

PERMIT NO.: 051-008D (CCR)

ISSUANCE DATE: Mar 16, 2023



GEORGIA

DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

LAND PROTECTION BRANCH

Post-Closure 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 operation:

Effingham County - Georgia Power Plant McIntosh CCR Landfill 3, located at 981 Old Augusta Road Central, Rincon, Georgia, 31326 (Latitude: 32.3394; Longitude: -81.1982)

This permit is conditioned upon the permittee complying with the attached conditions of post-closure, 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.



Richard E. Dunn, Director
Environmental Protection Division

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Conditions for Coal Combustion Residuals (CCR) Landfill

1. The existing landfill Permit Number 051-008D(LI) is incorporated into and subject to the requirements of Permit Number 051-008D (CCR). All previous solid waste handling permits, and permit modifications are hereby superseded.
2. The following permit application documents submitted by the Permittee and approved by the Environmental Protection Division (EPD) on January 23, 2023 and January 27, 2023 for this CCR Unit are hereby made a part of this permit:
 - a. Post-Closure Plan
 - b. Groundwater Monitoring Plan
 - c. Permit Drawings

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.

3. The Permittee shall comply with post closure criteria required by the Rules for Solid Waste Management, Chapter 391-3-4-.10.
4. Closure of the landfill was completed under permit No. 051-008D(LI), and the Director issued a Closure Certificate (dated March 21, 2008), which is superseded by this permit. The Permittee shall continue conducting post-closure care in accordance with this permit for the remainder of the post-closure period, such that the period is at least thirty (30) years. This period may be extended by the Director where necessary to adequately protect human health and the environment.
5. 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.
6. The permittee shall inspect and perform maintenance activities on the CCR Landfill in accordance with the approved post-closure care plan. These activities shall be conducted only under the direct supervision of a responsible individual properly trained in the operation and maintenance of such facilities.
7. 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 and the environment, or
 - b. The activities are necessary to reduce a threat to human health or the environment.

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8. The CCR Landfill shall be managed 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.
9. Stormwater control devices shall be maintained to control all surface waste runoff in accordance with the most recent edition of the Manual for Erosion and Sedimentation Control in Georgia, as applicable.
10. All-weather access roads shall be provided to the CCR Landfill and provisions shall be made for maintenance and prompt repair when needed.
11. Access to the CCR Landfill shall be restricted to authorized entrances that are secured and/or controlled at all times.
12. Site survey control shall be provided and maintained to ensure compliance with the approved permit documents.
13. 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.
14. The Permittee shall comply with the Notification requirements in accordance with the Rules for Solid Waste Management, Chapter 391-3-4-.10, as applicable.
15. 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 Website 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, as applicable.
16. The Permittee shall fully satisfy all applicable financial responsibility requirements in accordance with the Rules for Solid Waste Management, Chapter 391-3-4-.10.
17. 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. Such changes may be due to changing potentiometric conditions, evaluation of groundwater monitoring data, and revisions to the site conceptual model.

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18. The Permittee shall 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. Upon concurrence by the Division, the selected interim measure and/or remedy must be 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.
19. 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.
20. The area certified for closure and regulated by the conditions set forth in this document is that designated in the “LANDFILL DEED NOTICE” recorded by the Effingham County Clerk of Superior Court in deed book 1576 on page 144, on January 25, 2007.
21. At the end of post-closure care, the Permittee must 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, and in accordance with the Post-Closure Permit and that no imminent threat to human health or the environment exists.
22. 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.