

APPROVED OMB NO. 3150-0104
EXPIRES 8/31/85

TITLE (4)
Spurious Auto Start Of The Control Room Emergency Filtration System

OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §. (Check one or more of the following): (11)				
1		20.402(b)	20.405(c)	<input checked="" type="checkbox"/> 50.73(a)(2)(iv)	73.71(b)	
POWER LEVEL (10)	0.712	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)	OTHER (Specify in Abstract below and in Text, NRC Form 365A)	
		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)(ix)		

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13) Ext. 2726

SUPPLEMENTAL REPORT EXPECTED (14)		EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
YES (If yes, complete EXPECTED SUBMISSION DATE)	X NO				

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

An erroneous high chlorine signal from the ventilation chlorine detector, on Sample Rack WOA-SR-16, started the Control Room Emergency Filtration System. The false chlorine signal was a result of breakage of the chlorine sensitive paper tape which discolours on contact with chlorine or extended exposure to moisture.

The paper tape was replaced in WOA-SR-16, alarms reset, and the Control Room Emergency Filtration System returned to its normal standby configuration.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (5)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
Washington Nuclear Plant - Unit 2	0500039785	05	6	0	02	OF 02

TEXT (if more space is required, use additional NRC Form 305A-1) (17)

Plant Conditions

- a) Power Level - 72%
b) Reactor Mode - 1

Event

On 9/30/85 WOA-SR-16, the chlorine detector (MDA Scientific Inc. Model 7040 FAN) on the inlet for the control room ventilation system, alarmed on high chlorine. Investigation revealed that the sample tape had broken leaving a section of the tape across the sensing element. Discoloration of the tape occurred as dirt and moisture accumulated, falsely indicating a high chlorine condition. This caused an alarm and the corresponding automatic actuation of the Control Room Emergency Filtration System.

Immediate Corrective Action

The paper tape was replaced in WOA-SR-16, alarms were reset, and the Emergency Filtration System was returned to its normal standby configuration.

Further Corrective Action

No further corrective action is required. This is an isolated occurrence. The four similar events of spurious Control Room Emergency Filtration System starts were initiated due to chlorine detector paper tape depletion.

Similar Events

LER 84-57, 84-93, 84-128, 85-26

Safety Significance

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

EIIS Information

Test Reference	EIIS Reference	
	System	Component
Sampling and Water Quality System	KN	DET
Radwaste Bldg HVAC	VH	SR

Washington Public Power Supply System

3000 George Washington Way P.O. Box 968 Richland, Washington 99352-0968 (509)372-5000

October 18, 1985

Locket No. 50-397

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Washington, D.C. 20555

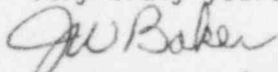
Subject: NUCLEAR PLANT NO. 2
LICENSEE EVENT REPORT NO. 85-056

Dear Sir:

Transmitted herewith is Licensee Event Report No. 85-056 for WNP-2 Plant. This report is submitted in response to the report requirements of 10 CFR 50.73 and discusses the item of reportability, corrective action taken, and action taken to preclude recurrence.

This is a follow-up report to the verbal notification given at 0535 hours on September 30, 1985.

Very truly yours,



E. M. Powers (M/D 927M)
WNP-2 Plant Manager

CMP/WFK:db

Enclosure:

Licensee Event Report No. 85-056

cc: Mr. John B. Martin, NRC - Region V
Mr. A. D. Toth, NRC - Site (M/D 901A)
MS. Dottie Sherman, ANI
INPO Records Center - Atlanta, GA
Mr. C. R. Bryant, BPA (M/D 399)

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