INITIAL HAZARD POTENTIAL CLASSIFICATION ASSESSMENT
40 C.F.R. § 257.100(f)(2)(iii) and 40 C.F.R. § 257.73(a)(2)
PLANT HARLLEE BRANCH ASH POND D (AP-D)
GEORGIA POWER COMPANY

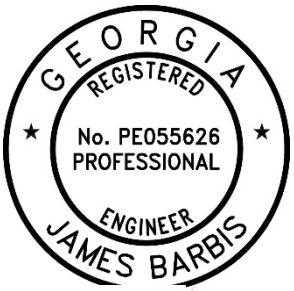
A rule amendment to the Federal CCR Rule became effective on November 8, 2024. S*ee* Hazardous and Solid Waste Management System: Disposal of Coal Combustion Residuals from Electric Utilities; Legacy CCR Surface Impoundments, 89 Fed. Reg. 38950 ("Legacy Rule"). The Legacy Rule defines the term "legacy CCR surface impoundment" and establishes regulatory requirements for units that meet the definition of a legacy CCR surface impoundment. The Legacy Rule requires the owner or operator of a legacy CCR impoundment to conduct an initial hazard potential assessment and document the hazard potential of each CCR surface impoundment as either a high hazard potential CCR surface impoundment, a significant hazard potential CCR surface impoundment, or a low hazard potential CCR surface impoundment and document the basis of the classification. *See* 40 C.F.R. § 257.100(f)(2)(iii); 40 C.F.R. § 257.73(a)(2). In addition, the Rules require a subsequent assessment be performed within 5 years of the previous assessment. *See* 40 C.F.R. § 257.73(f)(3).

The legacy CCR surface impoundment known as Ash Pond D (AP-D) at Georgia Power Company's (Georgia Power) Plant Harllee Branch (Plant Branch) property is located on the northern shore of Lake Sinclair, off State Route 24 (US 441) near Milledgeville and Eatonton in Putnam County, Georgia. AP-D was completed in 1980 and is impounded by a dam on the southwest side and by natural ground on the remaining sides. AP-D encompasses approximately 46 acres and does not hold ponded water.

Georgia Power submitted a CCR handling permit application to the Georgia Environmental Protection Division (GA EPD) in November 2018 in accordance with the Georgia Rules for Solid Waste Management, Chapter 391-3-4-.10 (State CCR Rule). The CCR handling permit application is currently under review by GA EPD. Georgia Power intends to close AP-D in accordance with 40 C.F.R. § 257.102(c) and corresponding State CCR Rule 391-3-4-.10(7)(b) by removing and relocating the CCR to a permitted on-site landfill and/or selling the CCR for beneficial use.

Based on the potential impacts in the unlikely event of a dam failure, a hazard potential classification of Significant Hazard Potential is assigned to AP-D. Inundation mapping for the surface impoundment, developed under the conservative assumption that AP-D's retained water is at the crest of the dam, indicates that structural failure or mis-operation of the unit would not result in probable loss of human life but could result in economic and/or environmental losses. The closure has been designed to have no negative impacts on the surface impoundment's hazard classification.

I hereby certify that the hazard potential classification for Plant Branch AP-D was conducted in accordance with 40 C.F.R. § 257.100(f)(2)(iii) and 40 C.F.R. § 257.73(a)(2).



James D. Barbis

05/06/2026

James Barbis, P.E.
Licensed State of GA, PE No. PE055626