



Commonwealth Edison

Dresden Nuclear Power Station

R.R. #1

Morris, Illinois 60450

Telephone 815/942-2920

March 15, 1983

DJS Ltr. #83-283

50-249

James G. Keppler, Regional Administrator
Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

A copy of Deviation Report #12-3-83-14 is being submitted to your office in accordance with 10 CFR 20.405 to report an occurrence of levels of radiation or concentrations of radioactive material in a restricted area in excess of any other applicable limit in the license. This report describes the event and corrective actions being taken to prevent recurrence.

DJ Scott

D. J. Scott
Station Superintendent
Dresden Nuclear Power Station

DJS/nh

Enclosure

cc/ Director of Inspection & Enforcement
File/NRC

8303220093 830315
PDR ADOCK 05000249
S PDR

MAR 17 1983

IE 22

SUPPLEMENTAL DVR

D | - | 1 | 2 | - | 0 | 3 | - | 8 | 3 | - | 1 | 4 | (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 | 1 | L | D | R | S | 3 | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | X | X | X | X | X | 4 | X | X | 5
7 8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

CON'T
0 1 | REPORT SOURCE | X | 6 | X | X | X | X | X | X | X | X | 7 | 0 | 2 | 1 | 9 | 8 | 3 | 3 | 0 | 3 | 1 | 5 | 8 | 3 | 9
7 8 90 91 DOCKET NUMBER 98 99 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)
0 2 | Following a spurious Reactor scram, the isolation condenser automatically initiated
0 3 | due to a Group I isolation. The unit operator opened the 3-1301-10 valve which al-
0 4 | lowed contaminated demineralized water into the shell side of the isolation condenser
0 5 | for make-up. Approximately 22,400 gallons were added allowing 0.7 millicuries to
0 6 | steam out the vent. Safety significance was minimal since the radioactive release
0 7 | was of a very low level and limited to within site boundary. No effect on public
0 8 | health or safety. Previous similar occurrence reported by DVR 12-2-81-14.
7 8 9

0 9 | SYSTEM CODE | S | B | 11 | CAUSE CODE | A | 12 | CAUSE SUBCODE | A | 13 | COMPONENT CODE | V | A | L | V | E | X | 14 | COMP. SUBCODE | E | 15 | VALVE SUBCODE | D | 16
7 8 9 10 11 12 13 14 15 16 17 18 19 20

17 | DVR REPORT NUMBER | 8 | 3 | 21 | 22 | SEQUENTIAL REPORT NO. | 0 | 1 | 4 | 24 | 26 | OCCURRENCE CODE | X | X | 28 | 29 | REPORT TYPE | X | 30 | REVISION NO. | 0 | 32
ACTION TAKEN | X | 18 | FUTURE ACTION | X | 19 | EFFECT ON PLANT | Z | 20 | SHUTDOWN METHOD | Z | 21 | HOURS | 0 | 0 | 0 | 0 | 37 | ATTACHMENT SUBMITTED | N | 23 | NPRO-4 FORM SUB. | X | 24 | PRIME COMP. SUPPLIER | N | 25 | COMPONENT MANUFACTURER | C | 6 | 6 | 5 | 26
33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
1 0 | Cause of the event was personnel error. The unit operator opened the MO-3-1301-10
1 1 | allowing contaminated water into the shell side of the isolation condenser instead
1 2 | of opening MO-3-4399-74 which allows clean demineralized water into the shell. The
1 3 | activity in the isolation condenser was reduced by "feeding and bleeding" with clean
1 4 | demineralized water. The contaminated area outside the Unit 3 Reactor Building was
7 8 9 (over) 80

1 5 | FACILITY STATUS | G | 28 | % POWER | 0 | 0 | 5 | 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

1 6 | ACTIVITY CONTENT RELEASED OF RELEASE | M | 33 | M | 34 | AMOUNT OF ACTIVITY | .7 millicuries | 35 | LOCATION OF RELEASE | Isolation Condenser Vent to Atmosphere | 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

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

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

1 9 | 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

2 0 | PUBLICITY ISSUED | N | 44 | DESCRIPTION | N/A | 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



Commonwealth Edison

DEVIATION REPORT

DVR NO. 12 - 3 - 83 - 14
STA UNIT YEAR NO.

PART 1 TITLE OF DEVIATION OCCURRED
Opened 3-1301-10 Valve on Iso Condenser 2/19/83 1730
DATE TIME

SYSTEM AFFECTED 1300 PLANT STATUS AT TIME OF EVENT TESTING
Isolation Condenser MODE Refuel, PWR(MWT) 130, LOAD(MWE) 0 YES NO

DESCRIPTION OF EVENT
During a spurious Reactor scram on U-3, the isolation condenser initiated automatically due to a GRI initiation. When the isolation condenser Low Level alarm annunciated, the NSO opened the 3-1301-10 valve to make up the shell side of the isolation condenser. This valve allowed contaminated demineralized water into the condenser. Approximately 22,400 gallons was added allowing .7 millicuries to steam out the vent. This release was discovered at 2130 and Red Phone call made at 2200.

10 CFR50.72 NRC RED PHONE NOTIFICATION MADE YES NO

EQUIPMENT FAILURE N/A
RESponsible SUPERVISOR Gary L. Smith DATE 2/19/83

PART 2 OPERATING ENGINEER'S COMMENTS
The activity in the shell side water of the isolation condenser will be reduced to below acceptable limits by "feeding-and-bleeding" with clean demin. water. Also, the contaminated areas outside of Unit 3 Reactor Building have been roped off and decontamination started.

EVENT OF PUBLIC INTEREST
TECH. SPEC. VIOLATION
NON REPORTABLE OCCURRENCE
14 DAY REPORTABLE/T.S.
30 DAY REPORTABLE/T.S.
ANNUAL/SPECL REPORT REQ'D 10CFR 20.405
A.I.R. #
L.E.R. #
24-HOUR NRC NOTIFICATION REQ'D
TELEPH N/A
TELEGM/TELECOPY N/A
CECO CORPORATE NOTIFICATION MADE
5-DAY WRITTEN REPORT REQ'D PER 10CFR21
Telecopy Dennis P. Galle 2/22/83 1127
CECO CORPORATE OFFICER DATE TIME

PRELIMINARY REPORT COMPLETED AND REVIEWED T. Ciesla 2/21/83 OPERATING ENGINEER DATE

INVESTIGATED REPORT & RESOLUTION ACCEPTED BY STATION REVIEW J. Brunner 3/15/83 J.A. Ciesla 3/15/83

RESOLUTION APPROVED AND AUTHORIZED FOR DISTRIBUTION Douglas Just 3/16/83 STATION SUPERINTENDENT DATE