



Commonwealth Edison

Dresden Nuclear Power Station

R.R. #1

Morris, Illinois 60450

Telephone 815/942-2920

April 6, 1979

BBS Ltr. #79-311

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 #79-16/01T-0, Docket # 050-237
is hereby submitted to your office in accordance with Dresden
Nuclear Power Station Technical Specification 6.6.B.1.(C),
abnormal degradation discovered in fuel cladding, reactor
coolant pressure boundary, or primary containment.

B.B. Stephenson
Station Superintendent
Dresden Nuclear Power Station

BBS/kmh

Enclosure

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

REGULATORY DOCKET FILE COPY

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ATTACHMENT TO LICENSEE EVENT REPORT 79-016/01T-0
COMMONWEALTH EDISON COMPANY (CWE)
DRESDEN UNIT 2 (ILDRS-2)
DOCKET # 050-237

During the current refueling outage, workers discovered water dripping from an elbow on a drain line from the bottom of LPCI testable check valve 2-1501-25. All leakage was contained inside the drywell and directed to the Drywell Floor Drain System.

Upon further investigation the leakage was determined to be coming from a crack in the weld on the elbow. The weld was cracked 360° around the pipe.

Calculations showed that a complete severance of a 1" line such as this would be well within the capabilities of ECCS systems.

The defective weld was ground out, repaired and dye penetrant tested following approved procedures.

The weld failure was apparently due to an improper pipe fitup prior to welding the pipe originally i.e., pipe bottomed out in the socket..

7904160174

LICENSEE EVENT REPORT

CONTROL BLOCK:

(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 3 4 1 1 1 1 4 5
7 8 9 14 15 25 26 30 57 CAT 58
LICENSEE CODE LICENSE NUMBER LICENSE TYPE

CON'T

| | |
|---|---|
| 0 | 1 |
| 7 | 8 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|----|----|---------------|---|---|---|---|---|---|---|----|----|---|------------|---|---|----|----|---|-------------|---|---|---|---|----|
| REPORT SOURCE | L | 6 | 0 | 5 | 0 | 0 | 0 | 2 | 3 | 7 | 7 | 0 | 3 | 2 | 6 | 7 | 9 | 8 | 0 | 4 | 0 | 6 | 7 | 9 | 9 |
| | 60 | 61 | | | | | | | | | 68 | 69 | | | | | 74 | 75 | | | | | | | 80 |
| | | | DOCKET NUMBER | | | | | | | | | | | EVENT DATE | | | | | | REPORT DATE | | | | | |

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 During refueling, water was discovered to be dripping from an elbow in the drain line
0 3 on a LPCI check valve. This event was of minimal safety significance because all leak-
0 4 age was contained in the Drywell Floor Drain System and the potential leakage, con-
0 5 sidering a complete severance of the 1" line is well within the capabilities of the
0 6 ECCS systems. Previous occurrence reported as R.O. #50-237/1977-10
0 7

7 8 9 80

7 8 9 10 11 12 13 14 15 16

(17) LER/RO REPORT NUMBER
 EVENT YEAR
 SEQUENTIAL REPORT NO.
 OCCURRENCE CODE
 REPORT TYPE
 REVISION NO.

| ACTION TAKEN | | FUTURE ACTION | | EFFECT ON PLANT | | SHUTDOWN METHOD | | HOURS | | | | ATTACHMENT SUBMITTED | | NPRD-4 FORM SUB. | | PRIME COMP. SUPPLIER | | COMPONENT MANUFACTURER | | | | |
|--------------|----|---------------|----|-----------------|----|-----------------|----|-------|----|----|----|----------------------|----|------------------|----|----------------------|----|------------------------|----|----|----|----|
| B | 18 | Z | 19 | Z | 20 | Z | 21 | 0 | 0 | 0 | 0 | 22 | Y | 23 | N | 24 | N | 25 | X | 9 | 9 | 9 |
| 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 |

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Cause of leak was failure of weld due to improper pipe fitup prior to welding, i.e.

1 1 pipe was apparently bottomed out in socket. Defective weld was ground out, repaired

1 2 and dye-penetrant tested in accordance with approved procedures.

1 3

1 4

| FACILITY STATUS | | % POWER | | | OTHER STATUS | | METHOD OF DISCOVERY | | DISCOVERY DESCRIPTION | | | | |
|-----------------|---|---------|----|---|--------------|---|---------------------|-----|-----------------------|---|----|----------------------|----|
| 1 | 5 | H | 28 | 0 | 0 | 0 | 29 | N/A | 30 | A | 31 | Operator Observation | 32 |

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35)
1 6 Z (33) Z (34) N/A
7 8 9 10 11 44

* LOCATION OF RELEASE (36)
N/A
45 80

| PERSONNEL EXPOSURES | | | DESCRIPTION |
|---------------------|-------|--------|-------------|
| NUMBER | TYPE | | |
| 1 7 | 0 0 0 | (37) Z | (38) N/A |

| PERSONNEL INJURIES | | NUMBER | | DESCRIPTION | |
|--------------------|---|--------|---|-------------|--------|
| 1 | 3 | 0 | 0 | 0 | 40 N/A |

| 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 | |
|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|
| 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 | |
| 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 | |
| 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 | |
| 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 | |
| 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 | |
| 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | 12 | | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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|--------|---|-------------|----|-------------|-----|--------------|--|
| ISSUED | | PUBLICATION | | DESCRIPTION | | NRC USE ONLY | |
| 2 | 0 | N | 44 | 45 | N/A | | |

NAME OF PREPARER J. F. Dunbar

PHONE: X-265