

April 6, 2011

Mr. W. L. Berg
President and Chief Executive Officer
Dairyland Power Cooperative
3200 East Avenue South
P.O. Box 817
La Crosse, WI 54602-0817

SUBJECT: AMENDMENT NO. 71 TO POSSESSION ONLY LICENSE NO. DPR-45 -
DAIRYLAND POWER COOPERATIVE, LA CROSSE BOILING WATER
REACTOR (TAC NO. J00359) (LAC-14071, LAC-14117)

Dear Mr. Berg:

The U.S. Nuclear Regulatory Commission issued Amendment No. 71 to Possession Only License No. DPR-45 for the La Crosse Boiling Water Reactor on January 25, 2011. Subsequent to the issuance of the amendment a typographical error was identified on Technical Specification pages 2-1 and 4/5-2. Corrected pages are enclosed.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice for Domestic Licensing Proceedings and Issuance of Orders," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of NRC's ADAMS. ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,

/RA/

John B. Hickman, Project Manager
Reactor Decommissioning Branch
Decommissioning and Uranium Recovery
Licensing Directorate
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

Docket No.: 50-409
License No.: DPR-45

Enclosure: TS Page 2-1 and 4/5-2

cc: La Crosse Boiling Water Reactor Service List

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2. DESIGN FEATURES

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2.1 SITE

EXCLUSION AREA

2.1.1 The exclusion area shall be as described in the Off-Site Dose Calculation Manual.

2.2 FUEL STORAGE WHILE IN THE FUEL ELEMENT STORAGE WELL

CRITICALITY

2.2.1 The spent fuel storage racks are designed with a nominal 7.0 inch center-to-center distance between fuel assemblies in each individual rack assembly, with a boron impregnated poison plate between adjacent storage locations to ensure K_{eff} of ≤ 0.95 when flooded with unborated water.

FUEL RESTRICTIONS

2.2.2 Fuel stored in the storage well is restricted to fuel with stainless steel cladding which has a U-235 loading of ≤ 22.6 grams per axial centimeter of fuel assembly.

DRAINAGE

2.2.3 The Fuel Element Storage Well is designed and shall be maintained to prevent an inadvertent draining of the well below elevation of 679 feet MSL while spent fuel assemblies are in the Fuel Element Storage Well.

CAPACITY

2.2.4 The Fuel Element Storage Well was designed for a storage capacity of no more than 440 fuel assemblies. The maximum number of fuel assemblies stored in the Fuel Element Storage Well is limited to 333 spent fuel assemblies.

FUEL STORAGE AND HANDLING

4.1.2 FUEL ELEMENT STORAGE WELL AND CASK POOL

LIMITING CONDITION FOR OPERATION

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Note

This LCO does not apply to the cask pool if the spent fuel storage canister lid is in place in the canister or if there are no spent fuel assemblies in the cask pool.

The Fuel Element Storage Well (FESW) and cask pool shall meet the following requirements.

- a. The Fuel Element Storage Well and cask pool water level shall be at least 11 feet, 6½ inches above any spent fuel assembly stored in the spent fuel storage racks or in a spent fuel storage canister in the cask pool, and
- b. Water in the storage well and cask pool shall be maintained at a temperature $\leq 150^{\circ}\text{F}$.

APPLICABILITY: While spent fuel assemblies are in the FESW or the cask pool.

ACTIONS

- a. With water level less than required by the LCO, take immediate action to restore water level and suspend all operations involving FUEL HANDLING.
- b. With water temperature in the storage well or cask pool above 150°F , take actions to reduce water temperature to $\leq 150^{\circ}\text{F}$ within 24 hours and suspend all operations involving FUEL HANDLING.

SURVEILLANCE REQUIREMENTS

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Note

SR 5.1.2.1 and 5.1.2.2 do not apply to the cask pool if the spent fuel storage canister lid is in place in the canister or if there are no spent fuel assemblies in the cask pool.

5.1.2.1 The Fuel Element Storage Well and cask pool water level and temperature shall be verified at least once per 12 hours.

5.1.2.2 The Fuel Element Storage Well and cask pool water level indication channel shall be calibrated (CHANNEL CALIBRATION) at least once per 18 months.

La Crosse Boiling Water Reactor Service List

Mr. Thomas Zaremba
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Electric Division
Wisconsin Public Service Commission
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Madison, WI 53707-7854

Mr. 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
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Mr. Michael A. Brasel, Plant Manager
La Crosse Boiling Water Reactor
Dairyland Power Cooperative
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Genoa, WI 54632-8846

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