

**KENTUCKY POWER COMPANY**

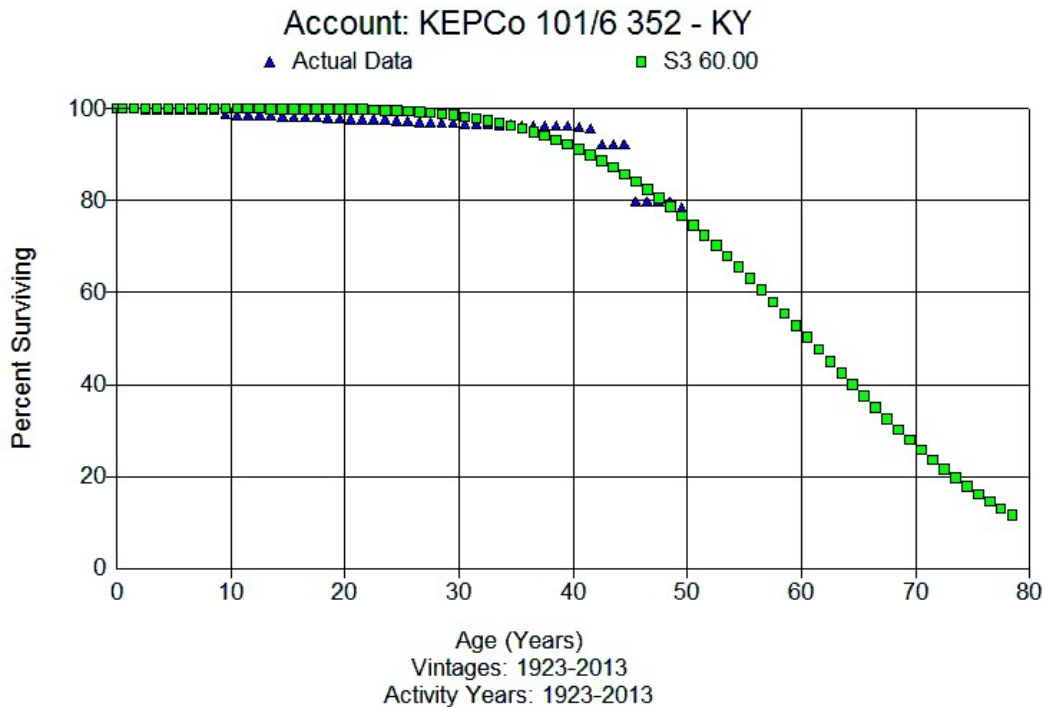
**DEPRECIATION STUDY AS OF DECEMBER 31, 2013**

**TRANSMISSION PLANT**

**ACTUARIAL ANALYSIS GRAPHS**

**KENTUCKY POWER COMPANY  
DEPRECIATION STUDY AT DECEMBER 31, 2013  
TRANSMISSION GRAPHS**

Account 352 Structures & Improvements – S3, 60

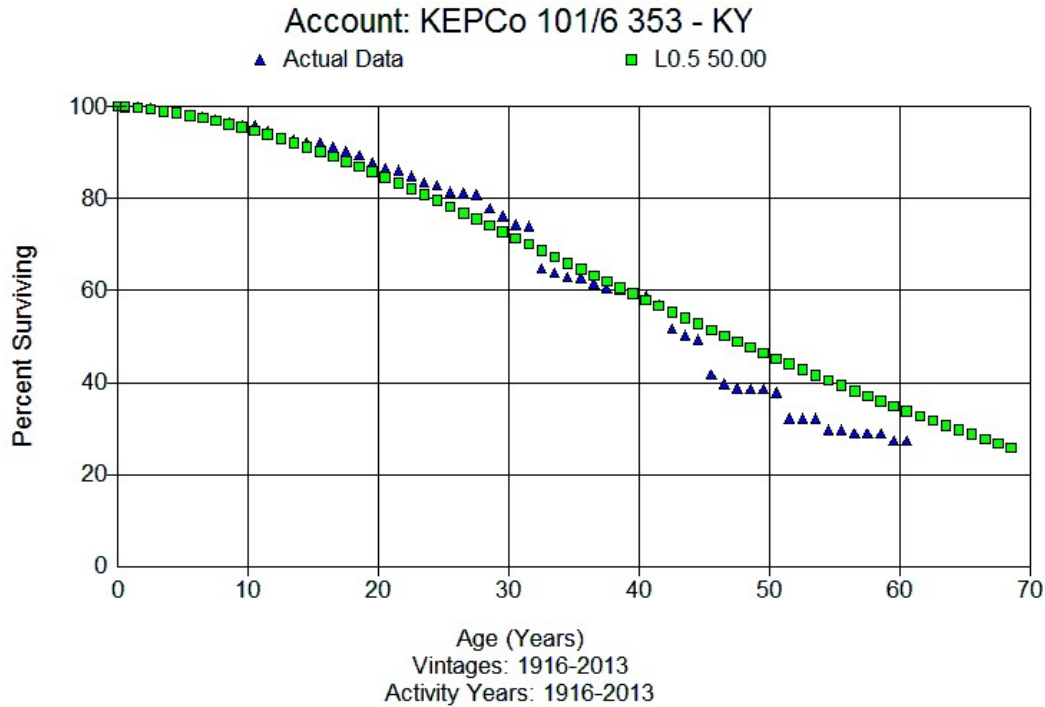


An actuarial analysis was performed for Account 352. The analysis of retirements from 2000 to 2013 indicated that few retirements were booked during this time period. The prior study from Case No. 91-066 recommended a 55 year life for the investment in this account using a S1.5 dispersion.

As shown above, the S3.0 curve with a 60 year life provides a good fit for Account 352 property and I recommend that we change to use this curve and life.

# KENTUCKY POWER COMPANY DEPRECIATION STUDY AT DECEMBER 31, 2013 TRANSMISSION GRAPHS

Account 353 Station Equipment – L0.5, 50



An actuarial analysis was performed for Account 353.

The prior study from Case No. 91-066 recommended a 50 year life for the investment in this account using a R0.5 dispersion.

As shown above, the L0.5 curve with a 50 year life provides a good fit for Account 353 property and I recommend that we use this curve and life.