NRC FORM 366 (7-77)

LICENSEE EVENT REPORT

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

01 LICENSEE CODE: O H D B S 1 (2) LICENSE NUMBER: 00-00000-00 (3) LICENSE TYPE: 4 1 1 1 1 (4) CAT (5)

CON'T 01 REPORT SOURCE: L (6) DOCKET NUMBER: 0 5 0 0 0 3 4 6 (7) EVENT DATE: 0 9 0 2 7 8 (8) REPORT DATE: 0 8 0 4 8 1 (9)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

(NP-33-78-111) On 9/2/78, containment post-accident radiation monitor RE 5029 was observed to have erratic flow and was declared inoperable by the Shift Supervisor. The unit was then placed in the action statement of Technical Specification 3.3.3.6. There was no danger to the health and safety of the public or station personnel. The redundant post-accident radiation monitor, RE 5030, was operable.

SYSTEM CODE	B B (11)
CAUSE CODE	E (12)
CAUSE SUBCODE	B (13)
COMPONENT CODE	M O T O R X (14)
COMP. SUBCODE	Z (15)
VALVE SUBCODE	Z (16)

(17) LER/RO REPORT NUMBER — EVENT YEAR	7 8
SEQUENTIAL REPORT NO.	0 9 4
OCCURRENCE CODE	0 3
REPORT TYPE	X
REVISION NO.	1

ACTION TAKEN	A (18)
FUTURE ACTION	X (19)
EFFECT ON PLANT	Z (20)
SHUTDOWN METHOD	Z (21)
HOURS (22)	0 0 0 0
ATTACHMENT SUBMITTED	Y (23)
NPRD-4 FORM SUB.	Y (24)
PRIME COMP. SUPPLIER	A (25)
COMPONENT MANUFACTURER	R 1 6 5 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

The cause is due to component failure of the motor on the pump. These motors have been drawing excessive current and failing at the high ambient temperatures. Under MWOs 78-2139 and 78-2167 new bearings and a new solenoid valve were installed. FCRs 78-159 and 78-521 have been implemented to replace the bearings and reduce the speed of the pumps in the radiation monitors, respectively.

FACILITY STATUS	E (28)
% POWER	0 7 5 (29)
OTHER STATUS (30)	NA
METHOD OF DISCOVERY	A (31)
DISCOVERY DESCRIPTION (32)	NA
ACTIVITY RELEASED	Z (33)
CONTENT OF RELEASE	Z (34)
AMOUNT OF ACTIVITY (35)	NA
LOCATION OF RELEASE (36)	NA
PERSONNEL EXPOSURES NUMBER	0 0 0 (37)
TYPE	Z (38)
DESCRIPTION (39)	NA
PERSONNEL INJURIES NUMBER	0 0 0 (40)
DESCRIPTION (41)	NA
LOSS OF OR DAMAGE TO FACILITY TYPE	Z (42)
DESCRIPTION (43)	NA
PUBLICITY ISSUED	(44)
DESCRIPTION (45)	NA

NRC USE ONLY

8108170102 810804
PDR ADOCK 05000346
S PDR

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TOLEDO EDISON COMPANY
DAVIS-BESSE UNIT ONE NUCLEAR POWER STATION
SUPPLEMENTAL INFORMATION FOR LER NP-33-78-111

DATE OF EVENT: September 2, 1978

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Containment Post-Accident Radiation Monitor RE 5029 inoperable.

Conditions Prior to Occurrence: The unit was in Mode 1, with Power (MWT) = 2089, and Load (MWE) = 700.

Description of Occurrence: At 1356 hours on September 2, 1978, Containment Post-Accident Radiation Monitor RE 5029 was observed to have erratic flow and, therefore, declared inoperable by the Shift Foreman. The unit was then placed in the Action Statement of Technical Specification 3.3.3.6, which requires post-accident monitoring instrumentation to be operable while the unit is in Modes 1, 2 or 3. The Action Statement requires that the inoperable unit be restored within 30 days or the unit must be placed in Hot Shutdown within the next 12 hours.

1 Designation of Apparent Cause of Occurrence: The apparent cause of this occurrence is a component failure of the motor on the pump. These motors have been drawing excessive current and failing at the high ambient temperatures.

Analysis of Occurrence: There was no danger to the health and safety of the public or to unit personnel. The other post-accident radiation monitor, RE 5030, was operable during the period that RE 5029 was inoperable.

Corrective Action: Under Maintenance Work Order 78-2139 and 78-2167 new bearings and a new solenoid valve were installed. The unit from the Action Statement of Technical Specification 3.3.3.6 after completion of Surveillance Test ST 5032.01, "Monthly Functional Test of the Radiation Monitoring System", at 0145 hours on September 16.

1 Facility Change Request (FCR) 78-159 has been implemented to replace the inboard and outboard pump motor bearings with Fafnir #203PP and #205PP bearings. These bearings were packed with a grease which has a higher temperature rating. In addition, the speed of the pumps in RE 5029 and RE 5030 was reduced as a result of FCR 78-521. This change will reduce the motor load and consequently decrease the pump wear and internal heating.

Failure Data: There have been numerous component failures of the Radiation Monitors, however, those pertaining to motor related failures include NP-33-78-30, NP-33-78-77 and NP-33-78-105.