

AMENDED POST CLOSURE CARE PLAN – REVISION 02
40 C.F.R. PART 257.104(d)
CCR UNIT ASH POND 3 (AP-3) AND ASH POND 4 (AP-4)
PLANT MCDONOUGH, GEORGIA POWER COMPANY

This Post Closure Care Plan was prepared for Georgia Power Company Plant McDonough Ash Pond 3 and Ash Pond 4 (AP-3 and AP-4), located in Cobb County, Georgia. This Post Closure Care Plan was prepared in accordance with the United States Environmental Protection Agency’s (EPA) “Disposal of Coal Combustion Residuals from Electric Utilities” Final Rule (40 C.F.R. Part 257 and Part 261) and meets the requirements of 40 CFR §257.104.

AP-3 and the adjacent AP-4 are currently being consolidated and closed in place as combined unit AP-3/4 in accordance with §257.102(d), no longer receive CCR, and are in the process of obtaining a solid waste permit under the Georgia Rules for Solid Waste Management, 391-3-4-.10.

FACILITY INFORMATION

Facility details are as follow:

Site Name / Address

Plant McDonough – Atkinson
5551 South Cobb Drive SE
Atlanta, GA 30339

Owner Name / Address

Georgia Power Company
241 Ralph McGill Boulevard
Atlanta, GA 30308

During the post-closure care period, the following person(s) or office can be contacted about the facility:

Georgia Power Company

Director, Environmental Affairs
241 Ralph McGill Boulevard
Atlanta, GA 30308
404-506-6505
gpcenv@southernco.com

POST-CLOSURE PROPERTY CARE

The owner/operator shall conduct post closure care for the CCR unit which shall consist of at least:

- Maintaining the integrity and effectiveness of the final cover system, including making repairs to the final cover as necessary to correct the effects of settlement, subsidence, erosion, or other events, and preventing run-on and run-off from eroding or otherwise damaging the final cover; and
- Maintaining the groundwater monitoring system and monitoring the groundwater in accordance with the requirements of 40 CFR §257.90 through 40 CFR §257.98.

GPC is proposing to install a solar development on top of the closed AP-3/4 CCR unit. At present, GPC proposing two options for future solar development. The non-penetrating solar development will not disturb the

integrity of the final cover system or other components of the containment system or groundwater monitoring system. The proposed options for future solar development include a non-penetrating ballasted anchor system (Option 1) and a non-penetrating polyethylene friction strips and rail system (Option 2).

The potential installation of the solar panel development may include, but is not limited to, the following components and activities:

- Solar panel infrastructure installation
- Installation of transmission lines for conveyance of solar energy
- Access to solar panel development areas via designed access roads

Portions of the closed unit are proposed to be used for temporary storage or staging of maintenance or replacement materials for the Unit such as additional infill, turf, liner, rock and other materials.

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

INSPECTION AND MAINTENANCE ACTIVITIES

Throughout the post-closure care period, the site shall be inspected at a frequency appropriate to maintain the structural integrity of the cover system. Inspections will be completed to ensure that all CCR remain properly covered by the final closure system and stormwater control systems are maintained in proper working condition.

Any areas noted during inspections that require repair work shall be repaired as soon as reasonably possible. Any repair work on the final closure system shall meet or exceed the design requirements.

Following closure, maintenance and repairs 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, but not be limited to, any needed repairs to the final cover system to correct any damages related to settlement, subsidence, erosion or other events, and will be performed to prevent run-off from eroding or otherwise damaging the final cover. Maintenance tasks could include, but not limited to, repair of erosion features, repairs to any synthetic cover system components, re-establishment of vegetation where applicable, and repairs to accessible portions of pipe outfalls and underdrain collection systems. Maintenance will be performed on a semi-annual schedule, or more frequently if needed. Inspections will be completed by qualified personnel.

GROUNDWATER MONITORING SYSTEM

The groundwater monitoring system will be maintained throughout the required post-closure care period.

Groundwater monitoring, as required by §257.90, will be performed on a semi-annual basis during the required post-closure care period

RECORDKEEPING

The owner/operator shall comply with all recordkeeping requirements of §257.105(i), closure and post-closure care notification requirements specified in §257.106(i) and closure and post-closure care internet requirements in §257.107(i).

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

CERTIFICATION

I certify that this Post-Closure Care Plan was prepared in accordance with 40 C.F.R. §257.104.



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Golder Associates Inc.