

# LICENSEE EVENT REPORT

CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

1 2 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 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

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REPORT SOURCE L 6 0 5 0 - 0 3 4 6 7 0 7 1 6 7 9 8 0 8 1 0 7 9 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)  
On 7/16/79 at 0613 hours, the Safety Features Actuation System (SFAS) containment  
Radiation Detector RE 2005 spiked, tripping the SFAS Channel 2 Containment Radiation  
Bistable. The indication of RE 2005 immediately returned to normal. At 0613 hours,  
RE 2005 was declared inoperable placing the unit in Action Statement of Technical  
Specification 3.3.2.1.b9. The bistable was left in the tripped condition. There was no  
danger to the health and safety of the public or station personnel. The other three  
SFAS containment radiation instrument strings were operable. (NP-33-79-92)

SYSTEM CODE I B (11) CAUSE CODE E (12) CAUSE SUBCODE E (13) COMPONENT CODE I N S T R U (14) COMP. SUBCODE E (15) VALVE SUBCODE Z (16)  
EVENT YEAR 7 9 (17) SEQUENTIAL REPORT NO. 8 0 (18) OCCURRENCE CODE 0 3 (19) REPORT TYPE L (20) REVISION NO. 0 (21)  
ACTION TAKEN X (22) FUTURE ACTION A (23) EFFECT ON PLANT Z (24) SHUTDOWN METHOD Z (25) HOURS 0 0 0 0 (26) ATTACHMENT SUBMITTED Y (27) NRPD-4 FORM SUB. Y (28) PRIME COMP. SUPPLIER A (29) COMPONENT MANUFACTURER V 1 1 5 (30)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)  
The apparent cause is component failure of the detector, which is located within the  
containment. The root cause of this occurrence cannot be determined as the detector  
is inaccessible during power operation. The detector will be relocated outside of  
containment under Facility Change Request 78-306.

FACILITY STATUS E (28) % POWER 0 9 5 (29) OTHER STATUS NA (30) METHOD OF DISCOVERY A (31) DISCOVERY DESCRIPTION Operator observation (32)  
ACTIVITY CONTENT Z (33) AMOUNT OF ACTIVITY NA (34) LOCATION OF RELEASE NA (35)  
PERSONNEL EXPOSURES NUMBER 0 0 0 (36) TYPE Z (37) DESCRIPTION NA (38)  
PERSONNEL INJURIES NUMBER 0 0 0 (39) DESCRIPTION NA (40)  
LOSS OF OR DAMAGE TO FACILITY TYPE Z (41) DESCRIPTION NA (42)  
PUBLICATION ISSUED N (43) DESCRIPTION NA (44)

TOLEDO EDISON COMPANY  
DAVIS-BESSE NUCLEAR POWER STATION UNIT ONE  
SUPPLEMENTAL INFORMATION FOR LER NP-33-79-92

DATE OF EVENT: July 16, 1979

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Safety Features Actuation System (SFAS) Channel 2  
Containment Radiation Detector RE 2005 spiked

Conditions Prior to Occurrence: The unit was in Mode 1, with Power (MWT) = 2625, and Load (Gross MWE) = 874.

Description of Occurrence: On July 16, 1979, at 0613 hours, SFAS Channel 2 Containment Radiation Detector RE 2005 spiked (tripping the SFAS Channel 2 Containment Radiation Bistable) and returned to normal. Several prior spikes and resulting Channel 2 Containment Radiation Bistable trips had occurred in the late evening of July 15, 1979, and the morning of July 16, 1979. In each case, the indication of RE 2005 returned to normal and the trip was manually reset. Upon receiving the trip at 0613 hours on July 16, 1979, RE 2005 was declared inoperable. This placed the unit in Action Statement of Technical Specification 3.3.2.1.b9 which requires the operability of all four SFAS containment radiation instrument strings in all modes. The SFAS Channel 2 containment radiation bistable was left in the tripped state as required by the Action Statement. The containment radiation instrument strings associated with the other three SFAS channels were operable, meeting the minimum operational requirements.

Designation of Apparent Cause of Occurrence: The apparent cause of this occurrence is component failure of the detector. The detector is located inside the containment and is therefore inaccessible during power operation so the exact mode of failure cannot be determined at this time.

Analysis of Occurrence: There was no danger to the health and safety of the public or to station personnel. The containment radiation monitoring instrument strings associated with the other three SFAS channels are operable. RE 2005 failed in the high (safe) direction.

Corrective Action: The containment radiation bistable of SFAS Channel 2 remains in the tripped state as detector RE 2005 is inaccessible during power operation. Maintenance Work Order IC-344-79 has been written to replace the detector when containment access becomes possible. Facility Change Request 78-306, which will relocate the detectors outside containment to allow access during power operation is presently being implemented.

Failure Data: A previous failure of RE 2005 was reported in Licensee Event Report NP-33-78-140.