

LICENSEE EVENT REPORT

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

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01 REPORT SOURCE L 6 0 5 0 0 0 2 4 9 7 1 0 2 7 8 2 8 1 1 0 9 8 2 9
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 During normal operations, an excessive water leakage was discovered leaking from 3B re-
03 circ pump seal (Tech. Spec. 6.6.B.1.c). An orderly load reduction was commenced to
04 isolate the 3B recirc pump. Event was of minimal safety significance since all leak-
05 age was contained in drywell floor drain system. There was no effect on public health
06 or safety. First occurrence of this type reported at Dresden.
07
08

09 SYSTEM CODE C B 11 CAUSE CODE E 12 CAUSE SUBCODE B 13 COMPONENT CODE P U M P X X 14 COMP. SUBCODE B 15 VALVE SUBCODE Z 16
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
17 LER/RO REPORT NUMBER 8 2 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
ACTION TAKEN A 18 FUTURE ACTION X 19 EFFECT ON PLANT A 20 SHUTDOWN METHOD A 21 HOURS 0 0 7 8 22 ATTACHMENT SUBMITTED Y 23 NPRO-4 FORM SUB. Y 24 PRIME COMP. SUPPLIER N 25 COMPONENT MANUFACTURER G 0 8 0 26
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The cause of the leakage was failure of the recirc pump seals. A Generating Station
11 Emergency Plan unusual event was declared because of the excessive water leakage and
12 terminated after isolation of 3B Recirc pump. Unit manually brought down and recirc
13 pump seals replaced. Upon discovery of the nature of this particular failure, a sup-
14 plemental LER will be submitted.

15 FACILITY STATUS E 28 % POWER 0 9 8 29 OTHER STATUS N/A 30 METHOD OF DISCOVERY A 31 DISCOVERY DESCRIPTION Operator Observation 32
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
16 ACTIVITY CONTENT Z 33 RELEASED OF RELEASE Z 34 AMOUNT OF ACTIVITY N/A 35 LOCATION OF RELEASE N/A 36
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
17 PERSONNEL EXPOSURES NUMBER 0 0 0 37 TYPE Z 38 DESCRIPTION N/A 39
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
18 PERSONNEL INJURIES NUMBER 0 0 0 40 DESCRIPTION N/A 41
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
19 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 DESCRIPTION N/A 43
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
20 PUBLICATION ISSUED N 44 DESCRIPTION 8211160439 821109 PDR ADOCK 05000249 S PDR
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

NAME OF PREPARER Wayne Morgan

PHONE: 815-942-2920, X-489

ATTACHMENT TO LICENSEE EVENT REPORT 82-42/01T-0

COMMONWEALTH EDISON COMPANY (CWE)

DRESDEN UNIT 3 (ILDRS-3)

DOCKET # 050-249

During normal operations, water was discovered leaking from the 3B Recirc pump. An orderly load reduction was commenced to isolate the 3B Recirc pump. All leakage was contained inside the drywell and directed to the drywell floor drain system. The drywell sump pumps indicated about 41.5 GPM leakage into the primary containment compared to a Tech. Spec. limit of 5 GPM. Therefore, a Generating Station Emergency Plan unusual event was declared. This condition was terminated after the recirc pump was successfully isolated and a subsequent leakage check showed total leakage to be about 4 GPM.

The unit was manually shut down and the 3B Recirc pump seals were removed and replaced with new seals. An investigation into this particular recirc pump seal failure is being conducted and upon discovery of the nature of the problem, a supplemental LER will be submitted.



Commonwealth Edison

DEVIATION REPORT

DVR NO. 12 - 3 - 82 - 70
STA UNIT YEAR NO.

PART 1

TITLE OF DEVIATION

Failure of Recirc Pump 3B Seals

OCCURRED

10/27/82 2300

DATE

TIME

SYSTEM AFFECTED 202

Reactor

PLANT STATUS AT TIME OF EVENT

Recirculation

MODE Run

PWR(MWT)

2490

LOAD(MWE)

815

TESTING

☐ YES ☒ NO

DESCRIPTION OF EVENT

Increasing D/W pressure, hi R/C pump seal temps. and hi seal leakage at approximately 2300

indicated an increasing amount of leakage from 3B Recirc pump seals. A load drop of 200 MWe/hr began at 2320 to allow isolation of 3B R/C pump to stop leakage. At approximately 2400, total D/W leakage was calculated to be greater than 25 GPM (41.5 GPM). A GSEP unusual event was declared and notifications made at 0014 on 10/28/82. "B" loop was isolated at approximately 0130. Several sump discharge measurements were made to determine the

leakage after the loop was isolated. (over)

10 CFR50.72 NRC RED PHONE

☒ YES ☐ NO

NOTIFICATION MADE

YES NO

EQUIPMENT FAILURE

D 23648

☒ YES ☐ NO

WORK REQUEST NO.

RESPONSIBLE SUPERVISOR

Thomas Mohr

DATE 10/28/82

PART 2

OPERATING ENGINEER'S COMMENTS

Rx operation continues with 3B recirc loop isolated per DPR 25 Section 3L (single loop operation). Planning is in progress to replace the 3B recirc pump seal at the earliest opportunity.

☐ EVENT OF PUBLIC INTEREST☐ TECH. SPEC. VIOLATION☐ NON REPORTABLE OCCURRENCE☒ 14 DAY REPORTABLE/T.S. 6.6.B.1.c☐ 30 DAY REPORTABLE/T.S.☐ ANNUAL/SPECL REPORT REQ'D☒ 24-HOUR NRC NOTIFICATION REQ'D

TELEPH Tom Tongue

REGION III

10/28/82 0730

DATE TIME

TELEGM/TELECOPY James Keppler

REGION III

10/28/82 1210

DATE TIME

☐ CECO CORPORATE NOTIFICATION MADE
IF ABOVE NOTIFICATION IS PER 10CFR21
☐ 5-DAY WRITTEN REPORT REQ'D PER 10CFR21

Telecopy Dennis P. Galle

10/28/82 1235

TELEPH W. P. Worden

10/28/82 0030

CECO CORPORATE OFFICER

DATE TIME

A.I.R. #

L.E.R. # 82-42/01T-0

PRELIMINARY REPORT
COMPLETED AND REVIEWED

Michael Wright

OPERATING ENGINEER

10/28/82

DATE

INVESTIGATED REPORT & RESOLUTION
ACCEPTED BY STATION REVIEW

RESOLUTION APPROVED AND
AUTHORIZED FOR DISTRIBUTION

J. Brunner
11/9/82

John W. Worden
11/9/82

Kenning
STATION SUPERINTENDENT

11/9/82
DATE

Description of Event (con't)

Measurement at 0320 was 2.66 GPM floor drain leakage and 1.66 GPM equipment drain leakage at 0330. At 0333, GSEP condition was terminated. Rx power was brought up with A pump to approximately 50 percent power.