

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)
Washington Nuclear Plant - Unit 2

DOCKET NUMBER (2)
0 5 0 0 0 0 3 9 1 7

PAGE (3)
1 OF 0 1 2

TITLE (4)
RWCU Isolation

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	9	0	4	8	4	0	9	7	0	0	0	9	2	8	8	4	0	5	0	0	0		

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

OPERATING MODE (9) 1	20.402(b)	20.406(a)	<input checked="" type="checkbox"/>	50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 0 4 9	20.406(a)(1)(i)	50.36(a)(1)		50.73(a)(2)(v)	73.71(c)
	20.406(a)(1)(ii)	50.36(a)(2)		50.73(a)(2)(vii)	<input checked="" type="checkbox"/> OTHER (Specify in Abstract below and in Text, NRC Form 366A)
	20.406(a)(1)(iii)	50.73(a)(2)(i)		50.73(a)(2)(viii)(A)	50.72(b)(2)(ii)
	20.406(a)(1)(iv)	50.73(a)(2)(ii)		50.73(a)(2)(viii)(B)	
	20.406(a)(1)(v)	50.73(a)(2)(iii)		50.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME
R. L. Koenigs, Compliance Engineer

TELEPHONE NUMBER
AREA CODE: 5 1 0 1 9
3 1 7 1 7 1 - 1 2 1 5 1 0 1 1

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13) Ext. 2279

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS
B	CIE - F D I M	G 1 2 2 1 0		N					

SUPPLEMENTAL REPORT EXPECTED (14)

YES (if yet complete EXPECTED SUBMISSION DATE) NO

EXPECTED SUBMISSION DATE (15)

MONTH	DAY	YEAR

ABSTRACT (Limit to 400 characters; space only; fifteen single-space typewritten lines) (16)

While placing the "B" Reactor Water Cleanup (RWCU) filter demineralizer in the hold mode, following backwashing and precoating, an automatic isolation of the RWCU system occurred. (Isolation of RWCU is an ESF actuation.) The isolation resulted from a RWCU high delta flow signal.

Inspections confirmed that no actual leaks existed and the RWCU system was returned to normal operation.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		- 0 9 7	- 0 0 0	0 2	OF	0 2	

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

Plant Condition

- a) Plant Mode - 1
- b) Power Level - 49%

Event

On Midshift, 9/4/84, reject flow to the main condenser of approximately 100 gpm was established while the "B" RWCU Filter Demineralizer was being backwashed and precoated. The "A" RWCU Filter Demineralizer was not available for service due to poor efficiency resulting from fouled elements. At completion of precoating, the "B" RWCU Filter Demineralizer was placed in the Hold mode, which caused RWCU delta flow to increase to the setpoint (58.5 gpm). The condition existed for greater than the 45 second time delay. This actuated an NSSSS isolation signal, resulting in closure of RWCU-V-1, and RWCU-V-4. The operators were not aware that a high delta flow condition existed until the isolation took place. This is because the high delta flow annunciator actuates concurrent with the NSSSS isolation signal after a 45 second time delay.

Immediate Corrective Action

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.

Further Corrective Action

The high delta flow annunciator circuit is being redesigned, such that annunciator actuation takes place when the trip setpoint is reached. Initial engineering for the re-design has been completed, and is presently in the review cycle.

The Plant Technical Staff has explored possible modifications to air supply and water pressurization piping and a Plant Modification Record has been initiated to obtain Design Engineering review of proposed piping changes.

Safety Significance

This event did not affect the safety of the Plant or that of the public. The system functioned in accordance with its design.

Similar Events

Refer to LER 84-072 for other RWCU isolations.

Washington Public Power Supply System

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

Docket No. 50-397

September 28, 1984

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

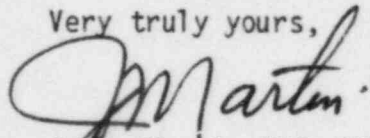
Subject: NUCLEAR PLANT NO. 2
LICENSEE EVENT REPORT NO. 84-097

Dear Sir:

Transmitted herewith is Licensee Event Report No. 84-097 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 0340 hours on September 4, 1984.

Very truly yours,



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

JDM:mm

Enclosure:

Licensee Event Report No. 84-097

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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