

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)  
Washington Nuclear Plant - Unit 2

DOCKET NUMBER (2)

050003917

PAGE (3)

1 OF 02

TITLE (4)

RPS Actuation on Low Water Level

EVENT DATE (5)  
MONTH DAY YEAR  
10218484

LER NUMBER (6)

SEQUENTIAL  
NUMBERREVISION  
NUMBER

REPORT DATE (7)

MONTH DAY YEAR  
00111584

OTHER FACILITIES INVOLVED (8)

FACILITY NAMES

DOCKET NUMBER(S)

05000

05000

OPERATING  
MODE (9)

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)

POWER  
LEVEL  
(10)

01010

20.402(b)

20.405(a)(1)(i)

20.405(a)(1)(ii)

20.405(a)(1)(iii)

20.405(a)(1)(iv)

20.405(a)(1)(v)

20.405(e)

50.36(a)(1)

50.36(a)(2)

50.73(a)(2)(i)

50.73(a)(2)(ii)

50.73(a)(2)(iii)

50.73(a)(2)(vi)

50.73(a)(2)(vii)

50.73(a)(2)(viii)(A)

50.73(a)(2)(viii)(B)

50.73(a)(2)(ix)

73.71(b)

73.71(e)

OTHER (Specify in Abstract  
below and in Text, NRC Form  
306A)

50.72(b)(2)(ii)

LICENSEE CONTACT FOR THIS LER (12)

NAME

R. L. Koenigs, Compliance Engineer

TELEPHONE NUMBER

AREA CODE

5101931771-1251011

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC
A	B	N	-	-	-	-	-	-	N

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) ☐ NO ☒EXPECTED  
SUBMISSION  
DATE (15)

MONTH DAY YEAR

ABSTRACT (Limit to 400 spaces - e.g., approximately fifteen single-space typewritten lines) (16)

On October 21, 1984, operators were establishing Reactor Vessel Cooldown subsequent to a Scram from 75% power. Operators were using the main steam bypass valves to remove decay heat steam to the main condenser. The cooldown rate of the vessel was determined to be more than desired, requiring operators to close down on the bypass valves to reduce steam flow out of the vessel. This action caused a sudden decrease ('SHRINK') in vessel level to less than the level 3 setpoint, and a Reactor Protection System (RPS) actuation was received.

8411270040 841115  
PDR ADOCK 05000397  
S PDRIE22  
11

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

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	0500039784	—	113	—	000	2	OF 02

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

Plant Conditions

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

Event

At approximately 0300 hours on October 21, 1984 WNP-2 Operations personnel were recovering from a Reactor Scram from 75% power that had occurred approximately 4 1/2 hours earlier. The current plant conditions had the Main Steam Isolation Valves open, the Main Steam Bypass Valves open, Reactor Water Cleanup System in operation recirculating to the vessel, the Feedwater System isolated and Reactor Core Isolation Cooling (RCIC) in operation.

RCIC was in use as a means of vessel makeup. Decay heat steam was being removed via the bypass valves to the Main Condenser. During cooldown and depressurizing operations, operators observed a cooldown rate higher than desired and closed down on the bypass valves to slow decay heat removal. Closure of the bypass valves caused a sudden 'SHRINK' in vessel level to below the level 3 setpoint causing a RPS actuation.

Immediate Corrective Action

The sensed reactor level was restored, the RPS trip signal was reset and Plant cooldown continued.

Further Corrective Action

It was determined that this was an isolated instance and no further corrective action was deemed necessary. However, this LER will be placed on the required reading for all Control Room personnel in order to further emphasize the nature of controlling Reactor Pressure Vessel (RPV) level using the RCIC system.

Safety Significance

No hazard was created to the health and safety to Plant personnel or that of the public. All systems responded per their design.

## Washington Public Power Supply System

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

Docket No. 50-397

November 15, 1984

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

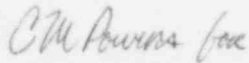
Subject: NUCLEAR PLANT NO. 2  
LICENSEE EVENT REPORT NO. 84-113

Dear Sir:

Transmitted herewith is Licensee Event Report No. 84-113 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 October 21, 1984.

Very truly yours,



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

JDM:mm

Enclosure:

Licensee Event Report No. 84-113

cc: Mr. John B. Martin, NRC - Region V  
Mr. A. D. Toth, NRC - Site (901A)  
Ms. Dottie Sherman, ANI  
INPO Records Center - Atlanta, GA

