

**LOCATION RESTRICTION DEMONSTRATION
PLACEMENT ABOVE THE UPPERMOST AQUIFER
(40 C.F.R. PART 257.60)
PLANT HAMMOND ASH POND 3 (AP-3)
GEORGIA POWER COMPANY**

Plant Hammond AP-3 is subject to the timelines announced in 81 Fed. Reg. 51802 (5 August 2016). EPA's "Disposal of Coal Combustion Residuals from Electric Utilities Final Rule" (40 C.F.R. Part 257.60), requires that an existing CCR surface impoundment be constructed with a base that is located five feet above the upper limit of 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 Hammond (Plant) occurs in the overburden (residual and alluvial soils) and within the highly weathered and fractured bedrock. Based on current hydrogeologic data, Georgia Power's Plant Hammond AP-3, an inactive surface impoundment, under current conditions, does not meet the location restriction requirements of 40 C.F.R Part 257.60(a). Georgia Power Company has ceased active operation of AP-3 in accordance with state and federal regulatory requirements and completed the installation in the second quarter of 2018 of a low-permeability cover system.


Cuneyt Gokmen, P.E.

Licensed State of GA, PE No. 28504

11/18/2019

