

PERIODIC HAZARD POTENTIAL CLASSIFICATION ASSESSMENT
391-3-4-.10(4) and 40 C.F.R. PART 257.73
PLANT MCINTOSH ASH POND 1 (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 CCR surface impoundment known as Plant McIntosh AP-1 is located in Effingham County, east of Rincon, Georgia on Plant McIntosh property. AP-1 is formed by an engineered perimeter dike. Plant facilities are located to the north and west of the impoundment. Undeveloped wooded plant property is located to the east and south.

Based on the potential impacts in the unlikely event of an embankment failure, a hazard potential classification of Low 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 result in no probable loss of human life and low economic and/or environmental losses; any losses would be limited to the Owner's property. A review of current conditions in and around AP-1 indicates that a Low Hazard Potential classification is still the appropriate designation. The Notification of Intent to Initiate Closure was placed in the Operating Record on 4/17/2019 and closure has been designed to have no negative impacts on the classification. The facility has been undergoing closure by removal and the impoundment has been substantially dewatered and all CCR has been removed from the impoundment.

^[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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