

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9211170232 DOC. DATE: 92/11/12 NOTARIZED: NO DOCKET #  
 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana M 05000315  
 AUTH. NAME AUTHOR AFFILIATION  
 WOJCIK, J.T. 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 92-013-00: on 921013, determined that turbine room sump  
 sample was not performed & analyzed in accordance w/TS  
 3.3.3.3.9 Table 3.3-12. Caused by personnel error. Sample  
 collected & analyzed. W/921112 ltr.

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EXTERNAL:	EG&G BRYCE, J.H	2 2	L ST LOBBY WARD	1 1
	NRC PDR	1 1	NSIC MURPHY, G.A	1 1
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616 465 5901



November 12, 1992

United States Nuclear Regulatory Commission  
Document Control Desk  
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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:

92-013-00

Sincerely,

A. A. Blind  
Plant Manager

/sb

Attachment

c: D. H. Williams, Jr.  
A. B. Davis, Region III  
E. E. Fitzpatrick  
P. A. Barrett  
R. F. Kroeger  
B. Walters - Ft. Wayne  
NRC Resident Inspector  
W. M. Dean - NRC  
J. G. Keppler  
M. R. Padgett  
G. Charnoff, Esq.  
D. Hahn  
INPO  
S. J. Brewer  
B. A. Svensson

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9211170232 921114  
PDR ADOCK 05000315  
S PDR

## LICENSEE EVENT REPORT (LER)

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-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) **D. C. COOK NUCLEAR PLANT - UNIT 1** DOCKET NUMBER (2) **0 5 0 0 0 3 1 5 1** PAGE (3) **1 OF 0 3**

TITLE (4) **Missed Surveillance of the Turbine Room Sump Sample due To Personnel Error**

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)																	
1	0	1	3	9	2	9	2	0	1	3	0	0	1	1	2	9	2	COOK PLANT-- UNIT 2	0	5	0	0	0	3	1	5	1

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

OPERATING MODE (9)	POWER LEVEL (10)	20.402(b)	20.406(a)(1)(i)	20.406(a)(1)(ii)	20.406(a)(1)(iii)	20.406(a)(1)(iv)	20.406(a)(1)(v)	20.406(c)	50.73(a)(2)(iv)	50.73(a)(2)(v)	50.73(a)(2)(vi)	50.73(a)(2)(vii)(A)	50.73(a)(2)(vii)(B)	50.73(a)(2)(viii)	50.73(a)(2)(ix)	73.71(b)	73.71(c)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
4	0 0 0																	

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
James T. Wojcik, Chemistry Superintendent	6 1 6 4 6 5 - 5 9 0 1

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)	NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
<input checked="" type="checkbox"/>	<input type="checkbox"/>				

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

On October 13, 1992, it was determined that a turbine room sump sample was not performed and analyzed in accordance with Plant Technical Specification 3.3.3.9 Table 3.3-12.

The Turbine Room Sump composite sampler was declared inoperable due to an instrument failure at 0525 hours on October 13, 1992. Compensatory actions in accordance with Technical Specifications require a sample to be taken at eight (8) hour intervals until the monitor is returned to service. Contrary to this requirement, compensatory samples were not taken for a period of 11 hours and 34 minutes. The failure to sample the sump in a timely manner is attributed to personnel error.

Following identification of the missed sample, a sample was immediately collected and analyzed to allow future releases via the turbine room sump flow path. Additionally, appropriate administrative actions were taken with respect to the individuals involved in this event.

LICENSEE EVENT REPORT (LER)  
TEXT CONTINUATION

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 60.0 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)  D. C. Cook Nuclear Plant - Unit 1	DOCKET NUMBER (2)  0   5   0   0   0   3   1   5	LER NUMBER (6)				PAGE (3)			
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER					
		9   2	—   0   1   3	—   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 4 (Hot Shutdown)

Unit Two in Mode 5 (Cold Shutdown)

Description of Event:

On October 13, 1992, it was determined that a turbine room sump sample was not performed and analyzed in accordance with Plant Technical Specification 3.3.3.9 Table 3.3-12.

The Turbine Room Sump composite sampler (EIIS:WK/MON) was declared inoperable due to an instrument failure at 0525 hours on October 13, 1992. Compensatory actions in accordance with Technical Specifications state that releases via the turbine room sump pathway (EIIS:WK) may continue for up to 30 days provided a sample is taken at eight (8) hour intervals until the monitor (EIIS:WK/MON) is returned to service. Contrary to this requirement, compensatory samples were not taken for a period of 11 hours and 34 minutes (from 1126 hours to 2305 hours on October 13, 1992).

In the event Technical Specification required components become inoperable, compensatory actions required by the Limiting Condition for Operations, are initiated and tracked by a Plant Administrative Instruction (PMI-4031, Event Initiated Surveillance). When the turbine room sump compositor (EIIS:WK/MON) became inoperable, the appropriate PMI-4031 surveillance were initiated. The failure to sample the sump (EIIS:WK) at the required interval appears to have been caused by inadequate understanding of the turnover from the day shift technician to the night shift technician. The sample required prior to 1926 hours was clearly identified in the turnover log. As a result, this event occurred due to the failure of the on duty chemistry technician to sample the turbine room sump (EIIS:WK) in a timely manner.

Cause of Event:

The cause for the missed sample surveillance was personnel error. The chemistry technician failed to collect and analyze the required sample as a result of not recognizing the time at which the sample was required to be taken.

A contributing factor for this event was the failure of the shift chemical supervisor to followup with the technician to ensure that the requirements of the technical specification were met.

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)  D. C. Cook Nuclear Plant - Unit 1	DOCKET NUMBER (2)  0 5 0 0 0 3 1 5	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		9 2	— 0 1 3	— 0 0	0 3	OF	0 3

TEXT (If more space is required, use additional NRC Form 368A's) (17)

Analysis of Event:

This event is reportable pursuant to 10CFR 50.73(a)(2)(i)(B), Any operation or condition prohibited by the plant's Technical Specifications. The failure to sample this effluent while the Turbine Room Sump Compositor is inoperable results in a violation of the Plant Technical Specifications.

The only potential source of radioactive influent to the Turbine Room Sump (TRS) is Secondary System leakage. This would be in the form of Steam Generator blowdown which could leak into the TRS. At the time of the event there was no Steam Generator blowdown being used by Unit Two. Unit One was using Steam Generator blowdown to support the Crevice Flushing evolution. The Unit One Steam Generators were analyzed for activity prior to starting the Crevice Flush evolution so that the Steam Generators could be drained periodically during this evolution. All activities were less than the minimum detectable when the Steam Generators were analyzed. Therefore, there was no potential impact on the health and safety of the public as a result of this event.

Corrective Action:

Following identification of the missed sample, a sample was immediately collected and analyzed to allow future releases via the turbine room sump flow path.

Appropriate administrative actions were taken with respect to the individuals involved in this event. Additionally, training has been provided to the Chemistry group to ensure Technical Specification required activities are performed in a timely manner.

Failed Component Identification:

There were no failed components associated with this condition.

Previous Similar Events:

Similar LER's:      U1-84-029  
                         U2-86-002  
                         U2-87-009  
                         U1-90-011