

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)
Washington Nuclear Plant - Unit 2

DOCKET NUMBER (2)

0500031917

PAGE (3)

1 OF 012

TITLE (4)

10CFR50 Appendix "R" Cable Fire Protection

EVENT DATE (5)
MONTH DAY YEAR
* 8 4 03 1 0 1 1 1 2 9 8 4

LER NUMBER (6)

SEQUENTIAL NUMBER

REVISION NUMBER

REPORT DATE (7)

MONTH DAY YEAR

OTHER FACILITIES INVOLVED (8)

FACILITY NAMES

DOCKET NUMBER(S)

050000

050000

OPERATING MODE (9)

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)

POWER LEVEL (10)

*

20.402(b)

20.408(a)(1)(i)

20.408(a)(1)(ii)

20.408(a)(1)(iii)

20.408(a)(1)(iv)

20.408(a)(1)(v)

20.408(e)

50.36(e)(1)

50.36(e)(2)

50.73(a)(2)(i)

50.73(a)(2)(ii)

50.73(a)(2)(iii)

50.73(a)(2)(iv)

50.73(a)(2)(v)

50.73(a)(2)(vi)

50.73(a)(2)(vii)(A)

50.73(a)(2)(vii)(B)

50.73(a)(2)(viii)

73.71(b)

73.71(e)

OTHER (Specify in Abstract below and in Text, NRC Form 366A)

LICENSEE CONTACT FOR THIS LER (12)

NAME

TELEPHONE NUMBER

R. L. Koenigs, Compliance Engineer

AREA CODE

5101931771-1251011

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

Ext. 2279

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC		
B	BIOCBLL	-	-	-	N	B	BIOCBLL	-	-	-	N
B	EBCCBLL	-	-	-	N	B	VACBLL	-	-	-	N

SUPPLEMENTAL REPORT EXPECTED (14)

X YES (If yes, complete EXPECTED SUBMISSION DATE) NO

EXPECTED SUBMISSION DATE (15)

MONTH DAY YEAR
05 31 81 5

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

While performing a review and update of the WNP-2 Appendix "R" Safe Shutdown analysis, ten (10) cables required for safe Plant shutdown following a fire were identified on 4/12/84 as unprotected from fire (i.e., no thermolag fire protection material had been applied to these cables).

During a subsequent ongoing independent review of this analysis, on 11/6/84 another cable was identified as unprotected from fire over a short (15 ft.) length of vertical cable tray.

Engineering direction has been given for the application of thermolag coatings to these cables.

	Date	Operating Mode	Power Level
* Event 1	04/12/84	2	001
Event 2	11/06/84	1	095

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PDR ADOCK 05000397
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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
Washington Nuclear Plant - Unit 2	0500039784	--	031	--	01	02	OF 02

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

Plant Conditions

Power Level - 1% (95%)
Plant Mode - 2 (1)

Numbers in parens indicate conditions for the 11/6/84 discovery.

Event

On 4/12/84, a review and update of the original 10CFR50 Appendix "R" Safe Shutdown Analysis identified a total of ten (10) cables which connected circuits necessary for safe plant shutdown that should have been protected (cable raceways with Thermolag fire protection coating) from an exposure to fire but were not. Nine (9) of the cables were added after the original analysis was complete. One cable was inadvertently missed by the original analysis.

Failure to protect these cables could have resulted in the loss of ability to safely shutdown the plant following a fire. These cables provided necessary indication and control for the Diesel Generator, Standby Service Water, Residual Heat Removal (RHR), and Reactor Building HVAC systems.

On 11/6/84, a second ongoing independent review of this analysis has identified another cable that was not protected from fire over a 15 ft. length of vertical cable tray. Failure of this cable could have resulted in a loss of ability to isolate the reactor following a fire. This cable provided an isolation signal to a 1" RHR bypass valve (RHR-V-123A). All portions of this cable except the 15 ft. length mentioned above, were protected as a result of the original analysis.

Immediate Corrective Action

Upon identification, each area was included on the Plant fire watch tour.

Further Corrective Action

Engineering direction has been provided to thermolag all identified cables. Field work is in progress implementing this direction and will continue as Plant conditions allow.

Engineering will complete the review of the Appendix "R" Safe Shutdown Analysis by 4/30/85.

Safety Significance

WNP-2 experienced no fires in these areas, the Reactor Building Fire Detection System remained operable throughout the interval, and additional fire watch tours were performed on a routine basis. The health and safety of the public and Plant personnel was not endangered.

Washington Public Power Supply System

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

Docket No. 50-397

November 29, 1984

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

Subject: NUCLEAR PLANT NO. 2
LICENSEE EVENT REPORT NO. 84-031-01

Dear Sir:

Transmitted herewith is Licensee Event Report No. 84-031-01 for WNP-2 Plant. This report is submitted in response to the report requirements of 10CFR50.73, discusses the item of reportability, corrective action taken, and action taken to preclude recurrence, and provides supplemental information to LER 84-031.

Very truly yours,

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

JDM:mm

Enclosure:
Licensee Event Report No. 84-031-01

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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