NRC Form 386 (9-83)								ENSE	NSEE EVENT REPORT (LER)					US NUCLEAR REGULATORY COMMISSION APPROVED ONE NO 3150-0104 EXPIRES 8/31/85							
								_					DOCI	KET	NUM		2)		1.4	101 10	
ACILITY NAME (1)									0 1	5	0	101	012	1317	10	F 0 12					
Dre	esden	Nu	cle	ar r	ower sta	6 6 6 6 6 6	- db		o Tro	atmont	Svet	em Cause	d	by	Re	fue	1 F	loor	Area		
	Autor	nat	ic	Init	lation o	r stal	nac	y Ga	s ite	dement	Syst	en oudde	-	.,							
	Radia	tic	n M	onit	or Fail	are Ut	SC	ale				OTHER	FAC	LIT		NVOL	VED I	3			
EVENT DATE (5)			+	LER NUMBER (6)				N WOLTH DAY VEAR			FACILITY NAMES				1	DOCKET NUMBER(SI					
MONTH DAY		YEA	R YI	EAR	NUMBER	NUN	NUMBER	MONTH	URT		Dresden Stati			on Unit 3			0 15 10 10		1012	14 19	
03	3 1	8	6 8	6	008	-0	0	04	2 +	8 6				_			0 15	1010	101	11	
	PATING		TH	IS REPO	ORT IS SUBMITT	ED PURSUA	ANT	TO THE P	REQU'REM	ENTS OF 10	CFR \$ 10	heck one or more	of th	# fpi	0.00	pi (11	1				
MODE (B) N			N	20.402(6)				20.406(c)				X 50.73(a)(2)(w)				1	73.71(b)				
POWER				20.406(a)(1)(i)				60.36(c)(1) 60.73(c)(2)()				50 73(e)(2)(v)					73.71(6)				
LEVEL 01815			5	20 406(a)(1)(u)				50.36(c)(2)				50.73(a)(2)(vii)				- 1	Delow and in Taxt NRC Form				
				20 406(a)(1)(m)				60.73(e)(2)(0				50.73is1(2)(viii1(A)				- 1	.366.A/				
				20.4	06(a)(1)(iv)			80 736	(2)(#)		-	50.73(a)(2)(vil)	1.81								
				20.4	06(a)(1)(v)			60.736	(2)(2)(m)			60 73(a)(2)(x)			-						
							1	LICENSEE	CONTACT	FOR THIS	LER (12)		-				**. **.				
NAME														ABI	4 0	DOF 1	TELEF	HUNE NUN	(BEN		
	Mark	Le	any		f Pasing	or F	vt	422									0.1	14.1	.2.0	.2.0	
	Tech	nic	al	star	r Engine	er E	AL .							8	11	2	9 9	141-	12 19	1210	
					COMPLET	ONE LIN	EFOI	R EACH C	OMPONEN	TFAILURE	DESCRIBE	O IN THIS REPO	DRT I	13)	_		-				
CAUSE	SYSTEM COMPONENT MANUFAC REPORT		ROS	caus			SYSTEM COMPONENT			MANUFAC TURER			PEPO 10	NPROS							
x	I L	D	E		Z 19 17 19	N						111		1	1	1					
	+	-	-	-				1													
	1.		1	1	111					1		111		1	I	1			_		
-	4				SUPPLES	AENTAL RE	EPOR	T EXPECT	TED (14)							FECT	i D	MONT	H DAY	YEAR	
					and the second sec										SUB	W 55	ON SI				
TY	ES (11 yes :	comp +	te EXP	ECTED	SUBMISSION DA	TE)			X NO									11	11	11	
ABSTRA	CT /Long	10 140	0 10404		proximately fifte	en single soe	er tu	demonstrain i	(ines/ 196)												

At 0326 hours on 3-31-86, during normal Unit 2 operation at 85% power, and Unit 3 shutdown with all fuel removed from the reactor, an automatic start of the "A" Standby Gas Treatment System and a Unit 2 reactor building ventilation isolation occured when a high radiation trip occured on the Unit 2 channel "A" refuel floor monitor. Per Operating Order 1-86, the Unit 3 reactor building ventilation system was immediately isolated. Refuel floor high range [10E1 to 10E6 millirem per hour (mr/hr)] radiation monitor 2-1743A was found to be oscillating between 20 and 150 mr/hr. Radiation Chemistry personnel and other monitoring systems established dose rates of approximately 1 mr/hr on the refuel floor.

The ensuing investigation by Instrument Maintenance personnel found that the Geiger Mueller tube in the radiation monitor had failed. Further investigation was not able to determine the cause of the failure. The tube was replaced, and the radiation monitor calibrated per Dresden Chemistry Procedure 2700-12, "Reactor Building Ventilation and Refueling Floor Radiation Monitor Calibration". The radiation monitor was then declared operable and returned to service at 1640 hours the same day.

Because the actual radiation levels were found to be approximately 1 mr/hr, and the Standby Gas Treatment System initiated as designed, the safety significance of this event is considered minimal. This was the first reportable event of this type at Dresden Station.

8605060197 860424 PDR ADOCK 05000237

S

PDR

NRC Form 386A 19-831	LICENSEE EVENT REPO	RT (LER) TEXT CONTINU	ATION	US NUCLEA APPRO EXPIR	US NUCLEAR REGULATORY COMMISSION APPROVED OMB NO. 3150-0104 EXPIRES 8/31-85					
FACILITY NAME (1)		DOCKET NUMBER (2)		ER NUMBER (6)	PAGE (PAGE (3)				
			YEAR	SEQUENTIAL RE	VISION MBER					
Dresden Nuclear Po	wer Station Unit 2	0 5 0 0 0 2 3 7	8 6 -	-01018-0		0 2				

TEXT IN more space is required, use additional NRC Form 366A's/ 1171

At 0326 hours on 3-31-86, during normal Unit 2 operation at 85% power, and Unit 3 shutdown with all fuel removed from the reactor, an automatic start of the "A" Standby Gas Treatment System (EIIS Code BH) and a Unit 2 reactor building ventilation isolation occured when a high radiation trip occured on the Unit 2 Channel "A" refuel floor radiation monitor (EIIS Code IL). Per Operating Order 1-86, the Unit 3 Reactor Building Ventilation System was immediately isolated. Refuel floor high range [10E1 to 10E6 millirem per hour (mr/hr)] radiation monitor 2-1743A was found to be oscillating between 20 and 150 mr/hr. Radiation Chemistry personnel and other monitoring systems established dose rates of approximately 1 mr/hr on the refuel floor.

The ensuing investigation by Instrument Maintenance personnel found that the Geiger Mueller tube in the radiation monitor had failed. Further investigation was not able to determine the cause of the failure. The tube was replaced, and the radiation monitor calibrated per Dresden Chemistry Procedure 2700-12, "Reactor Building Ventilation and Refueling Floor Radiation Monitor Calibration". The radiation monitor was then declared operable and returned to service at 1640 hours the same day.

Because the actual radiation levels were found to be approximately 1 mr/hr, and the Standby Gas Treatment System initiated as designed, the safety significance of this event is considered minimal. This was the first reportable event of this type at Dresden Station.



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

April 24, 1986

DJS LTR: #86-295

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

Licensee Event Report #86-008-8, Docket #050237 is being submitted as required by Technical Specification 6.6, NUREG 1022 and 10 CFR 50.73(a)(2)(iv).

D 🖉 J. Scott Station Manager Dresden Nuclear Power Station

IE 22

DJS:rme

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