

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)
Washington Nuclear Plant - Unit 2DOCKET NUMBER (2)
0 5 0 0 0 3 9 7 1 OF 0 2TITLE (4)
Level 3 Reactor Scram #84-08

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	5	2	8	8	4	8	4	0	5	0	0	0
0	5	2	8	8	4	8	4	0	5	0	0	0

OPERATING MODE (9)	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)																														
1	<table border="1"><tr><td>20.402(b)</td><td>20.406(e)</td><td>X</td><td>80.73(a)(2)(iv)</td><td>73.71(b)</td></tr><tr><td>20.406(a)(1)(i)</td><td>80.38(a)(1)</td><td></td><td>80.73(a)(2)(v)</td><td>73.71(a)</td></tr><tr><td>20.406(a)(1)(ii)</td><td>80.38(a)(2)</td><td></td><td>80.73(a)(2)(vi)</td><td></td></tr><tr><td>20.406(a)(1)(iii)</td><td>80.73(a)(2)(i)</td><td></td><td>80.73(a)(2)(vii)(A)</td><td>OTHER (Specify in Abstract below and in Text, NRC Form 366A)</td></tr><tr><td>20.406(a)(1)(iv)</td><td>80.73(a)(2)(ii)</td><td></td><td>80.73(a)(2)(vii)(B)</td><td></td></tr><tr><td>20.406(a)(1)(v)</td><td>80.73(a)(2)(iii)</td><td></td><td>80.73(a)(2)(ix)</td><td></td></tr></table>	20.402(b)	20.406(e)	X	80.73(a)(2)(iv)	73.71(b)	20.406(a)(1)(i)	80.38(a)(1)		80.73(a)(2)(v)	73.71(a)	20.406(a)(1)(ii)	80.38(a)(2)		80.73(a)(2)(vi)		20.406(a)(1)(iii)	80.73(a)(2)(i)		80.73(a)(2)(vii)(A)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)	20.406(a)(1)(iv)	80.73(a)(2)(ii)		80.73(a)(2)(vii)(B)		20.406(a)(1)(v)	80.73(a)(2)(iii)		80.73(a)(2)(ix)	
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20.406(a)(1)(iii)	80.73(a)(2)(i)		80.73(a)(2)(vii)(A)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)																											
20.406(a)(1)(iv)	80.73(a)(2)(ii)		80.73(a)(2)(vii)(B)																												
20.406(a)(1)(v)	80.73(a)(2)(iii)		80.73(a)(2)(ix)																												

LICENSEE CONTACT FOR THIS LER (12)
NAME
C.M. Powers, Reactor Engineering SupervisorTELEPHONE NUMBER
AREA CODE
5 0 9 3 7 7 - 2 5 0 1

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13) Ext. 2996

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC
A	S	F	P	C	F	1	8	0	NO

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 - e. approximately fifteen single-space typewritten lines) (16)

On 5-28-84 a Reactor Scram on level 3 (low level) occurred at 1055 Hrs (reported by Telecon to NRC 1253 hrs. 5-28-84). This scram was the result of an Operator error while attempting to put the condensate filter demineralizers in 'Auto' utilizing procedure 2.2.5 'Main Condensate Filter Demineralizer System'. Condensate F/D isolation resulted in loss of main feed booster pump pressure, and subsequent loss of main feed pumps and loss of level in the Reactor.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

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			
		84	051	00	02	OF	02

TEXT (If more space is required, use additional NRC Form 368A's: (17))

Plant Conditions

- a) Power Level - 19%
- b) Plant Mode - 1
- c) During the Power Ascension Test Program

Event

On 5-28-84 an attempt was made to put the condensate filter demineralizers in 'Auto' control. At approximately 1055 a Reactor Scram on level 3 occurred, Scram #84-08. The Operator, utilizing Procedure 2.2.5 'Main Condensate Filter Demineralizer System' had the setpoint too low on controller COND-FC-200. When the controller was switched to auto a signal was sent to the outlet valves of the demineralizers to close. This resulted in a high dP across the system and signaled the bypass valve COND-V-76 to open. Because the bypass valve was too slow (~1 min. in opening) flow dropped. This lowering of flow resulted in a low suction trip of the condensate booster and feedwater pumps. This loss of feedwater flow resulted in a low Reactor water level RPS actuation.

Immediate Corrective Action

The control of the filter demineralizers was returned to manual control and the Reactor Scram procedure was implemented.

Further Corrective Action

Operating Procedure 2.2.5 'Main Condensate Demineralizer System' is being reviewed and rewritten to specify proper operating steps in placing the filter demineralizers in 'Auto' operation. Condensate bypass valve, COND-V-76, opening time has been lowered to 8 seconds. Operators have or will be instructed on demineralizer 'Auto' control.

Safety Significance

There were no safety consequences involved with this event as all safety systems performed per design.

Washington Public Power Supply System

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

Docket No. 50-397

June 22, 1984

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

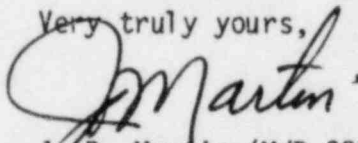
Subject: NUCLEAR PLANT NO. 2
LICENSEE EVENT REPORT NO. 84-051

Dear Sir:

Transmitted herewith is Licensee Event Report No. 84-051 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 reportability, corrective action taken, and action taken to preclude recurrence.

This is the follow-up report to the verbal notification given at 1253 hours on May 28, 1984.

Very truly yours,



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

JDM:mm

Enclosure:

Licensee Event Report No. 84-051

cc: Mr. John B. Martin, Administrator
Region V, Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
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Walnut Creek, California 94596
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Ms. Dottie Sherman
American Nuclear Insurers
The Exchange Suite 245
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Farmington, CT 06032

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