

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1): Washington Nuclear Plant - Unit 2
 DOCKET NUMBER (2): 050000397
 PAGE (3): 1 OF 2

TITLE (4): Spurious RWCU Isolations

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)
*			84	10	1	0	1	0			050000
											050000

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

OPERATING MODE (9): *	20.402(b)	20.406(e)	X	50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10): *	20.406(a)(1)(i)	50.38(a)(1)		50.73(a)(2)(v)	73.71(c)
	20.406(a)(1)(ii)	50.38(a)(2)		50.73(a)(2)(vi)	X 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)(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)(ix)	

LICENSEE CONTACT FOR THIS LER (12):

NAME: R. L. Koenigs, Compliance Engineer
 TELEPHONE NUMBER: 509377-2501
 AREA CODE: 509
 COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13): Ext. 2279

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS
X	C/E	- + + -	- - - -	N					

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

ABSTRACT (Limit to 400 words, i.e., approx. six or seven single-space typewritten lines) (15):

On 9/19/84 and 10/2/84 the Reactor Water Cleanup (RWCU) system isolated on spurious trip signals. This is considered an ESF actuation. In both cases a Nuclear Steam Supply Shutoff System (NSSSS) Division I isolation relay actuated. No cause has been identified.

	Event Date	Operating Mode	Power Level
* Event 1	9/19/84	1	050
Event 2	10/02/84	4	000

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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

Plant Conditions

	<u>9/19/84</u>	<u>10/02/84</u>
a) Power Level	50%	0%
b) Operating Mode	1	4

Event

On 9/19/84, with the Plant operating at power, a Division I isolation of the RWCU system occurred. NSSSS relay B22H-K27 actuated and caused RWCU-V-4 to automatically close. The originating signal source could not be identified. A similar event occurred on 10/02/84. B22H-K27 again actuated and the cause could not be identified.

Immediate Corrective Action

In both cases, operators checked the RWCU and related systems for abnormal operating conditions. No out-of-normal operation was observed. Inspection of RWCU system piping revealed that no significant leakage was present. The isolation signal for RWCU-V-4 was then reset and the RWCU system was returned to service.

Further Corrective Action

- o TDAS (Transient Data Acquisition System) points were checked to verify whether Standby Liquid Control (SLC) system component operation coincided with actuations. This is one of two differences between Division I and Division II trip circuits.
 - o Complete circuit checks for the B22H-K27 circuit will be performed.
 - o A recalibration of B22H-K27 (a GE HFA type relay) will be performed.
- No cause has been identified for these isolations.

Safety Significance

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

Similar Events

See LER numbers 84-072 and 84-097 for other RWCU System isolations.

Washington Public Power Supply System

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

Docket No. 50-397

October 11, 1984

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

Subject: NUCLEAR PLANT NO. 2
LICENSEE EVENT REPORT NO. 84-101

Dear Sir:

Transmitted herewith is Licensee Event Report No. 84-101 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 verbal notifications given at 1031 hours on September 19, 1984, and 1651 hours on October 2, 1984.

Very truly yours,

J. D. Martin for

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

JDM:mm

Enclosure:

Licensee Event Report No. 84-101

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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