

**LOCATION RESTRICTION DEMONSTRATION
UPPERMOST AQUIFER (40 C.F.R. 257.60)
PLANT SCHERER ASH POND 1 (AP-1)
GEORGIA POWER COMPANY**

EPA's "Disposal of Coal Combustion Residuals from Electric Utilities" Final Rule (40 C.F.R. Part 257 and Part 261) requires the owner or operator of an existing CCR surface impoundment to make a demonstration that the facility meets certain location restrictions. Per § 257.60, an existing CCR surface impoundment must be constructed with a base that is located no less than 1.52 meters (five feet) above the upper limit of the uppermost aquifer or demonstrate that will not be an intermittent, recurring or sustained hydraulic connection between any portion of the base of the CCR unit and the uppermost aquifer due to normal fluctuations in groundwater elevations (including the seasonal high water table).

The uppermost aquifer at Plant Scherer is typically encountered in the saprolite and in the highly weathered and fractured bedrock. Georgia Power expects to begin closure of AP-1 in 2020. Opinions relating to environmental, geologic, and geotechnical conditions or other estimates are based on available data, and actual conditions may vary from those encountered at the times and locations where data are obtained, despite the use of due care. Based on the hydrogeologic data, Georgia Power's Plant Scherer AP-1, under current conditions, does not meet the location restriction requirements of 40 C.F.R. § 257.60(a).



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