

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)

Auto Start of the Control Room Emergency Filtration System on Hi Chlorine

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 8	2 1	8 4									0 5 0 0 0
0 8	2 4	8 4	8 4	0 9	2	0 0	0 9	1 7	8 4		0 5 0 0 0

OPERATING MODE (9) 4

POWER LEVEL (10) 0 0 0

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

20.402(b)	20.406(a)	<input checked="" type="checkbox"/> 50.73(a)(2)(iv)	73.71(b)
20.406(a)(1)(i)	50.38(a)(1)	50.73(a)(2)(v)	73.71(c)
20.406(a)(1)(ii)	50.38(a)(2)	50.73(a)(2)(vi)	<input checked="" type="checkbox"/> OTHER (Specify in Abstract below and in Text, NRC Form 365A)
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)(viii)(B)	
20.406(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME
R. L. Koenigs, Compliance Engineer

TELEPHONE NUMBER
AREA CODE 5 0 9 3 7 7 1 - 2 5 0 1 1

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC
B	K N P E C	M 0 2 8	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)

False Hi Chlorine alarms on the Control Room Ventilation Chlorine Detector, WOA-SR-15, caused an auto start of the Control Room Emergency Filtration System. The false signals were the result of a photocell failure in this unit.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (5)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
Washington Nuclear Plant - Unit 2	0500039784	-09	12	-010	012	OF 012

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

Plant Conditions

	<u>Event 1</u>	<u>Event 2</u>
a) Date	8-21-84	8-24-84
b) Power Level	0%	0%
c) Operational Mode	4	4

Events

- 1) On 8-21-84 the photocell (MDA Scientific, Inc., Part #744306) in WOA-SR-15 began to fail giving a false Hi Chlorine signal which tripped the Emergency Filtration System. Troubleshooting began on the unit but nothing specific was found. The detector was cleaned and put back in service.
- 2) On 8-24-84 another spurious Hi Chlorine signal started the Emergency Filtration System. During troubleshooting the photocell was found to be faulty. Further work determined that the reason for the photocell failure was the excessive temperature in the detector cabinet. The ppm chlorine reading was found to vary when the cabinet was left open and cooling was increased.

Immediate Corrective Action

The photocell in WOA-SR-15 was replaced and the detector cabinet fans for both WOA-SR-15 and 16 were supplied with temporary power to provide the required cooling.

Future Corrective Action

A Plant Modification Request has been submitted asking for direction to permanently connect the detector cabinet fans to the power supply for the detectors. This request is being tracked to completion in the Plant Tracking Log.

Safety Significance

This event has no safety significance as all equipment operated correctly to place the Control Room Ventilation System in an isolation configuration.

Washington Public Power Supply System

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

Docket No. 50-397

September 17, 1984

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

Subject: NUCLEAR PLANT NO. 2
LICENSEE EVENT REPORT NO. 84-092

Dear Sir:

Transmitted herewith is Licensee Event Report No. 84-092 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 1943 hours on August 21, 1984.

Very truly yours,

J. D. Martin

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

JDM:mm

Enclosure:

Licensee Event Report No. 84-092

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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