LA CROSSE BOILING WATER
REACTOR (LACBWR)

DAIRYLAND POWER
COOPERATIVE

January 29, 2009

In reply, please refer to LAC-14061

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)
Possession-Only License No. DPR-45
Annual Report for 2008 - Report of Changes, Tests and Experiments

REFERENCES: (1) LACBWR Technical Specification, Section 6.5.1.1
(2) 10 CFR 50.59(d)(2)

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 evaluations, as required by Reference 2. No tests or experiments were conducted during 2008.

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

Sincerely,

DAIRYLAND POWER COOPERATIVE

William L Berg

William L. Berg, President & CEO

WLB: JBM: two

Enclosures

cc/enc: Kristina Banovac, NRC Project Manager
William Snell, NRC Region III
Peter Lee, Decommissioning Branch, NRC Region III

NMSS01
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La Crosse Boiling Water Reactor (LACBWR)

Possession-Only-License No. DPR-45

2008 ANNUAL REPORT

PERSONNEL EXPOSURE

AND

DESCRIPTION OF
CHANGES, TESTS, AND EXPERIMENTS

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

2008 Dose Distribution

Date: 01/21/2009

License No. DPR-45

Licensee: DAIRYLAND POWER COOPERATIVE

Affiliated Lic. No.:

Dose Range (rem)	Primary & Affiliated Licensee Records: Number of Individuals	Primary & Affiliated Licensee Records: TEDE Dose (person – rem)	All Records for Monitoring Year: Number of Individuals	All Records for Monitoring Year: TEDE Dose (person – rem)
No Meas. Exposure	30		30	
Meas. < .100	34	0.867	34	0.867
.100 - .250	6	0.892	6	0.892
.250 - .500				
.500 - .750				
.750 - 1.000				
1.000 - 2.000				
2.000 - 3.000				
3.000 - 4.000				
4.000 - 5.000				
> 5.000				
Number with Meas. TEDE	40		40	
Total Monitored	70		70	
Total Collective TEDE		1.759		1.759
Total Collective CEDE				

APPENDIX A

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

2008	*Number of Personnel (>100 mRem)*			*Total Man-Rem*		
Work & Job Function	**Station Employees**	**Utility Employees**	**Contract Workers and Others**	**Station Employees**	**Utility Employees**	**Contract Workers and Others**
REACTOR SURVEILLANCE						
Maintenance Personnel	0	0	0	0.000	0.000	0.000
Operating Personnel	1	0	0	0.205	0.000	0.000
Health Physics Personnel	0	0	0	0.100	0.000	0.000
Supervisory Personnel	0	0	0	0.050	0.000	0.000
Engineering Personnel	0	0	0	0.000	0.000	0.024
ROUTINE MAINTENANCE						
Maintenance Personnel	0	0	0	0.189	0.000	0.000
Operating Personnel	0	0	0	0.032	0.000	0.000
Health Physics Personnel	0	0	0	0.010	0.000	0.000
Supervisory Personnel	0	0	0	0.031	0.000	0.000
Engineering Personnel	0	0	0	0.019	0.000	0.000
INSERVICE INSPECTION						
Maintenance Personnel	0	0	0	0.000	0.000	0.000
Operating Personnel	0	0	0	0.000	0.000	0.000
Health Physics Personnel	0	0	0	0.000	0.000	0.000
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	0	0	0	0.000	0.000	0.000
SPECIAL MAINTENANCE						
Maintenance Personnel	0	0	1	0.210	0.000	0.200
Operating Personnel	0	0	0	0.003	0.000	0.000
Health Physics Personnel	0	0	0	0.013	0.000	0.000
Supervisory Personnel	0	0	0	0.003	0.000	0.000
Engineering Personnel	0	0	0	0.000	0.000	0.000

APPENDIX A - (cont'd)
2008

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**
WASTE PROCESSING						
Maintenance Personnel	2	0	0	0.364	0.000	0.000
Operating Personnel	0	0	0	0.042	0.000	0.000
Health Physics Personnel	2	0	0	0.243	0.000	0.000
Supervisory Personnel	0	0	0	0.021	0.000	0.000
Engineering Personnel	0	0	0	0.000	0.000	0.000
DEFUELING						
Maintenance Personnel	0	0	0	0.000	0.000	0.000
Operating Personnel	0	0	0	0.000	0.000	0.000
Health Physics Personnel	0	0	0	0.000	0.000	0.000
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	0	0	0	0.000	0.000	0.000
TOTAL						
Maintenance Personnel	2	0	1	0.763	0.000	0.200
Operating Personnel	1	0	0	0.282	0.000	0.000
Health Physics Personnel	2	0	0	0.366	0.000	0.000
Supervisory Personnel	0	0	0	0.105	0.000	0.000
Engineering Personnel	0	0	0	0.019	0.000	0.024
GRAND TOTAL	5	0	1	1.535	0.000	0.224

MAXIMUM INDIVIDUAL DOSE DURING CALENDAR YEAR: 0.183 mRem – Plant Electrician

DESCRIPTION OF CHANGES, TESTS, AND EXPERIMENTS

2008

FACILITY CHANGES

The following facility changes were physically completed in 2008. A summary of the evaluation of each, performed according to 10 CFR 50.59, is included. The determination was made that prior NRC approval was not required for these facility changes.

17-08-03 Remove Extension Building South Side of WTB

An abandoned concrete block building extension (4'W X 4'D X 8'H) was dilapidated and in danger of collapse. The structure was removed from the south side of the Waste Treatment Building. The 50.59 screen, prepared in accordance with LACBWR Administrative Control Procedure (ACP) 06.4, "10 CFR 50.59 Evaluations," concluded that implementation of this facility change did not require prior NRC approval, that there was no need for any change to Technical Specifications, and that a 50.59 Evaluation per ACP-06.4 was not required.

19-07-25 Set Up Decon Area in Turbine Building

Decon sinks removed from the Waste Treatment Building were used in establishing a larger, more easily accessible, and more functional decontamination area in the Turbine Building. The 50.59 screen, prepared in accordance with ACP-06.4, concluded that implementation of this facility change did not require prior NRC approval, that there was no need for any change to Technical Specifications, and that a 50.59 Evaluation per ACP-06.4 was not required.

51-07-03 Abandon Primary Purification Pump in Place

The purification pump took suction through a nozzle appurtenance on the lower head of the reactor pressure vessel (RPV); the system returned filtered flow to 1B Forced Circulation Pump (FCP) loop. The RPV has been disposed of and FCP loop remnants have been filled with grout. The purification pump was electrically dismantled and abandoned in place awaiting mechanical removal at a later date. The 50.59 screen, prepared in accordance with ACP-06.4, concluded that implementation of this facility change did not require prior NRC approval, that there was no need for any change to Technical Specifications, and that a 50.59 Evaluation per ACP-06.4 was not required.

64-97-11 Remove Main Steam Equipment in Turbine Building

Various piping and valves comprising the main steam supply to the turbine, including turbine inlet valves, were removed. The 50.59 screen, prepared in accordance with ACP-06.4, concluded that implementation of this facility change did not require prior NRC approval, that there was no need for any change to Technical Specifications, and that a 50.59 Evaluation per ACP-06.4 was not required.

74-07-83 Restore 120-V Receptacles and Lighting in Reactor Building

For RPV disposal, bio-shield cutting and removal sacrificed some Reactor Building mezzanine level gallery lighting and 120-V receptacles. Temporary services were installed during the project. This change restored normal gallery lighting and receptacles. The 50.59 screen, prepared in accordance with ACP-06.4, concluded that implementation of this facility change did not require prior NRC approval, that there was no need for any change to Technical Specifications, and that a 50.59 Evaluation per ACP-06.4 was not required.

74-08-85 Modify RB MCC Feeds MCA Trip

The "Reactor Building MCA Feeds—MCA Trip" control switch, located on the Control Room benchboard provided the capability to de-energize the three 480-V AC motor control centers (MCCs) located in the Reactor Building. Maximum Credible Accident (MCA) was the equivalent of a loss of coolant accident (LOCA). Operation of the MCA Trip control switch, in accordance with the Operating Manual emergency procedure, was a required action in response to a major primary system leak. During MCA conditions, electrical sources in the Reactor (Containment) Building were de-energized prior to flood-up of the building with river water. These shunt trip functions were removed from the Reactor Building MCC feed breakers. One remote trip function, available from the Control Room switch, was maintained for the feed to a power disconnect used to supply the RPV removal lifting device. The 50.59 screen, prepared in accordance with ACP-06.4, concluded that implementation of this facility change did not require prior NRC approval, that there was no need for any change to Technical Specifications, and that a 50.59 Evaluation per ACP-06.4 was not required.

75-99-14 Remove Sprinkler Heads and Piping

Sprinklers installed over the turbine oil tank obstructed dismantlement of the turbine oil system. Sections of the sprinkler system were removed to clear obstruction. This removal did not decrease the effectiveness of the Fire Protection Program. The 50.59 screen, prepared in accordance with ACP-06.4, concluded that implementation of this facility change did not require prior NRC approval, that there was no need for any change to Technical Specifications, and that a 50.59 Evaluation per ACP-06.4 was not required.

91-08-07 Replace 1B LPSW Pump

1B Low Pressure Service Water (LPSW) pump failed mechanically. The 3000-gpm pump was driven by a 150-hp, 2400-V AC, Allis Chalmers motor. Due to reduced LPSW system demand, the unit was replaced by a more economical 600-gpm, 40-hp, 480-V AC, Goulds pump and motor. The 50.59 screen, prepared in accordance with ACP-06.4, concluded that implementation of this facility change did not require prior NRC approval, that there was no need for any change to Technical Specifications, and that a 50.59 Evaluation per ACP-06.4 was not required.

TESTS

There were no tests conducted during 2008.

EXPERIMENTS

There were no experiments conducted during 2008.