



July 12, 2012

ULNRC-05876

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**

Reference 1): Ameren Missouri Letter ULNRC-05851, Response to Request for Additional Information Regarding Adoption of National Fire Protection Association Standard NFPA 805 dated April 17, 2012 (TAC No. ME7046)

On March 2, 2012, Callaway Plant formally received from the NRC Staff a request for additional information (RAI) related to the application request to adopt 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".

On April 17, 2012 Ameren Missouri transmitted to the NRC Staff via Reference 1, responses to a portion of the RAI questions. On April 12th, 17th, & June 21th, 2012, teleconferences between Ameren Missouri and the NRC staff reviewers were conducted in which additional requests/questions on the remaining RAI's were discussed. Following these teleconferences the NRC provided to Ameren Missouri supplemental requests/questions to the original RAI's. The purpose of this letter is to provide the additional responses to the RAI transmittal dated March 2, 2012 including responses to the supplemental requests/questions identified during the teleconferences.

ULNRC-05876

July 12, 2012

Page 2

Enclosure 1 provides the RAI responses not provided in Reference 1.

Enclosure 1 also contains a description of changes to the license amendment request (LAR) that Ameren Missouri has identified as being warranted. Attachments are provided within the enclosure to show the LAR Transition Report changes from the original submittal.

Enclosure 2 provides the computer program input files requested in Fire Modeling RAIs 2b, 3b and 3t.

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: 7/12/2012



Scott Maglio  
Regulatory Affairs Manager

*RCW*  
RCW/nls

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

Enclosure 2, Computer input files for Fire Modeling RAIs 2b, 3b and 3t.

ULNRC-05876

July 12, 2012

Page 3

cc: U.S. Nuclear Regulatory Commission (Original and 1 copy)  
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ULNRC-05876

July 12, 2012

Page 4

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