

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)
Dresden Nuclear Power Station, Unit 3

DOCKET NUMBER (2)
0 5 0 0 0 2 4 9 1 OF 0 2

PAGE (3)
1 OF 0 2

TITLE (4)
Reactor Building Vent Trip and "B" SBTG Auto Start

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)													
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES		DOCKET NUMBER(S)											
0	4	1	6	8	5	8	5	-	0	1	1	-	0	0	0	5	0	6	8	5	Dresden Unit 2	0 5 0 0 0 0 2 3 7
N/A												0 5 0 0 0 0 1 1										

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5. (Check one or more of the following) (11)

OPERATING MODE (9)	POWER LEVEL (10)	20.402(b)	20.405(a)	30.73(a)(2)(iv)	73.71(b)
N	0186	20.405(a)(1)(i)	30.38(a)(1)	30.73(a)(2)(iv)	73.71(a)
		20.405(a)(1)(ii)	30.38(a)(2)	30.73(a)(2)(v)	OTHER (Specify in Abstract below and in Text, NRC Form 306A)
		20.405(a)(1)(iii)	30.73(a)(2)(i)	30.73(a)(2)(vi)(A)	
		20.405(a)(1)(iv)	30.73(a)(2)(ii)	30.73(a)(2)(vi)(B)	
		20.405(a)(1)(v)	30.73(a)(2)(iii)	30.73(a)(2)(v)	

LICENSEE CONTACT FOR THIS LER (12)

NAME
Jerry Lizalek (X-421)

TELEPHONE NUMBER
AREA CODE
8 1 5 9 4 2 - 2 9 2 0

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC
A				N					

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) ☒ NO ☐

EXPECTED SUBMISSION DATE (15)

MONTH	DAY	YEAR

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

Unit 3 was at steady power on 4/16/85 when a high radiation signal from the refueling floor radiation monitors caused a Unit 3 reactor building ventilation system trip and isolation with "B" standby gas treatment system automatically starting. The Unit 2 reactor building ventilation system was immediately tripped and isolated per DOA 902(3)-3C-16.

This event was caused by the Fuel Handlers removing machinery from the fuel pool. This caused dose levels to reach 130 mR on the refueling floor. The machinery was washed and dose levels went below the 100 mR limit in approximately 5 minutes. Fuel Handlers working in the area were wearing proper dosimetry and the dose they received was minimal. This event was of minimal safety significance since all systems functioned as required by Dresden Technical Specification 3.7.B.1. This is the first reportable occurrence of this type.

B505160605 B50506
PDR ADOCK 05000249
S PDR

IEZZ
V1

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1) Dresden Nuclear Power Station, Unit 3	DOCKET NUMBER (2) 0 5 0 0 0 2 4 9	LER NUMBER (8)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 5	— 0 1 1	— 0 0	0 2	OF	0 2

TEXT (If more space is required, use additional NRC Form 388A's) (17)

During normal operation a high radiation signal from the refuel floor radiation monitors resulted in a Unit 3 reactor building ventilation system trip and isolation. This caused the "B" standby gas treatment system to automatically start. Immediately, the NSO tripped and isolated Unit 2 reactor building ventilation system per DOA 902(3)-3C-16 resulting in all ventilation exhausting through the standby gas treatment system. Followup surveys were taken by the Radiation Chemistry Department, and levels of 130 mR were detected near the fuel pool.

This event was caused by the Fuel Handlers removing a Stellite bearing cutting machine from the fuel pool. A metal chip generated from the bearing cutting process had wedged itself on the machine. The machinery was washed off immediately, and the refuel floor radiation monitors were reading normal levels of less than 100 mR in approximately 5 minutes. All workers in the area were wearing proper dosimetry and the dose they received was minimal. Reactor building ventilation was returned to normal at 1115 hours. This event was of minimal safety significance since all systems functioned as required by Dresden Technical Specification 3.7.B.1. This is the first reportable occurrence of this type.



Commonwealth Edison

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

May 6, 1985

DJS Ltr #85-485

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Licensee Event Report #85-011-0, Docket #050249 is being submitted as required by Technical Specification 6.6, NUREG 1022 and 10 CFR 50.73 (a)(2)(iv).

John W. Scott
for D.J. Scott
Station Manager
Dresden Nuclear Power Station

DJS/kjl

Enclosure

cc: J.G. Keppler, Regional Administrator, Region III
File/NRC
File/Numerical

IE22
1/1