LICENSEE EVENT REPORT

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

Line	Field	Entry
01	LICENSEE CODE (2)	O H D B S 1
	LICENSE NUMBER (3)	Ø Ø - Ø Ø Ø Ø Ø - Ø Ø
	LICENSE TYPE (4)	4 1 1 1 1
	CAT (5)	
CON'T 01	REPORT SOURCE (6)	L
	DOCKET NUMBER (7)	Ø 5 Ø Ø Ø 3 4 6
	EVENT DATE (8)	Ø 9 Ø 9 8 2
	REPORT DATE (9)	1 Ø Ø 7 8 2

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 (NP-33-82-51) On 9/8/82 at 1908 hours, operators received a high decay heat (DH) flow
03 alarm. The DH flow indicator for DH Pump 2 read >4200 gpm. It was verified that DH
04 Pump 2 was not running. High pressure injection (HPI) flow indication for HPI Pump 2
05 also showed high flow with no pump running. HPI and LPI/DH flow indication for Train
06 2 was declared inoperable, and the station entered the action statement of Technical
07 Specification 3.5.2. There was no danger to the health and safety of the public or
08 station personnel. Both trains were still capable of injecting water.

Line 09	SYSTEM CODE (11)	CAUSE CODE (12)	CAUSE SUBCODE (13)	COMPONENT CODE (14)	COMP. SUBCODE (15)	VALVE SUBCODE (16)
	C F	E	X	I N S T R U	P	Z

(17) LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	8 2	—	Ø 4 6	/	Ø 3	L	—	Ø

ACTION TAKEN (18)	FUTURE ACTION (19)	EFFECT ON PLANT (20)	SHUTDOWN METHOD (21)	HOURS (22)	ATTACHMENT SUBMITTED (23)	NPRD-4 FORM SUB. (24)	PRIME COMP. SUPPLIER (25)	COMPONENT MANUFACTURER (26)
A	X	Z	Z	Ø Ø Ø Ø	Y	Y	N	L Ø 4 5

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The -24 VDC power supply for the buffer cards failed causing the indication to fail
11 high. The cause of the power supply failure is unknown at this time. The power
12 supply was replaced under MWO IC-414-82. HPI and LPI Train 2 flow indication was de-
13 clared operable at 1544 hours on 9/9/82, removing the station from the action statement.
14 The power supply will be returned to the manufacturer for failure analysis.

Line	Field	Entry
15	FACILITY STATUS (28)	E
	% POWER (29)	Ø 4 Ø
	OTHER STATUS (30)	NA
	METHOD OF DISCOVERY (31)	A
	DISCOVERY DESCRIPTION (32)	Operator observation
16	ACTIVITY RELEASED (33)	Z
	CONTENT OF RELEASE (34)	Z
	AMOUNT OF ACTIVITY (35)	NA
	LOCATION OF RELEASE (36)	NA
17	PERSONNEL EXPOSURES NUMBER (37)	Ø Ø Ø
	TYPE (38)	Z
	DESCRIPTION (39)	NA
18	PERSONNEL INJURIES NUMBER (40)	Ø Ø Ø
	DESCRIPTION (41)	NA
19	LOSS OF OR DAMAGE TO FACILITY TYPE (42)	Z
	DESCRIPTION (43)	NA
20	PUBLICITY ISSUED (44)	N
	DESCRIPTION (45)	NA
	NRC USE ONLY	

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PDR ADOCK 05000346
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DVR 82-102

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TOLEDO EDISON COMPANY
DAVIS-BESSE NUCLEAR POWER STATION UNIT ONE
SUPPLEMENTAL INFORMATION FOR LER NP-33-82-51

DATE OF EVENT: September 8, 1982

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Low Pressure Injection (LPI) and High Pressure Injection (HPI) Train 2 Flow Indication Failed High

Conditions Prior to Occurrence: The unit was in Mode 1 with Power (MWT) = 1109 and Load (Gross MWE) = 343.

Description of Occurrence: At 1908 hours on September 8, 1982, the operators received a high decay heat (DH) flow alarm, and the DH flow indicator for DH Pump 2 showed > 4200 gpm. The operator verified that DH Pump 2 was not running. The operator also observed the HPI flow indication for HPI Pump 2 showed high flow with no pump running. An initial check showed the -24 VDC buffer card power supply in the essential metering cabinet had zero output. The HPI and LPI/DH for ECCS train 1-2 was declared inoperable, and the station entered the action statement of Technical Specification 3.5.2.

Designation of Apparent Cause of Occurrence: The -24 VDC power supply for the buffer cards failed causing the indication to fail high. The cause of the power supply failure is unknown at this time.

Analysis of Occurrence: There was no danger to the health and safety of the public or station personnel. Only the indication for HPI and DH Train 2 was inoperable as the HPI/LPI system would have started on an SFAS signal. In addition, Train 1 of ECCS was operable and would have provided injection water.

Corrective Action: The -24 VDC power supply was replaced under Maintenance Work Order IC-414-82. HPI and LPI flow 1-2 indication was declared operable at 1544 hours on September 9, 1982, removing the station from the action statement of Technical Specification 3.5.2. The power supply is being returned to the manufacturer, Lambda Electronics for failure analysis.

Failure Data: Previous similar occurrences of the loss of HPI Train 2 flow indication have been reported in Licensee Event Reports NP-33-81-10 (81-011) and NP-33-81-30 (81-027).

LER #82-046