



DAIRYLAND POWER
COOPERATIVE

March 8, 2021
LAC-14469

10 CFR 50.4
10CFR 50.54(q)
10 CFR 50.90

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

SUBJECT: Dairyland Power Cooperative (DPC)
La Crosse Boiling Reactor (LACBWR)
DOCKET NO. 50-409 and 72-046
Possession-Only License DPR-45
License Amendment Request for Proposed Revision to La Crosse Boiling Water
Reactor Independent Spent Fuel Storage Installation Emergency Plan

- REFERENCES: 1) Letter, NRC to DPC dated July 31, 2013, La Crosse Boiling Water Reactor – Issuance of Exemption from Certain Emergency Planning Requirements
- 2) Letter, NRC to DPC dated September 8, 2014, Issuance of Amendment Related to the Dairyland Power Cooperative La Crosse Boiling Water Reactor Request for Changes to the Emergency Planning Requirements (Revision 34)
- 3) Letter, NRC to DPC dated July 8, 1988, Approval of Emergency Plan (Revision 10)

Pursuant to 10 CFR 50.54(q)(4) and 10 CFR 50.4(b)(5), DPC hereby submits a proposed change to the La Crosse Boiling Water Reactor (LACBWR) Independent Spent Fuel Storage Installation (ISFSI) Emergency Plan (E-plan). As required by 10 CFR 50.54(q)(4), DPC requests an amendment to the facility operating license listed above in accordance with 10 CFR 50.90. The State of Wisconsin is also being notified, with a copy of this application, as required by 10 CFR 50.91(b)(1).

Enclosed is the proposed revision 40 of the LACBWR ISFSI Emergency Plan. These changes have been determined to decrease the effectiveness of the Emergency Plan in accordance with requirements of 10 CFR 50.54(q) and require prior NRC approval.

The major changes, requiring NRC approval, are made to adopt changes implemented by NAC-MPC Amendment No. 7 to 10 CFR 72 Certificate of Compliance (CoC) 1025 and NAC-MPC FSAR Revision 12, removing the requirement for the Post Event ISFSI Surveillance.

Additional changes requiring NRC approval:

- The ISFSI Emergency Action Levels (EALs) were enhanced by providing the ability to classify the emergency, in an effective and timely manner without entering the ISFSI protected area.

AX 45
NMSS26
NMSS

- The annual frequency to perform a Medical Drill was removed. The revised Medical Drill frequency will be based upon Gundersen Health System's community-based risk assessment, emergency plan and compliance with 42 CFR 482.15, "Condition of participation: Emergency preparedness".
- Enclosure 1 lists additional changes requiring NRC approval.

The proposed change has been reviewed considering the requirements of 10 CFR 50.54(q), the planning standards of 10 CFR 50.47(b), 10 CFR 50 Appendix E, and the Emergency Plan. The above changes and changes identified in Enclosure 1 have been determined to decrease the effectiveness of the Emergency Plan and require NRC approval.

The entire E-plan (Enclosure 2) has been revised, including other changes not requiring NRC approval. The changes with do not require NRC approval are provided as "information only". The proposed E-plan is scheduled to be issued as Revision 40.

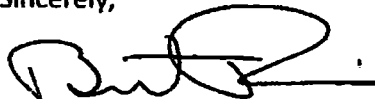
Enclosure 1 to this letter provides a description of the changes, the reason for the proposed change, and the basis for concluding that the proposed change continues to meet the requirements of 10 CFR Part 50 Appendix E and the planning standards of 10 CFR 50.47(b)¹. Enclosure 2 provides the revised Emergency Plan reflecting the proposed changes. Enclosure 3 provides a calculation specific to LACBWR ISFSI which supports the EAL proposed threshold value.

The Emergency Plan (Enclosure 2) is identified as 10 CFR 2.390(d). DPC requests that the NRC withhold Enclosure 2 from public disclosure pursuant to 10 CFR 2.390(d), as described in RIS 2005-031 revision 1.

DPC requests approval of the proposed changes to the Emergency Plan within 12 months, with the amendment being implemented within 60 days of issuance of the amendment. The Emergency Plan revision has been through a technical review and executive level approval for submittal to the NRC.

If you have any questions concerning this revision, please call Cheryl Olson, ISFSI Manager at (608) 689-4207.

Sincerely,



Brent Ridge
President and Chief Executive Officer (Chief Nuclear Officer)

Footnote 1: Included previously approved exemptions

Document Control Desk
LAC-14469
Page 3
March 8, 2021

JE:CLO:tco

- Enclosures: 1) Description and Evaluation of Changes
2) LACBWR ISFSI Emergency Plan, Revision 40
3) Dairyland Power Cooperative Calculation 2013-03604, "Dose Rates from Postulated Damage to an ISFSI Cask", S&L Project # 08785-093
4) Gundersen Health System and Tri-State Ambulance Concurrence to Contaminated Medical Emergency Drill Frequency Change
5) Redline version of Emergency Plan pages requiring NRC approval

Cc w/Enclosures: Marlayna Doell
Project Manager
U.S. Nuclear Regulatory Commission

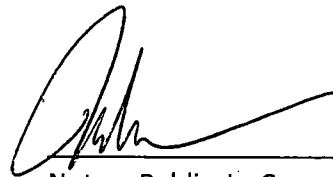
John Giessner
Regional Administrator, Region III
U.S. Nuclear Regulatory Commission

Paul Schmidt
Manager, Radiation Protection Section
State of Wisconsin

STATE OF WISCONSIN)
)
COUNTY OF LA CROSSE)

Personally, came before me this 16th day of MARCH, 2021, the above named, Brent Ridge, to me known to be the person who executed the foregoing instrument and acknowledged the same.

MICHAEL A. LYDON
Notary Public
State of Wisconsin



Notary Public, La Crosse County Wisconsin

My commission expires JAN 8, 2025