

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

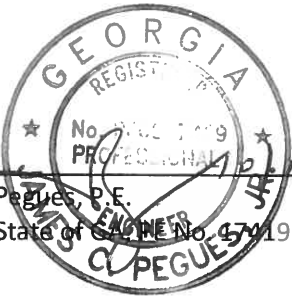
The Federal CCR Rule, and, for Existing Surface Impoundments where applicable, the Georgia CCR Rule (391-3-4-.10) require the owner or operator of a CCR surface impoundment to conduct initial and periodic hazard potential classification assessments. *See* 40 C.F.R. § 257.73(a)(2); Ga. Comp. R. & Regs. r. 391.3-4-.10(4)(b)¹. 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 previous assessment. *See* 40 C.F.R. § 257.73(f)(3); Ga. Comp. R. & Regs. r. 391.3-4-.10(4)(b)¹.

The approximate 254-acre CCR surface impoundment known as Plant Bowen AP-1 is located near Euharlee, Georgia on Plant Bowen property. The Notification of Intent to Initiate Closure was placed in the Operating Record on 12/31/2020 and closure has been designed to have no negative impacts on the classification. AP-1 was formed by the construction of an engineered perimeter dike which bounds the impoundment on the east, south and west sides, and approximately two-thirds of the north dike. The remaining portions of the impoundment are contained by natural ground. Plant generation and other facilities are located to the east, with undeveloped property located to the south and west, and residential property to the north. The Etowah River is located approximately 1000 feet to the northeast of the impoundment. The northern 125 acres of the impoundment is filled with dry-stacked ash. Lined CCR processing areas and a recycle water pond once located on the southern portion of the impoundment are currently being removed as a part of closure construction.

Based on the potential impacts in the unlikely event of an embankment failure, a hazard potential classification of Significant Hazard Potential was initially assigned to AP-1 in 2016. Inundation mapping for the surface impoundment 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. A review of current conditions in and around AP-1 indicates that a Significant Hazard Potential classification is still the appropriate designation.

^[1] In a typographical error, 391.3-4.10(4)(b) references the “structural integrity criteria in 40 CFR 247.73,” when the reference to such criteria should be 40 CFR 257.73.

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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