

**LINER DESIGN CRITERIA
40 C.F.R. PART 257.71
ASH POND 3 (AP-3) AND ASH POND 4 (AP-4)
PLANT MCDONOUGH, GEORGIA POWER COMPANY**

Ash Pond 3 (AP-3) and Ash Pond 4 (AP-4), owned and operated by Georgia Power Company, are located at Plant McDonough-Atkinson (Plant McDonough) in Cobb County, Georgia.

Pursuant to United States Environmental Protection Agency's "Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments" Final Rule (40 C.F.R. Part 257) §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 1×10^{-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).

Based on current available information, I certify that AP-3 and AP-4 were not constructed with a liner that meets the requirements of 40 CFR §257.71(a)(1)(i), (ii), or (iii).



Gregory L. Hebel, PhD, P.E.

Georgia Licensed Professional Engineer No. 034749

Golder Associates Inc.