

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)
Washington Nuclear Plant - Unit 2

DOCKET NUMBER (2)

0 5 0 0 0 3 9 1 7 1 OF 0 2

PAGE (3)

TITLE (4)

Isolation of Reactor Water Cleanup

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)
0	6	2	5	8	5	0	4	5	0	0	0
0	6	2	5	8	5	0	4	5	0	0	0

OPERATING MODE (9)	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 8: (Check one or more of the following) (11)																														
4	<table border="1"><tr><td>20.402(b)</td><td>20.406(a)</td><td>X</td><td>50.73(a)(2)(iv)</td><td>73.71(b)</td></tr><tr><td>20.406(a)(1)(i)</td><td>50.73(a)(1)</td><td></td><td>50.73(a)(2)(v)</td><td>73.71(c)</td></tr><tr><td>20.406(a)(1)(ii)</td><td>50.73(a)(2)</td><td></td><td>50.73(a)(2)(vi)</td><td>X OTHER (Specify in Abstract below and in Text, NRC Form 368A)</td></tr><tr><td>20.406(a)(1)(iii)</td><td>50.73(a)(2)(i)</td><td></td><td>50.73(a)(2)(vii)(A)</td><td>50.72(b)(2)(ii)</td></tr><tr><td>20.406(a)(1)(iv)</td><td>50.73(a)(2)(ii)</td><td></td><td>50.73(a)(2)(vii)(B)</td><td></td></tr><tr><td>20.406(a)(1)(v)</td><td>50.73(a)(2)(iii)</td><td></td><td>50.73(a)(2)(viii)</td><td></td></tr></table>	20.402(b)	20.406(a)	X	50.73(a)(2)(iv)	73.71(b)	20.406(a)(1)(i)	50.73(a)(1)		50.73(a)(2)(v)	73.71(c)	20.406(a)(1)(ii)	50.73(a)(2)		50.73(a)(2)(vi)	X OTHER (Specify in Abstract below and in Text, NRC Form 368A)	20.406(a)(1)(iii)	50.73(a)(2)(i)		50.73(a)(2)(vii)(A)	50.72(b)(2)(ii)	20.406(a)(1)(iv)	50.73(a)(2)(ii)		50.73(a)(2)(vii)(B)		20.406(a)(1)(v)	50.73(a)(2)(iii)		50.73(a)(2)(viii)	
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20.406(a)(1)(iii)	50.73(a)(2)(i)		50.73(a)(2)(vii)(A)	50.72(b)(2)(ii)																											
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20.406(a)(1)(v)	50.73(a)(2)(iii)		50.73(a)(2)(viii)																												

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
W. S. Davison, Compliance Engineer	510 19 31 71 71-1 215 10 1 1

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13) Ext. 2726

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC

SUPPLEMENTAL REPORT EXPECTED (14)

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

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

With the Plant in a Startup condition, an automatic Reactor Water Cleanup (RWC) System Isolation occurred while repressurizing B RWC Demineralizer after completion of a backwash and a precoat. The isolation was attributed to the presence of air in the sensing lines of the flow instrumentation as a result of a recent maintenance outage in conjunction with a slight decrease in system pressure when the Demineralizer Vessel was pressurized.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 9/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
Washington Nuclear Plant - Unit 2	0500039785	04	5	0	0	2 OF 02

TEXT (If more space is required, use additional NRC Form 388A's) (17)

Plant Conditions

- a) Power Level - 0%
- b) Reactor Mode - 4

Event

On 6/25/85 at approximately 1740 hours, a Reactor Water Cleanup (RWCU) High Suction Flow signal actuated the Nuclear Steam Supply Shutoff System (NSSSS) Logic Circuitry resulting in an isolation signal that closed RWCU-V-1 and RWCU-V-4. The High Suction Flow signal occurred in conjunction with the repressurization of B RWCU Demin after precoat-ing in preparation for putting B RWCU Demin on line. During the event B RWCU flow was going to Radwaste. Reactor water temperature was approximately 145°F.

Immediate Corrective Action

- o The RWCU System piping was inspected and no leaks were found.

Further Corrective Action

- o It was later noticed by the Control Room Operator that RWCU-FI-609 indication did not agree with the indicated combined Demin flows and a High Differential Flow was indicated on panel P-632. A Maintenance Work Request (MWR) was submitted request-ing recalibration.
- o The problem was traced to air in the sensing lines as a result of a recent main-tenance outage. The lines were filled and instruments placed back in service.

Safety Significance

The occurrence of this event did not affect the safety of the plant or that of the public. The system functioned to isolate in accordance with its design basis and no actual leak existed in the RWCU System.

Similar Events

There have been several other LER's dealing with Reactor Water Cleanup Delta Flow pro-blems. For the most recent LER see LER-85-010.

EIIS Information

Text Reference	EIIS Reference	
	System	Component
B RWCU Demin	CE	FDM
RWCU-V-1,-4	CE	ISV
RWCU-FI-609	CE	FI

Washington Public Power Supply System

P.O. Box 968 3000 George Washington Way Richland, Washington 99352 (509) 372-5000

Docket No. 50-397

July 22, 1985

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

Subject: NUCLEAR PLANT NO. 2
LICENSEE EVENT REPORT NO. 85-045

Dear Sir:

Transmitted herewith is Licensee Event Report No. 85-045 for WNP-2 Plant. This report is submitted in response to the report requirements of 10CFR50.73 and discusses the item of reportability, corrective action taken, and action taken to preclude recurrence.

This is the follow-up report to the verbal notification given at 1830 hours on June 25, 1985.

Very truly yours,

C.M. Powers
C.M. Powers (M/D 927M)
WNP-2 Plant Manager

CMP:1a

Enclosure:
Licensee Event Report No. 85-045

cc: Mr. John B. Martin, NRC - Region V
Mr. A. D. Toth, NRC - Site (901A)
Ms. Dottie Sherman, ANI
INPO Records Center - Atlanta, GA

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