



April 26, 2006

Mr. Jay Caspary  
Southwest Power Pool  
Director, Engineering  
415 N. McKinley #140 Plaza West  
Little Rock, AR 72205

Dear Jay:

Kansas City Power & Light is in the process of reconductoring the LaCygne-West Gardner 345kV line. This will result in a summer capacity upgrade from the current 1251mVA rating to 1802mVA. The line is being upgraded as a Requested Upgrade sponsored by KCP&L. As such, KCP&L would expect to receive future revenue for any transmission service sold in the direction of the constraint as per Attachment Z of the SPP OATT.

This 41-mile line is the limiting element in the LaCyne-Stilwell/LaCygne-West Gardner 345kV flowgate impacted by heavy south to north power flows across the SPP region. This flowgate is a two-element outage transfer dependent facility defined by the resultant flow on the LaCygne-West Gardner line for the outage of the LaCygne-Stilwell 345kV line. Upon completion of the upgrade this flowgate can be removed from the SPP list of flowgates. The capability for SPP to sell additional transmission service will increase thereby benefiting the region.

In September 2005, KCP&L reviewed the number of occurrences that SPP administered TLR Level 3 on this flowgate and found 6 events during the previous 12 months (September 2004 – September 2005). These 6 events resulted in 9396mW of non-firm and 756mW of firm transmission service held or curtailed. A total of 7280 transmission service reservation requests that had an impact on this flowgate were refused in the first nine months of 2005 (January – September) due to insufficient ATC. Projecting these to annual numbers would have resulted in 21,758,918mWH of non-firm and 20,247,536mWH of firm service that was refused.

Due to the heavy flow on the LaCygne-West Gardner and the LaCygne-Stilwell lines during most times of the year, removing either line from service is difficult to schedule. KCP&L saw a window of opportunity in the first half of 2006 for an extended outage of the LaCygne-West Gardner due to scheduled successive outages of LaCygne units 1 and 2. In a short amount of lead-time, KCP&L arranged for material and workforce to begin the reconductoring project by



January 23, 2006. Estimated completion and return to service is scheduled by June 1, 2006. The total budgeted amount for the project was \$11,200,000.

Sincerely,

C. Monroe  
R. Spring  
G. Burrows  
H. Wyble  
C. Locke  
B. Sisk