

LICENSEE EVENT REPORT (LER)

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

TITLE (4) 10CFR50 Appendix "R" Cable Fire Protection and Electrical Separation

EVENT DATE (8)			LER NUMBER (5)		REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)															
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES														
0	3	1	8	8	5	8	5	0	2	3	0	0	0	4	1	6	8	4	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(c)	50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 100	20.406(a)(1)(i)	50.38(e)(1)	X 50.73(a)(2)(v)	73.71(c)
	20.406(a)(1)(ii)	50.38(e)(2)	50.73(a)(2)(vi)	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)(vii)(A)	
	20.406(a)(1)(iv)	50.73(a)(2)(ii)	50.73(a)(2)(vii)(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 510 931 771-1 251011
AREA CODE	Ext. 2279

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC
A	FI	ACBL	-	-	-	-	-	-	N
B	FI	ACBL	-	-	-	-	-	-	N

SUPPLEMENTAL REPORT EXPECTED (14)

EXPECTED SUBMISSION DATE (15) MONTH 0 6 DAY 21 YEAR 8 5

YES (If yes, complete EXPECTED SUBMISSION DATE) NO

ABSTRACT (Limit to 1400 spaces or approximately fifteen single-space typewritten lines) (16)

While evaluating a Non-Conformance Report (NCR) for Electrical Separation or Appendix R infraction, a general walkdown was made on 3/18/85 to observe any additional instances similar to the ones already encountered. The walkdown resulted in identifying 4 types of possible infractions with no design impact and one type which may have design impact. A Maintenance Work Request (MWR) was implemented to eliminate any infractions which were readily correctable. All items were put on the fire watch until either corrected or determined that an electrical separation or Appendix R condition does not exist. Further evaluations are being made to render decisions on whether these categories are infractions and to derive steps to be taken to alleviate these conditions.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		8 5	0 2 3	0 0 0	2	OF	0 3

TEXT (If more space is required, use additional NRC Form 386A's) (17)

Plant Condition

- a) Operating Mode - 1
- b) Power Level - 100%

Event

In February, 1985, 4 cables were discovered (3 in the cable spreading room and 1 in the cable chase area) which appeared to be an infraction of the Electrical Separation criteria or Appendix R. The first investigation resulted in an evaluation which showed no infraction of Electrical Separation or Appendix R had occurred. However, further discussions with Engineering, Tech. Staff and Maintenance personnel uncovered other areas of concern which needed evaluation. Due to the general concerns surfacing, a walkdown was made on 3/18/85 to observe any additional instances similar to the cable spreading/cable chase rooms conditions. A total of 28 items were found which can be categorized as follows:

1. Spared cables hanging out of conduits/raceways.
2. Temporary cables, ie., extension cords.
3. Communication cables
4. Cables which run out of and back into raceways.
5. Spatial separation involving raceways carrying prime circuits (Non-Class 1E circuits connected to Class 1E power supply.

All 28 items were put on the fire watch until the problem was alleviated. An MWR was processed and implemented to alleviate as many items as possible. Twenty-three items were eliminated as an electrical separation concern whereas all 28 items were not an Appendix R infraction. The remaining five electrical separation infractions are of a type which leads us to expand our evaluation to other areas of the plant.

Immediate Corrective Action

- o All items were placed on the fire watch tour.
- o An MWR was issued to remove those items which do not have design implications, whether they be Electrical Separation infractions or not.

Further Corrective Action

- o Alleviate future instances by:
 1. Revising Plant procedures to provide additional instructions which address electrical separation requirements.
 2. Providing training to the craft personnel on proper use of temporary cables with respect to Electrical Separation and Appendix R criteria.
 3. Review of Appendix 3 to the Engineering Design Criteria for possible areas of clarification in order to enhance the acceptance criteria.

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Washington Nuclear Plant - Unit 2	0500039785	85	023	00	03	OF	03

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

- Complete the on-going evaluation to decide the necessary steps to be taken, and implement the changes, if necessary, to correct the spatial conditions in regard to the prime raceways.

Safety Significance

The safety significance concerns the effects of violation of the spatial requirements between redundant divisional raceways. A raceway fire in one division could propagate and cause a failure in the opposite division. It should be noted that a review has shown that none of the infractions found had the capability to compromise the Plant's Appendix R dedicated safe shutdown path.

Similar Events

Refer to LER 84-031-003

Washington Public Power Supply System

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

Docket No. 50-397

April 16, 1985

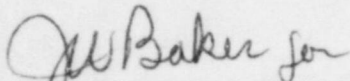
Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: NUCLEAR PLANT NO. 2
LICENSEE EVENT REPORT NO. 85-023

Dear Sir:

Transmitted herewith is Licensee Event Report No. 85-023 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.

Very truly yours,



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

CMP:mm

Enclosure:

Licensee Event Report No. 85-023

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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