

LICENSEE EVENT REPORT (LER)

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

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)	20.406(e)	<input checked="" type="checkbox"/>	50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 0, 2, 4	20.406(a)(1)(i)	50.36(e)(1)		50.73(a)(2)(v)	73.71(e)
	20.406(a)(1)(ii)	50.36(e)(2)		50.73(a)(2)(vii)	<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)(viii)(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 1 9 3 1 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 NPDOS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS
X	KIN	FI L	M 0 2 1 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 - 500 characters - fifteen single-space typewritten lines) (16)

On 10-8-84 the Control Room Emergency Filtration System fan WMA-FN-54A was automatically started on a Hi Chlorine signal from WOA-SR-15. This is considered an ESF actuation. The hi alarm was caused by the optics indicating lamp backing out of its socket and de-energizing the optics lamp, thus cutting off the light source to the photo cells. The resulting high chlorine alarm was per design.

8411150325 841101
PDR ADOCK 05000397
S PDR

JE22
11

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) Washington Nuclear Plant - Unit 2	SOCKET NUMBER (2) 0 5 0 0 0 3 9 7 8 4 - 1 0 7 - 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 386A's) (17)

Plant Conditions

- a) Reactor Power - 24%
- b) Operational Mode - 1

Event

On 10-8-84 the optics indicating lamp for WOA-SR-15 worked its way loose of the light socket and deenergized. This light is wired in series with the optics light and is designed to indicate a failure of the optics light. When this light went out the circuit was opened and the optics lamp was also deenergized causing the unit's photo cells to signal a Hi Chlorine condition and alarm. This initiated an automatic start of the Control Room Emergency Filtration System fan WOA-FN-54A.

Immediate Corrective Action

An instrument technician was sent to investigate WOA-SR-15 and found the optics indicating lamp out. The light was tightened in the socket and the indicator returned down-scale. The alarm condition was then reset and the control room operator returned the Emergency Filtration System to its normal standby configuration.

Further Corrective Action

This is a first time occurrence of this situation and it has been evaluated to require no further corrective action at this time. However, an evaluation will be performed to determine whether circuit modifications should be made which allow the indicator lamp to monitor the optics lamp such that indicator lamp failure will not automatically start control room fans.

Safety Significance

This event carries no safety significance as no Hi Chlorine condition existed, WOA-SR-15 failed to a conservative condition per its design, and all equipment operated as required.

Washington Public Power Supply System

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

Docket No. 50-397

November 1, 1984

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

Subject: NUCLEAR PLANT NO. 2
LICENSEE EVENT REPORT NO. 84-107

Dear Sir:

Transmitted herewith is Licensee Event Report No. 84-107 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 1400 hours on October 8, 1984.

Very truly yours,

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

JDM:mm

Enclosure:
Licensee Event Report No. 84-107

cc: Mr. John B. Martin, NRC - Region V
Mr. A. D. Toth, NRC - Site (901A)
Ms. Dottie Sherman, ANI
INPO Records Center - Atlanta, GA

JE22
/