NRC FORM 366
(7-77)

LICENSEE EVENT REPORT

CONTROL BLOCK: (1) (PLEASE PRINT OR TYP ALL REQUIRED INFORMATION)

0 | | | D | B | S | 1 (2) | Ø Ø - Ø Ø N P F - Ø 3 (3) | 4 | 1 | 1 | 1 | 1 (4) | | (5)

LICENSEE CODE — LICENSE NUMBER — LICENSE TYPE — CAT

CON'T 0 1 | REPORT SOURCE: L (6) | Ø 5 Ø - Ø 3 4 6 (7) | Ø 6 Ø 2 7 8 (8) | Ø 6 2 3 7 8 (9)

DOCKET NUMBER — EVENT DATE — REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | On 6/2/78 at 1910 hours, Channel 2 Borated Water Storage Tank (BWST) level indication
0 3 | on Safety Features Actuation System (SFAS) Channel 2 failed high. At 1930 hours on
0 4 | the same day, SFAS Channel 2 was placed in the tripped condition. Technical Specifi-
0 5 | cation 3.3.2.1 requires BWST level indication in Modes 1, 2 and 3 only. There was no
0 6 | danger to the health and safety of the public or unit personnel. Three other BWST
0 7 | level indicators (on SFAS Channels 1, 3 and 4) were operable. The unit was in Mode 6
0 8 | at the time of the occurrence. (NP-33-78-73)

0 9 | SYSTEM CODE: I B (11) | CAUSE CODE: E (12) | CAUSE SUBCODE: E (13) | COMPONENT CODE: I N S T R U (14) | COMP. SUBCODE: T (15) | VALVE SUBCODE: Z (16)

(17) LER/RO REPORT NUMBER: EVENT YEAR 7 8 | — | SEQUENTIAL REPORT NO. Ø 5 9 | / | OCCURRENCE CODE Ø 3 | REPORT TYPE L | — | REVISION NO. Ø

ACTION TAKEN: A (18) | FUTURE ACTION: Z (19) | EFFECT ON PLANT: Z (20) | SHUTDOWN METHOD: Z (21) | HOURS (22): Ø Ø Ø Ø | ATTACHMENT SUBMITTED: Y (23) | NPRD-4 FORM SUB.: Y (24) | PRIME COMP. SUPPLIER: A (25) | COMPONENT MANUFACTURER: F 1 8 Ø (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | The cause of the occurrence was a component failure of the amplifier assembly and lever
1 1 | assembly of the level transmitter. The defective parts were replaced, the transmitter
1 2 | calibrated and a string check performed. After performance of two surveillance tests,
1 3 | "BWST Level Inputs to SFAS Channel Calibration" and "SFAS Monthly", BWST level indica-
1 4 | tion for SFAS Channel 2 was declared operable at 1550 hours on 6/4/78.

1 5 | FACILITY STATUS: G (28) | % POWER: Ø Ø Ø (29) | OTHER STATUS (30): NA | METHOD OF DISCOVERY: A (31) NA | DISCOVERY DESCRIPTION (32)

1 6 | ACTIVITY RELEASED: Z (33) | CONTENT OF RELEASE: Z (34) | AMOUNT OF ACTIVITY (35): NA | LOCATION OF RELEASE (36): NA

PERSONNEL EXPOSURES

1 7 | NUMBER: Ø Ø Ø (37) | TYPE: Z (38) | DESCRIPTION (39): NA

PERSONNEL INJURIES

1 8 | NUMBER: Ø Ø Ø (40) | DESCRIPTION (41): NA

LOSS OF OR DAMAGE TO FACILITY (43)

1 9 | TYPE: Z (42) | DESCRIPTION: NA

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PUBLICITY

2 0 | ISSUED: N (44) | DESCRIPTION (45): NA

NRC USE ONLY

DVR 78-094

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TOLEDO EDISON COMPANY
DAVIS-BESSE UNIT ONE NUCLEAR POWER STATION
SUPPLEMENTAL INFORMATION FOR LER NP-33-78-73

DATE OF EVENT: June 2, 1978

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Borated Water Storage Tank (BWST) level indication on Safety Features Actuation System (SFAS) Channel 2 failed high

Conditions Prior to Occurrence: The unit was in Mode 6 with Power (MWT) = 0 and Load (MWE) = 0.

Description of Occurrence: On June 2, 1978 at 1910 hours, Channel 2 BWST level indication on SFAS Channel 2 failed high. At 1930 hours on the same date, SFAS Channel 2 was placed in the tripped condition.

Technical Specification 3.3.2.1 requires BWST level indication in Modes 1, 2 and 3 only. Since the unit was in Mode 6 at the time of the occurrence, Action Statement 9 was not applicable. This incident is being reported as a component failure.

Designation of Apparent Cause of Occurrence: The cause of the occurrence was a component failure of the amplifier assembly and lever assembly of the level transmitter. These were replaced, and the top mechanical section of the transmitter aligned.

Analysis of Occurrence: There was no danger to the health and safety of the public or to unit personnel. Three other BWST level indicators (on SFAS Channels 1, 3 and 4) were operable. The unit was in Mode 6 at the time of the occurrence.

Corrective Action: The defective parts were replaced, the transmitter calibrated, and a string check performed under Maintenance Work Order IC-357-78. Two Surveillance Tests, ST 5031.05 "BWST Level Inputs to SFAS Channel Calibration" and ST 5031.01 "SFAS Monthly" were performed. BWST level indication for SFAS Channel 2 was declared operable at 1550 hours on June 4, 1978.

Failure Data: BWST level indication was previously reported to have been inoperable in Licensee Event Reports NP-33-77-107 and NP-33-78-01 due to frozen sensing lines.