



May 9, 2023

ULNRC-06816

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

10 CFR 50.90  
10 CFR 50.67

Ladies and Gentlemen:

**DOCKET NUMBER 50-483  
CALLAWAY PLANT UNIT 1  
UNION ELECTRIC CO.  
RENEWED FACILITY OPERATING LICENSE NPF-30  
WITHDRAWAL OF PREVIOUSLY SUBMITTED ENCLOSURES  
REGARDING LICENSE AMENDMENT REQUEST FOR ADOPTION OF  
ALTERNATIVE SOURCE TERM AND REVISION OF  
TECHNICAL SPECIFICATIONS (LDCN 21-0015)**

References:      Provided on page 3

By letter dated September 28, 2021 (Reference 1), Ameren Missouri submitted a license amendment request (LAR) for adopting the alternative source term methodology addressed in 10 CFR 50.67. Subsequent to this LAR submittal, by letter dated December 1, 2021 (Reference 2), Ameren Missouri submitted a supplement to the LAR in which fourteen enclosures were provided in order to make corrections and provide additional information. In particular, Enclosures 9 through 11 (ML21335A461, ML21335A462, and ML21335A463) of Reference 2 provided the input and output files of ARCON96-NAI runs that were performed in support of the LAR.

In their request for additional information (RAI) dated October 14, 2022 (Reference 3), the NRC staff requested clarification of the ARCON inputs and results documented in the aforementioned Enclosures 9 through 11. Ameren Missouri provided a response to this RAI in the form of an enclosure in a letter dated December 8, 2022 (Reference 4) which corrected the ARCON input files and conservatively revised the LAR dose analyses. The NRC staff indicated successful completion of confirmatory calculations with respect to the Reference 4 enclosure but requested Ameren Missouri withdraw Enclosures 9 through 11 of the December 1, 2021 supplement to prevent confusion with respect to the submitted ARCON inputs and outputs. Ameren Missouri is hereby withdrawing Enclosures 9 through

11 of the December 1, 2021 supplement (ML21335A461, ML21335A462, ML21335A463) in accordance with that request.

This letter does not contain new commitments.

If there are any questions, please contact Tom Elwood, Supervisor, Regulatory Affairs and Licensing, at 314-225-1905.

I declare under penalty of perjury that the foregoing is true and correct.

Sincerely,



Brent L. Jungmann  
Senior Director, Nuclear Engineering

Executed on: 5/9/23



References:

1. Ameren Missouri letter ULNRC-06636, "License Amendment Request for Adoption of Alternate Source Term and Revision of Technical Specifications," dated September 28, 2021 (ADAMS Accession No. ML21272A168)
2. Ameren Missouri letter ULNRC-06696, "Supplement to License Amendment Request for Adoption of Alternative Source Term and Revision of Technical Specifications," dated December 1, 2021 (ADAMS Accession No. ML21335A452)
3. NRC letter, "Final Request for Additional Information - Callaway Plant, Unit 1 - License Amendment Request for Adoption of Alternate Source Term and Revision of Technical Specifications - EPID L-2021-LLA-0177," transmitted via e-mail on October 14, 2022 (ADAMS Accession No. ML22287A095)
4. Ameren Missouri letter ULNRC-06787, "Response to Request for Additional Information Regarding License Amendment Request for Adoption of Alternate Source Term and Revision of Technical Specifications," dated December 8, 2022 (ADAMS Accession No. ML22342B265)

cc: Mr. Robert Lewis  
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

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