

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:	9407070328 DOC.DATE: 94/07/01 NOTARIZED: NO DOCKET	ŧ
FACIL:50-316	Donald C. Cook Nuclear Power Plant, Unit 2, Indiana M 05000316	5
MOREY, D.O.	AUTHOR AFFILIATION Indiana Michigan Power Co. (formerly Indiana & Michigan Ele	∍ F
BLIND, A.A.	Indiana Michigan Power Co. (formerly Indiana & Michigan Ele	ې
RECIP.NAME	RECIPIENT AFFILIATION	۲

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SUBJECT: LER 94-003-00:on 940421, continuous radiation monitor SRA 2905 declared inoperable due to condensation buildup in sample process lines.Sample plugs reinstalled prior to pulling subsequent samples.W/940701 ltr.

DISTRIBUTION CODE: IE22T COPIES RECEIVED:LTR \_ ENCL \_ SIZE: \_\_\_\_\_ TITLE: 50.73/50.9 Licensee Event Report (LER), Incident Rpt, etc.

## NOTES:

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	NRR/DRCH/HICB	1	1	NRR/DRCH/HOLB	1	1
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July 1, 1994

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United States Nuclear Regulatory Commission Document Control Desk Rockville, Maryland 20852

> Operating Licenses DPR-74 Docket No. 50-316

Document Control Manager:

In accordance with the criteria established by 10 CFR 50.73 entitled <u>Licensee Event Report System</u>, the following report is being submitted:

94-003-00

Sincerely,

A. Man

A. A. Blind Plant Manager

/sb Attachment

c: J. B. Martin, Region III E. E. Fitzpatrick P. A. Barrett R. F. Kroeger M. A. Bailey - Ft. Wayne NRC Resident Inspector J. B. Hickman - NRC J. R. Padgett G. Charnoff, Esq. D. Hahn INPO S. J. Brewer

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NRC 1 (5-92)	ORM 366			0.S. 1	NUCLE	AR F	REG	ULATORY	COMN	ISSION			APPRO	OVED E	Y OMB NO.	3150	-0104	
		LICI	ENSEI	E EVENT R	EPO	RT	(L	ER)			ESTI INFO COM AND REGI	MATE RMAT MENT RECO	d Burde Non Coi Ts regar Drds Man Dry Com	EN PER LLECTION DING BU VAGEMEN MISSION	RESPONSE T REQUEST: 1 IRDEN ESTIMAT IT BRANCH (MIN WASHINGTON	0 CO 50.0 H E TO 188 77	MPLY WI IRS. F THE INFO 14), U.S. 1	TH THIS ORWARD RMATION VUCLEAR
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NRC FORM 366 (5-92)

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NRC FORM 366A U.S. (6-89)	NUCLEAR REGULATORY COMMISSION	APPROVED OMB NO. 3150 0104
LICENSEE EVENT REPORT TEXT CONTINUATION	(LER)	ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 500 HRS, FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P430), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (31500104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.
FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6) " PAGE (3)
D. C. Cook Nuclear Plant		YEAR SEQUENTIAL SEQUENTIAL
Unit 2		
TECT III more spece a required, use addronal NRC Form 305A'sI (17)		
	•	
<u>Conditions Prior to Occurrence:</u>	•	
Unit Two was in Hode Two at less than 5% power	r, escalating to full power	operation.
Description of Event:		
At 0845 on April 21, 1994, during the start declared inoperable due to condensation build sample plugs were removed from the SRA 2900 sa drying. The SRA 2905 radiation monitor is one (SJAE) Vent, which is comprised of multiple evacuation system.	up of Unit Two, the contin up in the sample process li ample wells, along with Radi e channel of the SPING 2900 c channels for monitoring r	uous Radiation Monitor SRA 2905 was nes. To facilitate its dry out, the ation Monitor SRA 2905 to facilitate system for the Steam Jet Air Ejector noble gas activity in the condenser
During the time period when the plugs were no at the SPING unit. Although the samples were to results were invalid due to lack of process f	t installed, three compensa aken within the 8 hours requ low through the sample poin	tory samples for SRA 2905 were taken ired by Technical Specifications, the t.
It was determined on June 1, 1994, during the 3.3.3.10, Table 3.3-13 requirements for compe	e investigation of this even nsatory sampling had not be	nt, that the Technical Specification en met.
Procedural instructions for sampling require reads between 20 and 40 liters/minute. During the sample plugs removed, the suction was from the sample point upstream of both the sample w the system at a point where no flow existed. flow existed throughout the system. With the flow path was through the open sample wells in sample point which was in use.	the technician to verify the this event the sample pump in the Turbine Building atmost wells and the sample pump, the The flow gauge reading misle sample wells open to the Tur to the sample pump, all of w	hat the flow gauge at the SPING unit developed the required flow but with phere. The system is configured with therefore the technician was sampling ed the technician into believing that rbine Building atmosphere, the actual hich are physically downstream of the
<u>Cause_of_Event:</u>		L.
The root cause of the event was ineffective add capabilities during compensatory sampling. C RP instrument group regarding activities that of training for the chemistry technicians and in non-representative grab samples.	ministrative controls concer ontributing factors include cause the SPING to be unav the RP Tech Spec technicians	rning the status of the SPING sampling d lack of procedural guidance for the vailable for grab sampling and a lack s that removing the plugs would result
Analysis of Event:		
This event is being reported in accordance wi Technical Specifications. Technical Specific of radioactive gaseous effluent monitoring ins must be taken for the instrumentation that is, to continue for up to 30 days provided grab sa activity within 24 hours.	th 10CFR50.73(a)(2)(i)(B) as ation 3.3.3.10.b requires the trumentation channels operal inoperable. Table 3.3-13 all amples are taken at least on	s operation prohibited by the plant's hat with less than the minimum number ble, the actions shown in Table 3.3-13 lows effluent releases via the pathway ce per 8 hours and analyzed for gross
With Radiation Monitor (IL) SRA 2905 inoperabinoble gas activity of the condenser evacuation compensatory samples were invalid.	le, compensatory samples wer on system. On June 1, 1994,	re required to be taken to monitor the , it was determined that the required
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NRC Form 366A (6-89)

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RC FORM 366A	U.S. N	UCLEAR REGULATORY CO	OMMISSION	[	APPROVED OM	NO, 3150-0104	
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LICENSE	E EVENT REPORT (I	LER)		INFORMATIO	COLLECTION R	EQUEST: 500	HRS. FORWA
• TEXT	CONTINUATION			AND REPORT	S MANAGEMENT	BRANCH (P.530 ASHINGTON, DO	U.S. NUCLE
				THE PAPERW OF MANAGEN	ORK REDUCTION	PROJECT 1315	0-0104), OFF 1, DC 20503.
CILITY NAME (1)		DOCKET NUMBER (2)		LER	NUMBER (6)		PAGE (3)
D C Cook Nucl	oan Plant			YEAR SHE	QUENTIAL		
Unit 2	ear mant	4					
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				<b>0</b>		to provide	un linit
The sample plugs were 2 data, as well as da	reinstalled prior to fu ta from Unit 1 during	its subsequent st	ng taken artup. l	Based on the	ns were made se comparis	ons, the a	tivity
results were below th	e limit specified. Th	erefore, this eve	nt did n	not represen	t a threat t	the heal	th and
safety of the public.			ſ				
Anna the tatan				•			
COFFECTIVE ACTIONS:	. <u>.</u>				1	anal ca	
Corrective actions in	cluded reinstallation (	of the sample plug	gs prior	to pulling	subsequent s	samples.	
Radiation Protection	has revised 12 THP 6010	D RPI.803, Operati	ion of th	ne Radiation	Monitoring	System, to	ensure
that system integrity	is maintained whenever	r compensatory sam ication of the Ra	mpling is diation	s in effect. Protection	Requiremen Technical Sp	cs nave au ecificatio	n group
	artment whenever SPING	system integrity	is degr	aded.		,	
and the Chemistry Dep						_	
and the Chemistry Dep RP and Chemistry will	<pre>tre reinstalled prior to further samples being taken. Comparisons were made to previous Unit data from Unit 1 during its subsequent startup. Based on those comparisons, the activity the limit specified. Therefore, this event did not represent a threat to the health and ic</pre>						
and the Chemistry Dep RP and Chemistry will continuing and initia	incorporate the improvil training programs.	ved SPING system 1	training	and a thoro	ugh review o	f this eve	nt into
and the Chemistry Dep RP and Chemistry will continuing and initia	incorporate the impro	ved SPING system 1	training	and a thoro	ugh review o	f this eve	nt into
and the Chemistry Dep RP and Chemistry will continuing and initia <u>Previous Similar Ever</u>	incorporate the impro- l training programs.	ved SPING system 1	training	and a thoro	ugh review o	f this eve	nt into
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