

LICENSEE EVENT REPORT

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

0 1 0 H D B S 1 2 0 0 - 0 0 N P F - 0 3 3 4 1 1 1 1 4 5
7 8 9 14 15 25 26 30 57 CAT 58
LICENSEE CODE LICENSE NUMBER LICENSE TYPE

CON'T

REPORT SOURCE: 01 L 6 0 5 0 - 0 3 4 6 7 0 2 0 8 7 9 0 0 3 0 7 7 9 0
DOCKET NUMBER: 60 61 68 69 74 75 80
EVENT DATE: 74 75 80
REPORT DATE: 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

On 2/8/79 at 0830 hours, it was discovered that the Diesel Fire Pump battery electrolyte level in four cells was slightly below the top of the cell plates. The Diesel Fire Pump was declared inoperable at 0830 hours on 2/8/79, placing the unit in the Action Statement of T.S. 3.7.9.1. There was no danger to the health and safety of the public or unit personnel. The electric fire pump was available. The Diesel Fire Pump did start and run satisfactorily even with the slightly low electrolyte level indicating it also could respond. (NP-33-79-27)

7	8	9	SYSTEM CODE		CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE				COMP. SUBCODE	VALVE SUBCODE					
0	9		A	B	D	Z	B	A	T	T	R	Y	Z	Z			
7	8		9	10	11	12	13	14	15	16	17	18	19	20			
LER/RO REPORT NUMBER			EVENT YEAR			SEQUENTIAL REPORT NO.			OCCURRENCE CODE		REPORT TYPE	REVISION NO.					
17			7	9	—	0	2	2	/	0	3	L	—	0			
			21	22	23	24	25	26	27	28	29	30	31	32			
ACTION TAKEN		FUTURE ACTION	EFFECT ON PLANT		SHUTDOWN METHOD		HOURS			ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER		
X	Z		Z		Z					Y		N	A	C	7	4	2
18	19		20		21					22	23	24	25	26	27	28	29
33	34		35		36					40	41	42	43	44	45	46	47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | The cause of the occurrence was procedure error. The Station Battery Weekly Surveil-

1 1 | lance Test only required personnel to check the cells levels, but did not require per-

1 2 | sonnel to fill to the high fill point. As the result of evaporation, the level de-

1 3 | creased to slightly below the plates. Upon discovery, the levels were restored, the

1 4 | pump was declared operable, and the unit removed from the Action Statement.

7 8 9
FACILITY STATUS 1 5 E 28 29 30
% POWER 0 8 7 31
OTHER STATUS NA
METHOD OF DISCOVERY B 32
DISCOVERY DESCRIPTION Surveillance Test ST 5084.01

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35)

1 6 2 33 34 NA

LOCATION OF RELEASE (36)

NA

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7	0	0	0	(37)	Z	(38)	NA	(39)

7903130400

PERSONNEL INJURIES										
NUMBER				DESCRIPTION						
1	2	3	4	5	6	7	8	9	10	
7	8	9	10	11	12	13	14	15	16	
				40	NA					

1		9		Z		42		NA		43	
7		8		9		10					
LOSS OF OR DAMAGE TO FACILITY											
TYPE DESCRIPTION											

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00

ISSUED N (44) DESCRIPTION NA (45)

PUBLICITY

NRC USE ONLY

68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00

120 250 5000 Est. 27.6

TOLEDO EDISON COMPANY
DAVIS-BESSE NUCLEAR POWER STATION UNIT ONE
SUPPLEMENTAL INFORMATION FOR LER NP-33-79-27

DATE OF EVENT: February 8, 1979

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Diesel Fire Pump battery electrolyte level low

Conditions Prior to Occurrence: The unit was in Mode 1, with Power (MWT) = 2409, and Load (Gross MWE) = 783.

Description of Occurrence: On February 8, 1979 at 0830 hours during the performance of the "Diesel Fire Pump Weekly Surveillance Test", ST 5016.01, it was discovered that the Diesel Fire Pump battery electrolyte level in four cells was slightly below the top of the cell plates. The surveillance test was suspended, and the Diesel Fire Pump was declared inoperable at 0830 hours on February 8, 1979, per Technical Specification 3.7.9.1.

Technical Specification Surveillance Requirement 4.7.9.1.3 requires that the fire pump diesel 24 volt battery bank and charger be demonstrated operable by at least once per seven days verifying that the electrolyte level of each cell is above the plates.

Designation of Apparent Cause of Occurrence: The apparent cause of the occurrence was an inadequate procedure. ST 5084.01, "Station Battery Weekly Surveillance Test" only required personnel to check the cells levels, but did not require personnel to fill to the high fill point. The Station Battery Weekly Surveillance Test was performed on February 7, 1979, and verified that the electrolyte level in the Diesel Fire Pump batteries was above the plates. Since the electrolyte level was verified as being above the plates, no electrolyte was added. As the result of evaporation, the electrolyte level decreased enough such that the level was found to be below the plates during the performance of ST 5016.01 on February 8, 1979 at 0830 hours.

Analysis of Occurrence: There was no danger to the health and safety of the public or to unit personnel. The electric fire pump was available had an incident occurred requiring the Fire Protection System. In addition, it should be noted that the Diesel Fire Pump did start and run satisfactorily even with the slightly low electrolyte level indicating it also could respond to an incident requiring the Fire Protection System.

Corrective Action: Upon discovery of the low electrolyte level, Maintenance Work Order 79-1422 was written to raise the levels in the cells above the plates. The levels were restored to normal and the Diesel Fire Pump was then declared operable at 1315 hours on February 8, 1979, thus removing the unit from the Action Statement of Technical Specification 3.7.9.1.

There is an existing modification (T-2694) to ST 5084.01, "Station Battery Weekly Surveillance Test" which addresses the verification of all battery cell electrolyte levels in the Diesel Fire Pump batteries. In order to clarify T-2694, modification M-2705 has been submitted and will incorporate T-2694 into the procedure (ST 5084.01) and also provide additional information for the filling of all Diesel Fire Pump battery cells each week.

Failure Data: There has been one previously reported occurrence of low Diesel Fire Pump battery electrolyte level. See Licensee Event Report NP-33-78-52.

LER #79-022