



**Certification per 40 CFR §257.70(f), *Design criteria for new CCR landfills*
Chesterfield Fossil Fuel Combustion Products Management Facility – SWP #609
Chester, Virginia**

The following certification for the Chesterfield Power Station Fossil Fuel Combustion Products Management Facility (FFCPMF) is required under 40 CFR §257.70(f), *Design criteria for new CCR landfills* of the *Disposal of Coal Combustion Residuals From Electric Utilities* rule (CCR rule). The FFCPMF meets the definition of “new CCR landfill” under the CCR rule. Pursuant to 40 CFR §257.70(f), a professional engineer must certify that the new CCR landfill has been constructed with a composite liner that meets the requirements of §257.70(b), or an alternate composite liner that meets the requirements of §257.70(c), and a leachate collection and removal system that meets the requirements of §257.70(d). Construction documentation has been assembled and sent to the Virginia Department of Environmental Quality, Land Protection Division, for review and approval under Solid Waste Permit #609.

On the basis of and subject to the foregoing, it is my professional opinion as a Professional Engineer licensed in the Commonwealth of Virginia that the alternate composite liner and leachate collection and removal system for the FFCPMF has been constructed in accordance with the requirements of §257.70(c) and (d), respectively, of the United States Environmental Protection Agency’s “Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments,” published in the Federal Register on April 17, 2015, with an effective date of October 19, 2015.

As used herein, the word “certification” shall mean an expression of the Engineer’s professional opinion to the best of his or her information, knowledge, and belief, and does not constitute a warranty or guarantee by the Engineer.

GOLDER ASSOCIATES INC.



Daniel McGrath, P.E.
Project Manager and Associate

