



February 25, 2011

Mr. Steven Reed  
Secretary of the Commission  
Missouri Public Service Commission  
200 Madison Street, Suite 100  
Jefferson City, MO 65102-0360

Re: Callaway II Transmission Facilities

Dear Mr. Reed:

In response to your letter of January 20, 2011, regarding transmission facilities needed to serve a new Callaway II unit, Ameren Missouri and Ameren Transmission Company provide the following responses:

1. Will the construction of a new Callaway II unit require the construction of new transmission lines?

Response: Yes.

2. If so, please provide the following:

- a. An estimate of the size of the lines;
- b. An estimate of the cost of the lines;
- c. Identify who will construct the lines;
- d. Identify who will own the lines;
- e. The approximate location of the lines;
- f. Will land rights have to be acquired to construct the transmission lines.

Response:

Without knowing the specifics about the type of nuclear plant that might be built including its size, characteristics, and location, as well as the status of development of other generation and transmission projects on Ameren Missouri's and the regional transmission system at the time that the plant is planned to be in service, it is not possible to answer all of these questions with specificity. However, at this point, assuming that the Callaway II plant would be owned in substantial part by Ameren Missouri, Ameren Missouri would expect to construct and own the transmission lead lines that connect the plant to Ameren Missouri's transmission system. Ameren Missouri would also own any needed facilities that were upgrades to its existing facilities. There will likely be additional transmission projects to integrate the additional generation into the regional transmission

system. We would expect that Ameren Transmission Company would construct and own such additional transmission projects. Some of these projects may also be identified as regional transmission projects as a part of the Midwest ISO Transmission Expansion Plan.

If and when a specific nuclear plant project is developed, a detailed study would be conducted through the Midwest ISO generation interconnection process. Once such a study is conducted, we will be happy to provide more specific information about the location and ownership of associated transmission facilities. In the meantime, we would be pleased to meet with you (in a manner allowed by the Commission's communication rules) to discuss this response or any additional questions you may have.

Sincerely,



Warner L. Baxter, President, Ameren Missouri



Maureen A. Borkowski, President, Ameren Transmission Company

cc: Lewis Mills  
Tom Byrne