

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Washington Nuclear Plant - Unit 2										DOCKET NUMBER (2) 0 5 0 0 0 3 9 7				PAGE (3) 1 OF 0 2					
TITLE (4) Leak Detection Initiated RWCU System 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 2	1 4	8 5	8 5	0 1	7	0 0	0 3	0 8	8 5					0 5 0 0 0					
OPERATING MODE (9)		3		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 8: (Check one or more of the following) (11)															
POWER LEVEL (10)		0 0 0		20.402(b)				20.406(e)				<input checked="" type="checkbox"/> 50.73(a)(2)(iv)				73.71(b)			
				20.406(a)(1)(i)				50.38(e)(1)				50.73(a)(2)(v)				73.71(e)			
				20.406(a)(1)(ii)				50.38(e)(2)				50.73(a)(2)(vi)				<input checked="" type="checkbox"/> OTHER (Specify in Abstract, Draw 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 5 0 9 3 7 7 - 1 2 5 0 1									
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13) Ext. 2279																			
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS									
B	I J T I S	-	P 0 5 5	N															
SUPPLEMENTAL REPORT EXPECTED (14)												EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR			
YES (If yes, complete EXPECTED SUBMISSION DATE)												<input checked="" type="checkbox"/> NO							

ABSTRACT (Limit to 400 words - 40 words if type X - fifteen single space typewritten lines) (16)

On 2/14/85, a temperature monitor (LD-TS-600A) in the Leak Detection (LD) system covering the Reactor Water Cleanup (RWCU) pump room #1 spuriously actuated a delta temperature high alarm. This initiated a signal to automatically close the RWCU outboard containment isolation valve (RWCU-V-4).

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104
EXPIRES 8/31/85

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 5	—	0 1 7	—	0 0	0 2	OF 0 2

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

Plant Conditions

- a) Power Level - 0%
b) Plant Mode - 3

Event

On 2/14/85, a temperature monitor (LD-TS-600A) in the Leak Detection (LD) system covering the Reactor Water Cleanup (RWCU) pump room #1 spuriously actuated a delta temperature high alarm. This initiated a signal to automatically close RWCU outboard containment isolation valve (RWCU-V-4).

Immediate Corrective Action

The area involved was inspected and no leaks were observed. The isolation logic was reset and the Reactor Water Cleanup System was returned to service.

Further Corrective Action

Engineering evaluations have been initiated to find a suitable replacement for the existing LD modules (Riley) which will be less susceptible to external signal noise.

Safety Significance

There are no safety consequences associated with this event, and all plant systems performed as required during the event. The Leak Detection System is designed to alarm and generate isolation signals in case of process leakage or a pipe break by detecting a temperature rise in an area to be above a desired limit or setpoint. RWCU was isolated without excess process leakage or a pipe break event. The Riley modules are very susceptible to external signals. Field verifications were made and no specific cause could be found for the isolation signal.

Similar Events

LER 84-033-01, -02, -03

Washington Public Power Supply System

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

Docket No. 50-397

March 8, 1985

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

Subject: NUCLEAR PLANT NO. 2
LICENSEE EVENT REPORT NO. 85-017

Dear Sir:

Transmitted herewith is Licensee Event Report No. 85-017 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 0835 hours on February 14, 1985.

Very truly yours,

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

JDM:mm

Enclosure:
Licensee Event Report No. 85-017

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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