

**LOCATION RESTRICTION DEMONSTRATION
FAULT AREAS (40 C.F.R. PART 257.62)
PLANT MCDONOUGH-ATKINSON ASH POND 2 (AP-2)
GEORGIA POWER COMPANY**

Plant McDonough AP-2 is subject to the timelines announced in 81 Fed. Reg. 51802 (Aug. 5, 2016). Provision §257.62 of the United States Environmental Protection Agency's "Disposal of Coal Combustion Residuals from Electric Utilities Final Rule" (40 C.F.R. Part 257) requires that a CCR surface impoundment must not be located within 200 feet of the outermost damage zone of a fault that has had displacement in the Holocene time (within the last approximately 12,000 years).

Based upon a review of geologic mapping for the area corresponding to Plant McDonough, which includes lithology and mineralogy, orientation and characteristics of structural discontinuities including, shearing, faulting, jointing, cleavage, and compositional bedding, and depth and type of weathering characteristics of the rock, the last known displacement in the area of Plant McDonough occurred prior to the Mesozoic Era. Therefore, based on current geologic information, AP-2 meets the location restriction requirement for fault areas with regards to displacement in Holocene time as required per §257.62.

I hereby certify that for Georgia Power's Plant McDonough AP-2, the fault area location restriction demonstration meets the requirements of 40 C.F.R. Part 257.62(a).



Gregory L. Hebeler, PhD, P.E.

Georgia Licensed Professional Engineer No. 034749

April 16, 2020

Golder Associates Inc.