

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)
Washington Nuclear Plant - Unit 2DOCKET NUMBER (2)
0 5 0 0 0 3 9 7 1 OF 0 2TITLE (4)
Spurious RWCU IsolationsEVENT DATE (6)
MONTH DAY YEAR
* 8 4 - 1 0 1 1 8 4OPERATING MODE (9)
*
POWER LEVEL (10)
*
THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)
20.402(b) 20.406(e) 50.73(a)(2)(iv) 73.71(b)
20.406(a)(1)(i) 50.38(a)(1) 50.73(a)(2)(v) 73.71(a)
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 365A)
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)(x)LICENSEE CONTACT FOR THIS LER (12)
NAME
R. L. Koenigs, Compliance Engineer
TELEPHONE NUMBER
AREA CODE
5 0 9 3 7 7 - 1 2 5 0 1COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)
Ext. 2279
CAUSE SYSTEM COMPONENT MANUFACTURER REPORTABLE TO NPDOS
X C I E - + + - - - - - NSUPPLEMENTAL REPORT EXPECTED (14)
YES (If yes, complete EXPECTED SUBMISSION DATE) NO
X
EXPECTED SUBMISSION DATE (15)
MONTH DAY YEAR

ABSTRACT (Limit to 400 words, i.e., approx. sixty fifteen single-space typewritten lines) (16)

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

APPROVED OMB NO. 3150-0104
EXPIRES: 8/31/86

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
Washington Nuclear Plant - Unit 2	0 5 0 0 0 3 9 7 8 4	—	1 0 1	—	0 0 0	2	OF 0 2

TEXT (If more space is required, use additional NRC Form 308A's) (17)

Plant Conditions9/19/8410/02/84

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 RWC system occurred. NSSS relay B22H-K27 actuated and caused RWC-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 RWC and related systems for abnormal operating conditions. No out-of-normal operation was observed. Inspection of RWC system piping revealed that no significant leakage was present. The isolation signal for RWC-V-4 was then reset and the RWC 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 RWC 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,

JM Powers 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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