

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 4

TITLE (4)

Cooling Water Surveillance Tests Missed as Result of a Rescheduling 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 NAME	DOCKET NUMBER
2	17	96	96	-- 06 --	00	3	18	96	Prairie Island Unit 2	05000 306
									FACILITY NAME	DOCKET NUMBER
										05000
OPERATING MODE (9)		N	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more) (11)							
			20.2201(b)			20.2203(a)(2)(v)			X 50.73(a)(2)(i)	50.73(a)(2)(viii)
POWER LEVEL (10)		0	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 366A
			20.2203(a)(2)(iv)			50.36(c)(2)			50.73(a)(2)(vii)	

## LICENSEE CONTACT FOR THIS LER (12)

NAME

Gene Eckholt

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 NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS

## SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE).	X NO	EXPECTED SUBMISSION	MONTH	DAY	YEAR
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## ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) (16)

On February 17, 1996, while Unit 1 was in a scheduled refueling outage and Unit 2 was operating at 100% power, it was discovered that surveillance procedures SP-1151, "Cooling Water System Test", and SP-1158, "Cooling Water Valves Test", had not been performed within their allowed quarterly surveillance window. Both SP's had gone beyond their + 25% late due dates of February 15, 1996 for SP-1151 and February 9, 1996 for SP-1158. The procedures were not performed within their allowed quarterly surveillance window because they had been deferred to be completed prior to heatup at the end of the Unit 1 refueling outage. The deferral was a result of ongoing outage work and because it was mistakenly assumed that the procedures only related to Unit 1 components. It was discovered after the allowed surveillance window had passed, that both procedures also addressed components shared with the operating unit. Surveillance procedures SP-1151 and SP-1158 were completed satisfactorily on February 17, 1996.

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## LICENSEE EVENT REPORT (LER)

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		96	-- 06 --	00		

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

EVENT DESCRIPTION

Surveillance procedure SP-1158, "Cooling Water Valves Test", is required by Technical Specification Section 4.5 and the ASME Code Section XI. The test consists of cycling various cooling water valves and monitoring the stroke times quarterly.

Surveillance procedure SP-1151, "Cooling Water System Test", is required by Technical Specification Sections 4.2 & 4.5 and the ASME Code Section XI. The test consists of verifying the operability of various Cooling Water System components.

On January 17, 1996, with Unit 1 shutdown for refueling and Unit 2 operating at 100% power, the Scheduling Specialist was reviewing the control room daily surveillance schedule and noted that SP-1158, "Cooling Water Valves Test", had not been completed on its scheduled due date of 1/17/96 because of ongoing work on the Unit 1 fan coil units (FCU). Because Unit 1 was shutdown for refueling, and because the surveillance procedure was printed on buff colored paper (indicative of a Unit 1 surveillance procedure) the individual was led to believe that only Unit 1 equipment was involved in the procedure and there would be no problem with placing this surveillance on the Unit 1 heatup checklist C1.4A, "Surveillance Requirements", which would be performed prior to heatup at the end of the outage. The individual's cursory review of surveillance procedure SP-1158 at that time did not identify that the test involved equipment common to both units. The associated condition ID for surveillance procedure SP-1158, which indicates the plant status required to perform the surveillance, was not referred to when making the decision to add surveillance procedure SP-1158 to the heatup checklist. Surveillance procedure SP-1158 was then added to checklist C1.4A to ensure it would be completed before commencing Unit 1 heatup. Because SP-1158 was not completed by the published due date, it started appearing on the Surveillance Procedure Overdue List that is printed out daily.

On January 23, 1996, with Unit 1 still shutdown for refueling and Unit 2 continuing to operate at 100% power, the Scheduling Specialist was reviewing the control room daily surveillance procedure schedule and noted that surveillance procedure SP-1151, "Cooling Water System Test", had not been completed on its scheduled due date of January 23, 1996. The Scheduling Specialist determined that surveillance procedure SP-1151 could be added to the Unit 1 C1.4A heatup checklist using the same reasoning applied when adding SP-1158 to heatup checklist. The circumstances surrounding the decision to place surveillance procedure SP-1151 on the heatup checklist were similar to those involving SP-1158, except that SP-1151 was printed on white colored paper rather than the normal buff color. The cursory review of SP-1151 performed at that time also did not identify that the test involved equipment common to both units. SP-1151 was then added to the Unit 1 heatup checklist C1.4A, to ensure it would be completed before commencing Unit 1 reactor heatup. SP-1151 started appearing on the Surveillance Procedure Overdue List that is printed out daily.

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

Because surveillance procedures SP-1151 and SP-1158 involved the testing of components common to both units and because Unit 2 was still operating at 100% power, the performance of those tests was required to be completed within the scheduled quarterly surveillance window, and their performance should not have been deferred to prior to heatup at the end of the Unit 1 refueling outage.

On February 17, 1996, with Unit 1 still shutdown for refueling and Unit 2 continuing to operate at 100% power, a Shift Supervisor in the Work Control Center was reviewing the C1.4A surveillance requirements checklist and identified that SP-1151 and SP-1158 should not have been deferred and that because of the deferral they had not been performed within their allowed quarterly surveillance window. Both SP's had gone beyond their + 25% late due dates of February 15, 1996 for SP-1151 and February 9, 1996 for SP-1158. Action was then taken to complete both surveillance procedures. Surveillance procedure SP-1151, "Cooling Water System Test", was completed satisfactorily at 0956 hours on February 17, 1996. Surveillance procedure SP-1158, "Cooling Water Valves Test", was completed satisfactorily at 1027 hours on February 17, 1996.

### Cause of Event

The cause of the event was personnel error. The Scheduling Specialist inadvertently placed two surveillance procedures (SP) that contained common equipment for both Units 1 & 2 on the Unit 1 C1.4A, Surveillance Requirements, heatup checklist. This action deferred the performance of the two surveillance procedures until prior to heatup at the end of the Unit 1 refueling outage. Subsequent reviews of the Surveillance Procedure Overdue List also failed to identify that these surveillance procedures were required to be performed at all times independent of plant status.

### Analysis of The Event

Surveillance procedures SP-1151 and SP-1158 were successfully performed on February 17, 1996 and the cooling water system components common to both units contained in these surveillance procedures met their acceptance criteria when tested. There is no evidence to suggest that these components would not have fulfilled their design function at any time. Therefore the health and safety of the public was not affected by this event.

SP-1151, Cooling Water System Test, and SP-1158, Cooling Water Valves Test, contain Section XI test requirements for certain common CL system components. These two surveillance procedures were not performed within the allowed quarterly surveillance window which is a violation of Technical Specifications 4.2 and 4.5 and thus is reportable under 10 CFR Part 50.73(a)(2)(i)(B).

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Prairie Island Nuclear Generating Plant 1	05000 282	<table border="1"><tr><th data-bbox="1015 223 1079 266">YEAR</th><th data-bbox="1079 223 1258 266">SEQUENTIAL NUMBER</th><th data-bbox="1258 223 1347 266">REVISION NUMBER</th></tr><tr><td data-bbox="1015 266 1079 308">96</td><td data-bbox="1079 266 1258 308">-- 06 --</td><td data-bbox="1258 266 1347 308">00</td></tr></table>	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	96	-- 06 --	00	4 OF 4
YEAR	SEQUENTIAL NUMBER	REVISION NUMBER							
96	-- 06 --	00							

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

Corrective Action

Surveillance procedure SP-1158 will be re-written to split the Unit 1 and shared equipment testing into two procedures, one for Unit 1 and one for shared equipment. Because the majority of the components tested by surveillance procedure SP-1151 are shared by both units, no changes to SP-1151 are deemed necessary.

The current method of numbering surveillance procedures pertaining to Unit 1 and shared systems will be evaluated for any improvements which could be implemented to prevent recurrence of this event.

Failed Component Identification

There were no failed components.

Previous Similar Events

While there have been instances of missed surveillance's in the past at Prairie Island, none have involved the specific circumstances of this event.