In this talk I will discuss the convergence of the Morava K-theory Eilenberg-Moore spectral sequence for the path loop fibration. This spectral sequence can be constructed by applying Morava K-theory to the geometric cobar construction of the Eilenberg-Moore spectral sequence as done by Rector. For Morava K-theory I have been able to show that the Atiyah-Hirzebruch spectral sequence for $\Omega X$ is equivalent to an inverse limit of a sequence of Atiyah-Hirzebruch spectral sequences. Using this fact I have shown that the Morava K-theory Eilenberg-Moore spectral sequence converges for a space $X$ if the Atiyah-Hirzebruch spectral sequence for $X$ collapses at the $E_2$ page and the Eilenberg-Moore spectral sequence collapses for ordinary homology. (Received September 27, 2005)