

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)
Washington Nuclear Project - Unit 2DOCKET NUMBER (2)
0 5 0 0 0 3 9 7 1 OF 0 2

TITLE (4)

Unscheduled ESF 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)	
0	3	1	7	8	4	8	4	0	1	6	0 5 0 0 0	
0	3	1	7	8	4	8	4	0	1	6	0 5 0 0 0	
OPERATING MODE (9)			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)									
4			20.402(b)			20.406(n)			50.73(a)(2)(iv)			73.71(b)
POWER LEVEL (10)			20.406(a)(1)(i)			50.36(c)(1)			50.73(a)(2)(v)			73.71(c)
0 0 0			20.406(a)(1)(ii)			50.36(c)(2)			50.73(a)(2)(vii)			X OTHER (Specify in Abstract below and in Text, NRC Form 306A)
			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)(x)			

LICENSEE CONTACT FOR THIS LER (12)

NAME
L. D. Kassakatis, Plant Compliance Engineer

TELEPHONE NUMBER

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

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

Ext. 4727

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC
A	J	C		N					

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

On 3/17/84 during a routine calibration check of transfer logic relays of the Plant backup transformer, Operations personnel were attempting to transfer the Reactor Protection System Bus "A" power from the alternate source to the normal source when a full RPS actuation, a full nuclear steam supply system isolation, and a Division I and II balance of Plant isolation occurred. The unscheduled ESF actuations were caused by Operator error in positioning the RPS power transfer switch. This event was deemed reportable under requirements for 10 CFR 50.72(b)(2)(ii).

8404110022 840404
PDR ADOCK 05000397
S PDR

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1) Washington Nuclear Project - Unit 2	DOCKET NUMBER (2) 0 5 0 0 0 3 9 7	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		84	016	00	02	OF	02

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

Power Level - Zero

Plant Mode - 4

Reportable under requirements of 10 CFR 50.72(b)(2)(ii)

At approximately 0600 hours on 3/17/84, Plant Operations personnel were realigning portions of Plant power to normal source feeds after a test of time delay relays associated with transfer logic on the backup transformer. Before performing the retest, Operations had placed Reactor Protection System Bus "A" on the alternate feed source to prevent ESF actuations that would occur during the test of the referenced relays. An Operator was dispatched to realign RPS Bus "A" to the normal source feed after testing was completed. Since this transfer is a "break before make" transfer, a $\frac{1}{2}$ Scram in System "A" along with a partial nuclear steam supply shutoff system and a balance of Plant Division I isolation was anticipated, due to the momentary deenergization of RPS Bus "A" during the transfer. The Operator moved the transfer switch in such a manner that he accidentally moved past the normal source feed (vertical position on the transfer switch), past the vertical detent and initiated a transfer of power from normal source to alternate source on RPS Bus "B". This action caused Bus "B" to deenergize momentarily. Due to the break before make logic, with Bus "A" logics tripped, Bus "B" logics also tripped. This caused a full Reactor Protection System actuation, a full nuclear steam supply shutoff system isolation and a full Division I and II balance of Plant isolation. The transfer switch was then placed in normal source feed position and the Plant was recovered per Plant procedures.

The Operator knew immediately he had made a mistake. When the transfer is accomplished in accordance with the procedure, the inadvertent actuation as described in this LER will not occur. The determination has been made that this was a unique event.

Washington Public Power Supply System

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

Docket No. 50-397
April 4, 1984

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

Subject: **NUCLEAR PROJECT NO. 2**
LICENSEE EVENT REPORT NO. 84-016

Dear Sir:

Transmitted herewith is Licensee Event Report No. 84-016 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 noncompliance, corrective action taken, and action taken to preclude recurrence.

This is the follow-up report to the verbal notification given at 0617 hours on March 17, 1984.

Very truly yours,

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

JDM:de

Enclosure:
Licensee Event Report No. 84-016

cc: Mr. John B. Martin, Administrator
Region V, Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
1450 Maria Lane
Walnut Creek, California 94596
Mr. A. D. Toth, NRC Resident Inspector (901A)

IE22
1/1