



Callaway Plant

December 14, 2010
10 CFR 52.75

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Rockville, MD 20852

ALNRC 00050

Subject: Union Electric CO. d/b/a Ameren Missouri,
Callaway Plant Site
Response to Regulatory Information Summary 2010-10

- References: 1) ALNRC 00047, dated August 31, 2010 "Response to Regulatory Information Summary 2010-01"
- 2) ALNRC 00049, dated November 22, 2010 "Release of Information Withheld from Public Disclosure"

References 1 and 2 notified the NRC of Union Electric Company's (d/b/a as Ameren Missouri) intent to file for an Early Site Permit (ESP) for the Callaway Site.

The purpose of this letter is to respond to RIS 2010-10 and to provide the Staff with additional information relative to the long term plan for the Callaway Plant Site. As stated in Reference 2, Ameren Missouri anticipates submitting an ESP application for the Callaway Site in the second half of 2011. Union Electric Company's (d/b/a as Ameren Missouri) will be the applicant and license holder.

Ameren Missouri will establish a Plant Parameter Envelope (PPE) for the Callaway Site using the Guidance of NEI 10-01. The application will include a complete and integrated emergency plan and no limited work authorization is contemplated.

Ameren Missouri will file a triennial Integrated Resource Plan (IRP) with the State of Missouri in early 2011. It is anticipated that this IRP will indicate that additional generation will be needed in the mid-2020 decade and that additional nuclear generation is among the top options being considered by Ameren Missouri, if a favorable rate structure is in place during the construction phase. The subsequent 2014 IRP, as well as the interests of the other electrical providers in the State of Missouri, will provide the basis for making decisions on the filing of a follow-on COLA and its timing relative to the need for additional baseload generation.

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NRD

If you have questions, please contact me at 573-676-8519 or SBond2@ameren.com.

Sincerely,



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SMB/DES/slk

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