

50-237

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

INCIDENT REPORT

TO: Mr. James G. Keppler

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

DATE OF DOCUMENT

5/31/77

DATE RECEIVED

6/15/77

☒ LETTER
☐ ORIGINAL
☒ COPY

☐ NOTORIZED
☒ UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

1 cc

DESCRIPTION

ENCLOSURE

Licensee Event Report (RO 50-237/1975-48) on 10/7/75 (Update report) concerning a through wall crack being discovered during normal operation in the Unit No. 2 drywell-torus nitrogen purge line 1604-18"...

ACKNOWLEDGED

PLANT NAME:

Dresden Unit No. 2

RJL 6/17/77

DO NOT REMOVE

(2-P)

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

FOR ACTION/INFORMATION

BRANCH CHIEF:

ZIEGLER

W/3 CYS FOR ACTION

LIC. ASST.:

D. G. G. S.

W/ 1 CYS

ACRS 16 CYS HOLDING/SENT AS CAT B

INTERNAL DISTRIBUTION

REG FILE

NRC PDR

I & E (2)

HIPC

SCHROEDER/IPPOLITO

HOUSTON

NOVAK/CHECK

GRIMES

BUTLER

HANAUER

TEDESCO/MACCARY

EISENHUT

BAER

SHAO

VOLLMER/BURGH

KREGER/J. COLLINS

EXTERNAL DISTRIBUTION

LADR: MORRIS ILL.

TIC:

NSIC:

CONTROL NUMBER

77171 0003

R
d/4



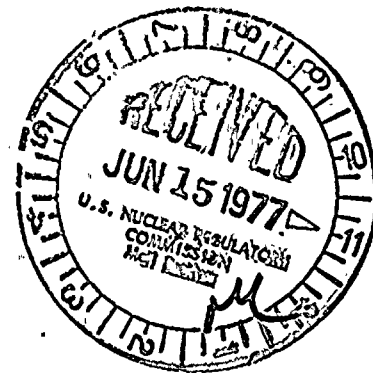
Commonwealth Edison
Dresden Nuclear Power Station
R.R. #1
Morris, Illinois 60450
Telephone 815/942-2920

BBS Ltr. # 77-476

May 31, 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

Regulatory Docket File



Enclosed please find an update report to Reportable Occurrence report number 50-237/1975-48. 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
Station Superintendent
Dresden Nuclear Power Station

BBS:skm

Enclosure

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

771710003

0-1157

CONTROL BLOCK:

1	2	3	4	5	6
---	---	---	---	---	---

Previous Report Date: 10/17/75
PLEASE PRINT ALL REQUIRED INFORMATION

LICENSEE NAME														LICENSE NUMBER												LICENSE TYPE						EVENT TYPE	
01	1	L	D	R	S	2	0	0	-	0	0	0	0	0	-	0	0	4	1	1	1	1	0	1									
7	8	9				14	15											25	26				30	31	32								

CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER						EVENT DATE						REPORT DATE								
01	CONT		T	L	0	5	0	-	0	2	3	7	1	0	0	7	7	5	0	6	1	0	7	7
7	8	57	58	59	60	61						68	69					74	75					80

EVENT DESCRIPTION

02 In October 1975, a through-wall crack was discovered during normal operation in the
03 Dresden Unit-2 drywell-torus nitrogen purge line 1604-18". Nitrogen leakage was minimal.
04 Secondary containment integrity was not affected, and the pressure suppression system
05 and all emergency core cooling systems remained operable. In September 1974, a crack
06 had been found in the similar nitrogen purge line for Dresden Unit-3. (50-237/1975-48)

SYSTEM CODE		CAUSE CODE		COMPONENT CODE				PRIME COMPONENT SUPPLIER		COMPONENT MANUFACTURER			VIOLATION		
07	S	E	E	P	I	P	E	X	X	N	Z	9	9	9	N
7	8	9	10	11	12					43	44			47	48

CAUSE DESCRIPTION

08 This supplemental report documents the current status of long-term corrective action to
09 prevent reoccurrence of the event. The suspected cause and immediate corrective action
10 were described in the original LER. That report also described an interim solution

11 FACILITY STATUS: E, % POWER: 084, OTHER STATUS: NA, METHOD OF DISCOVERY: C, DISCOVERY DESCRIPTION: NA
12 FORM OF ACTIVITY RELEASED: Z, CONTENT OF RELEASE: Z, AMOUNT OF ACTIVITY: NA, LOCATION OF RELEASE: NA

PERSONNEL EXPOSURES

NUMBER	TYPE	DESCRIPTION
000	Z	NA
7	8	9

PERSONNEL INJURIES

NUMBER	DESCRIPTION
000	NA
7	8

OFFSITE CONSEQUENCES

15	NA
7	8

LOSS OR DAMAGE TO FACILITY

TYPE	DESCRIPTION
Z	NA
7	8

PUBLICITY

17	NA
7	8

ADDITIONAL FACTORS

18	NA
7	8

19
7

NAME: Randy Weidner

PHONE: Ext. 265

CAUSE DESCRIPTION (continued)

which included posting operators to monitor pipe temperature during inerting, procedures to ensure the nitrogen is vaporized, and requirements that the pipe temperature be maintained above 80°F. The interim program has proven to be effective in preventing a reoccurrence of the pipe failures. Since the NRC is currently reviewing proposals which would eliminate inerting requirements upon installation of the ACAD/CAM system, additional modifications, including the installation of a temperature controlled isolation valve in the vaporizer discharge line, are being delayed. If the deinertion proposal is accepted, the modifications will be cancelled.

