

CONTROL BLOCK:

						(1)
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 (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CON'T

0	1
7	8

REPORT SOURCE

L	6	0	5	0	-	0	3	4	6	7	1	0	0	4	7	9	8	1	0	3	0	7	9	9
60	61								68	69						74	75							80
DOCKET NUMBER										EVENT DATE								REPORT DATE						

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

On October 4, 1979 at 1007 hours during the performance of Component Cooling Water Monthly Test, ST 5074.01, the Decay Heat Cooler 1 Component Cooling Outlet Valve CC1467 would not operate. This rendered Decay Heat and Low Pressure Injection Train 1 inoperable placing the station in the action statement of Technical Specification 3.5.2. This required the inoperable train be made operable within 72 hours. There was no danger to the health and safety of the public or station personnel. Redundant Train 2 was available. (NP-33-79-114)

0 9		SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE					
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22				
		S	F	E		B		V	A	L	V	O	P	D					
LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.									
23	24	25	26	27	28	29	30	31	32	33	34								
7	9	—	0	9	8	—	0	3	L	—	0								
ACTION TAKEN		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER					
35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50				
E	18	F	19	Z	20				Y	23	Y	24	A	25	H	0	3	5	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The inoperability of CCL467 was due to slippage of the valve linkage. The slippage

1 1 was due to a design deficiency which allows vibrations to loosen the bolt that retains

1 2 the two linkage arms. Under Maintenance Work Order IC-455-79, the linkage was rea-

1 3 ligned and calibrated. Applicable portions of ST 5074.01 were successfully performed

1 4 and the valve and train 1 declared operable at 1415 hours on October 4, 1979.

7 8 9
FACILITY STATUS (28) 1 5 E 1 0 0 % POWER (29) NA OTHER STATUS (30)

2 8 9
ACTIVITY CONTENT
RELEASED OF RELEASE (33) 1 6 Z 1 0 Z 1 1 NA AMOUNT OF ACTIVITY (35)

45 46
METHOD OF DISCOVERY (31) B Operator observation

DISCOVERY DESCRIPTION (32)

45 46
LOCATION OF RELEASE (36) NA

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7	0	0	0	(37)	2	(38)	NA	(39)

PERSONNEL INJURIES	
NUMBER	DESCRIPTION
1 8	NA

[illegible]

PUBLICITY				NRC USE ONLY											
ISSUED		DESCRIPTION													
2	0	N	NA	7911060399											
7	8	9	10												

TOLEDO EDISON COMPANY
DAVIS-BESSE NUCLEAR POWER STATION UNIT ONE
SUPPLEMENTAL INFORMATION FOR LER NP-33-79-114

DATE OF EVENT: October 4, 1979

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Decay Heat Cooler 1 Component Cooling Outlet Valve CC1467 would not operate

Conditions Prior to Occurrence: The unit was in Mode 1, with Power (MWT) = 2770, and Load (Gross MWE) = 920.

Description of Occurrence: On October 4, 1979 at 1007 hours during the performance of ST 5074.01, Component Cooling Water Monthly, CC1467 would not move. Component Cooling Pump 1 was shut off. Additional attempts to move the valve were unsuccessful. The operator suspended the test and CC1467 was declared inoperable which rendered Decay Heat and Low Pressure Injection Train 1 inoperable. This placed the unit in the Action Statement of Technical Specification 3.5.2 which requires the inoperable train be made operable within 72 hours or be in Hot Shutdown within the next 12 hours.

Designation of Apparent Cause of Occurrence: The improper operation of valve CC1467 was attributed to slippage of the valve linkage. This was caused by a design deficiency which allowed vibrations to loosen the bolt that retains the two linkage arms together.

Analysis of Occurrence: There was no danger to the health and safety of the public or to station personnel. An inspection of the Decay Heat/Low Pressure Injection Train 2 was performed to assure its availability.

Corrective Action: Under Maintenance Work Order IC-455-79, the valve linkage was realigned and calibrated. The applicable portions of ST 5074.01, Component Cooling Water Monthly Surveillance Test and ST 5074.02, Component Cooling Water System Refueling Test were performed to verify operability.

Facility Change Request 79-347 has been developed which will modify the linkage to prevent vibrations from loosening the retaining bolts on CC1467 and CC1469. This Facility Change Request is identical to Facility Change Request 79-151 which resolved the vibration problems on Service Water Valves SW1429, 1434, and 1424.

All valves of this type in the station have had the linkages inspected and tightened where necessary and the vendor has been requested to submit a modification to prevent slippage of the valve linkage and still allow adjustment.

Failure Data: There have been three previously reported occurrences with valves of this type of actuators. They were reported in Licensee Event Reports NP-33-78-120, NP-33-78-147, and NP-33-79-74.