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NRC Issues Final Safety Evaluation Report for Callaway Nuclear Power Plant License Renewal Application

The Nuclear Regulatory Commission staff has issued its final safety evaluation report (SER) for the proposed renewal of the operating license for the Callaway nuclear power plant in Fulton, Mo. The report concluded there are no technical issues to preclude license renewal for an additional 20 years of operation.

Callaway is a pressurized water reactor located approximately 25 miles northeast of Jefferson City. Union Electric Co. submitted an application in December 2011 to renew the license for an additional 20 years, through Oct. 18, 2044.

The SER documents the results of the NRC staff's review of the license renewal application and site audit of Callaway's aging-management programs to address the safety of plant operations during the period of extended operation. Overall, the results show that Union Electric has identified actions to manage the effects of aging in the appropriate systems, structures and components of the plant, and that their functions will be maintained during the period of extended operation.

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 staff published a draft supplemental environmental impact statement for public comment in February. The final SEIS is expected to be published in November.

The SER and the license renewal application have been provided to the Advisory Committee on Reactor Safeguards, an independent body of experts that advises the Commission on reactor safety matters. The committee is scheduled to discuss the SER during a meeting Oct. 2 and then submit its recommendation on license renewal to the Commission.

Documents related to Callaway's [license renewal application](#), including the SER, as well as information about the [license renewal process](#), are located on the NRC's website.