

**LOCATION RESTRICTION DEMONSTRATION
PLACEMENT ABOVE THE UPPERMOST AQUIFER (40 C.F.R. PART 257.60)
PLANT YATES ASH POND 1 (AP-1)
GEORGIA POWER COMPANY**

Plant Yates AP-1 is subject to the timelines announced in 81 Fed. Reg. 51802 (Aug. 5, 2016). EPA's "Disposal of Coal Combustion Residuals from Electric Utilities Final Rule" (40 C.F.R. Part 257.60) requires that a CCR surface impoundment be constructed with a base that is located no less than five feet above the uppermost aquifer, or must not have 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.

The uppermost aquifer at Plant Yates is typically encountered in the saprolite or the upper weathered and fractured metamorphic bedrock. Based on review of the hydrogeologic information, AP-1 did not meet the requirements of separation of five feet above the upper limit of the uppermost aquifer prior to CCR removal as required per § 257.60(a). Georgia Power initiated closure of AP-1 in 2015. The unit no longer receives or contains CCR and has undergone CCR closure by removal in compliance with state and federal CCR rules.



Richard T Deason, P.E.
Atlantic Coast Consulting, Inc.



SEAL