

CONTROL BLOCK:

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 ① (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CON'T

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 (NP-40-83-01) On 4/29/83 at 2000 hours, fire detection zone FDZ 410, Containment East

0 3 Passage 603' level, went into alarm and could not be reset. It was determined that

0 4 this alarm was false since the surrounding FDZ's were checked and found not in alarm,

0 5 no equipment failures were indicated in the alarmed zone, and the containment cooler

0 6 inlet temperatures were stable. This Special Report is being submitted per action

0 7 statement (b) of T.S. 3.3.3.8. There was no danger to the public or station personnel,

0 8 Additional smoke detectors in FDZ's located directly above and below FDZ 410 are operable.

7 8 9 80

09		SYSTEM CODE A B		CAUSE CODE E	CAUSE SUBCODE X	COMPONENT CODE I N S T R U				COMP. SUBCODE Z	VALVE SUBCODE Z
7	8	9	10	11	12	13	14	15	16		
17		EVENT YEAR 8 3			SEQUENTIAL REPORT NO. 0 2 5			OCCURRENCE CODE 0 3		REPORT TYPE L	REVISION NO. 0
18		19		20	21		22	23		24	25
ACTION TAKEN X		FUTURE ACTION X		EFFECT ON PLANT Z	SHUTDOWN METHOD Z		HOURS 0 0 0	ATTACHMENT SUBMITTED Y		NPRD-4 FORM SUB. 0	PRIME COMP. SUPPLIER Z
26	27	28	29	30	31	32	33	34	35	36	37
38		39		40		41		42		43	
44		45		46		47		48		49	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Since FDZ 410 is located in containment and presently inaccessible, the exact cause

1 1 has not been determined. However, on 5/5/83 under MWO 83-2918, it was determined that

1 2 the fault was in the detector string. MWO 83-3139 has been written to restore FDZ 410

1 3 to service during the next refueling outage.

1 4

7 8 9 FACILITY STATUS (28) 10 11 12 13 OTHER STATUS (30) 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

1 5 E 0 9 1 NA A 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

1 6 Z Z NA NA LOCATION OF RELEASE

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

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	8	0	0	0	NA

7 8 9 11 12

8306210084 830610

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LOSS OF OR DAMAGE TO FACILITY (43)
TYPE DESCRIPTION
1 9 Z (42) NA
7 8 9 10

PUBLICATION										NRC USE ONLY									
ISSUED		DESCRIPTION																	
2	0	N	NA																
7	8	9	10																

TOLEDO EDISON COMPANY
DAVIS-BESSE NUCLEAR POWER STATION UNIT ONE
SPECIAL REPORT NP-40-83-01

DATE OF EVENT: April 29, 1983

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Fire Detection Zone (FDZ) 410, Containment East Passage, went into alarm

Conditions Prior to Occurrence: The unit was in Mode 1, with Power (MWT) = 2526 and Load (Gross MWE) = 833.

Description of Occurrence: On April 29, 1983 at 2000 hours, FDZ 410, Containment East Passage, 603' level, went into alarm and could not be reset. The Shift Supervisor determined that this alarm was false since the surrounding fire detection zones were checked and found not in alarm, no equipment failures were indicated in the alarmed zone, and the containment cooler inlet temperatures were stable. The inoperability of the smoke detectors in FDZ 410 placed the unit in action statement (b) of Technical Specification 3.3.3.8 which requires restoring the inoperable instruments to operable status within 14 days, or in lieu of any other report required by Technical Specification 6.9.1 prepare and submit a Special Report to the Commission pursuant to Technical Specification 6.9.2 within the next 30 days. Since FDZ 410 is inaccessible due to being located in containment, the smoke detectors in FDZ 410 remain inoperable.

Action Statement (a) of Technical Specification 3.3.3.8 was not applicable since it requires the establishment of a fire watch patrol within one hour to inspect only the accessible zones. However, at the time FDZ 410 was determined to be inoperable, an hourly fire watch patrol was established on the fire detection panel C4720A.

Designation of Apparent Cause of Occurrence: Due to the inaccessibility of the smoke detectors in FDZ 410, the exact cause has not been determined. However, on May 5, 1983, under Maintenance Work Order (MWO) 83-2918, it was determined that the fault was in the detector string.

Analysis of Occurrence: There was no danger to the health and safety of the public or station personnel. Additional smoke detectors in fire detection zones located directly above and below FDZ 410 are operable and will provide adequate warning in the event of a fire in the area.

Corrective Action: MWO 83-3140 was performed to temporarily clear the false alarm from the fire detection panel and free it for subsequent non-critical fire zones. MWO 83-3139 has been written to restore FDZ 410 to service during the next refueling outage. At that time, the cause of the failure and corrective actions will be included in a revision to this Special Report.

Failure Data: There have been no previously reported failures of fire detection zones.



June 10, 1983

Log No. K83-861
File: RR2 (NP-40-83-01)

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:

Special Report 83-025
Davis-Besse Nuclear Power Station Unit 1
Date of Occurrence: April 29, 1983

Enclosed is one copy of Special Report 83-025 which is being submitted in accordance with Technical Specification 6.9 to provide 30 day written notification of the subject occurrence after the instrument has been inoperable for 14 days.

Yours truly,

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

TDM/ljk

Enclosure

cc: Mr. Tom Peebles
NRC Resident Inspector

JUN 15 1983

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