

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)  
Washington Nuclear Plant - Unit 2

DOCKET NUMBER (2)  
050003917

PAGE (3)  
1 OF 012

TITLE (4)  
RPS Actuation on Low RPV Level

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)
08	07	84	84	09	0	09	06	84			050000
<p>THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)</p>											

OPERATING MODE (8) 3	20.402(b)	20.406(c)	<input checked="" type="checkbox"/> 50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 0.00	20.406(a)(1)(ii)	50.36(e)(1)	50.73(a)(2)(v)	73.71(c)
	20.406(a)(1)(iii)	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)(iv)	50.73(a)(2)(i)	50.73(a)(2)(vii)(A)	50.72(b)(2)(ii)
	20.406(a)(1)(v)	50.73(a)(2)(ii)	50.73(a)(2)(vii)(B)	
	20.406(a)(1)(vi)	50.73(a)(2)(iii)	50.73(a)(2)(viii)	

LICENSEE CONTACT FOR THIS LER (12)

NAME: R. L. Koenigs, Compliance Engineer

TELEPHONE NUMBER: 510 931 771-1215011

AREA CODE: 510

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
A	JIC	RCIT	-	N					
D	-	-	-	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, i.e. approximately fifteen single-space typewritten lines) (16)

On 08/07/84 with the Reactor in hot shutdown, and the Condensate Feedwater System not in service yet, the main steam line drain valves were opened in accordance with the Minimum Startup Checklist. The open drain valves provided a direct flowpath from the RPV to the main condenser which caused RPV level to decrease to +13" resulting in a RPS actuation.

The drain valves were closed by operator action and the RPV level restored to normal. Onshift operators involved in the event were briefed immediately on the cause of the RPV level decrease and on the importance of observation of safety related Plant parameters.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		--0 9 10	--0 10	0 12	OF	0 12	

TEXT (if more space is required, use additional NRC Form 386A's) (17)

Plant Conditions

- a) Plant Mode - 3
- b) Power Level - 0% (hot shutdown)

Event

On 08/07/84, while preparing for Reactor Startup the main steam line drain valves MS-V-16, 19, 21 and 156 were opened in accordance with the Minimum Startup Checklist. The RPV was at approximately 400 psig and RPV level control was not yet established with a condensate booster pump. The open drain valves provided a direct flowpath from the RPV to the main condenser which caused RPV level to decrease to +13" resulting in a Reactor Protection System actuation. Control room operator inattentiveness to RPV level indication over a period of approximately 15 minutes following the opening of the drain valves allowed the level to decrease to the RPS trip point.

Immediate Corrective Action

The main steam line drain path was closed by operator action and RPV level restored to normal via Control Rod Drive Cooling Water influent and adjustment to the RWCU blowdown flow rate. On shift operators involved in this event were briefed immediately on the cause of the RPV level decrease and on the importance of observation of safety related Plant parameters.

Further Corrective Actions

This LER will be required reading for all licensed operators. A caution statement has been added to the Minimum Startup Checklist to prevent opening a steam line flow path prior to establishing RPV level control via the condensate system.

Safety Significance

This event did not, any any time, pose a threat to Plant safety or that of the general public. Without operator action the Main Steam Line Drain Valves would have automatically closed on a containment isolation at RPV level 2 (-50").

## Washington Public Power Supply System

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

Docket No. 50-397

September 6, 1984

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

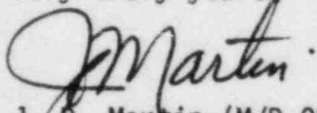
Subject: NUCLEAR PLANT NO. 2  
LICENSEE EVENT REPORT NO. 84-090

Dear Sir:

Transmitted herewith is Licensee Event Report No. 84-090 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 2335 hours on August 7, 1984.

Very truly yours,



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

JDM:mm

Enclosure:

Licensee Event Report No. 84-090

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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