

CONTROL BLOCK:

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 (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	0	5	1	6	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.

7 8 9 80

SYSTEM CODE I B 11		CAUSE CODE E 12		CAUSE SUBCODE A 13		COMPONENT CODE I N S T R U 14		COMP. SUBCODE E 15		VALVE SUBCODE Z 16	
LER/RO REPORT NUMBER 17		EVENT YEAR 8 3 21 22		SEQUENTIAL REPORT NO. 0 1 8 24 26		OCCURRENCE CODE / 0 3 27 29		REPORT TYPE L 30		REVISION NO. 0 32	
ACTION TAKEN C 18		FUTURE ACTION D 19		EFFECT ON PLANT Z 20		SHUTDOWN METHOD Z 21		HOURS 0 0 22		ATTACHMENT SUBMITTED Y 23	
NPRD-4 FORM SUB. Y 24		PRIME COMP. SUPPLIER N 25		COMPONENT MANUFACTURER V 1 1 5 26							

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The root cause was attributed to equipment failure. The detector was replaced under

1 1 Maintenance Work Order 83-2730, and the detector was declared operable at 1305 hours

1 2 on 4/18/83, removing the unit from the action statement of Technical Specification

1 3 3.3.2, Table 3.3-3, Action 9. The failed detector will be sent to the vendor for

1 4 repair.

7 8 9 FACILITY STATUS 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

1 5 E 0 9 8 NA Operator Observation

7 8 9 ACTIVITY CONTENT 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

1 6 Z Z NA LOCATION OF RELEASE

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7	0	0	0	(37) Z	(38) NA	(39)		

PERSONNEL INJURIES										
NUMBER				DESCRIPTION						
8	0	0	0	40	NA					41

LOSS OF OR DAMAGE TO FACILITY (43)
TYPE DESCRIPTION
Z (42) NA
8305240341 830516
PDR ADOCK 05000346
S PDR

10 PUBLICITY (44) DESCRIPTION (45) NA 68 69 80 NRC USE ONLY

NAME OF PREPARER Tom Isley

PHONE: 419-259-5000, Ext. 230

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 placed the unit in the action statement of Technical Specification 3.3.2, Table 3.3-3, Action 9.

Designation of Apparent Cause of Occurrence: Equipment failure. The radiation detector failed and will be sent to the vendor for repair and failure analysis.

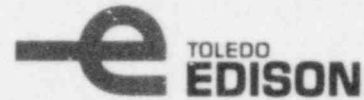
Analysis of Occurrence: There was no danger to the health and safety of the public or station personnel. SFAS Channels 1, 2, and 3 containment radiation monitors were all operable, and SFAS Channel 4 was placed in its safe tripped condition.

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: Previous similar occurrences that have occurred within the past year were reported in Licensee Event Reports NP-33-82-52 (82-047) and NP-33-82-66 (82-055).

LER #83-018

DMB



May 16, 1983

Log No. K83-718
File: RR2 (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:

LER No. 83-018
Davis-Besse Nuclear Power Station Unit 1
Date of Occurrence: April 17, 1983

Enclosed are three copies of Licensee Event Report 83-018 which are being submitted in accordance with Technical Specification 6.9 to provide 30 day written notification of the subject occurrence.

Yours truly,

Terry D. Murray

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

TDM/ljk

Enclosures

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. Tom Peebles
NRC Resident Inspector
Encl: 1 copy

IEJ
MAY 18 1983