

## CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

REPORT SOURCE L 6 0 5 0 - 0 3 4 6 7 1 0 0 6 7 8 8 1 1 0 1 7 8 9

60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

2 At 2315 hours on 10/6/78, Channel 1 of the Steam and Feedwater Rupture Control System  
3 (SFRCS) tripped, rendering the channel inoperable. The unit was placed in Action  
4 Statement 13 of Technical Specification 3.3.2.2. There was no danger to the health  
5 and safety of the public or unit personnel. The other SFRCS channels were operable  
6 during the period that SFRCS Channel 1 was inoperable. SFRCS Channel 1 failed in  
7 the safe position (in the tripped position) by the failure. (NP-33-78-121)  
8

8 5

SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE					
C	D	E		E		I	N	S	T	R	U	P	Z				
9	10	11	12	13	14	15	16	17	18	19	20	21	22				
EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.									
7	8	1	0	2	0	3	L	0									
21	22	23	24	25	26	27	28	29									
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRO-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER	
A	Z	Z	Z	0	0	Y	Y	A	L	0	4	5					
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

0	The power supply for the channel was found to be defective. The unit was removed from
1	Action Statement 13 of Technical Specification 3.3.2.2 at 2301 hours on 10/9/78 when
2	the unit entered Mode 4. The defective power supply was replaced with another bench-
3	tested unit from stock on 10/10/78.

8 9		FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
5	E	28	0	9	2	29	NA	A	31	NA	32
8	9	10	11	12	13	14	15	16	17	18	19
ACTIVITY		CONTENT		RELEASED OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE		36	
6	Z	33	Z	34	NA	35	NA	36	37	38	39
8	9	10	11	12	13	14	15	16	17	18	19
PERSONNEL EXPOSURES		NUMBER		TYPE		DESCRIPTION		41		42	
7	0	0	0	37	Z	38	NA	39	40	41	42
8	9	10	11	12	13	14	15	16	17	18	19
PERSONNEL INJURIES		NUMBER		DESCRIPTION		41		42		43	
8	9	10	11	12	13	14	15	16	17	18	19
LOSS OF OR DAMAGE TO FACILITY		TYPE		DESCRIPTION		43		44		45	
9	Z	42	NA	43	44	45	46	47	48	49	50
8	9	10	11	12	13	14	15	16	17	18	19
PUBLICITY		ISSUED		DESCRIPTION		45		46		47	
0	N	44	NA	45	46	47	48	49	50	51	52
8	9	10	11	12	13	14	15	16	17	18	19

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NRC USE ONLY

7811070267

NAC USE ONLY

TOLEDO EDISON COMPANY  
DAVIS-BESSE UNIT ONE NUCLEAR POWER STATION  
SUPPLEMENTAL INFORMATION FOR LER NP-33-78-121

DATE OF EVENT: October 6, 1978

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Steam and Feedwater Rupture Control System (SFRCS) Channel 1 inoperable due to inoperable power supply.

Conditions Prior to Occurrence: The unit was in Mode 1, with Power (MWT) = 2550, and Load (MWE) = 870.

Description of Occurrence: At 2315 hours on October 6, 1978, Channel 1 of the SFRCS tripped, rendering the channel inoperable. The unit was placed in Action Statement 13 of Technical Specification 3.3.2.2, which requires the operability of each of two SFRCS channels in Modes 1, 2, and 3. Action Statement 13 states that the inoperable channel must be placed in the tripped condition within one hour.

Designation of Apparent Cause of Occurrence: The cause of the occurrence is attributed to the failure of PS-1, the 48 VDC Lambda power supply (Part No. LCS-D-48) for the channel.

Analysis of Occurrence: There was no danger to the health and safety of the public or to unit personnel. The other SFRCS channel was operable during the period that SFRCS Channel 1 was inoperable. SFRCS Channel 1 failed in the safe position (in the tripped position) by the failure.

Corrective Action: The unit was removed from Action Statement 13 of Technical Specification 3.3.2.2 at 2301 hours on October 9, when the unit entered Mode 4.

Under Maintenance Work Order I&C559-78 on October 10, 1978, an Instrument and Control technician replaced the defective power supply with another bench-tested unit from stock. SFRCS Channel 1 was returned to operable status.

Failure Data: There have been no previously reported failures of 48 VDC power supplies on SFRCS channels. Failure of a 24 VDC power supply for Steam Generator Level 1, Channel 1, was reported in Licensee Event Report NP-33-77-24.