ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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ACCESSION FACIL:50 AUTH.NZ	N NBR:9010230165 0-316 Donald C. Coo AME AUTHOR A	DOC.D k Nucl FFILTA	ATE: 9 ear Po TTON	0/10/11 NOTARI wer Plant, Unit	ZED: NO 2, Indian	DOCKE1 a & 050003	r # 316
DROSTE,	J.B. Indiana M	ichiga	n Powe	r Co. (formerly	Indiana &	Michigan E	Ele
BLIND, A	.A. Indiana M	ichiga	n Powe	r Co. (formerly	Indiana &	Michigan E	Ele
RECIP.1	NAME RECIPIEN	T AFFI	LIATIO	N			R
	¥						T
SUBJECT	: LER 90-007-01:on	900717	,Conta	inment Type B &	C leakage		1
	exceeds LCO value	due t	o degr	adation of IVSS	• .		D
			DRADT		/	()	
DISTRIB	UTION CODE: 18227 50.73/50.9 Licensee	Event	RECEI	t (LER). Incide	nt Rpt. et	<u> </u>	S
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INTERNAL:	ACNW	2	2	AEOD/DOA	L L	1	-
	AEOD/DSP/TPAB	1	1	AEOD/RUAB/DSP		2	S
	NRR/DET/ECMB 9H	1	1	NRR/DET/EMEB /		1	
	NRR/DLPQ/LHFBII	1	7	NRR/DLPQ/LPEBI		1	
	NRR/DREP/PRPBII	2	2	NRR/DST/SELB 8		1	
	NRR/DST/SICB /E	1	1	NRR/DST/SPLBoD	ム エ コ 1	1	
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	RES/DSIR/EIB	Т	1	KGN2 LTTE O	т т	Т	
EXTERNAL:	EG&G BRYCE.J.H	3	3	L ST LOBBY WAR	D 1	1	1
	NRC PDR	1	1	NSIC MAYS,G	1	1	
	NSIC MURPHY, G.A	1	1	NUDOCS FULL TX	т 1	1.	
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NOTE TO ALL "RIDS" RECIPIENTS:

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October 11, 1990

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> **Operating Licenses DPR-75** Docket No. 50-316

Document Control Manager:

In accordance with the criteria established by 10 CFR 50.73 entitled Licensee Event Reporting System, the following report is being submitted:

90-007-01

Sincerely,

A. alan Bh A. A. Blind

Plant Manager

AAB:srb

Attachment

D. H. Williams, Jr. C: A. B. Davis, Region III M. P. Alexich P. A. Barrett J. E. Borggren R. F. Kroeger B. Walters - Ft. Wayne NRC Resident Inspector T. Colburn, NRC J. G. Keppler M. R. Padgett G. Charnoff, Esq. Dottie Sherman, ANI Library D. Hahn INPO S. J. Brewer/B. P. Lauzau B. A. Svensson

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AUDER 050005

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NE: 101 (6-19)	KM 153			Ŀ.	O		U.S. NU	CLEAR R	EGULATOR	Y COMMI	ISSIC	N		APPROVED	OME	B NO, 3150-010)4		
LICENSEE EVENT REPORT (LER)										EXPINES: 4/30/92 ESTIMATED BURDEN PER RESPONSE TO COMPLY WTH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS, FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P530), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3)500104), OFFICE OF MANAGEMENT AND RUDGET WASHINGTON, DC 20603									
FACILITY NAME (1)											(2)		PAG	E (3)					
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TITLE (4	CONT	PAIN	MENT	TYPE	BA	ND C	LEAK	AGE	EXCE	EDS J	L.	C.0	. VA	LUE DUE	r :	ro			
DEGRADATION OF ISOLATION VALVE SEATING SERVICES																			
EVI	INT DATE	(5)		LER NUMB	ER (6)	COLORA VISION	RE	PORT DAT	re (7)	OTHER FACILITIES INVO						D (8)			
MONTH	DAY	YEAR	YEAR	NUMBI	EA B	NUMBER	MONTH	DAY	YEAR	PACIEITY NAMES					<u>ار ا</u>				
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	RATING		THIS RE	PORT IS SUBM	ITTED I	PURSUANT	TO THE R	LOUIREM	ENTS OF 1	O CFR §:	(Che	eck one	or more of	the following) {1	1)	·····			
M	DDE (9)	5	20.	402(b)			20,405	c)				50,73(e)	(2)(iv)			73,71(b)			
POWE	R		20.	405(+)(1)(i)		🖵	50,36(c)(1)					50,73(a)(2)(v)					73,71(e)		
(10)	0	010	20,	405(a)(1}(ii)		·	50,36(c)(2)					50,73(a)	(2)(vii)		OTHER (Specify in Abstract below and in Text, NRC Form				
			20.	405(s)(1)(iii)	•	<u> </u>	50,73(a)(2)(i))(2)(i)			-	50,73(4))(2)(viii)(A))(2)(6)(A)		366A)				
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NAME			·····			-									TEL	EPHONE NUN	BER		
J.B	J.B. DROSTE - PLANT ENGINEERI				NG S	UPEF	INTE	NDEN	T			AREA CODE			0	1			
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I				COMPL		VE LINE FOR	EACH C	UMPONEN	I FAILUAI	DESCRI			S AEFORT	(15)	L		******		
CAUSE	SYSTEM	COMP	ONENT	TURER	· ["	TO NPADS		<u></u>	CAUSE	SYSTE	M 	COMPO	ONENT	TURER	_	TO NPRDS			
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				SUPPI	LEMENT	TAL REPORT	EXPECT	ED (14)		<u>.</u>				EXPECT	ED	MONT	H DAY	YEAR	
YES III yes, complete EXPECTED SUBMISSION DATE								DATE					15)						
ABSTRA	CT (Limit	1400 1400		pproximately fi	iteen sir	ngle-space typ	ewritten hi	nes) (16)										<u> </u>	
This supplemental report is being submitted to provide additional information regarding the Type B and C Leakrate Testing initially reported on August 8, 1990. With the Reactor Coolant System in Mode 5 (Cold Shutdown), the accumulated leakage found using the maximum pathway methodology for the Type B and C Leak Rate Tests on Containment penetrations was 0.74 La. This exceeded the L.C.O. value (0.60 La) of Technical Specification 3.6.1.2.b. The Containment Pressure Relief Train-A Containment Isolation Valve, 2-VCR-107 (EIIS:ISV/BD), is the major contributing factor for exceeding the Technical Specification limit. 2-VCR-107 exhibited a leakage rate of 49,000 sccm. This is 60 percent of the total leakage obtained from all tested penetrations. Other Containment Isolation Valves that exhibit leak rates in excess of Guideline acceptance criteria were repaired and retested to ensure the leak rates are within allowable limits. The final as-left Type B and C leakage rate was 0.17 La.																			
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NRC Form ((9-83)	LICENSEE EVENT REPOR	IT (LER) TEXT CONTINU	ATION	APPROVED O EXPIRES: 8/31	ULATORY CC MB NO. 3150- /88	MMISSION 0104
FACILITY N	AME (1)	DOCKET NUMBER (2)	LER NUMBER (5	PAGE	(3)
			YEAR SEQUENTIAL	NUMBER	<u> </u>	
D. C. UNIT	- 2	0 15 10 10 10 131316	9,0 0,0,7	0.1		
TEXT III mor	• space is required, use additional NRC Form 366A's) (17)				0 200	1013
	-		1			
	Conditions Prior to Occurrence					a
u	Unit-2 in Mode 5 (Cold Shutdown)	х К	r		-	
	Description of Event					
	This supplemental report is being regarding the Type B and C Leakra 1990.	submitted to provid te Testing initially	e additional i reported on A	informati August 1(lon),	
	With the Reactor Coolant System is leakage found using the maximum p Rate Tests on Containment penetra value (0.60 La) of Technical Spec	n Mode 5 (Cold Shutd athway methodology f tions was 0.74 La. ification 3.6.1.2.b.	own), the accu or the Type B This exceeded	mulated and C Le the L.C.	eak 0.	
	The Containment Pressure Relief T (EIIS:ISV/BD), is the major contr Specification limit. 2-VCR-107 e is 60 percent (or .445 Ia) of the penetrations.	rain-A Containment I ibuting factor for e xhibited a leakage r total leakage obtai	solation Valve xceeding the 5 ate of 49,000 ned from all 4	e, 2-VCR- Technica] sccm. 1 cested	-107 - This	-
	Cause				-	
	The excessive leakage rate of 2-V seal.	CR-107 was attribute	d to a degrade	ed disc		
	Corrective Action					
1	Valve 2-VCR-107 was rebuilt, replayed valves that exhibited leakage in a repaired and retested.	acing the gaskets an excess of guideline	d disc seal. acceptance cri	Other Iteria we	ere	
	Analysis of Event		ı		4	
	The penetration for the Containment 2-VCR-107, was designed to have to Appendix J Type C test program. La was attributable to valve 2-VCC series with 2-VCR-107 and had a la 2-VCR-207, which is in series with becomes 0.301 La, which shows that successfully achieved under the a	nt Pressure Relief L wo valves in series A review of the test R-107 (49,000 sccm). eak rate of 300 sccm h 2-VCR-107, the tot t containment isolat s-found conditions.	ine, which ind and is tested data indicate Valve 2-VCR- . If credit i al as-found le ion could have	cludes during t es that (-207 is i s taken eakage e been	he .445 n for	
	Based on the above, we believe th hazard to public health and safet	at this event did no y.	t represent a	signific	ant	

NRC Form 3 (9-83)	LICENSEE EVEN	IT REPORT (LER) TEXT CONTINU	ATION	U.S. NUCLEAR REG APPROVED OF EXPIRES: 8/31/	ULATORY COM MB NO. 3150-0 /88	104
FACILITY N	AME (1)	DOCKET NUMBER (2)	LER NUMBE	R (6)	PAGE (3)
D. C UNIT	. COOK NUCLEAR PLANT - 2	. 0 5 0 0 3 1 K		TIAL REVISION NUMBER 7 0 - 11	0 3 OF	0
TEXT III mon	e space is required, use additional NRC Form 306A'a) (17)					
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	- 12 2 Commence Tambéli		•		i	
	Failed Component Identific	Cation			i i	
	Component Name: Containme Valve	ent Pressure Relief Train-A	Containment	Isolation		
	Plant I.D. No: 2-VCR-107	(EIIS:ISV)				
	Manufacturer: Clow			-		
•	Model No.: 80-9490-01	۰ ۲			1	
ų						
ı	Previous Similar Events			•		
	Previous Licensee Event R Test results include:	eports submitted for excessi	ve type B&C	Leak Rate		
	050-315/79-34	050-316/79-20			-	.
	050-315/81-11	050-316/79-53		1	•	
	050-315/81-25	050-316/81-18				
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