

**LOCATION RESTRICTION DEMONSTRATION
PLACEMENT ABOVE THE UPPERMOST AQUIFER
(40 CFR 257.60)
PLANT MCMANUS ASH POND 1 (AP-1)
GEORGIA POWER COMPANY**

Plant McManus 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 CFR 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 McManus is the surficial aquifer of the Holocene Series; this aquifer occurs under unconfined conditions with local confining areas and is composed of very fine to fine grain sand with discontinuous clay layers. Based on current hydrogeologic data, Georgia Power's Plant McManus AP-1 does not meet the location restriction requirements of 40 CFR 257.60(a).

Georgia Power Company completed CCR excavation and removal in October 2019.

11/26/19

J. Robin Blanton, P.E.

Date

Licensed State of Georgia, P.E. No. 19978

