

June 16, 2015

Mr. Fadi Diya  
Vice President – Nuclear Operations  
Ameren Missouri  
Callaway Plant  
Five Miles North of Highway 94  
Portland, MO 65067

SUBJECT: RESPONSE TO ORDER FOR IMPLEMENTATION OF ADDITIONAL SECURITY  
MEASURES AND FINGERPRINTING FOR UNESCORTED ACCESS FOR  
CALLAWAY PLANT INDEPENDENT SPENT FUEL STORAGE INSTALLATION

Dear Mr. Diya:

On December 30, 2013, the U.S. Nuclear Regulatory Commission (NRC) issued an Order (EA-13-237) that modified the current license for Ameren Missouri's Callaway Plant Independent Spent Fuel Storage Installation (ISFSI). The Order required compliance with additional security measures (ASMs) for physical protection, access authorization and fingerprinting at ISFSIs. On January 16, 2014, Ameren Missouri submitted its response to the Order for the Callaway Plant ISFSI.

On April 16, 2015, Ameren Missouri submitted its physical security plan (PSP) to the NRC. Additionally on April 24, 2015, Ameren Missouri informed the NRC that it had achieved full compliance with its implementation of the ASM requirements contained in EA-13-237 and was prepared to demonstrate compliance with the ISFSI Security Order. The NRC performed an on-site physical security inspection, dated April 30, 2015, to ensure compliance with the ASMs. On May 21, 2015, Ameren Missouri supplemented its PSP submittal with additional security information.

Based on our review, the NRC staff finds that Ameren Missouri's responses to the Order are acceptable. The NRC has determined that Ameren Missouri has effectively implemented the ASMs through an on-site inspection (IR Nos. 05000483/2015401 and 07201045/2015401) of the Callaway Plant ISFSI. If you have any questions about this letter, please call me at 301-415-7497.

Sincerely,

/RA/

L. Raynard Wharton, Senior Project Manager  
Division of Spent Fuel Management  
Office of Nuclear Material Safety  
and Safeguards

Docket No.: 72-1045

cc: Distribution via ListServ

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