

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

PROP

INPUT FORM

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☐ COPY☒ UNCLASSIFIED

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

NRC-PDR

I & E (2)

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GRIMES

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TEDESCO/MACCARY

EISENHUT

BAER

SHAO

VOLLMER/BUNGH

KREGER/J. COLLINS

EXTERNAL DISTRIBUTION

LPDR: Morris, T/I

TIC:

NSIC:

CONTROL NUMBER

771740101



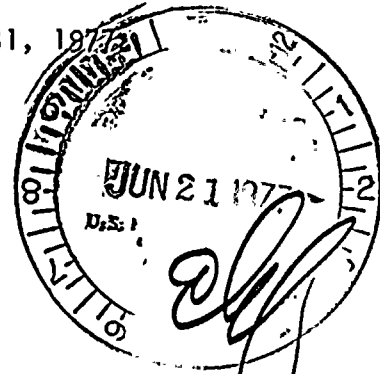
Commonwealth Edison
Dresden Nuclear Power Station
R.R. #1
Morris, Illinois 60450
Telephone 815/942-2920

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											68	69				74	75				80			

EVENT DESCRIPTION

02	7	8	9	In October 1975, a through-wall crack was discovered during normal operation in the																																																																													80
03	7	8	9	Dresden Unit-2 drywell-torus nitrogen purge line 1604-18". Nitrogen leakage was minimal.																																																																													80
04	7	8	9	Secondary containment integrity was not affected, and the pressure suppression system																																																																													80
05	7	8	9	and all emergency core cooling systems remained operable. In September 1974, a crack																																																																													80
06	7	8	9	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	13	14	15	16	17	43	44	45	46	47	48

CAUSE DESCRIPTION

08	7	8	9	This supplemental report documents the current status of long-term corrective action to																																																																													80
09	7	8	9	prevent reoccurrence of the event. The suspected cause and immediate corrective action																																																																													80
10	7	8	9	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	11	12	13	44	45	46								80
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								80			

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	7	8	9	NA																																																																													80
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LOSS OR DAMAGE TO FACILITY

TYPE	DESCRIPTION		
16 Z	NA		
7	8	9	10

PUBLICITY

17	7	8	9	NA																																																																													80
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ADDITIONAL FACTORS

18	7	8	9	NA																																																																													80
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19	7	8	9																																																																														80
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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]

RECEIVED DOCUMENT
PROCESSING UNIT

1977 JUN 21 PM 5 11