

EXPIRES 04/30/98

LICENSEE EVENT REPORT (LER)

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

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS MANDATORY INFORMATION
COLLECTION REQUEST: 50.0 HRS. REPORTED LESSONS LEARNED ARE INCORPORATED INTO
THE LICENSING PROCESS AND FED BACK TO INDUSTRY. FORWARD COMMENTS REGARDING
BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (T-6 F33),
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)

Prairie Island Nuclear Generating Plant Unit 1

DOCKET NUMBER (2)

05000 282

PAGE (3)

1 OF 3

TITLE (4)

Surveillance Interval Discrepancies with Diesel Fuel Oil Sample Analyses

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 NAME	DOCKET NUMBER	
04	08	97	97	05	00	5	8	97	Prairie Island	05000 306	
									FACILITY NAME	DOCKET NUMBER	
										05000	
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more) (11)									
		20.2201(b)			20.2203(a)(2)(v)			50.73(a)(2)(i)			50.73(a)(2)(viii)
POWER LEVEL (10)		20.2203(a)(1)			20.2203(a)(3)(i)			50.73(a)(2)(ii)			50.73(a)(2)(x)
		20.2203(a)(2)(i)			20.2203(a)(3)(ii)			50.73(a)(2)(iii)			73.71
		20.2203(a)(2)(ii)			20.2203(a)(4)			50.73(a)(2)(iv)			OTHER
		20.2203(a)(2)(iii)			✓ 50.36(c)(1)			50.73(a)(2)(v)			Specify in Abstract below or in NRC Form 368A
		20.2203(a)(2)(iv)			50.36(c)(2)			50.73(a)(2)(vii)			

LICENSEE CONTACT FOR THIS LER (12)

NAME

Jack Leveille

TELEPHONE NUMBER (include Area Code)

612-388-1121

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRS

SUPPLEMENTAL REPORT EXPECTED (14)

YES

(If yes, complete EXPECTED SUBMISSION DATE).

✓

NO

EXPECTED
SUBMISSION

MONTH

DAY

YEAR

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

A system engineer discovered that the monthly analysis of the diesel fuel was not being performed within the required time. Samples were taken monthly as required. Samples were then sent off site for analysis. The analysis results were returned to the system engineer regularly, in approximately 3 weeks. Surveillances are required to be completed within $\pm 25\%$ of the surveillance interval specified in the Technical Specifications. No time requirement had been associated with receiving and reviewing the sample analyses. The operability of the emergency diesel generators was never affected by this time delay, as all analyzed samples were acceptable. The surveillance procedure will be changed to specify the completion of the required analysis prior to the surveillance being considered complete.

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PDR ADOCK 05000282
S PDR

LICENSEE EVENT REPORT (LER)

TEXT CONTINUATION

FACILITY NAME (1)	DOCKET	LER NUMBER (6)			PAGE (3)
Prairie Island Nuclear Generating Plant Unit 1	05000 282	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	2 OF 3
		97	-- 05 --	00	

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

EVENT DESCRIPTION

While operating at 100% power on April 8, 1997, a system engineer discovered that the monthly analysis of the diesel fuel was not being performed within the required time. Technical Specification 4.6.A.1.c requirement is, "once each month":

Verify that a sample of diesel fuel from the fuel oil storage tank is within the acceptable limits specified . . .

Samples were taken monthly as required. Samples were then sent off site (to the NSP testing laboratory in Minneapolis) for analysis. The surveillance was written so that the surveillance was considered complete after the sample was taken, but before the sample was analyzed and the analyses were completed. The analysis results were returned to the system engineer regularly in approximately 3 weeks, which was outside $\pm 25\%$ of the surveillance interval specified in the Technical Specifications.

This was discovered as a result of an action taken in response to an NRC violation at Monticello identified in Inspection Report 50-263/96009 (SOPI). Discussions between staff members at the Prairie Island and Monticello sites concurred that this item was reportable. Since the analysis is required by the Technical Specification and fulfills the purpose of the surveillance, the surveillance should not have been considered complete until the analysis was completed.

CAUSE OF THE EVENT

Completion of this surveillance has always been incorrectly associated with taking, not analyzing, the sample every 30 days. No time criteria had been procedurally required for receiving and reviewing the sample analysis results. The cause of this event was a lack of technical staff understanding that the analyses must be completed before the surveillance is considered complete.

ANALYSIS OF THE EVENT

Results of the analyses have been satisfactory. The operability of the emergency diesel generators¹ was not affected by the delay in the performance of the analyses. This event had no adverse effect on health and safety of the public.

Surveillance tests must be completed within $\pm 25\%$ of the surveillance interval specified in the Technical Specifications. Since the diesel fuel surveillance was not completed within $\pm 25\%$ of the monthly

¹ (EIS System Identifier: EK; EIS Component Identifier: DG)

(4-95)

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TEXT CONTINUATION

FACILITY NAME (1)	DOCKET	LER NUMBER (6)	PAGE (3)						
Prairie Island Nuclear Generating Plant Unit 1	05000 282	<table border="1"><tr><th data-bbox="1019 229 1084 268">YEAR</th><th data-bbox="1084 229 1253 268">SEQUENTIAL NUMBER</th><th data-bbox="1253 229 1338 268">REVISION NUMBER</th></tr><tr><td data-bbox="1019 268 1084 306">97 --</td><td data-bbox="1084 268 1253 306">05 --</td><td data-bbox="1253 268 1338 306">00</td></tr></table>	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	97 --	05 --	00	3 OF 3
YEAR	SEQUENTIAL NUMBER	REVISION NUMBER							
97 --	05 --	00							

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

interval, Technical Specification 4.6.A.1.c was not being met. This is reportable per 10 CFR Part 50, Section 50.73(2)(i)(B) which requires reporting any "condition prohibited by the plant's Technical Specifications."

CORRECTIVE ACTION

The diesel fuel surveillance procedure will be changed to require completion of the required analyses prior to considering the surveillance complete.

Other surveillance procedures that are being considered complete, prior to completion of all data/analysis, have been identified. No other concerns were identified since these tests had other controls on procedure completion.

FAILED COMPONENT IDENTIFICATION - - NonePREVIOUS SIMILAR EVENTS - - None