

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)
Washington Nuclear Plant - Unit 2

DOCKET NUMBER (2)
0 5 0 0 0 0 3 9 7

PAGE (3)
1 OF 0 2

TITLE (4)
Reactor Protection System Actuation

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	2	2	9	8	4	8	4	1	3	1	0	0	0	1	2	5	8	4	0	5	0	0	0

OPERATING MODE (9) 3

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)

<input type="checkbox"/> 20.402(b)	<input checked="" type="checkbox"/> 20.406(a)	<input checked="" type="checkbox"/> 50.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)
<input type="checkbox"/> 20.406(a)(1)(i)	<input type="checkbox"/> 50.36(a)(1)	<input type="checkbox"/> 50.73(a)(2)(v)	<input type="checkbox"/> 73.71(a)
<input type="checkbox"/> 20.406(a)(1)(ii)	<input type="checkbox"/> 50.36(a)(2)	<input type="checkbox"/> 50.73(a)(2)(vi)	<input checked="" type="checkbox"/> OTHER (Specify in Abstract below and in Text, NRC Form 366A)
<input type="checkbox"/> 20.406(a)(1)(iii)	<input type="checkbox"/> 50.73(a)(2)(i)	<input type="checkbox"/> 50.73(a)(2)(vii)(A)	50.72(b)(2)(ii)
<input type="checkbox"/> 20.406(a)(1)(iv)	<input type="checkbox"/> 50.73(a)(2)(ii)	<input type="checkbox"/> 50.73(a)(2)(vii)(B)	
<input type="checkbox"/> 20.406(a)(1)(v)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME: R. L. Koenigs, Compliance Engineer

TELEPHONE NUMBER: 5 0 9 3 7 7 - 1 2 5 0 1

Ext. 2279

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS
X	J	C		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)

At approximately 0304 hours on 29 December 1984, a full Reactor Protection System actuation occurred during a Neutron Monitoring System surveillance. The reactor was at 0% power and 240 psig pressure. Instrument technicians had just completed APRM Channel 'E' surveillance and were given permission by Control Room Operators to proceed with an APRM Channel 'F' surveillance. Normally an APRM Channel 'F' surveillance causes a 1/2 scram condition only. During this surveillance a full ESF actuation occurred.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 4	1 3 1	0 0 0	2	OF	0 2

TEXT (If more space is required, use additional NRC Form 388A's) (17)

Plant Conditions

- a) Power Level - 0%
- b) Plant Mode - 3

Event

At 0304 hours on 12/29/84, Plant Instrument and Control (I&C) Technicians were performing a Neutron Monitoring System APRM Channel 'E' Rod Block Channel Functional Test (CFT). Upon completion of this test the Reactor Protection System (RPS) logic was reset. Reactor Operators verified that the local annunciators for automatic and 1/2 scram logic, as well as the associated computer points, were all reset.

At this point the I&C Technicians received permission to proceed with the opposite division APRM Channel 'F' Rod Block CFT. Performance of this CFT should only create a 1/2 scram condition. However, in this instance a full RPS actuation occurred. A review of the Transient Data Acquisition System (TDAS) printout following the event revealed that the RPS scram subchannel A2 had not fully reset following the APRM Channel 'E' CFT.

Immediate Corrective Action

The RPS logic was reset and extensive attempts were made to create this situation again. Plant personnel were not able to re-create this apparent malfunction.

Further Corrective Action

None

Safety Significance

The RPS is designed to automatically initiate a Reactor Scram to preserve the integrity of the fuel cladding and reactor coolant system. This event would not have precluded a Reactor Scram from occurring and in fact placed the RPS in a more conservative mode than normal. No cause for the apparent malfunction could be identified and the Plant has experienced no similar occurrences. There was no hazard to the health and safety of the public or Plant personnel.

Similar Events

None

Washington Public Power Supply System

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

Docket No. 50-397

January 25, 1985

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

Subject: NUCLEAR PLANT NO. 2
LICENSEE EVENT REPORT NO. 84-131

Dear Sir:

Transmitted herewith is Licensee Event Report No. 84-131 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 0307 hours on December 29, 1984.

Very truly yours,

C. M. Powers for

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

JDM:mm

Enclosure:
Licensee Event Report No. 84-131

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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