

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) La Crosse Boiling Water Reactor (LACBWR)										DOCKET NUMBER (2) 0 5 0 0 0 4 0 9					PAGE (3) 1 OF 2									
TITLE (4) Degraded Fire Barrier Penetration																								
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	4	2	4	8	5	8	5	0	1	0	0	0	5	2	0	8	5	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)																						
1		20.402(b)				20.406(e)				50.73(a)(2)(iv)				73.71(b)										
POWER LEVEL (10)		20.406(a)(1)(i)				50.36(a)(1)				50.73(a)(2)(v)				73.71(c)										
0		7				1				50.36(a)(2)				50.73(a)(2)(vii)										
		20.406(a)(1)(ii)				50.73(a)(2)(i)				50.73(a)(2)(viii)(A)				OTHER (Specify in Abstract below and in Text, NRC Form 366A)										
		20.406(a)(1)(iii)				50.73(a)(2)(ii)				50.73(a)(2)(viii)(B)														
		20.406(a)(1)(iv)				50.73(a)(2)(iii)				50.73(a)(2)(ix)														
		20.406(a)(1)(v)																						
LICENSEE CONTACT FOR THIS LER (12)																								
NAME Lynne S. Goodman, LACBWR Operations Engineer										TELEPHONE NUMBER														
										AREA CODE 6 0 8 6 8 9 - 2 3 3 1														
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														
SUPPLEMENTAL REPORT EXPECTED (14)										EXPECTED SUBMISSION DATE (15)			MONTH	DAY	YEAR									
YES (If yes, complete EXPECTED SUBMISSION DATE)										X NO														

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

The fire barrier between the Electrical Penetration Room and the Diesel Building electrical equipment room was observed to have been degraded by an Appendix R modification which had been installed during the recently completed refueling outage. Cables which had been rerouted through a cable tray penetrating the wall had damaged the barrier. Close examination revealed the barrier had not been properly installed originally. Two other fire barrier penetrations involved in an ongoing modification were inspected. It was determined that these barriers had not been restored in accordance with procedure.

Hourly fire patrols were established for the 3 penetrations until repairs were completed on May 8, 1985. Caution signs will be posted near electrical penetration through fire barriers protecting safety-related areas. Similar occurrence: LER 80-16.

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1)  La Crosse Boiling Water Reactor	DOCKET NUMBER (2)  0 5 0 0 0 4 0 9 8 5 -	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		0 1 0 -	0 0	0 0	0 2	OF	0 2

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

On April 24, 1985, cables (CBL) which had been replaced and rerouted during the refueling outage completed April 17 were being covered with fire wrap. One train of the Shutdown Condenser (BL) controls had been rerouted to provide separation as part of the 10 CFR 50 Appendix R requirements. A Senior Reactor Operator who was working with the fire wrap noticed that the fire barrier at the cable tray (TY) penetrating the wall between the Electrical Penetration Room and the Diesel Building (NB) electrical equipment room had been degraded when the new cables were installed.

Close examination revealed that the barrier had not been installed properly initially, though it had appeared satisfactory. The Diesel Building side had a solidified Flamastic sheet, rather than a fire resistant board sprayed with Flamastic. A metal box covered the opening on the Electrical Penetration Room side. The Diesel Building had been added to the plant in 1975. An hourly fire patrol was initiated.

Two other fire barrier penetrations involved in an ongoing modification were inspected. It was determined that these barriers had not been restored in accordance with procedure, though the barriers did not appear to have been adversely disturbed by the installation of the new cable. Hourly fire patrols were initiated for the penetration between the machine shop stairwell and change room and the change room to Turbine Building (NM) mezzanine penetration.

Repair methods were evaluated. The 2 methods used were Flamastic 71A with marinite board and mineral wool and the Flamastic FS-180 system with mineral wool and ceramic blanket. The repairs as completed on May 8, 1985 provided fire barriers superior to those originally installed. Further barriers may be improved as the Appendix R reviews continue.

Caution signs will be posted near electrical penetrations in fire barriers protecting safety-related areas. This action should help ensure that fire barriers are restored properly following plant modifications requiring barrier penetration.



LA CROSSE BOILING WATER REACTOR (LACBWR) • P.O. BOX 275  
GENOA, WISCONSIN 54632 • (608) 689-2331

May 20, 1985

In reply, please  
refer to LAC-10865

DOCKET NO. 50-409

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

SUBJECT: DAIRYLAND POWER COOPERATIVE  
LA CROSSE BOILING WATER REACTOR (LACBWR)  
PROVISIONAL OPERATING LICENSE NO. DPR-45  
LICENSEE EVENT REPORT NO. 85-10

Reference: 10 CFR 50.73

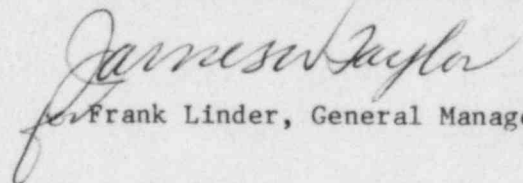
Gentlemen:

In accordance with 10 CFR 50.73, attached is Licensee Event Report  
No. 85-10.

If there are any questions, please contact us.

Sincerely,

DAIRYLAND POWER COOPERATIVE

  
Frank Linder, General Manager

FL:LSG:sks

Attachment

cc: J. G. Keppler, NRC Region III  
NRC Resident Inspector  
D. Sherman, ANI Library  
Richard Dudley, LACBWR Project Manager  
INPO

WP6.20.1

DAIRYLAND POWER COOPERATIVE CORPORATE HEADQUARTERS • P.O. BOX 817 • LA CROSSE, WISCONSIN 54601 • (608) 788-4000

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