

December 22, 2015

MEMORANDUM TO: Bruce A. Watson, CHP, Chief  
Reactor Decommissioning Branch  
Division of Decommissioning, Uranium Recovery  
and Waste Programs  
Office of Nuclear Material Safety  
and Safeguards

FROM: Marlayna G. Vaaler, Project Manager */RA/*  
Reactor Decommissioning Branch  
Division of Decommissioning, Uranium Recovery  
and Waste Programs  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: SUMMARY OF THE DECEMBER 7, 2015, PUBLIC MEETING  
WITH DAIRYLAND POWER COOPERATIVE AND  
ENERGYSOLUTIONS REGARDING THE LICENSE  
TERMINATION PLAN FOR THE LA CROSSE BOILING WATER  
REACTOR

### **Background**

On December 7, 2015, a Category 1 public meeting was held between U.S. Nuclear Regulatory Commission (NRC) staff and representatives of Dairyland Power Cooperative (DPC, the licensee) and EnergySolutions (ES) at NRC Headquarters, Two White Flint North, 11545 Rockville Pike, Rockville, Maryland. The purpose of the meeting was to discuss DPC and ES's plans and schedule regarding the future submittal of a License Termination Plan (LTP for the La Crosse Boiling Water Reactor (LACBWR).

The meeting notice dated November 23, 2015, can be found in the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML15327A189. A list of attendees is provided in Enclosure 1.

### **Meeting**

On December 7, 2015, the NRC staff held a public meeting with DPC and ES to discuss the plans and schedule regarding the future submittal of a LTP for LACBWR that would allow for the completion of decommissioning activities and termination of Facility Operating License DPR-45 for the LACBWR facility. During the meeting, representatives from DPC and ES gave a presentation on the proposed LTP and the overall LACBWR decommissioning strategy and timeline. This presentation is provided as Enclosure 2 and can be found in ADAMS at Accession No. ML15348A292.

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(301) 415-3178

During the meeting, ES discussed the current LACBWR decommissioning process and remaining activities and how they will be addressed in the LTP, provided a summary of the overall approach being considered, and provided a schedule of upcoming milestones for both DPC and ES. As of the meeting, DPS/ES are planning to submit the LTP during the first quarter of 2016, with NRC approval expected by the third quarter of 2017. All component removal, building demolition, transportation and disposal of radiological waste, and site remediation would be completed by the end of 2018. Final status surveys would be completed early in 2019 and the license would be terminated in 2020.

DPC and ES also discussed some of the technical approaches used in the LTP, including the site characterization summary, the survey unit classifications for the site, the groundwater evaluations conducted to date, the identified radionuclides present at the site, and the radiological dose modeling assumptions used as the basis for creating LACBWR's Derived Concentration Guideline Levels (DCGLs). Depictions and descriptions of what would remain at the site at the end of the remediation efforts were also discussed.

Because Dairyland is also in the process of transferring the LACBWR operating license to ES, the benefits of this transfer to LaCrosseSolutions were also discussed, including leveraging the technical experience of EnergySolutions in the fields of decommissioning and waste management and disposal, accelerating the overall decommissioning schedule for LACBWR, thereby reducing the radiological source term, and providing additional assurances beyond the LACBWR decommissioning trust fund that all decommissioning activities will be completed in a timely fashion. Finally, ES discussed the additional environmental impact information that will be provided in the LTP and stated it will be bounded by NUREG-0586, "Final Generic Environmental Impact Statement on Decommissioning of Nuclear Facilities."

No Public Meeting Feedback forms were received.

Docket Nos.: 50-409 and 72-046  
License No.: DPR-45

Enclosures:

1. List of Attendees
2. DPC/ES Presentation Slides

cc w/encl: La Crosse Boiling Water Reactor  
Service List

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cc w/encl: La Crosse Boiling Water Reactor  
Service List

**DISTRIBUTION:**

PUBLIC	DUWP/RDB RF	C. McKenney, NMSS	R. Orlikowski, RIII
R. Chang, NMSS	L. Parks, NMSS	J. Muir-Quintero, NMSS	S. Geibel, NMSS

**ADAMS Accession No.: ML15348A318**

OFFICE	NMSS/RDB/PM	NMSS/RDB/LA	NMSS/RDB/BC	NMSS/RDB/PM
NAME	M. Vaaler	C. Holston	B. Watson	M. Vaaler
DATE	12/14/15	12/16/15	12/22/15	12/16/15

**OFFICIAL RECORD COPY**

**LIST OF ATTENDEES**

DECEMBER 7, 2015, PUBLIC MEETING WITH

DAIRYLAND POWER COOPERATIVE AND ENERGYSOLUTIONS

LICENSE TERMINATION PLAN FOR THE LA CROSSE BOILING WATER REACTOR

**U.S. Nuclear Regulatory Commission**

Lydia Chang, NMSS/FCSE  
Marlayna Vaaler, NMSS/DUWP  
John Hickman, NMSS/DUWP  
Leah Parks, NMSS/DUWP  
John Clements, NMSS/DUWP  
Jessie Muir-Quintero, NMSS/FCSE

Howard Benowitz, OGC  
Andrew Pessin, OGC

\*Matthew Learn, RIII/DNMS

**Dairyland Power Cooperative**

Cheryl Olson

**EnergySolutions**

Gerry Van Noordennen  
Donald (Nick) Williams  
David Fauver  
\*Joseph Nolan  
\*Jim Lerner

**EXTERNAL STAKEHOLDERS**

UxC Consulting Company, LLC.  
\*Carlyn Greene

State of Wisconsin  
\*Bob Bush

Other  
\*Ramona Lake

*\*Participated via teleconference*

Enclosure 1

**Enclosure 2**

**Dairyland Power Cooperative  
and EnergySolutions  
Presentation Slides**

**ML15348A292**

## La Crosse Boiling Water Reactor Service List

Mr. Thomas Zaremba  
Wheeler, Van Sickle and Anderson  
Suite 801  
25 West Main Street  
Madison, WI 53703-3398

Mr. George Kruck, Chairman  
Town of Genoa  
S5277 Mound Ridge Road  
Genoa, WI 54632

Mr. Jeffery Kitsembel  
Electric Division  
Wisconsin Public Service Commission  
P.O. Box 7854  
Madison, WI 53707-7854

Mr. Paul Schmidt, Manager  
Radiation Protection Section  
Bureau of Environmental and Occupational Health  
Division of Public Health  
Wisconsin Department of Health Services  
P.O. Box 2659  
Madison, WI 53701-2659

Ms. Cheryl Olson, ISFSI Supervisor  
La Crosse Boiling Water Reactor  
Dairyland Power Cooperative  
S4601 State Highway 35  
Genoa, WI 54632-8846

Mr. Lane Peters  
La Crosse Boiling Water Reactor  
Dairyland Power Cooperative  
S4601 State Highway 35  
Genoa, WI 54632-8846

Regional Administrator  
Region III  
U.S. Nuclear Regulatory Commission  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352