



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001**

December 16, 2016

Mr. John Sauger
Executive Vice President
Chief Nuclear Officer Reactor D & D
EnergySolutions
2701 Deborah Avenue
Zion, IL 60099

**SUBJECT: LA CROSSE BOILING WATER REACTOR – ACCEPTANCE REVIEW OF THE
LACROSSE SOLUTIONS LICENSE TERMINATION PLAN AND ASSOCIATED
CONFORMING LICENSE AMENDMENT (CAC NO. L53134)**

Dear Mr. Sauger:

By letter dated June 27, 2016 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML16200A095), as supplemented by letter dated December 1, 2016 (ADAMS Accession No. ML16347A026), LaCrosseSolutions, LLC (LS, the licensee) requested U.S. Nuclear Regulatory Commission (NRC) approval of the License Termination Plan (LTP) for the La Crosse Boiling Water Reactor (LACBWR), as well as an associated conforming license amendment. The LACBWR LTP provides the details of the plan for characterizing, identifying, and remediating the remaining residual radioactivity at the LACBWR site to a level that will allow the site to be released for unrestricted use in the future. The LACBWR LTP also describes how the licensee will confirm the extent and success of remediation through radiological surveys, provide financial assurance to complete decommissioning, and ensure the environmental impacts of the decommissioning activities are within the scope originally envisioned in the associated environmental documents.

The proposed conforming amendment would amend Possession Only License No. DPR-45 for LACBWR to reflect the approval of the LACBWR LTP when the review and approval process is completed by the NRC staff. Specifically, License Condition 2.C.(5), which approves the LACBWR LTP and establishes the criteria for determining when changes to the LTP require prior NRC approval, would be added to the license. The LTP will become a supplement to LACBWR's other decommissioning documents and will be implemented by the licensee to complete decommissioning activities at the LACBWR site. Once decommissioning is complete, a separate request will be made to the NRC by the licensee to terminate the LACBWR license.

The purpose of this letter is to provide the results of the NRC staff's initial administrative and acceptance review of the submittal. The acceptance review was performed to determine if there is sufficient technical information in scope and depth to allow the NRC staff to complete its detailed technical review. The acceptance review is also intended to identify whether the application has any readily apparent information insufficiencies in its characterization of the regulatory requirements or the licensing basis of the plant.

The NRC has reviewed your application and concluded that it does provide technical information in sufficient detail to enable the NRC to complete its detailed technical review and

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make an independent assessment regarding the acceptability of this request in terms of regulatory requirements and the protection of public health and safety and the environment. Given the lesser scope and depth of the acceptance review as compared to the detailed technical review, there may be instances in which issues that impact the NRC's ability to complete the detailed technical review are identified despite completion of an adequate acceptance review. If additional information is needed to address these areas, you will be advised by separate correspondence.

If you have any questions, please contact Marlayna Vaaler, the LACBWR Project Manager, at (301) 415-3178 or via e-mail at marlayna.vaaler@nrc.gov.

Sincerely,

/RA/

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

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

cc: La Crosse Boiling Water
Reactor Service List

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If you have any questions, please contact Marlayna Vaaler, the LACBWR Project Manager, at (301) 415-3178 or via e-mail at marlayna.vaaler@nrc.gov.

Sincerely,

/RA/

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

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

cc: La Crosse Boiling Water
Reactor Service List

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ADAMS Accession No. ML16287A526

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