

**NOTIFICATION OF INTENT TO INITIATE CLOSURE
PLANT BOWEN CCR SURFACE IMPOUNDMENT AP-1
GEORGIA POWER COMPANY
EUHARLEE, BARTOW COUNTY, GEORGIA**

Georgia Power Company (GPC) intends to close the CCR surface impoundment known as AP-1 located at Plant Bowen in Euharlee, Bartow County, Georgia. The surface impoundment is closing under the requirements of 40C.F.R. 257.101(b)(1). In accordance with 40 C.F.R 257.103, GPC provided a certification of No Alternative CCR Disposal Capacity which is no longer required. Closure of the surface impoundment will be conducted under §257.102(d), *closure performance standard when leaving CCR in place*. The CCR footprint will be consolidated in a lined storage facility and those areas where CCR will be removed will be closed under the general requirements of §257.102(c). The surface impoundment will be closed in a manner that will control, minimize or eliminate, to the maximum extent feasible, post-closure infiltration of liquids into the waste and releases of CCR, leachate, or contaminated runoff to the ground or surface waters or to the atmosphere. Closure will also preclude the probability of future impoundment of water, sediment or slurry. Measures will be taken during design and construction of the closure system that provide for major slope stability to prevent the sloughing or movement of the final cover system. Closure will also minimize the need for further maintenance of the CCR unit.

The closure construction will be phased and CCR will ultimately be consolidated within AP-1 after it has been retrofitted with a liner and leachate collection system. Prior to installation of the final cover system, free liquids will be eliminated from the surface impoundment using a controlled dewatering process. A site-specific dewatering plan has been approved by Georgia Environmental Protection Division (EPD). This plan details the water within the surface impoundment is routed through an on-site water treatment system and then discharged via the facility's National Pollution Discharge Elimination System (NPDES) permitted outfall. The outfall is monitored in compliance with the facility's NPDES permit.

CCR will first be excavated, followed by grading activities to improve foundation conditions, at which time a liner and leachate collection and recovery system will be constructed. The excavated CCR will then either be shipped offsite for beneficial use or placed in each lined cell within the consolidated footprint, compacted, graded and then topped with a final cover system that will facilitate positive site drainage. The installed final cover system will be designed to minimize infiltration and erosion. The cover system will meet or exceed the requirements of §257.102(d)(3)(i) or (ii) and will include a geomembrane component such 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. The integrity of the final cover system will be supported by a design that minimizes settling and subsidence, in addition to providing protection from wind or water erosion.

By signature below, certification is made that the final cover system will meet the requirements of §257.102(d)(3)(i) or §257.102(d)(3)(ii) of 40 CFR Part 257.


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