

**INITIAL POST-CLOSURE CARE PLAN  
PLANT GASTON GYPSUM POND  
ALABAMA POWER COMPANY**

EPA's "Disposal of Coal Combustion Residuals from Electric Utilities Final Rule (40 C.F.R. Part 257 and Part 261) section §257.104 requires the owner or operator of an existing CCR surface impoundment that is closed in place to provide for post-closure care of the unit for a period of at least 30 years. Post-closure care includes maintenance of the facility, as well as groundwater monitoring in accordance with §§ 257.90 through 257.98.

The CCR surface impoundment located at Alabama Power Company's Plant Gaston that is also referred to as the Plant Gaston Gypsum Pond is currently expected to be closed in place under the provisions of §257.102. Following closure, maintenance will be provided on the final cover system for the required post-closure care period so that the integrity and effectiveness of the final cover system will be maintained. Maintenance activities will include, as needed, repairs to the final cover to correct any effects related to settlement, subsidence, erosion or other events, and will be performed to prevent run-on or run-off from eroding or otherwise damaging the final cover. Maintenance tasks could include, but not be limited to, repair of erosion features, replacement of eroded cover soils and re-establishment of vegetation, where applicable. Maintenance will be performed on a semi-annual schedule, or more frequently if needed.

The groundwater monitoring system required by §257.91 will be maintained throughout the required post-closure care period. Groundwater monitoring, as needed according to the requirements of §§ 257.90 through 257.98, will be performed on a semiannual basis during the required post-closure care period as well.

The following office(s) can be contacted about the facility during the post-closure care period.

Gaston Steam Plant  
Environmental Manager  
31972 Highway 25, Wilsonville, AL 35186  
1-205-669-8075  
G2CCRPstGAS@southernco.com

At the present time, there is no planned use of the facility after closure. If current plans change, they will be noted in an amendment to this post-closure care plan required by §257.104(d)(3). Any future

use of the property after closure will not disturb the integrity of the final cover, liner or any other component of the containment system. Furthermore, the functionality of the groundwater monitoring system will be maintained.

No later than 60 days following completion of the post-closure care period of 30 years, Alabama Power Company will prepare a notification verifying completion of the post-closure care as described in §257.104(e).

I hereby certify that this post-closure care plan has been prepared in accordance with the requirements of 40 C.F.R. Part 257.104.

  
James C. Pegues, P.E.

Licensed State of Alabama, PE No. 16516

