

50-260

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
INCIDENT REPORT

TO: N.C. MOSELEY

FROM: TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENN.
H.S. FOX

DATE OF DOCUMENT

3/25/77

DATE RECEIVED

4/7/77

☒ LETTER
☒ ORIGINAL
☐ COPY☐ NOTORIZED
☒ UNCLASSIFIED

PROP

INPUT FORM A

NUMBER OF COPIES RECEIVED

1 SIGNED

DESCRIPTION

LTR. TRANS THE FOLLOWING.....

(1P)

PLANT NAME: BROWNS FERRY # 2

SAB

ENCLOSURE

LICENSEE EVENT REPORT FOR R.O. # 775 ON 3/6/77
CONCERNING DRYWELL OXYGEN SENSOR o2M-76-43
BECOMING ERRATIC DURING NORMAL OPERATION ...

(1P)

ACKNOWLEDGED
DO NOT REMOVENOTE: IF PERSONNEL EXPOSURE IS INVOLVED
SEND DIRECTLY TO KREGER/J. COLLINS

FOR ACTION/INFORMATION

BRANCH CHIEF:

W/3 CYS FOR ACTION

LIC. ASST.:

W/ CYS

ACRS CYS HOLDING/SENT

INTERNAL DISTRIBUTION

REG FILE

NRC PDR

I & E (2)

MIPC

SCHROEDER/IPPOLITO

HOUSTON

NOVAK/CHECK

GRIMES

CASE

BUTLER

HANAUER

TEDESCO/MACCARY

EISENHUT

BAER

SHAO

VOLLMER/BUNCH

KREGER/J. COLLINS

EXTERNAL DISTRIBUTION

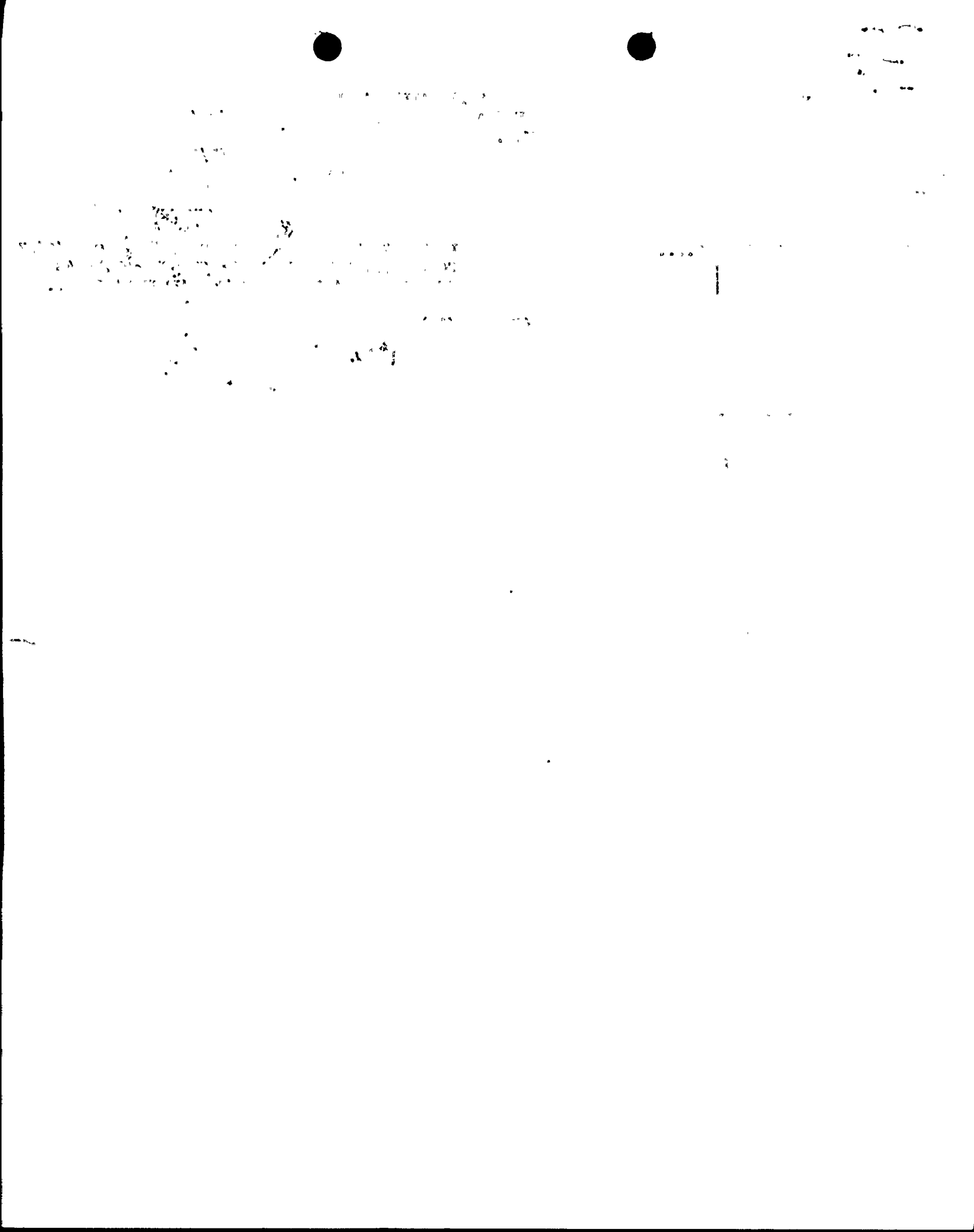
LPDR:

TIC:

NSIC:

CONTROL NUMBER

2
770980250





TENNESSEE VALLEY AUTHORITY

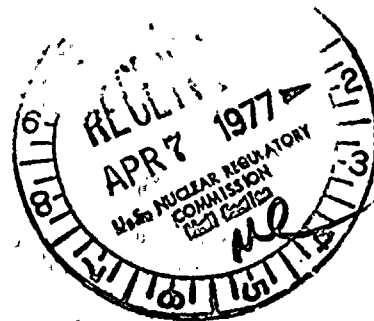
CHATTANOOGA, TENNESSEE 37401

Regulatory

File Cy.

March 25, 1977

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)

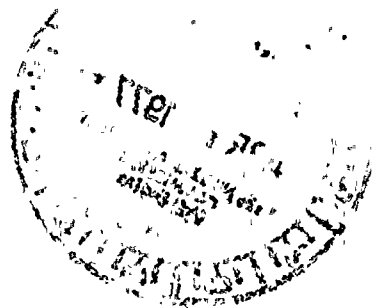
CC (Enclosure):

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



מכון המחקר

המכון המחקר
המכון המחקר
המכון המחקר
המכון המחקר

המכון המחקר

המכון המחקר
המכון המחקר
המכון המחקר
המכון המחקר

המכון המחקר
המכון המחקר
המכון המחקר
המכון המחקר
המכון המחקר
המכון המחקר

המכון המחקר

המכון המחקר

המכון המחקר
המכון המחקר
המכון המחקר

המכון המחקר
המכון המחקר

המכון המחקר
המכון המחקר
המכון המחקר
המכון המחקר
המכון המחקר

המכון המחקר
המכון המחקר
המכון המחקר
המכון המחקר
המכון המחקר

LICENSEE EVENT REFUND

CONTROL BLOCK:

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME						LICENSE NUMBER								LICENSE TYPE				EVENT TYPE																			
01	A	L	B	R	F	2	0	0	-	0	0	0	0	0	-	0	0	4	1	U	1	1	0	3													
8	9																						14	15					25	26					30	31	32

CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER							EVENT DATE				REPORT DATE									
01	CONT	L	L	0	5	0	-	0	2	6	0	0	3	0	6	7	7							
8		57	58									69						75						60

EVENT DESCRIPTION.

02	During normal operation, drywell oxygen sensor O2M-76-43 became erratic and read erroneous-	80
03	ly high due to grounded shields. The redundant sensor was operable. Ground was removed	80
04	and a modified sensor installed.	80
05	(BFR0-50-260/775)	80
06		80

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

SYSTEM CODE CAUSE CODE COMPONENT CODE PRIME COMPONENT SUPPLIER COMPONENT MANUFACTURER VIOLATION

07 I B E I N S T R U N G O 8 0 N

CAUSE DESCRIPTION

08	The GE oxygen sensor signal was erratic due to shorted shield to ground causing ground	80
09	loop which affected sensor output. Modified sensor installed and checked out	80
10	satisfactorily.	80

FACILITY STATUS		% POWER		OTHER STATUS ..		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
11	E	0	9	9	NA	A	NA		

FORM OF ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE	
1	2	Z		NA		NA	

PERSONNEL EXPOSURES												
NUMBER			TYPE	DESCRIPTION								
13	0	0	0	Z NA								

PERSONNEL INJURIES											
NUMBER				DESCRIPTION							
14	0	0	0	NA							

OFFSITE CONSEQUENCES		
15	NA	

LOSS OR DAMAGE TO FACILITY									
TYPE		DESCRIPTION							
16	Z	NA							

PUBLICITY

17 NA

7 9 9

7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38		39		40		41		42		43		44		45		46		47		48		49		50		51		52		53		54		55		56		57		58		59		60		61		62		63		64		65		66		67		68		69		70		71		72		73		74		75		76		77		78		79		80		81		82		83		84		85		86		87		88		89		90		91		92		93		94		95		96		97		98		99		100	
7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38		39		40		41		42		43		44		45		46		47		48		49		50		51		52		53		54		55		56		57		58		59		60		61		62		63		64		65		66		67		68		69		70		71		72		73		74		75		76		77		78		79		80		81		82		83		84		85		86		87		88		89		90		91		92		93		94		95		96		97		98		99		100	
7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38		39		40		41		42		43		44		45		46		47		48		49		50		51		52		53		54		55		56		57		58		59		60		61		62		63		64		65		66		67		68		69		70		71		72		73		74		75		76		77		78		79		80		81		82		83		84		85		86		87		88		89		90		91		92		93		94		95		96		97		98		99		100	
7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38		39		40		41		42		43		44		45		46		47		48		49		50		51		52		53		54		55		56		57		58		59		60		61		62		63		64		65		66		67		68		69		70		71		72		73		74		75		76		77		78		79		80		81		82		83		84		85		86		87		88		89		90		91		92		93		94													

7 8 9 67

NAME:

פירמע

RECEIVED DOCUMENT
PROCESSING UNIT

1977 APR 6 PM 1:50