

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) Reactor Protection System - Channel 'B' Circuit Breaker Trip																																					
EVENT DATE (8)						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 (5)							
0 6		2 3		8 4		4 8		4 0		6 4		0 0		0 7		1 2		8 4														0 5 0 0 0 0					
OPERATING MODE (9)						THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)																															
POWER LEVEL (10) 0 0 0						20.402(b)						20.406(c)						60.73(a)(2)(iv)						73.71(b)													
						20.406(a)(1)(i)						60.36(e)(1)						60.73(a)(2)(v)						73.71(c)													
						20.406(a)(1)(ii)						60.36(e)(2)						60.73(a)(2)(vii)						<input checked="" type="checkbox"/> OTHER (Specify in Abstract below and in Text, NRC Form 366A) 50.72(b)(2)(ii)													
						20.406(a)(1)(iii)						60.73(a)(2)(i)						60.73(a)(2)(viii)(A)																			
						20.406(a)(1)(iv)						60.73(a)(2)(ii)						60.73(a)(2)(viii)(B)																			
						20.406(a)(1)(v)						60.73(a)(2)(iii)						60.73(a)(2)(ix)																			
LICENSEE CONTACT FOR THIS LER (12)																																					
NAME C.M. Powers, Reactor Engineering Supervisor																				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. 2996																	
CAUSE		SYSTEM		COMPONENT		MANUFACTURER		REPORTABLE TO NPROS		CAUSE		SYSTEM		COMPONENT		MANUFACTURER		REPORTABLE TO NPROS																			
B		J C B K R		G 0 8 0		NO																															
SUPPLEMENTAL REPORT EXPECTED (14)																				EXPECTED SUBMISSION DATE (15)																	
YES (If yes, complete EXPECTED SUBMISSION DATE)																				<input checked="" type="checkbox"/> NO																	

On 6/23/84 a 100 Amp circuit breaker (CB2B) in RPS Power Distribution Panel (C72-P001) tripped causing a 1/2 scram and full initiation of both FAZ (BOP isolations). The event was reported under the requirements of 10CFR50.72(b)(2)(ii). The breaker was reset and systems restored to normal status.

A few hours later the same breaker tripped again and would not reset. The event was reported under the requirements of 10CFR50.72(b)(2)(ii). Electricians found a bad connection on cable BPRPS-9026 at the breaker which caused the breaker to overheat. The cable connection was reworked and breaker reset.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1) Washington Nuclear Plant - Unit 2	DOCKET NUMBER (2) 0 5 0 0 0 3 9 7 8 4 - 0 6 4 - 0 0 0 2 OF 0 2	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			

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

- a) Power Level - Zero
- b) Plant Mode - 4
- c) Reportable under requirements of 10CFR50.72(b)(2)(ii)

Event

At approximately 1932 hours on 6/23/84, RPS Breaker 2-RPS-CB-2B at Power Distribution Panel inadvertently tripped. This loss of power to the RPS B Logic caused a 1/2 scram and a full BOP-FAZ Isolation (Inboard & Outboard). The breaker was reset and the Plant recovered via normal Plant procedures.

About 2 hours later, at 2155 hours, the same breaker tripped again. The operator noticed that the breaker was hot and would not reset. Electricians found a bad connection on the output side of the breaker which caused a hot spot causing the breaker to overheat and trip.

Immediate Corrective Actions

The cable termination was reworked and the system was returned to service.

Further Corrective Action

The determination has been made that this was a unique event. Consequently, no further activities are planned.

Safety Significance

The Plant was shutdown at the time of the occurrence and there was no detrimental affect on the Plant or to the public as a result of the event.

Washington Public Power Supply System

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

Docket No. 50-397

July 12, 1984

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

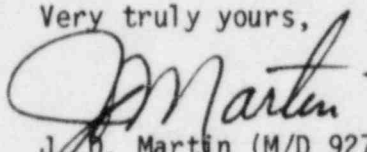
Subject: NUCLEAR PLANT NO. 2
LICENSEE EVENT REPORT NO. 84-064

Dear Sir:

Transmitted herewith is Licensee Event Report No. 84-064 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 2230 hours on June 23, 1984.

Very truly yours,


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

JDM:mm

Enclosure:

Licensee Event Report No. 84-064

cc: Mr. John B. Martin, Administrator
Region V, Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
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Walnut Creek, California 94596
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