



DIVISION OF
CORPORATION FINANCE

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

June 15, 2012

Via E-mail

Martin J. Lyons, Jr.
Senior Vice President and Chief Financial Officer
Ameren Corporation
1901 Chouteau Avenue
St. Louis, Missouri 63103

Re: Ameren Corporation
Form 10-K for Fiscal Year Ended December 31, 2011
Filed February 28, 2012
Form 8-K filed May 4, 2012
Form 10-Q for Quarterly Period Ended March 31, 2012
Filed May 10, 2012
File No. 1-14756

Dear Mr. Lyons:

We have completed our review of your filings. We remind you that our comments or changes to disclosure in response to our comments do not foreclose the Commission from taking any action with respect to the company or the filings and the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States. We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filings to be certain that the filings include the information the Securities Exchange Act of 1934 and all applicable rules require.

Sincerely,

/s/ William H. Thompson

William H. Thompson
Accounting Branch Chief

cc: Gregory L. Nelson
Senior Vice President and General Counsel