

## 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
LICENSEE CODE								LICENSE NUMBER												LICENSE TYPE				CAT 58			

0	1	L	6	0	5	0	-	0	3	4	6	7	0	4	3	0	7	8	9	0	5	2	5	7	8	9
CON'T		REPORT SOURCE		DOCKET NUMBER										EVENT DATE				REPORT DATE								

## EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

On 4/30/78 and again on 5/1/78, it was discovered that Containment Atmosphere Gaseous Radioactivity Monitor RE 5030 had a low flow indication. The redundant monitor, RE 5029 was out of service for maintenance purposes. This placed the unit in the Action Statement of Technical Specification 3.4.6.1. There was no danger to the health and safety of the public or unit personnel. Grab samples could have been taken as required to determine containment gaseous radioactivity levels.

(NP-33-78-54)

0	9	B	B	1	X	12	Z	13	F	I	L	T	E	R	14	Z	15	Z	16
LER/RO REPORT NUMBER		EVENT YEAR		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE		REVISION NO.			
17		7 8		1		12		13				15		16		1			
ACTION TAKEN		EFFECT ON PLANT		SHUTDOWN METHOD		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER					
B 18		Z 19		Z 20		0 4 4		0 3		L		A 25		V 1 1 5					

## CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

On 4/30/78, the filter canister on RE 5030 fell off into the pump pulley destroying the canister and throwing the belt off the pulley. It is suspected that the canister was not properly tightened after filter replacement on April 16, 1978. On 5/1/78, the pump motor pulley failed. The unit was removed from the Action Statement at 0545 hours on 5/1/78, when the unit entered Mode 5.

1	5	D	28	0	0	0	29	NA	30	B	31	Review of Surveillance Test	32
FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION					
1		0		NA		B		Review of Surveillance Test					
ACTIVITY RELEASED		CONTENT		AMOUNT OF ACTIVITY		LOCATION OF RELEASE							
1		Z		NA		NA							

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

1	8	0	0	0	40	NA	41
PERSONNEL INJURIES		DESCRIPTION					
1		NA					

1	9	Z	42	NA	43
LOSS OF OR DAMAGE TO FACILITY		DESCRIPTION			
1		NA			

2	0	N	44	NA	45
PUBLICITY		DESCRIPTION			
2		NA			

TOLEDO EDISON COMPANY  
DAVIS-BESSE UNIT ONE NUCLEAR POWER STATION  
SUPPLEMENTAL INFORMATION FOR LER NP-33-78-54

DATES OF EVENT: April 30, 1978 and May 1, 1978

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Containment Post Accident Radiation Monitor RE 5030 was inoperable.

Conditions Prior to Occurrence: The unit was in Mode 4, with Power (MWT) = 0, and Load (MWE) = 0.

Description of Occurrence: On April 30, 1978, at 1800 hours during the review of Surveillance Test ST 5099.05, "Shift Channel Check of RMS", it was found that Radiation Monitor RE 5030 had a low flow light. Radiation Monitor RE 5029 had been out of service for maintenance purposes. The containment atmosphere gaseous radioactivity monitoring system was thus inoperable. The unit was placed in the Action Statement of Technical Specification 3.4.6.1. Technical Specification 3.4.6.1 requires the operability of the containment atmosphere gaseous radioactivity monitoring system in Modes 1, 2, 3 and 4. The Action Statement states that operation may continue for up to 30 days provided grab samples are attained and analyzed at least once per 24 hours.

After performance of ST 5099.05 at 0230 hours on May 1, 1978, low flow indication was again found on RE 5030, and the monitor was declared inoperable. The unit was again placed in the Action Statement of Technical Specification 3.4.6.1. 1

Designation of Apparent Cause of Occurrence: On April 30, 1978, the filter canister on the radiation monitor fell off, and hit the pump pulley. The filter canister was destroyed, and the belt drive thrown off the pulley. The reason that the canister fell is not known, but it is suspected that it was not properly tightened after filter replacement on April 16, 1978.

The cause of the occurrence on May 1, 1978, is attributed to component failure of the pump motor pulley. 1

Analysis of Occurrence: There was no danger to the health and safety of the public or to unit personnel. The unit was in the process of reducing reactor power in preparation for a maintenance outage. Although the containment atmosphere gaseous radioactivity monitoring system was inoperable, grab samples would have been obtained to determine radioactivity levels inside containment.

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Corrective Action: Under Maintenance Work Order 78-997 on April 30, 1978, the canister and pump motor pulley were put back in place. The unit was removed from the Action Statement of Technical Specification 3.4.6.1 at 1900 hours on April 30, 1978, after completion of ST 5099.05.

The unit was again removed from the Action Statement of Technical Specification 3.4.5.1 when the unit entered Mode 5 at 0545 hours on May 1, 1978. Under Maintenance Work Order 78-997 on May 15, 1978, a new pump and pump motor pulley were installed.

Since the unit was in the Action Statement for fewer than 24 hours for each of these occurrences, no grab samples were taken.

Failure Data: RE 5029 and RE 5030 were previously reported to have been inoperable due to pump-related problems in Licensee Event Reports NP-33-78-30 and NP-33-78-45. There have been no previous failures of radiation monitors caused by loose filter canisters.

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