



Commonwealth Edison

Dresden Nuclear Power Station

R.R. #1

Morris, Illinois 60450

Telephone 815/942-2920

DLB

April 13, 1981

DJS LTR #81-299

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 #81-11/03L-0, Docket #050-249 is being 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.

D. J. Scott

D. J. Scott
Station Superintendent
Dresden Nuclear Power Station

DJS:lg

Enclosure

cc: Director of Inspection & Enforcement
Director of Management Information & Program Control
U.S. NRC, Document Mgt. Branch
File/NRC

APR 17 1981

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 3 2 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5
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 1 REPORT SOURCE L 6 0 5 0 0 0 2 4 9 7 0 4 0 3 8 1 8 0 4 1 0 8 1 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 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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

0 2 During an orderly unit shutdown while performing the quarterly timing surveillance
0 3 of the main steam isolation valves, valve 3-203-1C had a closure time of 2.3 seconds.
0 4 Tech. Spec. Table 3.7.1 requires closure time limits of between 3 and 5 seconds.
0 5 Minimal effect upon public health and safety because remaining MSIV closure times
0 6 were within Tech. Spec. limits and all valves were operable. There have been similar
0 7 occurrences, the last being R.O. #80-046/03L-0.

0 8
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 9 SYSTEM CODE C D 11 CAUSE CODE E 12 CAUSE SUBCODE B 13 COMPONENT CODE V A L V E X 14 COMP. SUBCODE F 15 VALVE SUBCODE D 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 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

17 LER/RO REPORT NUMBER 8 1 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

ACTION TAKEN E 18 Z 19 FUTURE ACTION Z 20 EFFECT ON PLANT Z 21 SHUTDOWN METHOD 0 0 0 0 22 HOURS 0 0 0 0 23 ATTACHMENT SUBMITTED N 24 NPRO-4 FORM SUB. N 25 PRIME COMP. SUPPLIER N 26 COMPONENT MANUFACTURER C 6 6 5 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

1 0 MSIV 3-203-1C timing mechanism became misadjusted during normal plant operation.
1 1 MSIV 3-203-1C was adjusted and timed at 3.4 seconds. The quarterly timing surveil-
1 2 lance will continue to be performed to ensure proper closure times are maintained.
1 3
1 4

1 5 FACILITY STATUS D 28 % POWER 0 3 2 29 OTHER STATUS NA 30 METHOD OF DISCOVERY B 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 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

1 6 ACTIVITY CONTENT Z 33 Z 34 AMOUNT OF ACTIVITY N/A 35 LOCATION OF RELEASE NA 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

1 7 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 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

1 8 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 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

1 9 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 DESCRIPTION NA 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

2 0 PUBLICITY ISSUED N 44 DESCRIPTION NA 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

NAME OF PREPARER Randy D. Speroff

PHONE: 815-942-2920



Commonwealth Edison

DEVIATION REPORT

DVR NO. STA UNIT YEAR NO.
D - 12 - 3 - 81 - 25

PART 1 TITLE OF DEVIATION

MSIV 3-203-1C Fast Closure

OCCURRED
4/3/81 2100
DATE TIME

SYSTEM AFFECTED 203
Main Steam

PLANT CONDITIONS

MODE Run PWR (MWT) 810 LOAD (MWE) 229

TESTING
☒ YES ☐ NO

DESCRIPTION OF EVENT

While performing DOS 250-2 "Quarterly Timing of Main Steam Isolation Valves" valve 3-203-1C was found to close too quickly (2.3 sec.)

DESCRIPTION OF CAUSE

Unknown

OTHER APPLICABLE INFORMATION

None

EQUIPMENT ☒ YES
FAILURE ☐ NO

DR NO.
N/A

WR NO.
N/A

M. Wright

4/3/81

RESPONSIBLE SUPERVISOR

DATE

PART 2 OPERATING ENGINEERS COMMENTS

The 1C MSIV was closed to isolate the steam line. The unit was in the process of an orderly Unit shutdown to restore the HPCI steam line to the operability requirements of I.E. Bulletin 79-14. 1C MSIV was adjusted to meet the 3 to 5 second timing limits, prior to unit startup.

TYPE OF DEVIATION REPORTABLE OCCURRENCE

☐ 14 DAY ☐ 10CFR21

☒ 30 DAY NOTIFICATION
6.6.B.2.b

EVENT OF POTENTIAL PUBLIC INTEREST

☐

TECH SPEC VIOLATION

☐

NON-REPORTABLE OCCURRENCE

☐

ANNUAL REPORTING

YES ☒
NO ☐

SAFETY-RELATED WR ISSUED

YES ☐
NO ☒

REPORTABLE OCCURRENCE NUMBER

81-11/03E-0

ACTION ITEM NO.

PROMPT ON-SITE NOTIFICATION

R. M. Ragan

4/6/81

1400

TITLE

DATE

TIME

TITLE

DATE

TIME

24-HOUR NRC NOTIFICATION

☒ In person Tom Tongue 4/5/81 1400
REGION III DATE TIME

☐ TGM REGION III & DOL DATE TIME

PROMPT OFF-SITE NOTIFICATION

F. Palmer

4/6/81

1430

TITLE

DATE

TIME

TITLE

DATE

TIME

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

TITLE

DATE

TIME

REVIEW AND COMPLETED

Michael Wright

4/6/81

OPERATING ENGINEER

DATE

ACCEPTANCE BY STATION REVIEW AS REQUIRED

DATE

RESOLUTION APPROVED AND
AUTHORIZED FOR DISTRIBUTION

J. Brunner *Michael Wright*
4/14/81 4-14-81
Douglas West
STATION SUPERINTENDENT

4/14/81
DATE