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 4 1 1 1 1 ④ LICENSE TYPE ⑤ CAT

CON'T 01 REPORT SOURCE: L ⑥ DOCKET NUMBER: Ø 5 Ø - Ø 3 4 6 ⑦ EVENT DATE: Ø 2 2 Ø 7 9 ⑧ REPORT DATE: Ø 3 1 9 7 9 ⑨

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES ⑩

02 On 2/20/79 at 1300 hours while performing surveillance testing, Auxiliary Feedwater
03 (AFW) Valve AF3869 could not be closed by the motor operator. This rendered AFW Sys-
04 tem 1-1 inoperable and placed the unit in the Action Statement of T.S. 3.7.1.2. The
05 Action Statement requires the inoperable system be returned to operable status within
06 72 hours or be in Hot Shutdown within the next 12 hours. There was no danger to the
07 health and safety of the public or unit personnel. AFW System 1-2 was available to
08 feed the affected steam generator. (NP-33-79-33)

	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
09	C H ⑪	E ⑫	A ⑬	V A L V O P ⑭	A ⑮	D ⑯

⑰ LER/RO REPORT NUMBER

EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
7 9	—	Ø 3 Ø	/	Ø 3	L	—	Ø

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS ㉒	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
A ⑱	X ⑲	Z ⑳	Z ㉑	Ø Ø Ø Ø	Y ㉓	Y ㉔	A ㉕	L 2 Ø Ø ㉖

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS ㉗

10 The cause of the occurrence was due to a faulty torque switch in the motor operator for
11 AFW Valve AF3869. A replacement torque switch, of heavier duty design supplied on
12 the vendor's same part number, was installed. At 1915 hours on 2/20/79, ST 5071.01
13 was performed and AFW System 1-1 was declared operable, removing the unit from the
14 Action Statement of Technical Specification 3.7.1.2.

15 FACILITY STATUS: E ㉘ % POWER: Ø 8 7 ㉙ OTHER STATUS ㉚: NA METHOD OF DISCOVERY: B ㉛ DISCOVERY DESCRIPTION ㉜: Surveillance Test ST 5071.01

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

PERSONNEL EXPOSURES

17 NUMBER: Ø Ø Ø ㊲ TYPE: Z ㊳ DESCRIPTION ㊴: NA

PERSONNEL INJURIES

18 NUMBER: Ø Ø Ø ㊵ DESCRIPTION ㊶: NA

LOSS OF OR DAMAGE TO FACILITY ㊸

19 TYPE: Z ㊷ DESCRIPTION: NA

PUBLICITY

20 ISSUED: N ㊹ DESCRIPTION ㊺: NA

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NRC USE ONLY

DVR 79-039

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

DATE OF EVENT: February 20, 1979

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Auxiliary Feedwater (AFW) System valve torque switch failed

Conditions Prior to Occurrence: The unit was in Mode 1, with Power (MWT) = 2422, and Load (Gross MWE) = 818.

Description of Occurrence: On February 20, 1979 at 1300 hours while performing Surveillance Test ST 5071.01, "Auxiliary Feedwater System Monthly Test", AFW System Valve AF3869 could not be closed by the motor operator, but could be opened by the motor operator. This rendered AFW System 1-1 inoperable and placed the unit in the Action Statement of Technical Specification 3.7.1.2, which requires two independent steam generator auxiliary feedwater pumps and flowpaths be operable. The Action Statement requires the inoperable system be returned to operable status within 72 hours or be in Hot Shutdown within the next 12 hours.

Designation of Apparent Cause of Occurrence: The apparent cause of the occurrence was due to a faulty torque switch in the motor operator for AFW Valve AF3869. The closing torque switch would actuate and prevent the valve from closing with the motor operator. The valve could be operated manually.

Analysis of Occurrence: There was no danger to the health and safety of the public or to unit personnel. In the event of an occurrence which required the AFW System, AFW System 1-2 would have fed the affected steam generator.

Corrective Action: A new torque switch was installed under Maintenance Work Order 79-1558. This torque switch supplied on the vendor's same part number, is of a heavier duty design. At 1915 hours on February 20, 1979, Surveillance Test ST 5071.01 was performed and AFW System 1-1 was declared operable, removing the unit from the Action Statement of Technical Specification 3.7.1.2.

Failure Data: One previously reported failure of AFW System motor operator torque switches had been reported under Licensee Event Report NP-33-77-83.

LER #79-030