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WILLIAM L. BERG  
General Manager

January 25, 1991

In reply, please  
refer to LAC-13020

DOCKET NO. 50-409

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

Gentlemen:

SUBJECT: Dairyland Power Cooperative  
La Crosse Boiling Water Reactor (LACBWR)  
Possession-Only License No. DPR-45  
Annual Report for 1990 - Report of  
Changes, Tests and Experiments

References: (1) LACBWR Technical Specification, Section 6.9.1.5  
(2) 10 CFR 50.59 (b)  
(3) NUREG-0737, dated October 31, 1980, Section II.K.3 (3)

In accordance with Reference 1, we are submitting the Annual Report covering the radiological exposure summary.

Also included are brief descriptions of facility changes, including summaries of their safety evaluations, as required by Reference 2. There were no tests or experiments conducted during 1990.

Reference 3 requires reporting of safety valve operations and failures, of which there were none in 1990.

If there are any questions concerning this report, please contact us.

Sincerely,

DAIRYLAND POWER COOPERATIVE

*William L. Berg*

William L. Berg, General Manager

WLB:REC:dh

Enclosures

cc: A. Bert Davis, Regional Administrator, NRC Region III  
Peter Erickson, Project Manager, NRC-Wash.

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LA CROSSE BOILING WATER REACTOR

ANNUAL REPORT

1990

POSSESSION-ONLY LICENSE NO. DPR-45

Dairyland Power Cooperative  
3200 East Avenue South  
La Crosse, WI 54602-0817

DESCRIPTION OF CHANGES, TESTS, AND EXPERIMENTS

1990

FACILITY CHANGES

The following Facility Changes, which did not require prior NRC approval, were physically completed in 1990.

24-88-01      Install a Central Coal Testing Lab at LACBWR.

The safety review shows this installation is not safety related.

25-88-04      Install site drainage system.

The safety review shows this installation is not safety related.

45-88-11      Upgrade area radiation monitors.

The safety review shows this modification is not safety related.

45-89-12      Removal of installed radiation detection instrumentation.

The safety review shows this modification is not safety related.

91-88-03      Install a system flow detector.

The safety review shows this modification is not safety related.

TESTS

There were no tests performed during 1990 which required prior NRC approval.

EXPERIMENTS

There were no experiments conducted during 1990.

SAFETY VALVE FAILURES AND OPERATIONS

There were no safety valve failures or operations for pressure relief purposes during 1990.

APPENDIX A

STANDARD YMAT FOR REPORTING NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

Work & Job Function	Number of Personnel (>100 mRem)						Total Man-Rem			
	Station Employees		Utility Employees		Contract Workers and Others		Station Employees	Utility Employees	Contract Workers and Others	
<u>REACTOR OPERATIONS &amp; SURVEILLANCE</u>										
Maintenance Personnel	3	0	0	0	0	0	0.716	0.000	0.000	0.000
Operating Personnel	8	0	0	0	0	0	1.706	0.000	0.000	0.170
Health Physics Personnel	3	1	0	0	0	0	0.817	0.202	0.000	0.000
Supervisory Personnel	3	0	0	0	0	0	1.022	0.000	0.000	0.000
Engineering Personnel	0	0	0	0	0	0	0.008	0.005	0.000	0.000
<u>ROUTINE MAINTENANCE</u>										
Maintenance Personnel	0	0	0	0	0	0	0.145	0.000	0.000	0.000
Operating Personnel	0	0	0	0	0	0	0.000	0.000	0.000	0.000
Health Physics Personnel	0	0	0	0	0	0	0.000	0.000	0.000	0.000
Supervisory Personnel	0	0	0	0	0	0	0.000	0.000	0.000	0.000
Engineering Personnel	0	0	0	0	0	0	0.030	0.000	0.000	0.000
<u>INSERVICE INSPECTION</u>										
Maintenance Personnel	0	0	0	0	0	0	0.000	0.000	0.000	0.000
Operating Personnel	0	0	0	0	0	0	0.000	0.000	0.000	0.000
Health Physics Personnel	0	0	0	0	0	0	0.000	0.000	0.000	0.000
Supervisory Personnel	0	0	0	0	0	0	0.000	0.000	0.000	0.000
Engineering Personnel	0	0	0	0	0	0	0.000	0.000	0.000	0.000
<u>SPECIAL MAINTENANCE</u>										
Maintenance Personnel	4	0	0	0	0	0	0.860	0.000	0.000	0.220
Operating Personnel	2	0	0	0	0	0	0.741	0.000	0.000	0.000
Health Physics Personnel	0	0	0	0	0	0	0.000	0.008	0.000	0.000
Supervisory Personnel	0	0	0	0	0	0	0.008	0.000	0.000	0.000
Engineering Personnel	0	0	0	0	0	0	0.052	0.125	0.000	0.000

APPENDIX A - (cont'd)

STANDARD FORMAT FOR REPORTING NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

Work & Job Function	Number of Personnel (>100 mRem)				Total Man-Rem		
	Station Employees		Contract Workers and Others		Station Employees	Utility Employees	Contract Workers and Others
	Station Employees	Utility Employees	Contract Workers and Others	Station Employees	Station Employees	Utility Employees	Contract Workers and Others
<u>WASTE PROCESSING</u>							
Maintenance Personnel	1	0	0	0.279	0.000	0.000	0.000
Operating Personnel	1	0	0	0.293	0.000	0.000	0.000
Health Physics Personnel	1	0	0	0.533	0.030	0.000	0.000
Supervisory Personnel	0	0	0	0.000	0.000	0.000	0.000
Engineering Personnel	0	0	0	0.000	0.000	0.000	0.000
<u>DEFUELING</u>							
Maintenance Personnel	0	0	0	0.000	0.000	0.000	0.000
Operating Personnel	0	0	0	0.000	0.000	0.000	0.000
Health Physics Personnel	0	0	0	0.000	0.000	0.000	0.000
Supervisory Personnel	0	0	0	0.000	0.000	0.000	0.000
Engineering Personnel	0	0	0	0.000	0.000	0.000	0.000
<u>TOTAL</u>							
Maintenance Personnel	6	0	0	2.000	0.000	0.000	0.220
Operating Personnel	10	0	0	2.740	0.000	0.000	0.170
Health Physics Personnel	3	1	0	1.350	0.240	0.000	0.000
Supervisory Personnel	0	0	0	1.030	0.000	0.000	0.000
Engineering Personnel	0	0	0	0.060	0.130	0.000	0.000
GRAND TOTAL	19	1	0	7.180	0.370	0.000	0.390