



72-46

LA CROSSE BOILING WATER REACTOR (LACBWR) • 4601 STATE ROAD 35  
GENOA, WISCONSIN 54632-8846 • (608) 689-2331

August 27, 2002

In reply, please refer to LAC-13773

DOCKET NO. 50-409

Mr. E. William Brach, Director  
Spent Nuclear Fuel Project Office (SNFPO)  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555-001, MS 013D13

Dear Mr. Brach:

**SUBJECT:** Dairyland Power Cooperative  
La Crosse Boiling Water Reactor (LACBWR)  
Possession-Only License No. DPR-45  
Request for Preliminary Meeting on  
Possible Dry Fuel Storage and Transport Options

Dairyland Power Cooperative (DPC), owner and operator of the subject facility, is requesting a preliminary meeting with the Spent Nuclear Fuel Project Office to discuss the possible options for the disposition of 333 irradiated fuel elements stored in the LACBWR spent fuel pool.

Attachment 1 provides a plant summary and description of the spent fuel. Attachment 2 is our proposed agenda for the preliminary meeting with the appropriate members of your group.

DPC is in the process of assessing the alternatives to continued wet fuel storage and issues related to the disposal of the reactor vessel.

We believe that a meeting with your office would take approximately three hours, and we would like to meet with you sometime during the second half of September or the first half of October. Attachment 3 identifies prospective attendees, with their respective titles, all of whom have indicated they are available during the specified time period.

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Mr. E. William Brach  
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If you have any questions, please contact me at 608-689-2331.

Sincerely,

DAIRYLAND POWER COOPERATIVE



Roger E. Christians, Plant Manager  
La Crosse Boiling Water Reactor (LACBWR)

REC:dh

Attachments (3)

cc: James E. Dyer, Regional Administrator  
U. S. Nuclear Regulatory Commission, Region III

John L. Minns, Project Manager  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission

## ATTACHMENT 1

### Plant Summary

Facility Owner:	Dairyland Power Cooperative
Facility Name:	La Crosse Boiling Water Reactor (LACBWR)
Facility Location:	Genoa, Wisconsin
Docket No.:	50-409
License No.:	DPR-45
Initial Criticality:	July 11, 1967
Shut-Down Date:	April 30, 1987
Plant Output:	50 Megawatt nominal electrical output
Fuel:	333 Fuel Elements (approximately 5.4 inches by 5.4 inches by 101.5 inches)
Fuel Suppliers:	Allis-Chalmers (155 Fuel Elements) and EXXON (178 Fuel Elements)
Fuel Structural Material:	Stainless Steel clad rods with stainless steel and Inconel spacers and fittings
Fuel Shroud Material:	Stainless Steel and Zircoloy Fuel Shrouds (fuel channels)
Maximum Fuel Exposure:	21,532 megawatt-days per metric ton of uranium (MWD/MTU)
Average Fuel Exposure:	14,758 MWD/MTU
Total Reactor Operations:	3,397 Effective Full-Power Days
Damaged Fuel:	Some damaged fuel

**ATTACHMENT 2**

**Preliminary Agenda**

**SNFPO – Dairyland Power Cooperative Initial Meeting**

**La Crosse Boiling Water Reactor Spent Fuel Management Options**

**Draft 08-15-2002**

- |    |   |       |
|----|---|-------|
| 1. | Introduction                                  | ALL   |
| 2. | Site Description                              | DPC   |
| 3. | Containment and Spent Fuel Pool Description   | DPC   |
| 4. | Spent Fuel Description                        | DPC   |
| 5. | Fundamental Description of Spent Fuel Options | DPC   |
| 6. | Overview of SNFPO Operations                  | SNFPO |
| 7. | Comments on DPC Approach: Tech. Specs         | SNFPO |
| 8. | Discussion of Schedule(s) for Options         | ALL   |
| 9. | Final Comments and Closing                    | ALL   |

**Next Steps**

## ATTACHMENT 3

### Meeting Attendees

Following are names and titles of the prospective attendees:

Roger Christians	DPC	LACBWR Plant Manager
Larry Nelson	DPC	Health & Safety Supervisor Project Co-Manager
Michael Johnsen	DPC	Technical Support Engineer Project Co-Manager
R. Jon Stouky	WPI	WPI Project Manager - Consultant
John Bowen	WPI	WPI Project Engineer - Consultant