



May 14, 2010

Manager of the Data Center  
Missouri Public Service Commission  
200 Madison Street, Suite 100  
Jefferson City, MO 65101

P.O. Box 360  
Jefferson City, MO 65102-0360

In Re: 4 CSR 240-3.165

Dear Data Center Manager:

Kansas City Power & Light Company (KCP&L) submits the attached Missouri Electric Annual Report, parts 1 and 2, including the Missouri Jurisdictional Electric Annual Report Supplemental Pages to fulfill its annual reporting requirements. These are concurrently being filed through EFIS.

Sincerely,

A handwritten signature in black ink that reads "John P. Weisensee". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

John P. Weisensee  
Manager - Regulatory Affairs