

50-237

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

INCIDENT REPORT

TO: Mr. James G. Keppler

FROM: Commonwealth Edison Company
Morris, Illinois
B. B. Stephenson

DATE OF DOCUMENT
5/13/77DATE RECEIVED
5/20/77

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☐ UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

1CC

DESCRIPTION

DO NOT REMOVE
ACKNOWLEDGED

PLANT NAME:

Dresden Unit No. 2

(1-P)

RJL

ENCLOSURE

Licensee Event Report (RO 50-237/1977-17)
on 4/13/77 concerning the ball isolation
valve on "E" Traversing Incore Probe System
Guide Tube failing to open from the Control
Room.....

NOTE: IF PERSONNEL EXPOSURE IS INVOLVED
SEND DIRECTLY TO KREGER/J. COLLINS

FOR ACTION/INFORMATION

BRANCH CHIEF:

W/3 CYS FOR ACTION

LIC. ASST.:

W/1 CYS

ACRS 16 CYS HOLDING/SENT

Davis

Diggs

AS LATE

INTERNAL DISTRIBUTION

REG-FILE

NRC-PDR

I & E (2)

MIPG

SCHROEDER/IPPOLITO

HOUSTON

NOVAK/CHECK

GRIMES

BUTLER

HANAUER

TEDESCO/MACCARY

EISENHUT

BAER

SHAO

VOLLMER/BUNGH

KREGER/J. COLLINS

EXTERNAL DISTRIBUTION

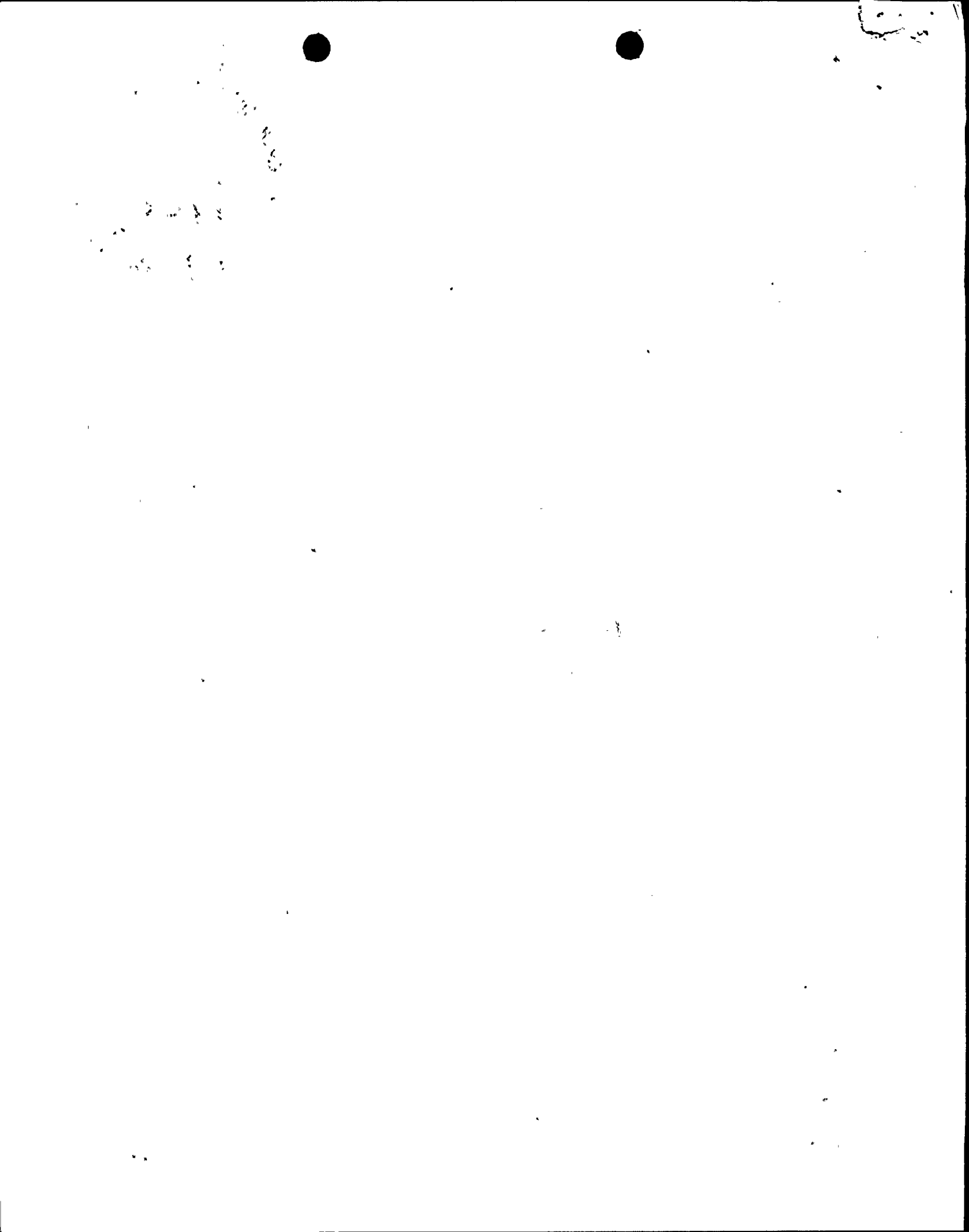
LPDR: Morris, J.

TIC:

NSIC:

CONTROL NUMBER

771400156





Commonwealth Edison
Dresden Nuclear Power Station
R.R. #1
Morris, Illinois 60450
Telephone 815/942-2920

BBS Ltr. #77-773

May 13, 1977



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

Enclosed please find Reportable Occurrence report number 50-237/1977-17.
This report is being submitted to your office in accordance with the
Dresden Nuclear Power Station Technical Specifications, Section 6.6.B.

B. B. Stephenson for 5/13
B.B. Stephenson
Station Superintendent
Dresden Nuclear Power Station

Regulatory Docket File

BBS:bc

Enclosure

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

771400156

RECEIVED DOCUMENT
PROCESSING UNIT

1971 MAY 19 PM 2 33

PLEASE PRINT ALL REQUIRED INFORMATION:

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EVENT DESCRIPTION

| SYSTEM CODE | | CAUSE CODE | COMPONENT CODE | | | | | COMPONENT SUPPLIER | COMPONENT MANUFACTURER | | | | VIOLATION | (cont) | |
|-------------|----|------------|----------------|----|----|----|----|--------------------|------------------------|----|----|----|-----------|--------|--|
| S | D | E | V | A | L | V | E | X | N | G | 0 | 8 | 0 | N | |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 43 | 44 | 45 | 46 | 47 | 48 | | |

08 Failure occurred because of the buildup in the valve of material which apparently
7 8 9 80
09 rubbed off the TIP probe and wire drive. The material accumulated between the
7 8 9 80
10 moving parts of the valve and valve body, causing minor interference. (cont)
7 8 9 80

| NUMBER | | | TYPE | DESCRIPTION |
|--------|-----|--|------|-------------|
| 13 | 000 | | Z | NA |

| NUMBER | | | DESCRIPTION |
|--------|-----|--|-------------|
| 14 | 000 | | NA |

[illegible]

| TYPE | | DESCRIPTION |
|------|---|-------------|
| 16 | Z | NA |

| | |
|----|----|
| 17 | NA |
|----|----|

| | | |
|----|----|--|
| 18 | NA | |
|----|----|--|

19

PHONE: _____ Ext. 265

Event Description (cont)

shear valve would have been available as a backup to assure Primary Containment integrity. The TIP ball valves on both Dresden Units 2 and 3 were replaced with improved valves in 1975. This is the first failure of these valves since that modification (50-237/1977-17).

Cause Description (cont)

The valve was inspected and attempts were made to trouble shoot the problem. It was tested again but it continued to operate erratically. The valve was then replaced and the new valve tested satisfactorily. The valve is a 1/4 inch rotating ball, solenoid actuated, designed to seal against a 0-125 psig air-water mixture, manufactured by General Pneumatic Corporation, cat. no. 608 KWJ06 revision 3.

