

**LINER DESIGN CRITERIA – REVISION 01**  
**40 C.F.R. PART 257.71**  
**PLANT MCDONOUGH CCR UNIT ASH POND 1 (AP-1)**  
**GEORGIA POWER COMPANY**

CCR Unit Ash Pond 1 (AP-1), owned and operated by Georgia Power Company, is located at Plant McDonough-Atkinson (Plant McDonough) in Cobb County, Georgia.

Pursuant to the Environmental Protection Agency (EPA) “Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments” Final Rule (40 CFR §257 Subpart D), §257.71(b) and §257.100(e)(3)(i), a professional engineer’s certification is required for Liner Design Criteria for Existing Coal Combustion Residuals (CCR) Surface Impoundments. §257.71(a) requires the owner or operator of a CCR surface impoundment to provide documentation of the liner type as constructed with one of the following:

- i) a minimum of two feet of compacted soil having a hydraulic conductivity of no more than  $1 \times 10^{-7}$  centimeters per second (cm/s);
- ii) a composite liner meeting the requirements of §257.70(b); or
- iii) an alternate liner meeting the requirements of §257.70(c).

Plant McDonough’s CCR Unit AP-1 was not constructed with a liner that meets the requirements of 40 CFR §257.71(a)(1)(i), (ii), or (iii).

AP-1 no longer receives CCR and is in the process of obtaining a solid waste permit under the Georgia Rules for Solid Waste Management (391-3-4-.10). Installation of the final cover system for Plant McDonough AP-1 was substantially completed Q1 2017, and AP-1 is undergoing additional closure construction in the near term in accordance with 40 C.F.R. §257.102(d), including the installation of a fully encompassing subsurface barrier wall and adjacent associated closure system upgrades.

I certify that the documentation above is accurate and based on current available information.



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Gregory L. Hebel, PhD, P.E.  
Georgia Licensed Professional Engineer No. 034749  
Golder Associates Inc.