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7	8

REPORT SOURCE

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60	61									68	69						74	75							80

DOCKET NUMBER

EVENT DATE

REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

[illegible]

SYSTEM CODE A 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							
EVENT YEAR 7 9 21 22		SEQUENTIAL REPORT NO. 0 6 3 24 25 26		OCCURRENCE CODE 0 3 28 29		REPORT TYPE L 30		REVISION NO. 0 32									
ACTION TAKEN B 18		FUTURE ACTION Z 19		EFFECT ON PLANT Z 20		SHUTDOWN METHOD Z 21		HOURS 0 0 0 22 37 40		ATTACHMENT SUBMITTED Y 23		NPRD-4 FORM SUB. N 24		PRIME COMP. SUPPLIER Z 25		COMPONENT MANUFACTURER Z Z Z Z 26 44 47	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1	3	
1	4	

7 8 9
FACILITY STATUS % POWER OTHER STATUS (30) METHOD OF DISCOVERY DISCOVERY DESCRIPTION (32)
1 5 G (28) 0 0 0 (29) NA B (31) Surveillance Test ST 5016.06
3 4 5 6 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

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 2 3 33 34 10 NA 11 44

AMOUNT OF ACTIVITY (35)

NA 45 80

LOCATION OF RELEASE (36)

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

		PERSONNEL INJURIES						
		NUMBER			DESCRIPTION			(41)
1	8	0	0	0	40	NA		

7		8		9		10		11		12		
LOSS OF OR DAMAGE TO FACILITY						(43)						
TYPE				DESCRIPTION								
1	9	Z	(42)	NA								7906250 258 S

7 8 9 10 PUBLICITY
ISSUED DESCRIPTION (45)
2 0 N (44) NA 68 69 70 NRC USE ONLY

TOLEDO EDISON COMPANY
DAVIS-BESSE NUCLEAR POWER STATION UNIT ONE
SUPPLEMENTAL INFORMATION FOR LER NP-33-79-66

DATE OF EVENT: May 23, 1979

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Smoke detector DS 8635 did not alarm during test

Conditions Prior to Occurrence: The unit was in Mode 5, with Power (MWT) = 0, and Load (Gross MWE) = 0.

Description of Occurrence: At 1815 hours on May 23, 1979, the containment pressurizer smoke detector DS 8635 did not alarm when tested per Surveillance Test ST 5016.06, "Fire Detector Functional Test". This placed the unit in the Action Statement of Technical Specification 3.3.3.8.a. The technical specification requires the fire detection system to be operable in all modes. The action statement requires a fire watch be established in the affected zone within one hour. A fire watch was established within one hour.

Designation of Apparent Cause of Occurrence: A broken wire in the detector fixed base was the cause of this occurrence. The wire may have been damaged during initial installation or a defect may have been present in the wire which did not separate prior to this occurrence or during previous testing.

Analysis of Occurrence: There was no danger to the health and safety of the public or to station personnel. The unit was in Mode 5 throughout the occurrence and the other smoke detectors in containment were all working.

Corrective Action: Investigation revealed a broken wire in the base of DS 8635 which was repaired under Work Request IC-013-16-79. The detector was tested successfully at 1600 hours on May 24, 1979, removing the unit from the action statement.

Failure Data: Although there have been no previous occurrences of broken wires in detectors, there has been one previous occurrence of a failed detector, see Licensee Event Report NP-33-79-02.

LER #79-063

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