



February 20, 2025

ULNRC-06921

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

Ladies and Gentlemen:

**DOCKET NUMBER 50-483
CALLAWAY PLANT UNIT 1
UNION ELECTRIC CO.
RENEWED FACILITY OPERATING LICENSE NPF-30
PRESENTATION INFORMATION FOR PRE-APPLICATION MEETING
REGARDING TRANSITION TO ADVANCED WESTINGHOUSE FUEL
AND UPGRADE OF ANALYTICAL METHODS AT CALLAWAY PLANT**

A meeting between Union Electric (Ameren Missouri), Westinghouse Electric Corporation (WEC) and NRC personnel is being planned for the purpose of discussing a license amendment request (LAR) to be submitted in the May 2025 timeframe for the Callaway Plant, Unit 1 (Callaway). The forthcoming meeting is intended to address the licensing aspects of a fuel transition project and solicit inquiries and insights from the NRC staff.

The amendment to be requested has three overarching themes which include the transition to an upgraded fuel assembly design, adoption of improved analysis methods, and an incremental increase in allowable fuel burnup. These changes provide for use of a more robust fuel product that features accident tolerant features, along with a supporting safety analysis that conforms to current regulatory guidance.

From preparation of the presentation materials to be used for the anticipated pre-application meeting, it was determined that some of the discussions are likely to include or describe information that is proprietary to WEC. On that basis, the pre-application meeting is being planned as partly a public meeting and partly a closed meeting.

The presentation materials to be used for the open portion of the meeting are in the form of PowerPoint "slides" prepared by Ameren and WEC personnel. These slides contain no proprietary content. The purpose of this letter is to transmit the slides to the NRC staff in advance of the meeting.

The set of slides to be used for the public meeting is provided as Enclosure 1. No slides were prepared for the closed portion of the meeting.

This letter does not contain new commitments.

If there are any questions, please contact the undersigned at (314) 225-1905.

Sincerely,



Thomas B. Elwood
Manager, Regulatory Affairs

Enclosure:

1. Callaway Unit 1 Presentation Information for Planned Pre-Application Meeting (Public Meeting)

cc: Mr. John Monninger
Regional Administrator
U. S. Nuclear Regulatory Commission
Region IV
1600 East Lamar Boulevard
Arlington, TX 76011-4511

Senior Resident Inspector
Callaway Resident Office
U.S. Nuclear Regulatory Commission
8201 NRC Road
Steedman, MO 65077

Mr. M. Chawla
Project Manager, Callaway Plant
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Mail Stop O8B1A
Washington, DC 20555-0001

Index and send hardcopy to QA File A160.0761

Hardcopy:

Certrec Corporation
6500 West Freeway, Suite 400
Fort Worth, TX 76116
(Certrec receives ALL attachments as long as they are non-safeguards and may be publicly disclosed.)

Electronic distribution for the following can be made via Responses and Reports ULNRC Distribution:

F. M. Diya
K. C. Scott
T. M. Hart
J. G. Beck
T. A. Witt
T. B. Elwood
B. D. Richardson
D. E. Rickard, Jr.
NSRB Secretary
STARS Regulatory Affairs
Mr. Jay Silberg (Pillsbury Winthrop Shaw Pittman LLP)
Ms. Claire Eubanks (Missouri Public Service Commission)
Mr. Larry Lehman (DNR)