

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	
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TITLE (4)

Spurious Trips of Control Room Emergency Filtration Units

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)		
0 3	1 9	8 4	8 4	0 2 5	0 0	0 4	1 2	8 4			0 5 0 0 0		
											0 5 0 0 0		

OPERATING
MODE (9)

4

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

POWER LEVEL (10) 0 0 0	20.403(b)	20.405(c)	X	50.73(a)(2)(iv)	73.71(b)
	20.405(a)(1)(i)	50.36(c)(1)		50.73(a)(2)(v)	73.71(c)
	20.405(a)(1)(ii)	50.36(c)(2)		50.73(a)(2)(vi)	X OTHER (Specify in Abstract below and in Text, NRC Form 366A) 50.72(b)(2)(ii)
	20.405(a)(1)(iii)	50.73(a)(2)(i)		50.73(a)(2)(viii)(A)	
	20.405(a)(1)(iv)	50.73(a)(2)(ii)		50.73(a)(2)(viii)(B)	
20.405(a)(1)(v)	50.73(a)(2)(iii)		50.73(a)(2)(x)		

LICENSEE CONTACT FOR THIS LER (12)

NAME L. D. Kassakatis, Plant Compliance Engineer	TELEPHONE NUMBER AREA CODE 5 0 9 3 7 7 1 - 2 5 0 1 1
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COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

Ext. 4727

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC
B	I L	R A K O 2 0	N						

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)	X NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

Control Room outside air radiation monitors (WOA-RIS-31A, 31B, 32A, and 32B) periodically spike to trip the associated high radiation alarms resulting in starting of the Control Room Emergency Filtration Units. The spiking has been determined to be caused by excessive electrical noise induced into the radiation monitoring system.

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 3 9 7 8 4	—	0 2 5	—	0 0	0 2	OF 0 2

TEXT (If more space is required, use additional NRC Form 366A's) (17)

- a) Power Level - Zero
- b) Plant Mode - 4
- c) Prior to Initial Power Operations

The Control Room Emergency Filtration Units were automatically initiated on 3/19/84 by a high-high radiation alarm originating from the outside air intake monitors (Equipment Piece Number WOA-RIS-31B). Normal background radiation levels were observed at the monitors. Radiation recorder (EPN WOA-RR-31) revealed that monitor 31B had received a spike of sufficient magnitude to trip the high-high alarm.

This has again been determined to be caused by excessive electrical noise being induced into the radiation monitoring system (refer to LER 84-002-00). Significant noise reduction (as delineated in referenced LER) has decreased instrument spiking. As we continue further refinements to previous corrective actions spiking due to noise will be further reduced.

Notification was given to the NRC in accordance with the requirements of 10 CFR 50.72(b)(2)(ii).

Washington Public Power Supply System

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

Docket No. 50-397
April 12, 1984

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

Subject: **NUCLEAR PROJECT NO. 2**
LICENSEE EVENT REPORT NO. 84-025

Dear Sir:

Transmitted herewith is Licensee Event Report No. 84-025 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.

This is the follow-up report to the verbal notification given on March 19, 1984.

Very truly yours,

J. D. Martin for

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

JDM:de

Enclosure:
Licensee Event Report No. 84-025

cc: Mr. John B. Martin, Administrator
Region V, Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
1450 Maria Lane
Walnut Creek, California 94596
Mr. A. D. Toth, NRC Resident Inspector (901A)

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