NRC FORM 366
(7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

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

01 LICENSEE CODE: O H D B S 1 (2) LICENSE NUMBER: Ø Ø - Ø Ø N P F - Ø 3 (3) LICENSE TYPE: 4 1 1 1 1 (4) CAT (5)

CON'T 01 REPORT SOURCE: L (6) DOCKET NUMBER: Ø 5 Ø - Ø 3 4 6 (7) EVENT DATE: 1 Ø Ø 5 7 8 (8) REPORT DATE: 1 1 Ø 1 7 8 (9)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 On 10/5/78, at 1300 hours the Control Room operator unsuccessfully attempted to open
03 the Component Cooling Water (CCW) Heat Exchanger 1 Service Water Outlet Valve SW 1424.
04 CCW Loop 1 was declared inoperable. The unit was placed in the Action Statement of
05 Technical Specification 3.7.3.1. There was no danger to the health and safety of the
06 public or unit personnel. The other CCW loop was operable during the short period
07 that CCW Loop 1 was inoperable. (NP-33-78-120)
08

09 SYSTEM CODE: W A (11) CAUSE CODE: E (12) CAUSE SUBCODE: B (13) COMPONENT CODE: V A L V O P (14) COMP. SUBCODE: D (15) VALVE SUBCODE: D (16)

(17) LER/RO REPORT NUMBER: EVENT YEAR: 7 8 — SEQUENTIAL REPORT NO.: 1 Ø 1 / OCCURRENCE CODE: Ø 3 REPORT TYPE: L — REVISION NO.: Ø

ACTION TAKEN: B (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: H Ø 3 5 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 Upon visual inspection it was discovered that a nut on the actuator linkage for the
11 valve was missing. CCW temperature was controlled by taking manual control of the
12 valve. Instrument and Control technicians replaced the linkage arm bolt, set the
13 stroke, the valve operator was recalibrated, and the position switches set. The
14 valve was declared operable at 1425 hours on 10/5/78.

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

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

17 PERSONNEL EXPOSURES NUMBER: Ø Ø Ø (37) TYPE: Z (38) DESCRIPTION (39): NA

18 PERSONNEL INJURIES NUMBER: Ø Ø Ø (40) DESCRIPTION (41): NA

19 LOSS OF OR DAMAGE TO FACILITY (43) TYPE: Z (42) DESCRIPTION: NA

20 PUBLICITY ISSUED: N (44) DESCRIPTION (45): NA

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TOLEDO EDISON COMPANY
DAVIS-BESSE UNIT ONE NUCLEAR POWER STATION
SUPPLEMENTAL INFORMATION FOR LER NP-33-78-120

DATE OF EVENT: October 5, 1978

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Component Cooling Water (CCW) Loop 1 inoperable due to inoperability of heat exchanger outlet valve

Conditions Prior to Occurrence: The unit was in Mode 1, with Power (MWT) = 2772, and Load (MWE) = 925.

Description of Occurrence: On October 5, 1978 at 1300 hours, the Control Room operator unsuccessfully attempted to open the CCW Heat Exchanger 1 Service Water Outlet Valve SW 1424 to control CCW heat exchanger 1 outlet temperature. He then attempted to manually stroke or operate SW 1424, but it remained closed. CCW Loop 1 was declared inoperable.

The unit was placed in the Action Statement of Technical Specification 3.7.3.1, which requires the operability of two independent cooling water loops in Modes 1, 2, 3, and 4. The action statement specifies that the inoperable loop should be restored to operable status within 72 hours or the unit must be in Hot Standby (Mode 3) within the next six hours, and in Cold Shutdown (Mode 5) within the following 30 hours.

Designation of Apparent Cause of Occurrence: Upon visual inspection it was discovered that a nut on the actuator linkage for the valve was missing. The valve had failed in the closed position since the positioner was not connected to the actuator.

Analysis of Occurrence: There was no danger to the health and safety of the public or unit personnel. The other CCW loop was operable during the short period that CCW Loop 1 was inoperable.

Corrective Action: CCW Loop 1 temperature was controlled by taking manual control of the valve. Instrument and Control technicians replaced the linkage arm bolt and set the stroke on SW-1424 under Maintenance Work Order IC557-78. Under Maintenance Work Order IC558-78, the valve operator was recalibrated, and the position switches set.

After satisfactorily completing stroke times, the valve was declared operable at 1425 hours on October 5, 1978. The unit was removed from the Action Statement of Technical Specification 3.7.3.1.

Failure Data: SW 1424 was previously reported to have been inoperable in Licensee Event Report NP-33-78-11 due to a burned solenoid valve. There have been no previously reported failures of the actuator linkages on the CCW heat exchangers service water outlet valves.

LER #78-101