PERIODIC HAZARD POTENTIAL CLASSIFICATION ASSESSMENT
391-3-4-.10(4) and 40 C.F.R. § 257.73
PLANT SCHERER ASH POND (AP-1)
GEORGIA POWER COMPANY

The Federal CCR Rule, and, for Existing Surface Impoundments where applicable, the Georgia CCR Rule (391-3-4-.10) require the owner or operator of a CCR surface impoundment to conduct initial and periodic hazard potential classification assessments. *See* 40 C.F.R. § 257.73(a)(2); Ga. Comp. R. & Regs. r. 391-3-4-.10(4)(b). The owner or operator must classify 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. In addition, the Rules require a subsequent assessment be performed within 5 years of the completion of the previous assessment. *See* 40 C.F.R. § 257.73(f)(3); Ga. Comp. R. & Regs. r. 391-3-4-.10(4)(b). The previous Periodic Hazard Potential Classification Assessment was placed in the Operating Record on October 15, 2021.

The CCR surface impoundment known as the Plant Scherer Ash Pond (AP-1) is located at Georgia Power's Plant Scherer approximately 8 miles northeast of Forsyth, GA. AP-1 is formed by cross valley engineered dams along the north, east, and south sides of the impoundment. Wooded areas bound the impoundment downstream of the dam to the east and north, with Luther Smith Road beyond to the north, and plant owned and operated landfills beyond to the east. Plant facilities are located south of the impoundment dam. Some residential dwellings are located along Luther Smith Road, as well as along GA Route 87/US Highway 23.

The Notification of Intent to Initiate Closure for AP-1 was placed in the Operating Record on October 30, 2020. AP-1 is currently undergoing closure activities. During closure, stormwater and contact water within AP-1 is segregated and managed by a series of conveyance ditches, temporary sediment ponds, and pumps. Contact water is contained within AP-1 and pumped to the on-site Wastewater Treatment System prior to discharge. Stormwater (non-contact water)

is conveyed by gravity flow and pumps to the existing surface water management system. The 2026 Inflow Design Flood Control System Plan, which is based on the current stormwater and contact water management practices and the temporary current pond elevation of 450 feet, indicates a maximum surcharge pond elevation of 475.5 feet. Dewatering and CCR removal from the North Slope area and Eastern Drainage Ditch have been completed.

Based on the potential impacts in the unlikely event of a dam failure, a hazard potential classification of High Hazard Potential was assigned to AP-1 in 2016 and 2021. Based on the current closure conditions described above for AP-1, a hazard potential classification of High Hazard Potential is assigned to AP-1. Closure has been designed to have no negative impact on the classification.

I hereby certify that the hazard potential classification was conducted in accordance with 40 C.F.R. § 257.73(a)(2).



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