NRC FORM 366 (7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

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

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)
	LICENSEE CODE	LICENSE NUMBER	LICENSE TYPE	CAT

CON'T

0 1	REPORT SOURCE: L (6)	Ø 5 Ø - Ø 3 4 6 (7)	Ø 2 1 5 7 9 (8)	Ø 3 1 5 7 9 (9)
		DOCKET NUMBER	EVENT DATE	REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 On 2/15/79 at approximately 1130 hours, the System 7 Computer tripped. This rendered
0 3 the Fire Detection System remote monitoring system inoperable, and placed the unit in
0 4 the Action Statement of Technical Specification 3.3.3.8. As required by the Action
0 5 Statement, a fire watch patrol was established to check all fire detection cabinets
0 6 hourly and guards were posted on vital doors. There was no danger to the health and
0 7 safety of the public or to unit personnel. (NP-33-79-30)
0 8

	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
0 9	A B (11)	E (12)	B (13)	B L O W E R (14)	Z (15)	Z (16)

(17) LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	7 9	—	Ø 2 6	/	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)	Z (19)	Z (20)	Z (21)	Ø Ø Ø Ø	Y (23)	N (24)	A (25)	1 Ø 1 Ø (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The occurrence was due to a component failure of the computer's core cooling fan .
1 1 seizing and subsequent overheating of the System 7 Computer core. On 2/15/79, at
1 2 approximately 1300 hours, temporary cooling was established. This placed the system
1 3 back in operation and removed the unit from the Action Statement of Technical Specifi-
1 4 cation 3.3.3.8. On 2/20/79, the fan was replaced.

	FACILITY STATUS	% POWER	OTHER STATUS (30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
1 5	E (28)	Ø 8 [illegible] (29)	NA	A (31)	Operator observation

	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

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NRC USE ONLY

DVR 79-038 NAME OF PREPARER Mike Borysiak PHONE: 419-259-5000, Ext. 233

TOLEDO EDISON COMPANY
DAVIS-BESSE NUCLEAR POWER STATION UNIT ONE
SUPPLEMENTAL INFORMATION FOR LER NP-33-79-30

DATE OF EVENT: February 15, 1979

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Failure of the System 7 Security/Fire/Radiation Computer

Conditions Prior to Occurrence: The unit was in Mode 1, with Power (MWT) = 2397, and Load (Gross MWE) = 805.

Description of Occurrence: On February 15, 1979 at approximately 1130 hours, the System 7 Computer tripped on a thermal overload. This rendered the Fire Detection System remote monitoring system inoperable, and placed the unit in the Action Statement of Technical Specification 3.3.3.8. The Action Statement of Technical Specification 3.3.3.8 requires an hourly fire watch be established within one hour. The Shift Foreman declared the System 7 Computer inoperable, notified station security to furnish guards, and established a fire watch to check all fire detection cabinets hourly.

Designation of Apparent Cause of Occurrence: The occurrence was due to a component failure of the computer's core cooling fan seizing and subsequent overheating of the System 7 Computer core.

Analysis of Occurrence: There was no danger to the health and safety of the public or to unit personnel. A fire watch was established and guards posted on vital doors.

Corrective Action: On February 15, 1979, at approximately 1300 hours, the core was pulled from the cabinet and temporary cooling was established. This placed the system back in operation and removed the unit from the Action Statement of Technical Specification 3.3.3.8. On February 16, 1979, an IBM Service Representative was called and on February 20, 1979, the IBM Service Representative replaced the fan.

Failure Data: There have been two previously reported failures of the System 7 Computer, but the cause was not determined to be due to a fan failure (see Licensee Event Report NP-33-79-11).

LER #79-026