

PERMIT NO.: 057-026D (CCR)

ISSUANCE DATE: 11/13/2023



GEORGIA

DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

LAND PROTECTION BRANCH

Closure/Post-Closure Care Permit for Coal Combustion Residuals (CCR)

Permittee Name: Georgia Power Company

Permittee Address: 241 Ralph McGill Blvd., NE, Atlanta, Georgia, 30308

In accordance with the provisions of the Georgia Comprehensive Solid Waste Management Act, and the Rules promulgated pursuant thereto, this permit is issued for the following:

Georgia Power Company Plant Hammond Inactive CCR Surface Impoundment AP-3 located at 5963 Alabama Hwy. SW, Rome, Georgia 30165 in Floyd County. (Latitude: 34.2579° N; Longitude: 85.3386° W)

This Permit is conditioned upon the Permittee complying with the attached Conditions of Closure and Post-Closure Care, which are hereby made a part of this Permit.

All statements in the application and supporting evidence, information, and data submitted to the Environmental Protection Division of the Department of Natural Resources have been evaluated, considered and relied upon in the issuance of this Permit.

This Permit is now in effect; however, under Georgia law it is subject to appeal for 30 days following issuance, and is subject to modification or revocation on evidence of noncompliance: (i) with any provision of the Act or of the Rules promulgated pursuant thereto; or (ii) with any representation made in the above-mentioned application or the statements and supporting data entered therein or attached thereto; or (iii) with any condition of this Permit.



Jeffrey W. Cown

Jeffrey W. Cown, Director
Environmental Protection Division

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Conditions for Closure/Post-Closure Care of Coal Combustion Residuals (CCR) Unit

1. The following permit application documents submitted by the Permittee and approved by the Environmental Protection Division (EPD) on June 10 and 11, 2021 for this CCR Unit are hereby made a part of this permit:
 - a. Closure Plan
 - b. Post-Closure Care Plan
 - c. Groundwater Monitoring Plan
 - d. Closure Drawings
 - e. Construction Quality Assurance Plan

Any Division-approved Modifications to the permit application documents shall also become part of this permit. Conditions of this permit supersede any provisions of the permit application documents which may conflict.

2. The Permittee shall conduct post-closure care for a period of at least thirty (30) years, after the issuance of this Permit, in accordance with the Rules for Solid Waste Management, Chapter 391-3-4-.10. The Director may extend the period where necessary to adequately protect human health and the environment.
3. The area certified as closed in accordance with the Rules for Solid Waste Management, Chapter 391-3-4-.10, is that designated in the “CCR Surface Impoundment DEED NOTICE INCLUDING NOTICE OF CLOSURE” recorded by the Floyd County Clerk of the Superior Court in deed book 2646, pages 1182-1186, on September 29, 2020.
4. As part of post-closure care, the Permittee shall maintain 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.
5. As part of closure and post-closure care, the Permittee shall maintain the groundwater monitoring system and monitor the groundwater in accordance with the approved groundwater monitoring plan and the Rules for Solid Waste Management, Chapter 391-3-4-.10. Changes to the groundwater monitoring system may be required under the Rules for Solid Waste Management, Chapter 391-3-4-.10, as requested and/or approved by EPD during the closure and post-closure care period. Such changes may be due to changing potentiometric conditions, evaluation of groundwater monitoring data, and revisions to the site conceptual model.
6. The Permittee must update the groundwater model to show groundwater elevations and amount of ash in groundwater every 5 years after the date of Permit issuance for the duration of the post closure care period.

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7. The Permittee shall implement Advanced Engineering Measures (AEM) through installation of a minimum of 254 TreeWells within 12 months of Permit issuance.
 - a. The Permittee must maintain a minimum of 170 TreeWells with healthy trees as determined through annual tree health assessments by an arborist certified by the International Society of Arboriculture and licensed to perform work in Georgia.
 - b. Harvested, felled, or dead trees must be properly disposed of in accordance with the Rules for Solid Waste Management, Chapter 391-3-4.
 - c. The Permittee must evaluate and report effectiveness of the AEM every five (5) years after Permit issuance for the duration of the post-closure care period.
8. Post-closure use of the property shall not be allowed to disturb the integrity of the final cover, liner(s), or any other components of the containment system, or the function of the monitoring systems, unless the Permittee demonstrates to the Division that:
 - a. the activities will not increase the potential threat to human health or the environment; or
 - b. the activities are necessary to reduce a threat to human health or the environment.
9. As part of closure and post-closure care, all-weather access roads shall be provided to the CCR Unit and provisions shall be made for maintenance and prompt repair when needed.
10. Access to the facility containing the CCR Unit shall be secured and/or controlled by authorized entrances which shall be closed when closure or post-closure activities are not being performed.
11. The Permittee shall maintain the records specified by the Rules for Solid Waste Management, Chapter 391-3-4 in a form suitable for submission and/or inspection by EPD, as applicable.
12. The Permittee shall comply with the Notification requirements in accordance with the Rules for Solid Waste Management, Chapter 391-3-4-.10, as applicable.
13. The Permittee shall comply with the publicly accessible Internet site requirements in accordance with the Rules for Solid Waste Management, Chapter 391-3-4-.10. The information required to be posted to the CCR Web site must be made available to the public for at least five years following the date on which the information was first posted to the CCR Web site.

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14. The Permittee must initiate an assessment of corrective measures as specified in the Rules for Solid Waste Management, Chapter 391-3-4-.10, if an Appendix IV constituent has been detected at a statistically significant level exceeding the groundwater protection standard or conditions indicate a threat to human health or the environment as determined by the Director. Based on the results of the assessment of corrective measures, the Permittee must select an interim measure (if applicable) and/or remedy as specified in the Rules for Solid Waste Management, Chapter 391-3-4-.10. The selected interim measure and/or remedy must be approved by the Division and then implemented in accordance with the Rules for Solid Waste Management, Chapter 391-3-4-.10. The Permittee shall demonstrate that the remedy is complete through submittal of a written certification provided by a professional geologist or engineer registered in Georgia.
15. The Permittee shall fully satisfy all applicable financial responsibility requirements for post-closure care in accordance with the Rules for Solid Waste Management, Chapter 391-3-4-.10.
16. In accordance with the Rules for Solid Waste Management Chapter 391-3-4, the Permittee shall ensure that any CCR removed from the subject CCR Unit is beneficially used or transferred to a solid waste handling facility that has been permitted to receive such waste and has an EPD approved CCR Management Plan, if applicable. The permittee or any subsequent owner or operator must request and receive written approval from the Division to remove soils or CCR from the property within the permit boundary.
17. CCR handling activities, if any, shall be conducted in accordance with the approved Permit documents in order to prevent air, water and land impacts or public health hazards above applicable regulatory thresholds that are not otherwise subject to corrective action or remedial processes under applicable state CCR rules. Fugitive dust from the CCR Unit shall be controlled at all times.
18. At the end of post-closure care, the Permittee shall notify and submit to the Director a signed certification by a Professional Engineer, registered to practice in Georgia, verifying that post-closure care has been completed for this facility in accordance with the Rules for Solid Waste Management, Chapter 391-3-4-.10, and in accordance with this Permit and that no imminent threat to human health or the environment exists.
19. The Permittee shall comply with all other applicable state and local laws, rules and ordinances which are not incorporated as conditions of this permit, but which are separately enforced by the relevant state or local agency with jurisdiction.