

# ● PRIORITY 1 ●

(ACCELERATED RIDS PROCESSING)

## . REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9502020100      DOC. DATE: 95/01/24      NOTARIZED: NO      DOCKET #  
 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana M 05000315  
 AUTH. NAME      AUTHOR AFFILIATION  
 MOREY, D.O.      Indiana Michigan Power Co. (formerly Indiana & Michigan Ele  
 BLIND, A.A.      Indiana Michigan Power Co. (formerly Indiana & Michigan Ele  
 RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: LER 94-014-00: on 941225, discovered that TS surveillance  
 4.11.2.1.2 gland seal exhaust weekly gaseous effluent grab  
 sample not completed for 941217-25. Caused by personnel  
 error. Surveillance schedule sheet modified. W/950124 ltr.

DISTRIBUTION CODE: IE22T      COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 4  
 TITLE: 50.73/50.9 Licensee Event Report (LER), Incident Rpt, etc.

### NOTES:

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	NRR/DRCH/HHFB	1    1	NRR/DRCH/HICB	1    1
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	NRR/DSSA/SPLB	1    1	NRR/DSSA/SRXB	1    1
	RES/DSIR/EIB	1    1	RGN3 FILE 01	1    1
EXTERNAL:	L ST LOBBY WARD	1    1	LITCO BRYCE, J H	2    2
	NOAC MURPHY, G.A	1    1	NOAC POORE, W.	1    1
	NRC PDR	1    1	NUDOCS FULL TXT	1    1

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Indiana Michigan  
Power Company  
Cook Nuclear Plant  
One Cook Place  
Bridgman, MI 49106  
616 465 5901



January 24, 1994

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

Operating Licenses DPR-58  
Docket No. 50-315

Document Control Manager:

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

94-014-00

Sincerely,

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

9502020100 950124  
PDR ADOCK 05000315  
S PDR

## LICENSEE EVENT REPORT (LER)

(See reverse for required number of digits/characters for each block)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS  
INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD  
COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION  
AND RECORDS MANAGEMENT BRANCH (MNBB 7714), U.S. NUCLEAR  
REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO  
THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF  
MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1)

Cook Nuclear Plant - Unit 1

DOCKET NUMBER (2)

05000 315

PAGE (3)  
1 OF 3

TITLE (4)

Weekly Gaseous Grab Sample Not Taken Due to Personnel Error

EVENT DATE (5)			LER NUMBER (6)			REPORT NUMBER (7)			OTHER FACILITIES INVOLVED (8)	
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAME	DOCKET NUMBER
12	25	94	94	-- 014 --	00	01	24	95	Cook Unit 2	05000 316
									FACILITY NAME	DOCKET NUMBER
										05000

  

OPERATING MODE (9)	1	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more) (11)				
POWER LEVEL (10)	100%	20.402(b)	20.405(a)(1)(i)	50.36(c)(1)	50.73(a)(2)(iv)	73.71(b)
		20.405(a)(1)(ii)	50.36(c)(2)	50.73(a)(2)(v)	73.71(c)	
		20.405(a)(1)(iii)	X 50.73(a)(2)(i)	50.73(a)(2)(vii)	OTHER	
		20.405(a)(1)(iv)	50.73(a)(2)(ii)	50.73(a)(2)(viii)(A)	(Specify in Abstract below and in Text, NRC Form 368A)	
		20.405(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(viii)(B)		
				50.73(a)(2)(x)		

## LICENSEE CONTACT FOR THIS LER (12)

NAME

D. O. Morey, Chemistry Superintendent

TELEPHONE NUMBER (Include Area Code)

616/465-5901 X2502

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS

## SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)	X	NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR

## ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) (16)

On January 6, 1995 it was discovered that Technical Specification surveillance 4.11.2.1.2 for Units One and Two Gland Seal Exhaust weekly gaseous effluent grab sample was not completed for the period of December 17 through December 25, 1994. As the sampling requirement was not met, this event is reportable under 10CFR50.73(a)(2)(i)(B), as a condition prohibited by Technical Specifications.

Technical Specification 4.11.2.1.2 requires a monthly surveillance on the Gland Seal Exhaust for particulate, iodine and tritium in addition to the weekly gaseous grab sample. The individual involved mistakenly marked the line item for the gaseous sample as "Not Applicable" (N/A) on the Nuclear Test Schedule system, believing the item was the monthly surveillance for particulate, iodine and tritium which had been completed the previous week.

This event is attributable to personnel error. Weaknesses in the Nuclear Test Schedule system schedule form and its use were identified during the investigation. These weakness have been addressed.

During the month of December 1994, no abnormal operational activities occurred that would have caused an alteration in the normal nuclide composition of either units' Gland Seal Exhaust effluent. A review of the gaseous samples obtained before and after this event indicated no unusual nuclides present. It was concluded that the missed surveillance created no safety hazard, nor was the health and safety of the public jeopardized at any time.

LICENSEE EVENT REPORT (LER)  
TEXT CONTINUATION

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-630), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1)  Cook Nuclear Plant Unit 1	DOCKET NUMBER (2)  0 5 0 0 0 3 1 5	LER NUMBER (8)			PAGE (3)		
		YEAR 9 4	SEQUENTIAL NUMBER 0 1 4	REVISION NUMBER 0 0	0 2	OF	0 3

TEXT (If more space is required, use additional NRC Form 366A's) (17)

Conditions Prior to Occurrence

Unit One in Mode 1 at 100 percent power; Unit Two in Mode One at 68 percent power.

Description of Event

On January 6, 1995 it was discovered that Technical Specification surveillance 4.11.2.1.2 for Units One and Two Gland Seal Exhaust weekly gaseous effluent grab sample was not completed for the period of December 17 through December 25, 1994. Technical Specification Table 4.11-2(C) requires the grab sample to be taken on a weekly basis.

Surveillance requirements are tracked using the Nuclear Tracking System (NTS) surveillance tracking system. As each line item representing a surveillance requirement is completed, the responsible individual "signs off" (initials) the form.

In addition to the weekly gaseous grab sample, Technical Specification 4.11.2.1.2, Table 4.11-2(C) requires a monthly surveillance on the Gland Seal Exhaust for particulate, iodine and tritium. The involved individual was aware that this monthly surveillance had been completed the previous week. On December 23, 1994, when the weekly gaseous grab sample was due, the individual mistakenly marked the line item for the gaseous sample as "Not Applicable" (N/A) on the NTS form, believing that the line item represented the monthly surveillance for particulate, iodine and tritium.

Cause of Event

This event is attributable to personnel error. The knowledge that the monthly surveillance had been completed the previous week resulted in the responsible individual exhibiting a lack of attention to detail. The individual failed to read the NTS form carefully, and subsequently marked the form incorrectly.

An important contributing factor to this error was the ambiguity of the NTS schedule form for Chemistry. The format failed to clearly define surveillance frequencies and the Technical Specification requirement which the sampling fulfilled. In addition, the form contained tasks unrelated to Technical Specification surveillance requirements.

Also contributing to this event was the lack of timely review of the completed surveillances for the period in question. Supervisory personnel were not available to review the completed paperwork prior to the expiration of the grace period for the surveillance.

LICENSEE EVENT REPORT (LER)  
TEXT CONTINUATION

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 (P-530), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1)  Cook Nuclear Plant Unit 1	DOCKET NUMBER (2)  0 5 0 0 0 3 1 5	LER NUMBER (6)			PAGE (3)		
		YEAR 9 4	SEQUENTIAL NUMBER 0 1 4	REVISION NUMBER 0 0	0 3	OF 0 3	

TEXT (If more space is required, use additional NRC Form 366A's) (17)

Analysis of Event

This event is being reported in accordance with 10CFR50.73(a)(2)(i)(B) as operation prohibited by the plant's Technical Specifications. Technical Specification 4.11.2.1 Table 4.11-2(C) requires the Gland Seal Exhaust gaseous effluent to be sampled and analyzed on a weekly basis.

During the month of December 1994, no abnormal operational activities occurred that would have caused an alteration in the normal nuclide composition of either units' Gland Seal Exhaust effluent. A review of the gaseous samples obtained before and after this event indicated no unusual nuclides present. In addition, the result of the sample analyses for particulate, iodine and tritium were reviewed for the periods prior to and after the missed gaseous sample, and no unusual nuclides were present.

It was concluded that the missed surveillance created no safety hazard, nor was the health and safety of the public jeopardized at any time.

Corrective Action

The NTS surveillance schedule sheet has been modified using human factor principles. Previously, the form had contained entries both for Technical Specification required surveillances and administrative tasks. To lessen the potential for confusion, the administrative tasks have been removed and the NTS schedule form now contains only Technical Specification required surveillances. The format has also been revised to organize the information for the required surveillances in a consistent and obvious manner.

The Chemistry Department has established a policy concerning the use of "N/A" which makes it clear that its use is no longer acceptable on the NTS surveillance schedule form. The procedure governing the use of NTS has been revised to reflect this clarification. Staff briefings on the procedure changes have been completed.

Personnel resources have been reallocated to be available on a timely basis to review finished surveillances for completeness and accuracy.

Previous Similar Events

315/94-012  
316/93-010  
316/93-002  
315/92-013  
316/91-003

Failed Component Identification

None