

50-237/249

NRC DISTRIBUTION FOR P T 50 DOCKET MATERIAL

FILE NUMBER
INCIDENT REPORT

TO: Mr. James G. Keppler

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

DATE OF DOCUMENT

4/19/77

DATE RECEIVED

5/5/77

☒ LETTER
☐ ORIGINAL
☒ COPY

☐ NOTORIZED
☒ UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

3196ed

DESCRIPTION

Ltr. trans the following:

DO NOT REMOVE

PLANT NAME:

Dresden Units 2 & 3

(1-P)

RJL

ACKNOWLEDGED

ENCLOSURE

Licensee Event Report (RO 50-237/1977-12) on 3/21/77 concerning the Unit 2/3 radwaste floor drain surge tank sump overflowing its designed containment boundaries....

(2-P)

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

FOR ACTION/INFORMATION

BRANCH CHIEF:	Ziemann
W/3 CYS FOR ACTION	
LIC. ASST.:	Diggs
W/1 CYS	
ACRS 16 CYS HOLDING/SENT	AS CAT B

INTERNAL DISTRIBUTION

REG FILE	
NRC PDR	
I & E (2)	
NIPC	
SCHROEDER/IPPOLITO	
HOUSTON	
NOVAK/CHECK	
GRIMES	
CASE	
BUTLER	
HANAUER	
TEDESCO/MACCARY	
EISENHUT	
BAER	
SHAO	
VOLLMER/BUNCH	
KREGER/J. COLLINS	

EXTERNAL DISTRIBUTION

LPDR: Morris, J. J.	
TIC:	
NSIC:	

CONTROL NUMBER

771260240



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

D. Larson

REGULATORY DOCKET FILE COPY

BBS Ltr. # 77-330


April 19, 1977

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



References: Docket Number 50-237
Docket Number 50-249

Enclosed please find Reportable Occurrence report number 50-237/1977-12.
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

APR 21 1977

771260240



18

THE

THE

THE

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 6

(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	4	1	1	1	1	0	3												
7	8	9				14	15									25	26						30	31	32										

CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER							EVENT DATE					REPORT DATE									
01	CONT		L	L	0	5	0	-	0	2	3	7	0	3	2	1	7	7	0	4	2	0	7	7	
7	8	57	58	59	60	61						68	69						74	75					80

EVENT DESCRIPTION

02	During normal operation, it was discovered that the Unit-2/3 radwaste floor drain																								80
03	surge tank sump had overflowed its designed containment boundaries. A small amount																								80
04	(estimated to be less than one quart) of contaminated liquid was found to have																								80
05	seeped under the pump house door and into the surrounding gravel. The sump was																								80
06	immediately pumped down, the affected area was cordoned off, and the wetted																								80

(continued)

SYSTEM CODE		CAUSE CODE		COMPONENT CODE					PRIME COMPONENT SUPPLIER		COMPONENT MANUFACTURER			VIOLATION	
07	M	A	E	I	N	S	T	R	U	N	G	0	8	0	N
7	8	9	10	11	12				17	43	44			47	48

CAUSE DESCRIPTION

08	The event was apparently caused by the failure of the sump high level alarm to																								80
09	annunciate in the radwaste control room,- Because both "A" and "B" sump pumps were																								80
10	in "manual" (a normal mode of operation), the alarm failure caused the high sump																								80

(continued)

FACILITY STATUS		% POWER		OTHER STATUS					METHOD OF DISCOVERY		DISCOVERY DESCRIPTION									
11	F	0	0	4	NA	A	NA													
7	8	9	10	12	13	44	45	46						80						

FORM OF ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY										LOCATION OF RELEASE									
12	L	M	See "Event Description"										Pump House Surge Tank to Ground										
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								80	

PERSONNEL INJURIES

NUMBER		DESCRIPTION											
14	0	0	0	NA									
7	8	9	11	12									80

OFFSITE CONSEQUENCES

15	NA																								80
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LOSS OR DAMAGE TO FACILITY

TYPE		DESCRIPTION											
16	Z	NA											
7	8	9	10										80

PUBLICITY

17	NA																								80
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ADDITIONAL FACTORS

18	NA																								80
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19																									80
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NAME: Randolph C. Weidner

PHONE: Ext. 265

EVENT DESCRIPTION (continued)

gravel was removed. Soil sampling and a postdecontamination survey verified that the area activity was less than 100 cpm/ft². The safety implications of this event were minimal. This is not a repetitive occurrence.
(50-237/1977-12)

CAUSE DESCRIPTION (continued)

level condition to go uncorrected until the pump house was checked as part of the normal shift routine.

The root cause of the alarm failure could not be determined. The alarm system is of the submerged, shorting probe-actuated, relay-operated type, with a power supply independent of the pump control circuits. Continuity and functional testing of the alarm circuitry failed to uncover problems of any type.

The sump pumps are now being used in the automatic mode to control the surge tank sump level. The pump house will continue to be inspected once per shift to ensure that any recurring failure is promptly identified. The sump level alarm system was supplied by General Electric Co.

15-12-83

11-11-68

(3)

(3)

11-11-68

1971 MAY 5 PM 12 32

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PROCESSING UNIT