



engineering and constructing a better tomorrow

December 15, 2008

Ms. Meredith Bond
UNITED STATES DEPARTMENT OF THE INTERIOR
U.S. Fish and Wildlife Service
National Wildlife Refuge System
Branch of Air Quality
7333 W. Jefferson Avenue, Suite 375
Lakewood, CO 80235-2017

RE: Power4Georgians, LLC
Plant Washington
Sandersville, Georgia
Permit Application Supplemental Data
Application No. 17924, dated January 17, 2008

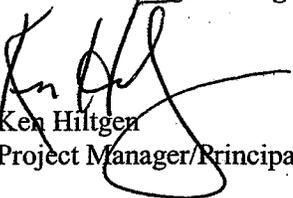
Dear Ms. Bond:

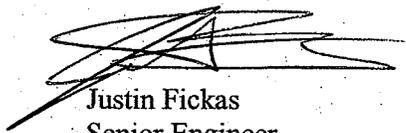
On behalf of our client Power4Georgians, LLC (P4G) enclosed is a DVD containing supplemental information to the above referenced air permit application. Rather than providing replacement portions of the application, in order to avoid confusion we are providing an electronic copy of the entire application with the information already inserted. The Class I Modeling conducted as part of the project has been modified as follows.

1. The CALPUFF model was run with updated emission rates for fugitive PM sources, and reduced emission rates for SO₂ and sulfuric acid mist for the Plant Washington project.
2. The change in β -extinction for each Class I area was calculated using the Interagency Monitoring of Protected Visual Environments (IMPROVE) equation, which takes into account the difference in the light scattering from large and small particles of sulfates, nitrates, and organics, as well as visibility impacts from sea salt contributions and changes in Rayleigh Scattering from site to site. All parameters used in the IMPROVE equation for each modeled Class I area are documented in the permit application.
3. Method 6 was used for the background extinction computation used in the CALPOST post-processor.
4. The deposition and Class I increment consumption analysis were updated to reflect the most current emission rates.
5. A comparison to the lowest of the recently proposed PM_{2.5} Class I significant impact level was added.

If you have any questions please contact Justin Fickas at (770) 421-3335.

Sincerely,
MACTEC Engineering and Consulting, Inc.


Ken Hiltgen
Project Manager/Principal


Justin Fickas
Senior Engineer

Cc: Purva Prabhu, GA EPD
Bill Jackson, NFS
Andrea Stacy, NPS