

October 2, 2013

MEMORANDUM TO: Biweekly Notice Coordinator

FROM: Bruce Watson, Chief **/RA/**
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

SUBJECT: REQUEST FOR PUBLICATION IN BIWEEKLY FR NOTICE - NOTICE
OF CONSIDERATION OF ISSUANCE OF AMENDMENT TO FACILITY
OPERATING LICENSE, PROPOSED NO SIGNIFICANT HAZARDS
CONSIDERATION DETERMINATION, AND OPPORTUNITY FOR A
HEARING

Dairyland Power Cooperative, Docket Nos. 50-409 and 72-046, La Crosse Boiling Water
Reactor (LACBWR), La Crosse County, Wisconsin

Date of amendment request: August 6, 2013

Description of amendment request: The proposed amendment would change the LaCrosse Boiling Water Reactor (LACBWR) Emergency Plan. Dairyland Power Cooperative (DPC) proposes removal of the various emergency actions related to the former spent fuel pool, the transfer of responsibility for implementing the Emergency Plan to the Security Shift Supervisors at the ISFSI, a revised emergency plan organization, removal of the fire brigade, and abandonment of the Control Room consistent with the current state of decommissioning.

Basis for proposed no significant hazards consideration determination: As required by 10 CFR 50.91(a), the licensee has provided its analysis of the issue of no significant hazards consideration, which is presented below:

- (1) Does the proposed amendment involve a significant increase in the probability or consequences of an accident previously evaluated?

No.

DPC has in effect an NRC-approved E-Plan. There are no longer credible events that would result in doses to the public beyond the owner controlled area boundary that would exceed the EPA PAGs. LACBWR was shutdown 25 years ago. Emergency Planning Zones beyond the owner controlled area and the associated protective actions are no longer required. No headquarters personnel, personnel involved in off-site dose projections, or personnel with special qualifications are required to augment the LACBWR Emergency Response Organization. The credible events for the ISFSI remain unchanged. The indications of damage to a loaded cask confinement boundary have been revised to be twice the technical specification limit for contact dose. This change is consistent with industry practices previously approved by the NRC for other ISFSIs to be able to distinguish that a degraded condition exists.

Therefore, the proposed change does not involve a significant increase in the probability or consequences of an accident previously evaluated.

- (2) Does the proposed amendment create the possibility of a new or different kind of accident from any accident previously evaluated?

No.

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Therefore, the proposed change does not create the possibility of a new or different kind of accident from any previously evaluated.

- (3) Does the proposed amendment involve a significant reduction in a margin of safety?

No.

Margin of safety is related to the ability of the fission product barriers (fuel cladding, reactor coolant system, and primary containment) to perform their design functions during and following postulated accidents. DPC has in effect an NRC-approved E-Plan.

There are no longer credible events that would result in doses to the public beyond the owner controlled area boundary that would exceed the EPA PAGs. LACBWR was shutdown 25 years ago. Emergency Planning Zones beyond the owner controlled area and the associated protective actions are no longer required. No headquarters personnel, personnel involved in offsite dose projections, or personnel with special qualifications are required to augment the LACBWR Emergency Response Organization. The advanced state of decommissioning is reflected in the updated and revised ODCM which shows that there are no longer any events at the former plant that could exceed the EPA PAGs for dose to a member of the public.

Therefore, the proposed change does not involve a significant reduction in a margin of safety.

The NRC staff has reviewed the licensee's analysis and, based on this review, it appears that the three standards of 10 CFR 50.92(c) are satisfied. Therefore, the NRC staff proposes to determine that the amendment request involves no significant hazards consideration.

Attorney for licensee: Mr. Thomas Zaremba, Wheeler, Van Sickle and Anderson, Suite 801,
25 West Main Street, Madison, WI 53703-3398

NRC Branch Chief: Bruce Watson

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