NRC FORM 366

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

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

0 1	LICENSEE CODE		LICENSE NUMBER		LICENSE TYPE		CAT	
0 1	O H D B S 1	(2)	Ø Ø - Ø Ø N P F - Ø 3	(3)	4 1 1 1 1	(4)		(5)

CON'T	REPORT SOURCE		DOCKET NUMBER		EVENT DATE		REPORT DATE	
0 1	L	(6)	Ø 5 Ø - Ø 3 4 6	(7)	Ø 7 Ø 8 7 9	(8)	Ø 8 Ø 2 7 9	(9)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 On July 8, 1979, during a checkout of a relay in the motor operator control circuit of
0 3 valve MS-106, "Main Steam Inlet to Auxiliary Feed Pump Turbine 1-1 Isolation Valve",
0 4 torqued out while opening. The valve was declared inoperable at 1530 hours, placing
0 5 the unit in the action statement of Technical Specification 3.7.1.2. There was no
0 6 danger to the health and safety of the public or station personnel. The unit had been
0 7 shutdown since March 31, 1979. Auxiliary Feedwater (AFW) Train 1-2 was operable through-
0 8 out this occurrence. (NP-33-79-85)

	SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE		COMP. SUBCODE		VALVE SUBCODE	
0 9	C H	(11)	E	(12)	A	(13)	V A L V O P	(14)	A	(15)	Z	(16)

(17) LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	7 9	—	Ø 7 3	/	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	
E	(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)

1 0 The apparent cause is believed to be normal wear of the valve internal parts which
1 1 necessitated slight adjustment of the torque switch setting. The torque switch
1 2 setting and the open limit switch settings were adjusted, and the valve successfully
1 3 stroked twice against full differential pressure. MS-106 was tested per the AFW Sys-
1 4 tem Monthly Test and was declared operable on July 10, 1979.

	FACILITY STATUS		% POWER		OTHER STATUS (30)	METHOD OF DISCOVERY		DISCOVERY DESCRIPTION (32)
1 5	C	(28)	Ø Ø Ø	(29)	NA	A	(31)	Observed during maintenance checkout

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

PERSONNEL EXPOSURES

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

PERSONNEL INJURIES

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

LOSS OF OR DAMAGE TO FACILITY (43)

	TYPE		DESCRIPTION
1 9	Z	(42)	NA

PUBLICITY

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

7908060455

516 009

NRC USE ONLY

DVR 79-104 NAME OF PREPARER John J. O'Neill PHONE: 419-259-5000, Ext. 293

TOLEDO EDISON COMPANY
DAVIS-BESSE NUCLEAR POWER STATION UNIT ONE
SUPPLEMENTAL INFORMATION FOR LER NP-33-79-85

DATE OF EVENT: July 8, 1979

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Main Steam line to Auxiliary Feed Pump Turbine 1-1 steam inlet isolation valve MS-106 failed to operate properly.

Conditions Prior to Occurrence: The unit was in Mode 3, with Power (MWT) = 0, and Load (Gross MWE) = 0.

Description of Occurrence: On July 8, 1979, during checkout of the relay in the motor operator control circuit of valve MS-106, "Main Steam Inlet to Auxiliary Feed Pump Turbine (AFPT) 1-1 Isolation Valve", MS-106 torqued out while opening and was declared inoperable at 1530 hours. This placed the unit in the Action Statement of Technical Specification 3.7.1.2 which requires two independent Auxiliary Feedwater Trains to be operable in Modes 1, 2, and 3.

Designation of Apparent Cause of Occurrence: The apparent cause of this problem is believed to be due to normal wear of the valve internal parts which made it necessary to increase the torque switch setting slightly.

Analysis of Occurrence: There was no danger to the health and safety of the public or to station personnel. The unit had been shutdown since March 31, 1979, and throughout this occurrence. Auxiliary Feedwater Train 2 was operable at the time of this occurrence.

Corrective Action: Under Maintenance Work Order (MWO) 79-2461, the motor operator was removed, inspected and reinstalled. The open torque switch setting was increased from 1.9 to 2.5. The valve was stroked twice and operated properly. However, when operations personnel attempted to stroke the valve, it torqued out while going closed. Maintenance personnel then decreased the open torque switch setting of the valve to 2.4 and made a slight adjustment to the open limit switch in order to keep it closed longer when the valve is moving off its back seat. The valve was stroked twice against full differential pressure and operated properly. MS-106 was then tested per ST 5071.01, "Auxiliary Feedwater System Monthly Test", and was declared operable on July 10, 1979. A Maintenance Work Order has been written to inspect MS-106 internally at the refueling outage.

Failure Data: A previous inoperability of valve MS-106 was reported in Licensee Event Report NP-33-79-03. This previous incident was caused by a dirt buildup on the valve stem.

LER #79-073