

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Washington Nuclear Project - Unit 2										DOCKET NUMBER (2) 0 5 0 0 0 3 9 7										PAGE (3) 1 OF 0 2																																																																																																			
TITLE (4) Isolation Actuation Instrumentation (Temperature Monitors)																																																																																																																							
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)																																																																																		
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OPERATING MODE (9) 2										THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)																																																																																																													
POWER LEVEL (10) 0 0 1										20.402(b)										20.406(c)										X 50.73(a)(2)(iv)										73.71(b)																																																																															
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NAME L.D. Kassakatis, Plant Compliance Engineer																				TELEPHONE NUMBER AREA CODE 5 0 9 3 7 7 - 2 5 0 1																																																																																																			
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13) Ext. 2201																																																																																																																							
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ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

During plant heatup isolations have occurred due to conservative initial setpoints of the Temperature Monitoring Switches which actuate the Nuclear Steam Supply Shutoff System (NSSSS).

Actuations on 4-12-84, 4-18-84, & 4-19-84 caused isolation of the Reactor Water Cleanup (RWCU) system. The area of the alarm was inspected to verify there was no steam leakage. New setpoints were determined, the switches reset, and the RWCU system returned to service.

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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 Project - Unit 2	0 5 0 0 0 2 9 7 8 4	-	0 3 3	-	0 0 0 2	OF 0 2

TEXT (If more space is required, use additional NRC Form 368A's) (17)

Plant Operating Conditions Prior to the Events:

- a) Power Level \approx 1%
- b) Operational Mode-2 (Startup)

During initial Plant heatup there have been three Nuclear Steam Supply Shutoff System (NSSSS) isolations of the Reactor Water Cleanup System (RWCU). The isolations were caused by the Leak Detection Temperature Monitors. Table 3.3.2-2 of the Technical Specifications is footnoted to point out that the Leak Detection Temperature Switch setpoints will be determined during the Startup Test Program. The present setpoints are set conservatively low and are adjusted to higher values when the existing setpoint is approached or reached.

Prior to increasing the setpoint an inspection of the area is made to insure temperature increases are not due to leaks. It is anticipated that other isolations may occur if a temperature setpoint is reached prior to increasing the setpoint as Plant heat load increases during the Startup Test Program.

When the final temperature switch setpoints have been determined, a supplement to this LER will be submitted and it will include the isolations reported in this LER and any subsequent isolations resulting from Leak Detection Temperature Monitors which have not been adjusted to their final setpoint.

On 4-12-84 a Division II Leak Detection Temperature Switch monitoring the RWCU pipe routing area actuated and initiated an NSSSS isolation signal which closed RWCU-V-1, causing the subsequent loss of the RWCU system. The temperature switch actuation was due to a conservative setting of the trip setpoint. An inspection of the pipe routing area found that there were no leaks and the temperature switch was adjusted to a higher value, which was still below the allowable value listed in Table 3.3.2-2 of the Technical Specifications.

NOTE: Both the allowable value and the trip setpoint listed in Table 3.3.2-2 are initial setpoints. The final setpoints are to be determined during the Startup Test Program.

The isolation signal to RWCU-V-1 was reset and the RWCU system was returned to service.

On 4-18-84 a Leak Detection Temperature Switch monitoring the RWCU Heat Exchanger Area actuated and initiated a sequence of events the same as described for the 4-12-84 isolation.

On 4-19-84 a Division I Leak Detection Temperature Switch monitoring the RWCU Pipe Routing Area actuated and initiated a sequence of events the same as described for the 4-12-84 isolation. The only difference was that Division I closes RWCU-V-4, the Outboard Containment Isolation Valve.

These events posed no actual or potential safety problem as the leak detection interlocks generated isolation signals as designed and Plant Operators took the appropriate post isolation action.

Washington Public Power Supply System

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

Docket No. 50-397

May 10, 1984

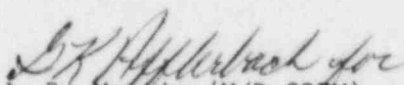
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Washington, D.C. 20555

Subject: **NUCLEAR PROJECT NO. 2**
LICENSEE EVENT REPORT NO. 84-033

Dear Sir:

Transmitted herewith is Licensee Event Report No. 84-033 for WNP-2 Plant. This report is submitted in response to the report requirements of Technical Specification Section 6.9.1.7 and discusses the item of noncompliance, corrective action taken, and action taken to preclude recurrence.

Very truly yours,


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

JDM:de

Enclosure:

Licensee Event Report No. 84-033

cc: Mr. John B. Martin, Administrator
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