



NRC NEWS

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Office of Public Affairs Telephone: 301/415-8200

Washington, D.C. 20555-0001

E-mail: opa.resource@nrc.gov

Site: <http://www.nrc.gov>

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NRC ISSUES FINAL SAFETY EVALUATION REPORT FOR KEWAUNEE NUCLEAR POWER PLANT LICENSE RENEWAL

The Nuclear Regulatory Commission has issued its final safety evaluation report (SER) for the proposed renewal of the operating license for the Kewaunee Power Station and concluded there are no open items that would preclude license renewal for an additional 20 years of operation.

The report documents the results of the NRC staff's review of the license renewal application and site audits of the plant's aging management programs to address the safety of plant operations during the period of extended operation. Overall, the results show the applicant has identified actions that have been or will be taken to manage the effects of aging in the appropriate safety systems, structures and components of the plant, and that their functions will be maintained during the period of extended operation.

Kewaunee Power Station is a pressurized-water reactor located 27 miles east-southeast of Green Bay, Wis. The current operating license expires Dec. 21, 2013. Dominion Energy Kewaunee, Inc., submitted an application to the NRC on Aug. 14, 2008, to extend the Kewaunee Power Station license by 20 years.

Issuing the final SER is a significant milestone in the license renewal review process. This process proceeds along two tracks – one for review of safety issues and another for environmental issues. The SER documents the NRC staff's safety review, and is published, subsequently reviewed and publicly discussed by the agency's Advisory Committee on Reactor Safeguards (ACRS). The staff has completed its review of the environmental part of the Kewaunee plant's license renewal application. Both the safety and environmental reviews must be completed before a final decision is made on the renewal.

The SER and the license renewal application have been provided to the ACRS, an independent body of experts that advises the Commission on reactor safety matters. The ACRS will discuss the SER during its December meeting, details of which will be posted on the NRC website at: <http://www.nrc.gov/reading-rm/doc-collections/acrs/agenda/2010/>. The ACRS will later issue a letter discussing the results of its review.

In a letter dated Nov. 5, Brian Holian, director of the Office of Nuclear Reactor Regulation's Division of License Renewal, provided Dominion Energy Kewaunee with the SER.

The SER will be viewed on the NRC's website through ADAMS online documents system at <http://www.nrc.gov/reading-rm/adams/web-based.html> by entering accession number ML103090024 in the search window. Help in using ADAMS is available by contacting the NRC's Public Document Room at 1-800-397-4209 or 301-415-4737, or by e-mail at pdr.resource@nrc.gov.

Documents related to Kewaunee Power Station are also located at the Kewaunee Public Library, 822 Juneau Street, Kewaunee, Wis.

Additional information concerning license renewal in general and the Kewaunee application in particular can be found at: <http://www.nrc.gov/reading-rm/doc-collections/factsheets/license-renewal-bg.html> and <http://www.nrc.gov/reactors/operating/licensing/renewal/applications/kewaunee.html> respectively.

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