

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1): Washington Nuclear Plant - Unit 2
DOCKET NUMBER (2): 050003971 OF 02

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
07	05	84	84	07	2	07	06	84	
									DOCKET NUMBER(S): 050000

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)

OPERATING MODE (9): 1	<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.406(e)	<input checked="" type="checkbox"/> 50.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)
POWER LEVEL (10): 042	<input type="checkbox"/> 20.406(a)(1)(ii)	<input type="checkbox"/> 50.38(a)(1)	<input type="checkbox"/> 50.73(a)(2)(v)	<input type="checkbox"/> 73.71(e)
	<input type="checkbox"/> 20.406(a)(1)(iii)	<input type="checkbox"/> 50.38(a)(2)	<input type="checkbox"/> 50.73(a)(2)(vi)	<input checked="" type="checkbox"/> OTHER (Specify in Abstract below and in Text, NRC Form 356A)
	<input type="checkbox"/> 20.406(a)(1)(iv)	<input type="checkbox"/> 50.73(a)(2)(i)	<input type="checkbox"/> 50.73(a)(2)(vii)(A)	50.72(b)(2)(ii)
	<input type="checkbox"/> 20.406(a)(1)(v)	<input type="checkbox"/> 50.73(a)(2)(ii)	<input type="checkbox"/> 50.73(a)(2)(vii)(B)	
	<input type="checkbox"/> 20.406(a)(1)(vi)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)
NAME: C.M. Powers, Reactor Engineering Supervisor
TELEPHONE NUMBER: 51093177-125017
Ext. 2996

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
B	QE	-FTR	R369	N					

SUPPLEMENTAL REPORT EXPECTED (14)
 YES (If yes, complete EXPECTED SUBMISSION DATE) NO
EXPECTED SUBMISSION DATE (15): 100184

ABSTRACT (Limit to 400 characters; i.e. approximately 17 lines single-space typewritten lines) (16)

During Plant operation, Reactor Water Cleanup System (RWCU) isolations occurred, due to erroneous RWCU high delta flow trips. (Isolation of RWCU is an ESF actuation.)

A total of three isolations occurred, one on 7/5/84 and two on 7/6/84. Prior to these trips, RWCU delta flow was functioning just below its trip setpoint (58.5 GPM).

These isolations were reported to the NRC at 2210 hours on 7/5/84 and twice on 7/6/84.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 4	- 0 7 2	- 0 0 0	2	OF	0 2

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

Plant Condition

- a). Power Level - 42%
- b) Plant Mode - 1

Event

On 7/5/84, a spurious High Delta Flow Trip actuated an NSSSS isolation signal which resulted in closure of RWCU-V-1 and RWCU-V-4. An inspection of the system piping determined that no actual leaks existed. The isolation signals for RWCU-V-1 and RWCU-V-4 were reset and the RWCU system was returned to service.

On 7/6/84, two (2) RWCU High Delta Flow Trips occurred and initiated a sequence of events identical to that described for the 7/5/84 isolation.

Immediate Corrective Action

The RWCU Delta Flow instruments were checked for proper calibration. The return to Reactor vessel transmitter, RWCU-FT-41, was found to have inadequate response. The transmitter was replaced. The sensing lines for the blowdown flow transmitter RWCU-FT-15 were found partially filled. The sensing lines were refilled and vented at their high points.

Future Corrective Action

Although instrument problems in the RWCU Delta Flow network have been identified and corrected (resulting in improved system performance), additional changes may be required.

Any further corrective actions and the results of those actions will be addressed in the supplement to this LER.

Safety Significance

The occurrence of these events did not affect the safety of the Plant or that of the public. The system functioned to isolate in accordance with its design basis.

Washington Public Power Supply System

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

Docket No. 50-397

July 26, 1984

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

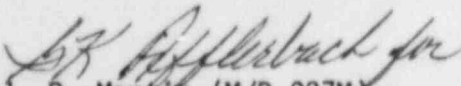
Subject: NUCLEAR PLANT NO. 2
LICENSEE EVENT REPORT NO. 84-072

Dear Sir:

Transmitted herewith is Licensee Event Report No. 84-072 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 2210 hours on July 5, 1984 and twice again on July 6, 1984.

Very truly yours,


J. D. Martin (M/D 927M)
WNP-2 Plant Manager

JDM:mm

Enclosure:
Licensee Event Report No. 84-072

cc: Mr. John B. Martin, Administrator
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