

**LOCATION RESTRICTIONS DEMONSTRATION**  
**FAULT AREAS 391-3-4-.10(3) and 40 CFR § 257.62**  
**PLANT BRANCH CCR LANDFILL**  
**GEORGIA POWER COMPANY**

The US Environmental Protection Agency's (USEPA's) Final Rule for Disposal of Coal Combustion Residuals from Electric Utilities (40 CFR Part 257 and Part 261), § 257.62 and GA EPD CCR Rule, Chapter 391-3-4-.10(3), which incorporates the requirements of 40 CFR § 257.62 by reference, require that new CCR landfills, existing and new CCR surface impoundments, and all lateral expansions of CCR units must not be located within 60 meters (200 feet) of the outermost damage zone of a fault that has had displacement in Holocene epoch (within last approximately 12,000 years). See Ga. Comp. R. & Regs. R. 391-3-4-.10(3)(a); 40 C.F.R. § 257.62(a).

The Plant Branch CCR Landfill location is approximately 74 miles south of the Brevard Fault Zone, a major geologic feature that transects the Piedmont region. The latest movement along the Brevard Zone is estimated at 282 (±14) million years ago (Late Paleozoic). There are no known Holocene faults in this region of Georgia.

I hereby certify that the design for the CCR Landfill and its structural components at GPC's Plant Branch facility meets the requirements of GA EPD Rule 391-3-4-.10(3) and USEPA Rule 40 CFR § 257.62.



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Mehmet Iscimen, P.E.

Georgia Registered Professional Engineer No. 034164

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5/24/2024

Date