



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

February 1, 2018

LC-2018-0003

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 (LACBWR) 10 CFR 50.59 / 10 CFR 72.48 Report of Changes, Tests, and Experiments

References:

- 1) Barbara Nick, Dairyland Power Cooperative, Letter to U.S. Nuclear Regulatory Commission, "Descriptions of Changes, Tests, and Experiments," dated February 18, 2016
- 2) Marlayna Vaaler, U.S. Nuclear Regulatory Commission, Letter to Barbara Nick, Dairyland Power Cooperative, "Order Approving Transfer of License for the La Crosse Boiling Water Reactor from the Dairyland Power Cooperative to LaCrosseSolutions, LLC and Conforming Administrative License Amendment," dated May 20, 2016

In accordance with 10 CFR 50.59, "Changes, tests, and experiments," paragraph (d)(2), a report of changes tests, and experiments, including a summary of the 10 CFR 50.59 evaluation of each change is required to be submitted at intervals not to exceed 24 months. In Reference 1, the previous LACBWR 10 CFR 50.59 report was submitted. Attachment 1 contains a summary of 10 CFR 50.59 evaluations for this reporting period.

In accordance with 10 CFR 72.48, "Changes, tests, and experiments," paragraph (d)(2), a report of changes tests, and experiments, including a summary of the 10 CFR 72.48 evaluation of each change is required to be submitted at intervals not to exceed 24 months. In Reference 1, the previous LACBWR 10 CFR 72.48 report was submitted. No 72.48 evaluations have been performed for this reporting period.

If there are any questions regarding this submittal, please contact me at (860) 462-9707.

Respectfully,

for 
Gerard van Noordennen
Vice President Regulatory Affairs

Attachments:

- 1) 10 CFR 50.59 Summary Report

cc: Marlayna Vaaler, U.S. NRC Project Manager
Service List

S4601 State Highway 35, Genoa, WI 54632

IE47
NM5526
NM55

La Crosse Boiling Water Reactor Service List

cc:

Ken Robuck
Group President Disposal and
Decommissioning
EnergySolutions
299 South Main Street, Suite 1700
Salt Lake City, UT 84111

John Sauger
Executive VP and Chief Nuclear Officer
Reactor D & D
EnergySolutions
2701 Deborah Avenue
Zion, IL 60099

Gerard van Noordennen
VP Regulatory Affairs
EnergySolutions
2701 Deborah Avenue
Zion, IL 60099

Joseph Nowak
General Manager
LaCrosseSolutions
S4601 State Highway 35
Genoa, WI 54632-8846

Dan Shrum
Senior VP Regulatory Affairs
EnergySolutions
299 South Main Street, Suite 1700
Salt Lake City, UT 84111

Russ Workman
General Counsel
EnergySolutions
299 South Main Street, Suite 1700
Salt Lake City, UT 84111

Jerome Pedretti, Clerk
Town of Genoa
E860 Mundsack Road
Genoa, WI 54632

Regional Administrator
U.S. NRC, Region III
2443 Warrenville Road
Lisle, IL 60532-4352

Jeffery Kitsembel
Division of Energy Regulation
Wisconsin Public Service Commission
P.O. Box 7854
Madison, WI 53707-7854

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

Barbara Nick
President and CEO
Dairyland Power Cooperative
3200 East Avenue South,
La Crosse, WI 54602-0817

Cheryl Olson, ISFSI Manager
La Crosse Boiling Water Reactor
Dairyland Power Cooperative
S4601 State Highway 35
P.O. Box 817
Genoa, WI 54632-8846

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

Thomas Zarembo
Wheeler, Van Sickle and Anderson, S.C.
44 East Mifflin Street, Suite 1000
Madison, WI 53703

John E. Matthews
Morgan, Lewis & Bockius LLP
1111 Pennsylvania Avenue, NW
Washington, DC 20004

ATTACHMENT 1

La Crosse Boiling Water Reactor 10 CFR 50.59 Summary Report

Change Number and Title: 2017-02, Revision 0, Temporary Liquid Waste System

Description: This activity installs a mobile temporary liquid waste system to process waste water from potentially radioactive contaminated areas at the LACBWR facility.

Summary: Operation of the temporary liquid waste system maintains the requirements of the Offsite Dose Calculation Manual. An evaluation has concluded malfunctions of the system result in consequences that are bounded by the liquid waste accident described in Chapter 4 of the Decommissioning Plan and Post-Shutdown Decommissioning Activities Report which is the site Safety Analysis Report equivalent document.

Change Number and Title: 2017-04, Revision 0, Temporary Airborne Effluent Monitoring System

Description: This activity removes the discussion of the Post Accident Sampling System and the ventilation stack from the Decommissioning Plan and Post-Shutdown Decommissioning Activities Report as these systems are no longer required. To replace the previous airborne monitoring systems, portable air sampling will be established in applicable areas where the potential for airborne releases due to decommissioning activities will occur.

Summary: Operation of portable airborne samplers maintains the requirements of the Offsite Dose Calculation Manual and Decommissioning Plan and Post-Shutdown Decommissioning Activities Report. The consequences of remaining postulated airborne events continue to be bounded by the airborne release accident described in Chapter 4 of the Decommissioning Plan and Post-Shutdown Decommissioning Activities Report which is the site Safety Analysis Report equivalent document.