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REPORT SOURCE

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60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

POCKET NUMBER

EVENT DATE

REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

SYSTEM CODE B B (11)		CAUSE CODE E (12)		CAUSE SUBCODE B (13)		COMPONENT CODE P U M P X X (14)				COMP. SUBCODE H (15)		VALVE SUBCODE Z (16)																			
EVENT YEAR 7 9 (17)		SEQUENTIAL REPORT NO. — 0 8 5 (18)		OCCURRENCE CODE — 0 3 (19)		REPORT TYPE L (20)		REVISION NO. 0 (21)		ACTION TAKEN A (22)		FUTURE ACTION F (23)		EFFECT ON PLANT Z (24)		SHUTDOWN METHOD Z (25)		HOURS 0 0 0 0 (26)				ATTACHMENT SUBMITTED Y (27)		NPRD-4 FORM SUB. Y (28)		PRIME COMP. SUPPLIER A (29)		COMPONENT MANUFACTURER V 1 1 5 (30)			

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

7 8 9

FACILITY STATUS

1 5 E 28

% POWER

1 0 0 29

OTHER STATUS 30

NA

METHOD OF DISCOVERY

A 31

DISCOVERY DESCRIPTION 32

Operator observation

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

LOSS OF OR DAMAGE TO FACILITY						(43)
TYPE		DESCRIPTION				
1	9	Z	(42)	NA		7908230529
2	8	9	10			

PUBLICITY
ISSUED DESCRIPTION (45)
2 0 N (44) NA
7 8 9 10 68 69 8
NRC USE ONLY

TOLEDO EDISON COMPANY
DAVIS-BESSE NUCLEAR POWER STATION UNIT ONE
SUPPLEMENTAL INFORMATION FOR LER NP-33-79-98

DATE OF EVENT: July 22, 1979

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 1, with Power (MWT) = 2755, and Load (Gross MWE) = 908.

Description of Occurrence: At 1610 hours on July 22, 1979, the Post-Accident Radiation Monitor RE 5030 was found to be off as the overloads on the motor were tripped. The overloads were reset and pump restarted at 1650 hours. After tripping repeatedly, RE 5030 was declared inoperable at 0430 hours on July 23, 1979.

This placed the unit in the action statement of Technical Specification 3.3.3.6 which requires that two post-accident containment monitoring systems be operable in Modes 1, 2, or 3. The action statement requires that the inoperable radiation monitor be returned to service within 30 days or the unit must be placed in hot shutdown (Mode 4) within the next 12 hours.

Designation of Apparent Cause of Occurrence: Upon disassembly of the failed pump, it was discovered the failure was caused by the bearing losing lubrication due to high ambient temperature and severe service conditions.

Analysis of Occurrence: There was no danger to the health and safety of the public or to station personnel. This instrument does not control any equipment but is used for monitoring purposes only. No other systems were affected by this occurrence. No incident requiring use of this instrumentation occurred during the time the monitor was inoperable. The other containment post-accident radiation monitor, RE 5029, was operable during the periods that RE 5030 was inoperable.

Corrective Action: Under Maintenance Work Order 79-1906, the pump was replaced on RE 5030 with a rebuilt pump. On July 23, 1979 at 0600 hours, Surveillance Test ST 5032.01, "Monthly Functional Test of Radiation Monitoring System" was completed and RE 5030 was declared operable, removing the unit from the action statement of Technical Specification 3.3.3.6.

Improved pump bearings with high temperature rated lubricant will be installed per Maintenance Work Order 78-159A. Facility Change Request 78-521 has been written to reduce pump speed in order to decrease the load on the pump bearings. A preventative maintenance program has been established for these radiation monitor pumps.

TOLEDO EDISON COMPANY
DAVIS-BESSE NUCLEAR POWER STATION UNIT ONE
SUPPLEMENTAL INFORMATION FOR LER NP-33-79-98

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Failure Data: This is a repetitive failure. Previous pump related problems with the radiation monitors have been reported in Licensee Event Reports NP-33-78-30, NP-33-78-45, NP-33-78-54, NP-33-78-77, NP-33-79-37, NP-33-79-42, NP-33-79-95, and NP-33-79-96.

LER #79-085

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