

**INITIAL WRITTEN CLOSURE PLAN  
40 CFR PART 257.102  
PLANT YATES ASH POND B' (AP-B')  
GEORGIA POWER COMPANY**

**SITE INFORMATION**

**Site Name / Address**

Plant Yates  
708 Dyer Road  
Newnan, GA 30263

**Owner Name / Address**

Georgia Power Company  
241 Ralph McGill Blvd  
Atlanta, GA 30308

**CCR Unit**

AP-B'

**Closure Method**

Closure In-Place

**CLOSURE PLAN DESCRIPTION**

**§ 257.102(b)(1)(i) – Narrative description of how the CCR unit will be closed.**

Plant Yates AP-B' will be closed by leaving CCR in place. In accordance with § 257.102(b)(3), the written closure plan will be amended if there is a change in operation that would substantially affect the written closure plan in effect or if there are unanticipated events that necessitate a revision of the closure plan.

**§ 257.102(b)(1)(iii) – Closure of the CCR unit by leaving CCR in place**

**Methods and Procedures**

AP-B' will be dewatered sufficiently to remove the free liquids and to an extent to provide a stable base for the construction of an ash containment structure for the consolidated footprint, excavation of ash outside the consolidated footprint, and construction of the final cover system. CCR will be excavated from the area outside the consolidated footprint, transported, and disposed of in the consolidated footprint to create a subgrade for the final cover system. Excavation will include removing all visible ash and over excavating into the subgrade soils.

In accordance with § 257.102(d), the final cover system will be constructed to control, minimize or eliminate, to the maximum extent feasible, post closure infiltration of liquids into the waste and potential releases of CCR from the unit. This will be accomplished by providing sufficient grades and slopes to: 1) preclude the probability of future impoundment of water, slurry, or sediment; 2) ensure slope and cover system stability; 3) minimize the need for further maintenance; and 4) be completed in the shortest amount of time consistent with recognized and generally accepted good engineering practices.

### Description of Final Cover System

The final cover system will be designed to minimize infiltration and erosion. The cover system to be used is currently being evaluated and final design is not yet complete. The final cover system, at a minimum, will be designed to meet or exceed the requirements of 40 C.F.R. §257.102(d)(3)(i) or (ii) (traditional and alternative cover system) in that the permeability of the final cover system will be less than or equal to the permeability of the natural subsoils present beneath the surface impoundment, but no greater than  $1 \times 10^{-5}$  cm/sec. Final design will ensure the disruption of the integrity of the final cover system is minimized through a design that accommodates settlement and subsidence, in addition to providing an erosion layer for protection from wind or water erosion.

### **§ 257.102(b)(1)(iv) – Estimate of the maximum inventory of CCR ever on-site over the active life of the CCR unit**

AP-B' currently contains approximately 466,000 cubic yards of CCR. The plant no longer generates electricity using coal as fuel, and no further ash is expected to be placed in the surface impoundment. Future use of the unit will not substantially affect the written closure plan in effect.

### **§ 257.102(b)(1)(v) – Estimate of the largest area of the CCR unit ever requiring a final cover**

AP-B' is about 30 acres in size. The final cover will be applied to the footprint of the CCR unit.

### **§ 257.102(b)(1)(vi) – Closure Schedule**

The milestones and the associated timeframes are initial estimates. Some of the activities associated with the milestones will overlap. Some milestones outlined below reflect approximate time durations for implementing closure, rather than dates, since there is no specific date to initiate closure.

#### **Milestones**

State Agency coordination and permit acquisition – up to 3 years

Dewatering– 3months

Consolidation and stabilization – 6 months

Installation of final cover – 1 year

Estimate of Year in which all closure activities will be completed – 2021

**Certification Statement 40 CFR § 257.102(b)(4)**

**Initial Written Closure Plan**

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**CCR Unit**

AP-B'

I hereby certify that the written closure plan was prepared in accordance with the requirements of 40 CFR § 257.102, and that the final cover system will meet the requirements of § 257.102(d)(3).

James C. Pegues, P.E.  
Licensed State of Georgia, PE No. 17419

