

INITIAL HAZARD POTENTIAL CLASSIFICATION ASSESSMENT
40 C.F.R § 257.100(f)(2)(iii) and 40 C.F.R. § 257.73(a)(2)
PLANT MITCHELL ASH POND NO. 1 (AP-1)
GEORGIA POWER COMPANY

A rule amendment to the Federal Coal Combustion Residuals (CCR) Rule (40 C.F.R. Part 257) became effective on November 8, 2024. See 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 to 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 Plant Mitchell Ash Pond 1 (AP-1) is located approximately 8 miles south of Albany, Georgia on Georgia Power’s Plant Mitchell property. AP-1 was one of three former CCR surface impoundments constructed to store CCR from the former coal-fired power plant. AP-1 is approximately 53 acres and was formed by constructing an engineered perimeter dam around the impoundment. It is bounded on the north by Ash Pond A (AP-A) and substation, with wooded land immediately north of the former plant buildings that is owned by the Georgia Power Company; on the east by the Georgia and Florida Railway, with agricultural-use land further east of the railway; on the south by Ash Pond 2 (AP-2) and agricultural-use land located immediately south of the plant’s property boundary; and on the west by Radium Springs Road/Old GA State Highway 3. The Flint River is located over 700 feet to the west of AP-1.

The Notification of Intent to Initiate Closure of AP-1 was placed in the Operating Record in October 2019. AP-1 no longer receives CCR and is currently undergoing closure by removal wherein CCR material is removed and transported by rail and truck for beneficial use or disposal at an approved landfill. In the unlikely event of an embankment failure, CCR and contact water could potentially impact Radium Springs Road/Old GA State Highway 3 and the Flint River to the west and southwest. Based on these potential impacts, a hazard potential classification of Significant Hazard Potential has been assigned to the Plant Mitchell AP-1 legacy CCR

surface impoundment, in that failure or mis-operation of the CCR unit could potentially result in economic loss and/or environmental damage but would not result in probable loss of human life.

I hereby certify that the reassessment of the hazard potential classification for Plant Mitchell AP-1 was conducted in accordance with 40 C.F.R. § 257.100(f)(2)(iii) and 40 C.F.R. § 257.73(a)(2).



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