	NA (13–44)	A (45)	NA (46–80)

	FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
12 (7–8)	Z (9)	Z (10)	NA (11–44)	NA (45–80)

PERSONNEL EXPOSURES

	NUMBER	TYPE	DESCRIPTION
13 (7–8)	000 (9–11)	Z (12)	NA (13–80)

PERSONNEL INJURIES

	NUMBER	DESCRIPTION
14 (7–8)	000 (9–11)	NA (12–80)

OFFSITE CONSEQUENCES

15 NA (7–80)

LOSS OR DAMAGE TO FACILITY

	TYPE	DESCRIPTION
16 (7–8)	Z (9)	NA (10–80)

PUBLICITY

17 NA (7–80)

ADDITIONAL FACTORS

18 NA (7–80)

19 (7–80)

NAME: PHONE:

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