

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Washington Nuclear Plant - Unit 2	DOCKET NUMBER (2) 0 5 0 0 0 3 9 1 7	PAGE (3) 1 OF 0 1 3
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TITLE (4)  
System Isolations During Calibration and Surveillance

EVENT DATE (6)			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	081	00	08	30	84			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) *	20.402(b)	20.406(e)	<input checked="" type="checkbox"/>	50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) *	20.406(a)(1)(i)	50.36(e)(1)		50.73(a)(2)(v)	73.71(e)
	20.406(a)(1)(ii)	50.36(e)(2)		50.73(a)(2)(vi)	<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)(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 510 9 31 7 71-1 21 51 0 1 1
AREA CODE	

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

CAUSE	SYSTEM	COMPONENT	MANUFAC. TURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFAC. TURER	REPORTABLE TO NPRDS
D	I J	- T I S	R 1 2 7 9	N					
B	I L	- R I A	K 1 0 2 0	N					

SUPPLEMENTAL REPORT EXPECTED (14)

YES  NO

EXPECTED SUBMISSION DATE (15)

MONTH	DAY	YEAR

ABSTRACT (16) (Type in 1400 spaces or space-saving fifteen single-space typewritten lines)

A Reactor Water Cleanup (RWCU) System isolation occurred on 8/16/84 during recalibration of a Leak Detection (LD) System temperature monitor. Reactor Core Isolation Cooling (RCIC) and RWCU System isolations occurred on 8/18/84 during routine surveillance of a LD System temperature monitor. Both isolations occurred due to the isolation logic NORMAL/TEST switch being in the NORMAL position during the calibration and surveillance.

In both instances the isolation signals were reset and normal RWCU operations continued. During the 8/18/84 event, upon reset of the RCIC turbine, a control room emergency filtration unit (an ESF system) automatically started due to a spurious spike on the corresponding outside air radiation monitor. Radiation levels were verified to be normal, the alarm reset and the emergency filtration unit returned to normal status.

\*Event 1 (8/16/84) Operating Mode - 1, Power Level - 001  
Event 2 (8/18/84) Operating Mode - 2, Power Level - 045

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		8 4	0 8 1	0 0	0 2	OF	0 3

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

Plant Conditions

	<u>8/16/84</u>	<u>8/18/84</u>
a) Reactor Power Level	45%	1%
b) Operational Mode	1	2

Event

On 8/16/84, an instrumentation calibration of a Division II LD temperature monitor (LD-TS-612C) was started with the isolation logic NORMAL/TEST switch in the NORMAL position. Upon reaching the trip setpoint, an isolation signal caused RWCU-V-4 to close; this isolated the RWCU system.

On 8/18/84 a routine surveillance was started on a Division I LD temperature monitor (LD-TS-612J) was started with the isolation logic NORMAL/TEST switch in the NORMAL position. Upon reaching the trip setpoint, an isolation signal caused RWCU-V-1 closure, and RCIC isolation (RCIC-V-1, -8, -13, -31, -64, -68 and -69 closure).

Upon reset of the RCIC turbine (RCIC-V-1) a control room emergency filtration unit (WMA-FN-54A) was automatically started upon receipt of a spurious High-High radiation alarm originating from the control room outside air intake radiation monitors.

Immediate Corrective Action

Following the 8/16/84 event, the isolation signal was reset and the RWCU system returned to normal service.

On 8/18/84 the isolation signal was reset. RWCU was returned to service. Normal background radiation levels were verified, the alarms reset and emergency filtration unit returned to normal.

Further Corrective Action

The RCIC turbine associated circuitry had previously been identified as initiating spurious radiation spikes (see LER 84-050). A Plant Modification Request had previously been written to address this subject and is currently being evaluated.

The LD System temperature monitor surveillance procedures each cover several instruments. The isolation logic TEST/NORMAL switch is currently mentioned only in the sections covering the first and last instruments checked. Instrument and Control Technicians have been alerted to the need for verifying the switch is in the test position prior to performing individual portions of these procedures. Also, the procedures will be revised such that each instrument section of these procedures address the use of the isolation logic switch.

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

## Safety Significance

There were no safety consequences associated with these events as no alarm conditions were actually present and all systems performed as required.

## Washington Public Power Supply System

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

Docket No. 50-397

August 30, 1984

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

Subject: NUCLEAR PLANT NO. 2  
LICENSEE EVENT REPORT NO. 84-081

Dear Sir:

Transmitted herewith is Licensee Event Report No. 84-081 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 1213 hours on July 16, 1984 and at 0350 on July 18, 1984.

Very truly yours,

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

JDM:RLK:mm

Enclosure:  
Licensee Event Report No. 84-081

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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