



Commonwealth Edison

Dresden Nuclear Power Station

R.R. #1

Morris, Illinois 60450

Telephone 815/942-2920

April 30, 1979

BBS LTR #79-316

James G. Keppler, Regional Director
Directorate of Regulatory Operations - Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Reportable Occurrence Report #79-022/03L-0, Docket #050-237 is hereby submitted to your office in accordance with Dresden Nuclear Power Station Technical Specification 6.6.B.2.(b), conditions leading to operation in a degraded mode permitted by a limiting condition for operation or plant shutdown required by a limiting condition for operation.

B. B. Stephenson 4/27

B. B. Stephenson
Station Superintendent
Dresden Nuclear Power Station

BBS:lbg

Enclosure

cc: Director of Inspection & Enforcement
Director of Management Information & Program Control
File/NRC

7905040432

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Commonwealth Edison

DEVIATION REPORT

DVR NO. STA UNIT YEAR NO.
D-12-2-79-40

PART-1 TITLE OF DEVIATION

Unit 2 Diesel Gen. Failure to Start.

OCCURRED

3-31-79

11:15

DATE

TIME

SYSTEM AFFECTED 6600

PLANT CONDITIONS

Diesel Generator

MODE Refuel

PWR (MWT)

0

LOAD (MWE)

0

TESTING

☒ YES☐ NO

DESCRIPTION OF EVENT

During core spray logic checks, the diesel was auto started. The diesel turned over with air start motors then stopped.

DESCRIPTION OF CAUSE

Unknown at this time

OTHER APPLICABLE INFORMATION

The governor linkage was exercised & the diesel started & ran ok. Two additional starts were made satisfactorily. DOS 6600-1 completed ok at 1300 after third successful start.

EQUIPMENT ☒ YES
FAILURE ☐ NO

DR NO.

N/A

WR NO.

2374

Randall Black

3-31-79

RESPONSIBLE SUPERVISOR

DATE

PART 2 OPERATING ENGINEERS COMMENTS

LPRM work was stopped & fuel pool gates were installed. No fuel in reactor vessel. Minimal safety significance.

TYPE OF DEVIATION
REPORTABLE OCCURRENCE☐

14 DAY

☐

10CFR21

☒

30 DAY

NOTIFICATION
6.6.B.2.bEVENT OF POTENTIAL
PUBLIC INTEREST☐TECH SPEC
VIOLATION☐NON-REPORTABLE
OCCURRENCE☐ANNUAL
REPORTING

YES

☒

NO

☐SAFETY-
RELATED
WR ISSUED

YES

☒

NO

☐REPORTABLE OCCURRENCE
NUMBER

79-22-03L-0

ACTION ITEM NO.

N/A

PROMPT ON-SITE NOTIFICATION

A. Roberts Asst. Supt.

4/23/79

2:55

TITLE

DATE

TIME

N/A

TITLE

DATE

TIME

24-HOUR NRC NOTIFICATION

☐

TPH

N/A

☐

TGM

REGION III

DATE

TIME

N/A

REGION III & DOL

DATE

TIME

PROMPT OFF-SITE NOTIFICATION

F. A. Palmer

4-23-79

2:55

TITLE

DATE

TIME

J. R. Gilliom

4-23-79

2:55

TITLE

DATE

TIME

RESPONSIBLE COMPANY OFFICER INFORMED OF 10CFR21
CONDITIONS AND THEIR REPORT TO NRC

TITLE

DATE

TIME

John W. Wujciga

4/18/79

REVIEW AND COMPLETED

OPERATING ENGINEER

DATE

ACCEPTANCE BY STATION REVIEW
AS REQUIRED

DATE

RESOLUTION APPROVED AND
AUTHORIZED FOR DISTRIBUTION

STATION SUPERINTENDENT

DATE

7905040561

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 2 3 4 5 6 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 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 I L D R S 2 2 0 0 - 0 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5
7 8 9 14 15 25 26 30 57 58

CON'T
0 1 REPORT SOURCE L 6 0 5 0 0 0 2 3 7 7 0 3 3 1 7 9 8 0 4 3 0 7 9 9
7 8 60 61 68 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 During U2 refueling and while U 2/3 D/G was out of service for maintenance, a core
0 3 spray logic check was performed. U2 D/G failed to auto start. It cranked but would
0 4 not build up the proper starting speed. The governor linkage was found in the closed
0 5 position. It was exercised and diesel started. It was then started successfully
0 6 several times.. Safety significance of this event was minimum because offsite power
0 7 remained available at all times.

0 8
7 8 9 80

0 9 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE
7 8 9 10 11 12 13 14 15 16
E E 11 E 12 A 13 ENGINE 14 Z 15 Z 16
17 LER/RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.
7 9 0 2 2 0 3 L 0
21 22 23 24 25 26 27 28 29 30 31 32
A 18 Z 19 Z 20 Z 21 0 0 0 0 N 23 Y 24 A 25 W 2 9 0 26
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 LPRM work was stopped and fuel pool gates were installed. At manu-
1 1 facturer's suggestion, the shutdown solenoid was replaced. The diesel ran successful
1 2 several times. The removed solenoid was tested but no fault could be found,
1 3 although a sticking solenoid is postulated. No further corrective action is now
1 4 scheduled because of the singular nature of this event.

1 5 FACILITY STATUS % POWER OTHER STATUS (30) METHOD OF DISCOVERY DISCOVERY DESCRIPTION (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 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
H 28 0 0 0 29 NA B 31 Core spray logic test

1 6 ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (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 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
Z 33 Z 34 NA NA

1 7 PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION (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 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
0 0 0 37 Z 38 NA

1 8 PERSONNEL INJURIES NUMBER DESCRIPTION (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 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
0 0 0 40 NA

1 9 LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION (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 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
Z 42 NA

2 0 PUBLICITY ISSUED DESCRIPTION (45)
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 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
N 44 NA

NAME OF PREPARER Joe Chan

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