



10 CFR 50.59(d)(2)  
10 CFR 72.48 (d)(2)

January 31, 2020

LC-2020-005

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: La Crosse Boiling Water Reactor 10 CFR 50.59 / 10 CFR 72.48 Report of Changes, Tests, and Experiments

Dear Sir or Madam:

In accordance with 10 CFR 50.59(d)(2) and 10 CFR 72.48(d)(2), LaCrosseSolutions is providing a report summarizing the 10 CFR 50.59 and 10 CFR 72.48 evaluations of changes, tests, and experiments implemented during the period from December 31, 2017 to December 31, 2019. The attachment provides the biennial report.

No regulatory commitments are contained in this submittal. If there are any questions regarding this submittal, please contact me at (860) 462-9707.

Respectfully,

A handwritten signature in cursive script that reads "Gerard van Noordennen".

Gerard van Noordennen  
Senior Vice President Regulatory Affairs

Attachment:

10 CFR 50.59 and 10 CFR 72.48 Summary Report

cc: Marlayna Doell, U.S. NRC Project Manager  
La Crosse Boling Water Reactor Service List

IE47  
NMSS24  
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**La Crosse Boiling Water Reactor**  
**10 CFR 50.59 and 10 CFR 72.48 Summary Report**

## 10 CFR 50.59 and 10 CFR 72.48 Summary Report

### 10 CFR 50.59 Evaluations

**Change Number and Title:** 2018-001, Installation of two transfer tanks in the Temporary Liquid Waste System

**Description:** This activity moves the two mobile liquid waste transfer tanks, in the mobile liquid waste system, from inside the reactor building to outside the building. This activity allows for dismantlement of the reactor building.

**Summary:** Operation of the new liquid waste system maintains the requirements of the Offsite Dose Calculation Manual, and malfunctions of the system result in consequences that are bounded by the liquid waste accident described in the Defueled Safety Analysis Report. The conclusion of the evaluation was that the proposed activity could be implemented under 10 CFR 50.59 without requiring prior NRC review or approval.

**Change Number and Title:** 2019-003, Modify Temporary Liquid Waste System

**Description:** This activity removes the existing mobile tanks of the temporary liquid waste system and installs smaller tanks. This change provides the flexibility to move the system in the future and ultimately remove the system.

**Summary:** This change allows for the operation of the temporary liquid waste system using smaller tanks. The release limits have not changed such that there is no effect on the design bases or safety analysis. The malfunctions of the system result in consequences that are bounded by the liquid waste accident described in the Decommissioning Safety Analysis Report. The conclusion of the evaluation was that the proposed activity could be implemented under 10 CFR 50.59 without requiring prior NRC review or approval.

### 10 CFR 72.48 Evaluations

There were no 10 CFR 72.48 evaluations during the reporting period.