NRC FORM 366
(7-77)

LICENSEE EVENT REPORT

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

0 1 | OHDBS1 (2) | 0 0 - 0 0 0 0 - 0 0 (3) | 4 1 1 1 1 (4) | (5)
LICENSEE CODE | LICENSE NUMBER | LICENSE TYPE | CAT

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | (NP-33-81-49) On 7/27/81 at 2255 hours, a reactor operator noticed that the pump for
0 3 | RE 5030 had tripped. An equipment operator was sent to investigate, restarted the pump
0 4 | and reported that it appeared to have bad bearings. The pump was shut off, and the
0 5 | station entered the action statement of T.S. 3.3.3.6. There was no danger to the
0 6 | public or station personnel. There was no release of radiation, and containment isola-
0 7 | tion was not breached. The containment atmosphere was monitered by using grab samples.
0 8 |

SYSTEM CODE | CAUSE CODE | CAUSE SUBCODE | COMPONENT CODE | COMP SUBCODE | VALVE SUBCODE
0 9 | B B (11) | E (12) | F (13) | P U M P X X (14) | X (15) | Z (16)

(17) LER/RO REPORT NUMBER: EVENT YEAR 8 1 | SEQUENTIAL REPORT NO. 0 4 3 | OCCURRENCE CODE 0 3 | REPORT TYPE L | REVISION NO. 0

ACTION TAKEN: C (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: X (25) | COMPONENT MANUFACTURER: C 5 1 8 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | The cause was a component failure. The pump had last been changed out on 8/3/80, and
1 1 | it finally reached the point where it wore out and would not pump the required volume
1 2 | of air. The pump was changed with a new one, and the radiatio monitor was returned
1 3 | to service. Under Facility Change Request 80-050, a new style pump is to be installed.
1 4 |

FACILITY STATUS: E (28) | % POWER: 1 0 0 (29) | OTHER STATUS (30): NA | METHOD OF DISCOVERY: A (31) | DISCOVERY DESCRIPTION (32): Reactor r[illegible]cator observation

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 (43): TYPE Z (42) | DESCRIPTION: NA

PUBLICITY: ISSUED N (44) | DESCRIPTION (45): NA

NRC USE ONLY

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DVR 81-0[illegible]

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TOLEDO EDISON COMPANY
DAVIS-BESSE NUCLEAR POWER STATION UNIT ONE
SUPPLEMENTAL INFORMATION FOR LER NP-33-81-49

DATE OF EVENT: July 27, 1981

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Containment Post Accident Radiation Monitor RE 5030 failure

Conditions Prior to Occurrence: The unit was in Mode 1 with Power (MWT) = 2773 and Load (Gross MWE) = 911

Description of Occurrence: At 2255 hours on July 27, 1981, the reactor operator noticed that the pump for RE 5030 had tripped. An equipment operator was sent to investigate, restarted the pump and reported that it appeared to have bad bearings. The pump was shut off, and the station entered the action statement of Technical Specification 3.3.3.6 which required no reduction in reactor power, but grab samples of containment were taken by Chemistry and Health Physics personnel once every 24 hours.

Current (amp) readings taken on the motor indicated there was no problem with the bearings. Instrument and Control personnel found that the pump would not run due to low flow. Adjustments were made and flow was increased enough to enable the pump to run, but the normal flow could not be obtained. The pump was changed out with a new pump and was then declared operable. Maintenance Work Order 81-2928 was issued to change the pump.

Designation of Apparent Cause of Occurrence: The cause of the failure was due to component failure. The pump had last been changed out on September 3, 1980, and it finally reached the point where it wore out and would not pump the required volume of air.

Analysis of Occurrence: There was no danger to the health and safety of the public or to station personnel. At no time was containment isolation breached, and there was no release of radiation. The containment atmosphere was monitored by using grab samples.

Corrective Action: The pump was changed with a new one, and the radiation element was returned to service under Maintenance Work Order 81-2928. A new style pump is to be installed under Facility Change Request 80-050 which should solve the repetitive pump problem.

Failure Data: Previous occurrences were reported in Licensee Event Reports NP-33-78-143 (78-120), NP-33-78-91 (78-077), NP-33-78-111 (78-094), NP-33-78-45 (78-038), NP-33-78-30 (78-026), and NP-33-81-42 (81-036).

LER #81-043