



May 31, 2018

LC-2018-0038

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

La Crosse Boiling Water Reactor
Facility Operating License No. DPR-45
NRC Docket Nos. 50-409 and 72-046

Subject: License Termination Plan Request for Additional Information

References:

- 1) Gerard van Noordennen, LaCrosseSolutions, Letter to U.S. Nuclear Regulatory Commission, "License Amendment Request for the License Termination Plan," dated June 27, 2016
- 2) Gerard van Noordennen, LaCrosseSolutions, Letter to U.S. Nuclear Regulatory Commission, "License Termination Plan Update," dated December 1, 2016
- 3) Bruce Watson, U.S. Nuclear Regulatory Commission, Letter to John Sauger, EnergySolutions, "La Crosse Boiling Water Reactor-Request for Additional Information Regarding the LaCrosse Solutions License Termination Plan and Associated Conforming License Amendment," dated August 4, 2017

The La Crosse Boiling Water Reactor (LACBWR) License Termination Plan (LTP) was submitted to the U.S. Nuclear Regulatory Commission (NRC) for review on June 27, 2016 as documented in Reference 1. Following preliminary review and comments received during a public meeting held between NRC staff and LaCrosseSolutions representatives on October 20, 2016, an update to the LTP was submitted to the NRC on December 1, 2016 as documented in Reference 2. A Request for Additional Information (RAI) was received from the NRC on August 4, 2017 as documented in Reference 3.

Responses to the issues identified in the referenced RAI are provided in Enclosure 1. Supporting documents are provided in Enclosure 2. Enclosure 3 contains a preflight report for Enclosures 1 and 2.

LTP Revision 1 incorporates the RAI responses and will be provided in a separate correspondence.

There are no regulatory commitments contained in this letter. If you have any questions regarding this letter, please contact me at (860) 462-9707.

Respectfully,

Gerard van Noordennen
Vice President Regulatory Affairs

Enclosures:

- Enclosure 1: RAI Responses
- Enclosure 2: Supporting Documentation on CD
- Enclosure 3: Preflight Report for Enclosures 1 and 2 to this submittal

cc: Marlayna Vaaler, U.S. NRC Project Manager
Regional Administrator, U.S. NRC Region III
Service List (Cover Letter, no enclosures)

NM5526
NM55

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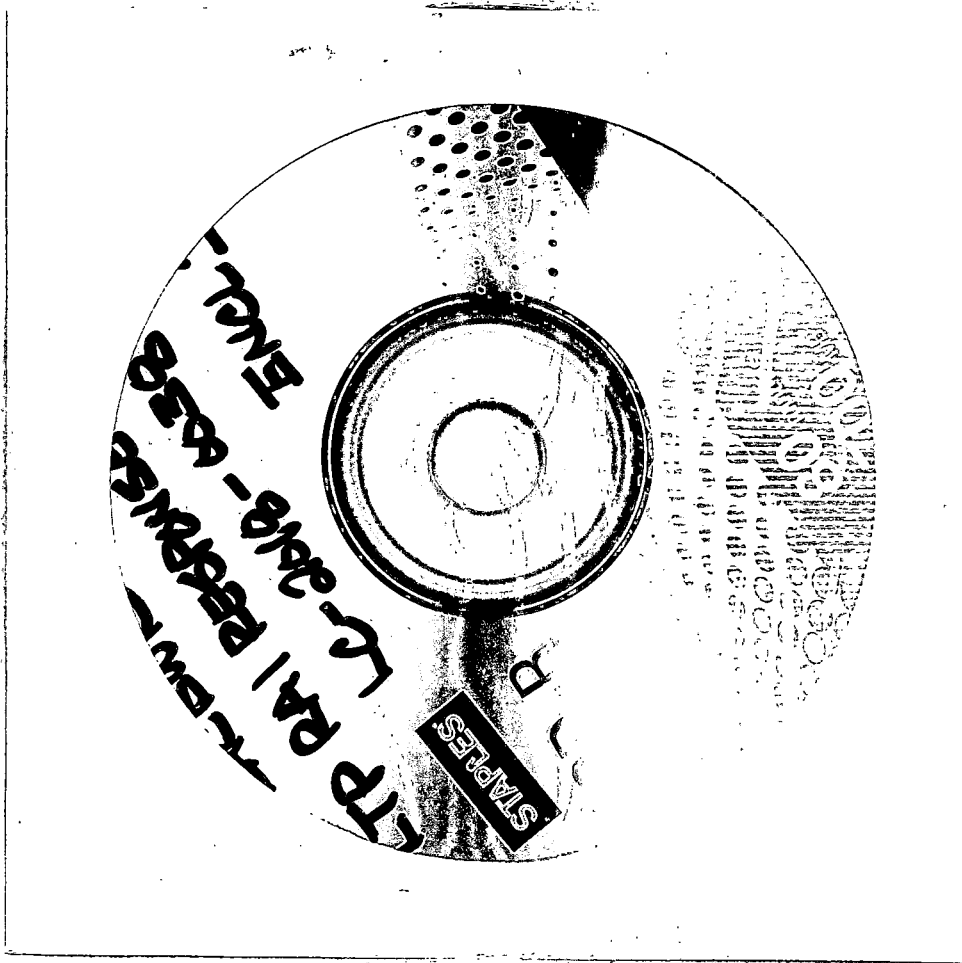
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ENCLOSURE 1

RAI Responses



ENCLOSURE 2

RAI Supporting Documentation



ENCLOSURE 3
Preflight Report
For
Enclosures 1 and 2

This document serves as preflight report for Enclosure 1 and 2 to the letter LC-2018-0038. The following files do not pass pre-flight criteria or do not meet NRC criteria, but text is word searchable with clarity/legibility of high quality.

Document Name	File Name	Preflight Status	Reason
ENCLOSURE 1: RAI RESPONSES			
LACBWR LTP RAI Responses	LACBWR RAI Full Response 05312018	Failed	Document contains logos, graphics, and charts < 300 ppi, clear and legible
ENCLOSURE 2: SUPPORTING DOCUMENTATION ON CD			
RS-TD-313196-004, LACBWR Soil DCGL, Basement Concrete DCGL, and Buried Pipe DCGL, Revision 4 and Support Files			
RS-TD-313196-004, LACBWR Soil DCGL, Basement Concrete DCGL, and Buried Pipe DCGL, Revision 4	RS-TD-313196-004 Rev 4	Failed	Document contains scanned document (unembedded fonts), logos, graphics, and signatures < 300 ppi, clear and legible
	LACBWR Buried Pipe Circ Excavation DSR 052618	Passed	
	LACBWR Buried Pipe Circ Insitu DSR 052618	Passed	
	LACBWR Buried Pipe Group Excavation DSR 052618	Passed	
	LACBWR Buried Pipe Group Insitu DSR 052618	Passed	
	LACBWR Soil DCGL Initial Suite RESRAD Summary Report 052618	Passed	
	LACBWR Soil UA Cm-243 043018	Passed	
	LACBWR Soil UA Cm-244 043018	Passed	
Calculations in Support of TSD RS-TD-313196-004 Rev 4	Calculations in Support of TSD RS-TD-313196-004 Rev 4	N/A	Excel File - Calculations

Document Name	File Name	Preflight Status	Reason
LACBWR FSS Survey, Unit L1-010-101C	FSS Plan 101C I	Failed	Document contains scanned document (unembedded fonts), logos, graphics, and signatures < 300 ppi, clear and legible
LACBWR FSS Survey, Unit L1-010-101C	FSS Plan 101C II	Failed	Document contains scanned document (unembedded fonts), logos, graphics, and signatures < 300 ppi, clear and legible
LACBWR FSS Survey, Unit L1-010-101C	FSS Plan 101C III	Failed	Document contains scanned document (unembedded fonts), logos, graphics, and signatures < 300 ppi, clear and legible
FSS Unit: L1-010-101C Waste Treatment Building Subsoil Excavation	FSS Plan 101C IIII WTB Analysis 01052018	N/A	Excel File – Data/Analysis
	G3 Barrow RA	Failed	Document contains scanned document (unembedded fonts), logos, graphics, and signatures < 300 ppi, clear and legible
Certificate of Analysis Report ENRG070 LaCrosseSolutions, LLC (672583) Client SDG: 427522 GEL Work Order: 427522	G3 Barrow Results I	Failed	Document contains scanned document (unembedded fonts), logos, graphics, and signatures < 300 ppi, clear and legible
Gamma Spectrum Analysis	G3 Barrow Results II	Failed	Document contains scanned document (unembedded fonts), logos, graphics, and signatures < 300 ppi, clear and legible
	L1-SUB-CDR FSS Plan	Failed	Document contains scanned document (unembedded fonts), logos, graphics, and signatures < 300 ppi, clear and legible
	L1-SUB-TDS (102) HTD CoC	Failed	Document contains scanned document (unembedded fonts), logos, graphics, and signatures < 300 ppi, clear and legible
	L1-SUB-TDS FSS Map	Failed	Document contains scanned document (unembedded fonts) < 300 ppi, clear and legible

Document Name	File Name	Preflight Status	Reason
	L1-SUB-TDS HTD Analyses	Failed	Document contains scanned document (unembedded fonts) < 300 ppi, clear and legible
	L1-SUB-TDS Plan	Failed	Document contains scanned document (unembedded fonts), logos, graphics, and signatures < 300 ppi, clear and legible
Gamma Spectrum Analysis	L2103 Sloping RA Gamma Spec	Failed	Document contains scanned document (unembedded fonts), logos, graphics, and signatures < 300 ppi, clear and legible
	L2103 Sloping RA Plan	Failed	Document contains scanned document (unembedded fonts), logos, graphics, and signatures < 300 ppi, clear and legible
	LACBWR Impingement and Entrainment of Fishes	Failed	Document contains scanned document (unembedded fonts) < 300 ppi, clear and legible
LC-FS-TSD-002 Operational Derived Concentration Guideline Levels For Final Status Survey	LC_FS_TSD_002 Rev 2 OP DCGLs FOR FSS	Failed	Document contains scanned document (unembedded fonts), logos, graphics, and signatures < 300 ppi, clear and legible
LC-FS-PN-002 Characterization Survey Plan	LC-FS-PN-002 Rev 0_Characterization Survey Plan	Failed	Document contains scanned document (unembedded fonts), logos, graphics, and signatures < 300 ppi, clear and legible
LC-FS-PR-003 Radiological Assessments and Remedial Action Support Surveys (RASS)	LC-FS-PR-003 Rev 2 Radiological Assessments RASS FINAL 01262018	Failed	Document contains scanned document (unembedded fonts), logos, graphics, and signatures < 300 ppi, clear and legible
LC-FS-TSD-001 Use of ISOCS for FSS of End State Sub Structures at LACBWR	LC-FS-TSD-001 Rev 0	Failed	Document contains scanned document (unembedded fonts), logos, graphics, and signatures < 300 ppi, clear and legible
Endangered Resources Review (ERR Log # 16-648) Proposed Dairyland LACBWR Plant Demolition, Vernon County, WI (T13N R07W S32)	LTR WDNR Endangered Resources Review LACBWR Plant Demolition	Failed	Document contains scanned document (unembedded fonts), logos, graphics, and signatures < 300 ppi, clear and legible

Document Name	File Name	Preflight Status	Reason
Mussel Survey for a Proposed Fleeting Site Mississippi River Pool 9 near Genoa, Wisconsin 11151999	Mussel Survey Fleeting Site Mississippi River Pool 9	Failed	Document contains scanned document (unembedded fonts), logos, graphics, and signatures < 300 ppi, clear and legible
	Pedretti Barrow Pit RA Plan	Failed	Document contains scanned document (unembedded fonts) < 300 ppi, clear and legible
	Pedretti Barrow Pit Results I	Failed	Document contains scanned document (unembedded fonts) < 300 ppi, clear and legible
	Pedretti Barrow Pit Results II	Failed	Document contains scanned document (unembedded fonts) < 300 ppi, clear and legible
RS-TD-313196-001 Radionuclides of Concern During LACBWR Decommissioning	RS-TD-313196-001 Rev 5	Failed	Document contains scanned document (unembedded fonts), logos, graphics, and signatures < 300 ppi, clear and legible
RS-TD-313196-004 LACBWR Soil DCGL, Basement Concrete DCGL, and Buried Pipe DCGL	RS-TD-313196-004 Rev 4	Failed	Document contains scanned document (unembedded fonts), logos, graphics, and signatures < 300 ppi, clear and legible
	Sample Plan B1-010-04A_WGTV	Failed	Document contains scanned document (unembedded fonts) < 300 ppi, clear and legible
	Sample Plan L2-SUB-WRS-A-Warehouse RA	Failed	Document contains scanned document (unembedded fonts) < 300 ppi, clear and legible
	Turbine Building Drains III	Failed	Document contains scanned document (unembedded fonts) < 300 ppi, clear and legible
	Turbine Building Drains IV	Failed	Document contains scanned document (unembedded fonts) < 300 ppi, clear and legible

Document Name	File Name	Preflight Status	Reason
	Warehouse HTDs	Failed	Document contains scanned document (unembedded fonts), logos, graphics, and signatures < 300 ppi, clear and legible
	Warehouse RA Gamma I	Failed	Document contains scanned document (unembedded fonts) < 300 ppi, clear and legible
	Warehouse RA Gamma II	Failed	Document contains scanned document (unembedded fonts) < 300 ppi, clear and legible
	Warehouse RA Gamma III	Failed	Document contains scanned document (unembedded fonts) < 300 ppi, clear and legible
	Warehouse RA Gamma IV	Failed	Document contains scanned document (unembedded fonts) < 300 ppi, clear and legible
	Warehouse RA Sample Map	Failed	Document contains scanned document (unembedded fonts) < 300 ppi, clear and legible