



April 17, 2012

ULNRC-05851

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

10 CFR 50.90

Ladies and Gentlemen:

**DOCKET NUMBER 50-483
CALLAWAY PLANT UNIT 1
UNION ELECTRIC CO.
FACILITY OPERATING LICENSE NPF-30
RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
REGARDING ADOPTION OF NATIONAL FIRE PROTECTION ASSOCIATION
STANDARD NFPA 805 (TAC No. ME7046)**

Reference: 1) Ameren Missouri Letter ULNRC-05781, "Request for License Amendment to Adopt NFPA 805, 'Performance-Based Standard for Fire Protection for Light Water Reactor Generating Plants (2001 Edition)' (License Amendment Request LDCN 11-0012)," dated August 29, 2011.

Reference: 2) Ameren Missouri Letter ULNRC-05823, "Clarification of Information Contained in Request for License Amendment to Adopt NFPA 805, 'Performance-Based Standard for Fire Protection for Light Water Reactor Generating Plants (2001 Edition)' (LDCN 11-0012)," dated November 9, 2011.

In Reference 1, Union Electric Company (dba Ameren Missouri) requested an amendment to Facility Operating License Number NPF-30 for the Callaway Plant pursuant to 10 CFR 50.90. The letter and its attachments were submitted for the purpose of adopting a new fire protection licensing basis based on NFPA 805 which complies with the requirements in 10 CFR 50.48(a) and (c) and the guidance in Revision 1 of Regulatory Guide (RG) 1.205, "Risk-Informed, Performance-Based Fire Protection for Existing Light-Water Nuclear Power Plants."

In Reference 2 supplemental information requested by the Nuclear Regulatory Commission (NRC) Staff was provided in order to complete the acceptance review of the application.

ULNRC-05851

April 17, 2012

Page 2

On March 2, 2012 Callaway Plant formally received from the NRC Staff a request for additional information (RAI) related to this application request (Reference Agencywide Documents Access and Management System (ADAMS) Accession No. ML120600186).

On April 12, 2012 a teleconference with the NRC Staff was conducted to discuss draft responses to the RAI discussed above. During this teleconference, Ameren Missouri was requested to withhold responses to certain RAI questions in order to resolve follow-up questions as well as allow additional time for the NRC Staff to complete its review of the remaining draft responses.

The purpose of this letter is to provide the responses to RAI questions which have been determined acceptable to the NRC Staff. The responses to the remaining RAI questions will be provided based on an agreed upon completion date with the NRC Staff during the week of April 16, 2012.

Enclosure 1 provides the available RAI question responses. Enclosure 1 also contains a description of changes to the license amendment request (LAR) that Ameren Missouri has identified in connection with responding to the RAI. Attachments are provided with the enclosure to show the LAR Transition Report changes from the original submittal.

This submittal does contain revised/new commitments which are provided in the revised LAR Transition Report Attachment S, Plant Modifications and Items to be Completed during Implementation.

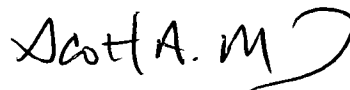
The No Significant Hazards Consideration determination provided in the original submittal is not altered by the additional information provided in this letter.

If there are any questions, please contact Mr. Scott Maglio at (573) 676-8719 or Mr. Roger Wink at (314) 225-1561.

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

Sincerely,

Executed on: 4/17/2012



Scott A. Maglio
Regulatory Affairs Manager

RCW/nls

Enclosure 1: Request for Additional Information (RAI) with Callaway Plant Response

ULNRC-05851

April 17, 2012

Page 3

cc: U.S. Nuclear Regulatory Commission (Original and 1 copy)
Attn: Document Control Desk
Washington, DC 20555-0001

Mr. Elmo E. Collins
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. Mohan C. Thadani (2 copies)
Senior Project Manager, Callaway Plant
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Mail Stop O-8B1
Washington, DC 20555-2738

Index and send hardcopy to QA File A160.0761

Hardcopy:

Certrec Corporation

4150 International Plaza Suite 820

Fort Worth, TX 76109

(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 Tech Spec ULNRC Distribution:

A. C. Heflin

F. M. Diya

C. O. Reasoner III

D. W. Neterer

L. H. Graessle

J. S. Geyer

S. A. Maglio

R. Holmes-Bobo

NSRB Secretary

T. B. Elwood

Mr. Bill Muilenburg (WCNOC)

Mr. Tim Hope (Luminant Power)

Mr. Ron Barnes (APS)

Mr. Tom Baldwin (PG&E)

Mr. Wayne Harrison (STPNOC)

Ms. Linda Conklin (SCE)

Mr. John O'Neill (Pillsbury Winthrop Shaw Pittman LLP)

Missouri Public Service Commission

Mr. Dru Buntin (DNR)