

CONTROL BLOCK: (1)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CON'T

0	1
7	8

REPORT SOURCE

L	6	0	5	0	0	0	3	4	6	7	0	4	1	7	8	3	8	1	2	2	9	8	3	9
60	61								68	69						74	75							80
DOCKET NUMBER										EVENT DATE								REPORT DATE						

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 (NP-33-83-24) At 0105 hours on 4/17/83 while performing the Miscellaneous Instrument

0 3 Shift Check ST 5099.01, Safety Features Actuation System (SFAS) Channel 4 Radiation

0 4 Monitor RE2007 was found to be reading 0.15 mr/hr. The normal reading at this power

0 5 is 4 mr/hr. The containment radiation monitor was declared inoperable, and the con-

0 6 tainment radiation bistable was tripped at 0113 hours. This placed the unit in the

0 7 Action Statement of Tech Spec 3.3.2, Table 3.3-3, Action 9. SFAS Channels 1, 2, and

0 8 3 containment radiation monitors were all operable.

09		SYSTEM CODE I B		CAUSE CODE E		CAUSE SUBCODE A		COMPONENT CODE I N S T R U				COMP. SUBCODE E		VALVE SUBCODE Z	
7	8	9	10	11	12	12	13	13	14	15	16	17	18	19	20
1	(17)	LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.			
		21	22	23	24	25	26	27	28	29	30	31	32		
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER	
C		D		Z		Z		0000		Y		Y		N	
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
(18)		(19)		(20)		(21)		(22)		(23)		(24)		(25)	
V		1		1		5		(26)							

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The root cause was attributed to equipment failure. An analysis by the vendor deter-

1 1 mined that the reed switch and a capacitor had failed. These components were replaced.

1 2 The detector was replaced under Maintenance Work Order 83-2730, and the detector was

1 3 declared operable at 1305 hours on 4/18/83, removing the unit from the action state-

1 4 ment of Technical Specification 3.3.2, Table 3.3-3, Action 9.

1 5 E 28 0 9 8 29 NA 30 A 31 Operator Observation 32

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 Z 33 Z 34 NA

7 8 9 10 11 44

AMOUNT OF ACTIVITY (35)

NA

45 80

LOCATION OF RELEASE (36)

PERSONNEL EXPOSURES										
NUMBER		TYPE		DESCRIPTION						
1	7	0	0	37	Z	38	NA			

PERSONNEL INJURIES		DESCRIPTION	
NUMBER			
1	8	40	NA

LOSS OF OR DAMAGE TO FACILITY (43)
TYPE DESCRIPTION ON
1 9 Z (42) NA

PUBLICITY
 ISSUED DESCRIPTION (45)
 2 0 N 44 NA
 8401180325 831229
 PDR ADOCK 05000346
 PDR
 NRC USE ONLY

8401160325 831229
PDR ADCK 05000346
S PDR

NRC USE ONLY

DVR 83-041 NAME OF PREPARER Tom Isley

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917-926

TOLEDO EDISON COMPANY
DAVIS-BESSE NUCLEAR POWER STATION UNIT ONE
SUPPLEMENTAL INFORMATION FOR LER NP-33-83-24

DATE OF EVENT: April 17, 1983

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Safety Features Actuation System (SFAS)
Containment Radiation Monitor Failure

Conditions Prior to Occurrence: The unit was in Mode 1, with Power (MWT) = 2740 and Load (Gross MWE) = 913.

Description of Occurrence: At 0105 hours on April 17, 1983, while performing the Miscellaneous Instrument Shift Check Surveillance Test ST 5099.01, the operator discovered RE2007 SFAS Channel 4 containment radiation reading about 0.15 mr/hr. The normal reading at this power level is about 4 mr/hr. The containment radiation detector was declared inoperable, and the containment radiation bistable was tripped at 0113 hours. This satisfied the action statement of Technical Specification 3.3.2, Table 3.3-3, Action 9.

Designation of Apparent Cause of Occurrence: The cause of this occurrence was equipment failure. The radiation detector was sent to the vendor for repair, where it was determined that the reed switch and a capacitor had failed. The failed components were replaced.

Analysis of Occurrence: There was no danger to the health and safety of the public or station personnel. SFAS Channels 1, 2, and 3 containment radiation monitors were all operable, and SFAS Channel 4 was placed in its safe tripped condition.

Corrective Action: The radiation detector was replaced under Maintenance Work Order 83-2730, and the detector was declared operable at 1305 hours on April 18, 1983. This removed the unit from the action statement of Technical Specification 3.3.2, Table 3.3-3, Action 9.

Failure Data: There have been no previous similar occurrences due to this type of component failure.

LER #83-018



December 29, 1983

Log No. K83-1771
File: RR 2 (NP-33-83-24)

Docket No. 50-346
License No. NPF-3

Mr. James G. Keppler
Regional Administrator, Region III
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Dear Mr. Keppler:

Enclosed are three copies of Revision 1 to Licensee Event Report 83-018, including revised supplemental information sheet. The revisions to the report are indicated by a "1" in the left margin of each page.

Please destroy your previous copies of this report and replace with the attached revision.

Yours truly,

Terry D. Murray /smc

Terry D. Murray
Station Superintendent
Davis-Besse Nuclear Power Station

TDM/ljk

Enclosure

cc: Mr. Richard DeYoung, Director
Office of Inspection and Enforcement
Encl: 30 copies

Mr. Norman Haller, Director
Office of Management and Program Analysis
Encl: 3 copies

Mr. Walt Rogers
NRC Resident Inspector
Encl: 1 copy