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 1 2 6 7 9 (8) REPORT DATE: 1 2 2 1 7 9 (9)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

On November 26, 1979, a low oil level alarm for Reactor Coolant Pump (RCP) 1-2 was received. Reactor power was reduced and the RCP was tripped. The Shift Foreman instructed personnel to reduce the Reactor Protection System (RPS) high flux setpoint to 78.5% of full power. During a log review at 0800 hours on 11/27/79, it was found that the value of 78.5% was in excess of the 78.3% value allowed by Technical Specification 2.2.1 for three RCP operation. There was no danger; the actual setpoints exceeded the tech spec value by 0.08% of the allowed value. (NP-33-79-135)

09		
SYSTEM CODE	I A	(11)
CAUSE CODE	D	(12)
CAUSE SUBCODE	Z	(13)
COMPONENT CODE	I N S T R U	(14)
COMP. SUBCODE	Y	(15)
VALVE SUBCODE	Z	(16)

(17) LER/RO REPORT NUMBER

EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
7 9	—	1 1 8	/	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)	G (19)	Z (20)	Z (21)	Ø Ø Ø Ø	Y (23)	N (24)	N (25)	B Ø 4 5 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

The setpoints were readjusted to within the allowable value by 0850 hours on 11/27/79. The cause of the low oil level alarm has not yet been determined. The cause of the incorrect setpoint setting has been attributed to procedural deficiencies in that correct and concise information was not provided. Appropriate procedure modifications have been prepared to correct these deficiencies.

15	FACILITY STATUS	% POWER	OTHER STATUS (30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
	E (28)	Ø 6 8 (29)	NA	B (31)	Routine log review

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

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

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

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

8001020 435

20	PUBLICITY ISSUED	DESCRIPTION (45)	NRC USE ONLY
	N (44)	NA	

DVR 79-178 & 79-177

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GPO 917-926

TOLEDO EDISON COMPANY
DAVIS-BESSE NUCLEAR POWER STATION UNIT ONE
SUPPLEMENTAL INFORMATION FOR LER NP-33-79-135

DATE OF EVENT: November 26, 1979

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: After tripping Reactor Coolant Pump (RCP) 1-2, the flux trip setpoint was readjusted to a value slightly in excess of technical specifications

Conditions Prior to Occurrence: The unit was in Mode 1, with Power (MWT) = 1885 and Load (Gross MWE) = 638.

Description of Occurrence: At 2145 hours on November 26, 1979, a motor lower bearing oil level alarm low (L808) for RCP 1-2 was received in the control room. As dictated by the immediate action of EP 1202.16, RCP and Motor Emergency Procedure, reactor power was reduced and RCP 1-2 was tripped. Instrument and Control personnel were then called to lower the flux trip setpoint corresponding to three RCP operation. By 0000 hours on November 27, 1979, the new flux trip setpoint value was obtained from the Shift Foreman and the trip bistables were reset.

During log review at 0800 hours on November 27, 1979, the 78.5% setpoint value obtained from the Shift Foreman was discovered to be in excess of 78.3% which is the maximum allowed per the Technical Specification 2.2.1 for three RCP operation. An additional setpoint adjustment was completed by 0858 hours on November 27, 1979, to lower the trip bistable setpoint within technical specification requirements.

Designation of Apparent Cause of Occurrence: At the time of this writing, evaluations by Toledo Edison personnel and Westinghouse had not established a cause for the motor lower bearing oil level low alarm.

The cause for incorrectly setting the flux trip setpoint has been attributed to procedure deficiencies in that correct and concise information was not provided. The EP 1202.16, RCP and Motor Emergency Procedure used during the trip of RCP 1-2 does not relate a need for resetting the trip setpoints to any value or specity the value.

Analysis of Occurrence: There was no danger to the health and safety of the public or to station personnel. By the procedure, trip voltages set into the bistable may have a tolerance of (+) 0.000 VDC to (-) 0.060 VDC with respect to the percent rated thermal power desired. This maintains that the actual setpoint applied may be more conservative than that specified. In this case, the actual voltage to which the bistables were set corresponds to 78.46% of rated thermal power. This value exceeds technical specifications (by .08% of the allowable value) which is expected to be within safety margins.

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Corrective Action: Modifications will be prepared to the RCP and Motor Emergency Procedure EP 1202.16 and Power Operation PP 1102.04 to reflect technical specification requirements for three RCP operation flux trip setpoints.

Failure Data: There have been no previously reported procedural difficulties concerning reactor protection system high flux trip setpoint.

LER #79-118

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