

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

PUBLIC NOTICE OF INTENT TO REISSUE A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No. WI-0000957-09-0

Permittee: NextEra Energy Point Beach LLC, 6610 Nuclear Road, Two Rivers, WI, 54241

Facility Where Discharge Occurs: NextEra Energy Point Beach LLC, 6610 Nuclear Road

Receiving Water And Location: Lake Michigan, Two Rivers

Brief Facility Description and Summary of Proposed Changes: NextEra Energy Point Beach LLC is a nuclear-fueled steam electric power generating plant consisting of two nuclear powered steam supply units which drive two turbine generators rated at 630 megawatts each. An average flow of 920 million gallons per day of wastewater is discharged into Lake Michigan. It consists primarily of once through noncontact cooling water from generating units 1 and 2. Combined with the cooling water discharge are other wastewater sources including intake water screen backwash, miscellaneous equipment cooling, steam generator blowdown, primary coolant letdown, reverse osmosis reject water, floor drains, and fire protection water. Sanitary wastewater from the buildings is treated onsite and then combined with low volume wastewater effluent prior to discharge. Applicable categorical standards are applied at internal sample points. The wastewater sources listed above are combined with condenser cooling water and either discharged via Outfalls 001, 002, or both. The permit also includes an outfall for a deicing line for the water intake crib (Outfall 004).

Permit Drafter's Name, Address, Phone and Email: Amanda Perdsock, DNR, 101 S. Webster St. PO Box 7921, Madison, WI, 53707, (608) 267-7635, Amanda.Perdsock@wisconsin.gov

Basin Engineer's Name, Address, Phone and Email: Trevor Moen, 625 E County Road Y, Suite 700, Oshkosh, WI 54901, (920) 410-5192, Trevor.Moen@wisconsin.gov

The Department has tentatively decided that the above-specified WPDES permit should be reissued.

Proposed Alternative Effluent Limit for Temperature: The Department has determined that water quality-based effluent limitations (WQBELs) for temperature are needed in this permit to assure attainment and maintenance of thermal water quality standards. The WQBELs for this permittee are outlined in the Fact Sheet for this permit issuance. As allowed under NR 106 Subchapter VI, Wis. Adm. Code, the permittee has requested an alternative effluent limit (AEL) for temperature. In support of this request, the permittee has submitted a demonstration that the WQBELs for temperature are more stringent than necessary to assure protection and propagation of shellfish, fish and wildlife in and on the body of water into which the discharge is made. The Department concurs with the demonstration based on the information submitted and proposes to establish an AEL as follows: Heat, 8273 MBTU/hr, Weekly Average. Effluent monitoring requirements are included at the frequency described in this permit. All data submitted by the permittee are available for public inspection at either the above-named permit drafter's office or the above-named basin engineer's office. Any interested person may comment upon the proposed AEL(s) for Temperature.

Persons wishing to comment on or object to the proposed permit action, or to request a public hearing, may write to the Department of Natural Resources at the above-named permit drafter's address. All comments or suggestions received no later than 30 days after the publication date of this public notice will be considered along with other information on file in making a final decision regarding the permit. Anyone providing comments in response to this public notice will receive a notification of the Department's final decision when the permit is issued. Where designated as a reviewable surface water discharge permit, the U.S. Environmental Protection Agency is allowed up to 90 days to submit comments or objections regarding this permit determination. If no comments are received on the proposed permit from anyone, including U.S. EPA, the permit will be issued as proposed.

The Department may schedule a public informational hearing if requested by any person and shall schedule a public informational hearing if a petition requesting a hearing is received from 5 or more persons or if response to this notice indicates significant public interest pursuant to s. 283.49, Wis. Stats. Requests for a public informational hearing shall state the following: the name and address of the person(s) requesting the hearing; the interest in the proposed permit of the person(s) requesting the hearing; the reasons for the request; and the issues proposed to be considered at the hearing.

Information on file for this permit action, including the draft permit, fact sheet and permit application, may be inspected and copied at either the above-named permit drafter's office or the above named basin engineer's office, Monday through Friday (except holidays), between 9:00 a.m. and 3:30 p.m. Please call the permit drafter or basin engineer for directions to their office location, if necessary. Information on this permit action may also be obtained by calling the permit drafter at (608) 267-7635 or by writing to the Department. Reasonable costs (15 cents per page for copies and 7 cents per page for scanning) will be charged for information in the file other than the public notice, permit and fact sheet. Permit information is also available on the internet at:

<http://dnr.wi.gov/topic/wastewater/PublicNotices.html>. Pursuant to the Americans with Disabilities Act, reasonable

accommodation, including the provision of informational material in an alternative format, will be made to qualified individuals upon request.

NAME OF PUBLISHING NEWSPAPER: Herald Times Reporter

ADDRESS OF PUBLISHING NEWSPAPER: 902 Franklin St., Manitowoc, WI 54220-4514

Date Notice Issued: Monday, April 1, 2024