

50-237

## NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER  
INCIDENT REPORT

TO:

Mr. James G. Keppler

FROM:

Commonwealth Edison  
Morris, Illinois 60450  
B. B. Stephenson

DATE OF DOCUMENT

05-31-77

DATE RECEIVED

06-21-77

☒ LETTER☐ NOTORIZED

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1 SIGNED

## DESCRIPTION

1 page  
PLANT NAME: DRESDEN UNIT # 2  
jcm 06-22-77

## ENCLOSURE

Updated Licensee Event Report (RO-50-237/1975-48) on 10-07-75 concerning crack discovered during normal operation in the Unit-2 drywell-torus nitrogen purge line 1604-18". Advising interim program posting operators to monitor pipe temp. during inerting procedures has proven effective in preventing a recurrence of the pipe failures...

2 page

**DO NOT REMOVE  
ACKNOWLEDGED**NOTE: IF PERSONNEL EXPOSURE IS INVOLVED  
SEND DIRECTLY TO KREGER/J. COLLINS

## FOR ACTION/INFORMATION

BRANCH CHIEF:

Davis

W/3 CYS FOR ACTION

LIC. ASST.:

Diggs

W/7 CYS

ACRS /6 CYS HOLDING/SENT

As CAT B

## INTERNAL DISTRIBUTION

☒ REG FILE

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BAER

SHAO

VOLLMER/BUNGH

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## EXTERNAL DISTRIBUTION

LPDR: Morris, T/I

TIC:

NSIC:

## CONTROL NUMBER

771740101





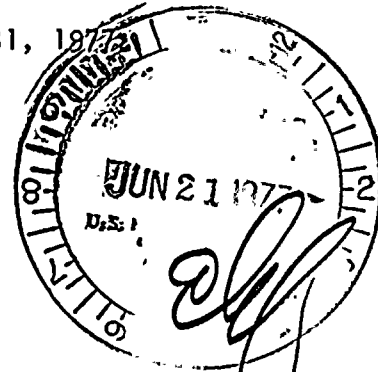
**Commonwealth Edison**  
Dresden Nuclear Power Station  
R.R. #1  
Morris, Illinois 60450  
Telephone 815/942-2920

*A. Sullivan*

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



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*

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

**REGULATORY DOCKET FILE COPY**

**REGULATORY DOCKET FILE COPY**

JUN 13 1977

771740101



# LICENSEE EVENT REPORT

Update Report

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

CONTROL BLOCK: 1 6

LICENSEE NAME														LICENSE NUMBER										LICENSE TYPE					EVENT TYPE												
01 I L D R S 2														0 0 - 0 0 0 0 0 - 0 0										4 1 1 1 1					0 1												
7	8	9												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	80
03	Dresden Unit-2 drywell-torus nitrogen purge line 1604-18". Nitrogen leakage was minimal.	80
04	Secondary containment integrity was not affected, and the pressure suppression system	80
05	and all emergency core cooling systems remained operable. In September 1974, a crack	80
06	had been found in the similar nitrogen purge line for Dresden Unit-3. (50-237/1975-48)	80

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	80
09	prevent reoccurrence of the event. The suspected cause and immediate corrective action	80
10	were described in the original LER. That report also described an interim solution	80

FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
11 E		0 8 4		NA		C		NA	
7	8	9	10	12	13	44		45	46
FORM OF ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE			
12 Z		Z		NA		NA			
7	8	9	10	11	44		45		

## PERSONNEL EXPOSURES

NUMBER			TYPE		DESCRIPTION	
13 0 0 0			Z		NA	
7	8	9	11	12	13	

## PERSONNEL INJURIES

NUMBER			DESCRIPTION	
14 0 0 0			NA	
7	8	9	11	12

## OFFSITE CONSEQUENCES

15	NA	80
7	8	9

## LOSS OR DAMAGE TO FACILITY

TYPE		DESCRIPTION	
16 Z		NA	
7	8	9	10

## PUBLICITY

17	NA	80
7	8	9

## ADDITIONAL FACTORS

18	NA	80
7	8	9

19		80
7	8	9

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.

APPROVED BY: [Signature]

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1977 JUN 21 PM 5 11