

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1): Washington Nuclear Plant - Unit 2
DOCKET NUMBER (2): 05000397
PAGE (3): 1 OF 012

TITLE (4): Unscheduled Actuations of Control Room Emergency Filtration Units

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(S)
09	04	84	84	09	8	09	27	84			050000
09	04	84	84	09	8	09	27	84			050000

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

OPERATING MODE (9): 1	20.402(b)	20.405(e)	<input checked="" type="checkbox"/> 50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10): 0.50	20.406(a)(1)(i)	50.36(a)(1)	50.73(a)(2)(v)	73.71(c)
	20.406(a)(1)(ii)	50.36(a)(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)(iii)	50.73(a)(2)(i)	50.73(a)(2)(vii)(A)	50.72(b)(2)(ii)
	20.406(a)(1)(iv)	50.73(a)(2)(ii)	50.73(a)(2)(vii)(B)	
	20.406(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(viii)	
	20.406(a)(1)(vi)	50.73(a)(2)(iv)	50.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12):
NAME: R. L. Koenigs, Compliance Engineer
TELEPHONE NUMBER: 5109377-125011
AREA CODE: 5109377-125011

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS
B	IL	RAK020	N						

SUPPLEMENTAL REPORT EXPECTED (14):
YES (If so, complete EXPECTED SUBMISSION DATE) NO
EXPECTED SUBMISSION DATE (15):

ABSTRACT (16):

The Control Room Emergency Filtration Units were automatically actuated on 9/4/84, 9/10/84 and 9/17/84 due to spikes on the corresponding Control Room Remote Intake Radiation Monitors.

In response to each event, after verifying that radiation levels were not above normal background, the emergency filtration units were reset and returned to a normal lineup.

These events were verbally reported to the NRC (Event 1 at 1948 hours 9/4/84; Event 2 at 2317 hours 9/10/84; Event 3 at 1359 hours 9/17/84) in accordance with 10CFR50.72(b)(2)(ii).

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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

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

Plant Conditions

Event 1 (9/4/84) Plant Mode - 1, Power Level - 50%
 Event 2 (9/10/84) Plant Mode - 3, Power Level - 0%
 Event 3 (9/17/84) Plant Mode - 4, Power Level - 0%

Event

The Division I Control Room Emergency Filtration Unit (EPN: WMA-FN-54A) was automatically actuated on 9/4/84 (1855 hours) and on 9/10/84 (2203 hours) by High-High radiation alarms originating from the Division I Control Room Remote Air Intake Radiation Monitors. The Division II Emergency Filtration Unit (EPN: WMA-FN-54B) was automatically actuated on 9/17/84 (1305 hours) by High-High radiation alarms originating from the Division II monitors.

Immediate Corrective Action

Normal background levels were observed at the Division I and II radiation monitors. In each event the associated recorder revealed that the applicable monitor had received a spurious spike of sufficient magnitude to trip the High-High alarm. The alarms were promptly reset and the ESF system returned to normal. Notifications were given to the NRC in accordance with the requirements of 10CFR50.72(b)(2)(ii).

Long Term Corrective Action

The spike on 9/4/84 (Event 1) was determined to have been associated with the starting of a Reactor Core Isolation Cooling Pump (EPN: RCIC-P-1). A Plant Modification has been initiated to install noise suppression devices in the control circuitry of this pump.

The spike on 9/10/84 (Event 2) was attributed to the operation of RCIC-V-45. This valve has been a continuing source of noise (Reference LERs 84-39, 84-67) and investigation into the cause of this noise source is continuing.

The cause of the spike on 9/17/84 could not be determined. The Radiation Monitoring System installation is currently being redesigned to provide noise immunity (Reference LER 84-067).

Safety Significance

There were no safety consequences associated with this event and all Plant systems performed as required.

Similar Events

Refer to LER's 84-039 and 84-067 for previous events associated with RCIC-V-45. LER's 84-02, 84-025, 84-046, 84-077 and 84-078 involve unidentified initiating components.

Washington Public Power Supply System

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

Docket No. 50-397

September 27, 1984

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

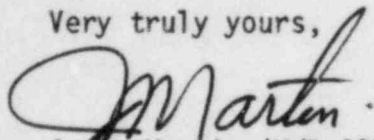
Subject: NUCLEAR PLANT NO. 2
LICENSEE EVENT REPORT NO. 84-098

Dear Sir:

Transmitted herewith is Licensee Event Report No. 84-098 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 1948 hours on September 4, 1984; 2317 hours on September 10, 1984; and 1359 hours on September 17, 1984.

Very truly yours,



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

JDM:mm

Enclosure:

Licensee Event Report No. 84-098

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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