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 AUTH. NAME AUTHOR AFFILIATION
 MACKAMAN, C.D. Washington Public Power Supply System
 PARRISH, J.V. Washington Public Power Supply System
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: LER 93-026-00: on 930619, failed to complete weekly battery surveillance requirements within allowed TS interval due to scheduling oversight. Initiated & completed PPM 7.4.8.2.1.20. W/930719 ltr.

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM

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July 19, 1993
G02-93-187

Docket No. 50-397

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: **NUCLEAR PLANT WNP-2, OPERATING LICENSE NPF-21
LICENSEE EVENT REPORT NO. 93-026**

Transmitted herewith is Licensee Event Report No. 93-026 for the WNP-2 Plant. This report is submitted in response to the report requirements of 10CFR50.73 and discusses the items of reportability, corrective action taken, and action taken to preclude recurrence.

Sincerely,



J. V. Parrish (Mail Drop 1023)
Assistant Managing Director, Operations

JVP/CDM/cgeh
Enclosure

cc: Mr. B. H. Faulkenberry, NRC - Region V
Mr. R. Barr, NRC Resident Inspector (Mail Drop 901A, 2 Copies)
INPO Records Center - Atlanta, GA
Mr. D. L. Williams, BPA (Mail Drop 399)

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LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)

Washington Nuclear Plant - Unit 2

DOCKET NUMBER (2)

0 5 0 0 0 3 9 7

PAGE (3)

1 OF 5

TITLE (4)

FAILURE TO COMPLETE WEEKLY BATTERY SURVEILLANCE REQUIREMENTS WITHIN THE ALLOWED TECHNICAL SPECIFICATION INTERVAL DUE TO A SCHEDULING OVERSIGHT

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 NUMBERS(S)	
0	6	1993	93	026	00	0	7	1993		05000	
										05000	

OPERATING MODE (9) THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)

POWER LEVEL (10)	0	0	1	20.402(b)	20.405(c)	50.73(a)(2)(iv)	77.71(b)
				20.405(a)(1)(i)	50.36(c)(1)	50.73(a)(2)(v)	73.73(c)
				20.405(a)(1)(ii)	50.36(c)(2)	50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
				20.405(a)(1)(iii)	X 50.73(a)(2)(i)	50.73(a)(2)(viii)(A)	
				20.405(a)(1)(iv)	50.73(a)(2)(ii)	50.73(a)(2)(viii)(B)	
			20.405(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(x)		

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
C. D. Mackaman, Licensing Engineer	
	AREA CODE
	5 0 9 3 7 7 - 4 4 5 1

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS

SUPPLEMENTAL REPORT EXPECTED (14)

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

ABSTRACT (16)

On June 19, 1993, at 0611 hours, WNP-2 failed to comply with Technical Specification Surveillance Requirement 4.8.2.1.a for all safety-related batteries. Surveillance Procedure PPM 7.4.8.2.1.20, "Weekly Battery Testing," satisfies the surveillance requirements for all plant safety-related batteries. The procedure was not completed within the required seven day interval plus 1.75 days (25% maximum allowable extension per Surveillance Requirement 4.0.2). The battery surveillance procedure was last completed on June 10, 1993, at 1211 hours, with the next completion due no later than 0611 hours on June 19, 1993. However, the surveillance procedure was not completed until June 19, 1993, at 1837 hours. This resulted in all plant safety-related batteries being technically inoperable from 0611 hours to 1837 hours on June 19, 1993, for failing to comply with Surveillance Requirement 4.0.2. The associated Technical Specification Action Statements were not entered as the battery surveillance procedure was in progress. Surveillance Requirement 4.0.3 permits an action requirement delay of up to 24 hours to complete a delinquent surveillance.

The immediate corrective action was the initiation and successful completion of PPM 7.4.8.2.1.20 on June 19, 1993, at 1837 hours.

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Abstract (Cont'd)

The root causes of this event were less than adequate Technical Specification surveillance tracking methods and personnel error. Further corrective actions include counseling of responsible Electrical Maintenance Shop personnel and Technical Specification Surveillance Program changes.

This event posed no threat to the health and safety of either the public or plant personnel.

Plant Conditions

Power Level - 1%

Plant Mode - 2 (Startup)

Event Description

On June 19, 1993, at 0611 hours, WNP-2 failed to comply with Technical Specification Surveillance Requirements 4.8.2.1.a and 4.0.2 for all safety-related batteries. Surveillance Procedure PPM 7.4.8.2.1.20, "Weekly Battery Testing," satisfies the surveillance requirements for all plant safety-related batteries. The procedure was not completed within the required seven day interval plus 1.75 days (25% maximum allowable extension per Surveillance Requirement 4.0.2).

Electrical Maintenance Shop personnel submitted the battery surveillance procedure to the Shift Manager for work authorization on June 19, 1993, shortly before 1700 hours. During the routine work authorization review, it was identified that the procedure should have been scheduled for June 16, 1993, with a work start "Late Date" of June 17, 1993. The Shift Manager subsequently initiated actions to perform PPM 7.4.8.2.1.20 immediately and determine the last successful completion of the procedure. The battery surveillance procedure was successfully completed on June 19, 1993, at 1837 hours with no discrepancies. Shortly thereafter, it was discovered that the previous successful completion was on June 10, 1993, at 1211 hours. Thus, the surveillance procedure should have been completed no later than 0611 hours on June 19, 1993, for Surveillance Requirement 4.0.2 compliance. This resulted in all plant safety-related batteries being technically inoperable from 0611 hours to 1837 hours on June 19, 1993, a period of 12 hours and 26 minutes. The associated Technical Specification Action Statements were not entered as the surveillance procedure was in progress. Surveillance Requirement 4.0.3 permits an action requirement delay of up to 24 hours to complete a delinquent surveillance.

Immediate Corrective Actions

The immediate corrective action was the initiation and successful completion of PPM 7.4.8.2.1.20 on June 19, 1993, at 1837 hours.

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Further Evaluation and Corrective Action

A. Further Evaluation

1. This event is reportable pursuant to 10CFR50.73(a)(2)(i)(B) as "Any operation or condition prohibited by the plant's Technical Specifications . . ."
2. At the time of this event, the Electrical Shop was working from a "Plant Restart Punchlist" following completion of the R-8 Maintenance and Refueling Outage. The punchlist was being used to list and coordinate all work for plant restart. Because the shop was concentrating on restart activities, battery surveillance procedure PPM 7.4.8.1.2.20 was not transferred from the normal "Daily Work List" to the "Plant Restart Punchlist" due to a shop administrative oversight. The Scheduled Maintenance System (SMS) card for the battery surveillance was issued to the Electrical Shop in a timely manner and was added to the shop's "Surveillance Procedure Tracking Board." However, the surveillance procedure was again not transferred to the "Plant Restart Punchlist," due to another shop administrative oversight. Since Electrical Shop work activities were being scheduled solely from the punchlist, the surveillance was inadvertently left off the June 16, 1993, shop work schedule.
3. Electrical Maintenance Shop personnel responsible for this event were counseled to prevent recurrence and to reemphasize the importance of Technical Specification compliance.
4. The Plant Manager subsequently communicated his expectations to his staff regarding personnel accountability for completing surveillances within their normal intervals.

B. Root Cause

The two root causes of this event were:

1. Less than adequate Technical Specification surveillance tracking and statusing methods by Electrical Maintenance Shop supervision.
2. The failure of Electrical Shop personnel to capture and transfer PPM 7.4.8.1.2.20 from the "Daily Work List" and "Surveillance Procedure Tracking Board" to the "Plant Restart Punchlist."

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Further Corrective Action

1. Administrative Procedure PPM 1.5.1, "Technical Specification Surveillance Program," will be revised by September 1, 1993, to further strengthen the surveillance program. In the interim, daily reports detailing those surveillances approaching their due date will be generated and provided to the Shift Managers and plant management.

Safety Significance

The battery surveillance procedure PPM 7.4.8.2.1.20 was successfully completed on June 19, 1993, at 1837 hours with no discrepancies. The allowed surveillance interval of 8.75 days was exceeded by only 12 hours and 26 minutes as the procedure had previously been completed on June 10, 1993, at 1211 hours. Since all of the batteries met the surveillance procedure acceptance criteria, they were capable of performing their design safety functions during the interval between surveillances. This includes the delinquent period. Thus, there was no safety significance associated with this event and it posed no threat to the health and safety of either the public or plant personnel.

Similar Events

Other events reported since 1988 that are considered similar to this event are listed below. These events involved conditions where Technical Specification surveillances were not performed within the required interval due to the lack of procedural and programmatic controls, or due to personnel errors. Those events that resulted from procedural and programmatic deficiencies are being addressed in LER 93-010 through implementation of the Technical Specification Surveillance Improvement Project. The remaining events were the result of personnel errors. Plant management is concerned about the recurrence of personnel errors resulting in missed surveillances. As a result, the Plant Manager has sponsored cultural, accountability and additional programmatic changes to address this issue.

LER 88-009	LER 91-013 (seven events)
LER 88-020	LER 91-027
LER 88-033	LER 91-028
LER 88-035	LER 91-036
LER 88-036	LER 92-023
LER 89-003	LER 92-038
LER 92-046	LER 91-005
LER 93-010	

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EIIS Information

Text Reference

DC Power System - Class 1E
Safety-Related Batteries

EIIS Reference

<u>System</u>	<u>Component</u>
EJ	---
EJ	BTRY