



**Jeffrey W. Cown, Director**

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**Land Protection Branch**  
4244 International Parkway  
Suite 104  
Atlanta, Georgia 30354  
404-362-2537

Mar 31, 2025

Ms. Jennifer McNelly  
Vice President, Environmental Affairs  
Georgia Power  
241 Ralph McGill Boulevard NE  
Atlanta, GA 30308-3374

Subject: Application No. APL-0338 dated November 20, 2018  
Plant McDonough-Atkinson Ash Pond 2,3/4 Inactive CCR Surface Impoundment  
Permit No. 033-099D(CCR)  
GEOS Submittal ID: 527742

Dear Ms. McNelly:

The Georgia Environmental Protection Division (EPD) has completed its review of Georgia Power's permit application for the Plant McDonough-Atkinson Ash Ponds 2, 3/4 located in Smyrna, Georgia (Cobb County) and has prepared the attached draft CCR Permit. You have the opportunity to provide comments on this draft permit prior to the expiration of the public comment period described below.

Georgia EPD policy requires the public to be notified of the draft CCR Permit and to be given the opportunity for written comment prior to our making a final determination and issuing a permit. Files are currently available for review and copying from 8:00 a.m. to 4:00 p.m., Monday through Friday, excluding holidays, by appointment, at the Atlanta-Tradeport office of the Land Protection Branch. The 60-day public comment period, which begins the day the draft permit is posted on the EPD website, is also your official period for submitting comments. In addition, EPD will be conducting a virtual public meeting on April 29, 2025 at 6:00 PM Eastern Time using Zoom. Details on joining the meeting can be found in the "Notice of the Opportunity for Public Comment" on EPD's website at <https://epd.georgia.gov/ccr-draft-permits>.

If you have any questions or need more information, please contact me at (470) 251-2715 or via e-mail at [William.Cook@dnr.ga.gov](mailto:William.Cook@dnr.ga.gov).

Sincerely,

William Cook  
Manager  
Solid Waste Management Program

cc (via email): Tyler Boyles, Lauren Petty - Georgia Power Company  
Keith Stevens, Beverly Tipton - EPD

PERMIT NO.: 033-099D (CCR)

ISSUANCE DATE: \_\_\_\_\_



# GEORGIA

DEPARTMENT OF NATURAL RESOURCES

## ENVIRONMENTAL PROTECTION DIVISION LAND PROTECTION BRANCH

### Closure/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:

Cobb County - Georgia Power Plant McDonough-Atkinson Inactive CCR Surface Impoundments AP-2 and combined unit AP-3/4 located at 5551 South Cobb Drive SE, Smyrna, Georgia, 30080. (Latitude: 33.8289; Longitude: -84.4775)

This permit is conditioned upon the permittee complying with the attached conditions of 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.



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Jeffrey W. Cown, Director  
Environmental Protection Division

Permit Number: 033-099D (CCR)

Issued to: Georgia Power Company – Plant McDonough-Atkinson AP-2 and AP-3/4

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**Conditions of Closure by Removal For AP-2 and Closure In-Place For AP-3/4**

1. The following permit application documents submitted by the Permittee and approved by the Environmental Protection Division (EPD) on March 24, 2025 for this CCR Unit are hereby made a part of this permit:
  - a. Construction Quality Assurance Plan
  - b. Closure Plan
  - c. Post-Closure Care Plan
  - d. Groundwater Monitoring Plan
  - e. Closure 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.

2. The Permittee shall comply with the closure and post-closure criteria required by the Rules for Solid Waste Management, Chapter 391-3-4-.10.
3. Stormwater runoff from disturbed areas not covered under an applicable National Pollutant Discharge Elimination System (NPDES) permit shall be controlled by use of appropriate erosion and sedimentation control measures or devices. Best management practices (BMPs) from the most recent edition of the Manual for Erosion and Sedimentation Control in Georgia shall be utilized.
4. Stormwater runoff during closure activities shall be managed in accordance with the NPDES permits and, as applicable, the associated Stormwater Pollution Prevention Plans or Dewatering Plans.
5. Site survey control shall be provided and maintained to ensure compliance with the approved permit documents.
6. 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.
7. Access to the facility containing the CCR Unit shall be restricted to authorized entrances that are secured and/or controlled at all times.
8. 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.
9. The Permittee shall comply with the Notification requirements in accordance with the Rules for Solid Waste Management, Chapter 391-3-4-.10, as applicable.

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Issued to: Georgia Power Company – Plant McDonough-Atkinson AP-2 and AP-3,4

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**Conditions of Closure by Removal For AP-2 and Closure In-Place For AP-3/4**

10. 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, as applicable. 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.
11. The Permittee shall fully satisfy all applicable financial responsibility requirements for closure and post-closure care in accordance with the Rules for Solid Waste Management, Chapter 391-3-4-.10.
12. 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.
13. 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 process initiated prior to permit issuance or any additional assessment of corrective measure required under this Condition, 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 Engineer who is a qualified groundwater scientist registered in Georgia.
14. CCR handling activities 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 in accordance with the Fugitive Dust Control Plan.

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**Conditions of Closure by Removal For AP-2 and Closure In-Place For AP-3/4**

15. The Permittee shall complete closure of AP-3/4 by December 7, 2026 in accordance with the Rules for Solid Waste Management, Chapter 391-3-4-.10. If the Permittee cannot complete closure by December 7, 2026, time extensions may be obtained to complete closure of the unit two times in two-year increments. For each two-year extension sought, the Permittee must substantiate and certify the factual circumstances demonstrating the need for the extension.
16. Upon completion of closure activities, the Permittee shall submit to the Director a closure report prepared by a Professional Engineer, registered in Georgia, certifying that closure activities have been completed for AP 3/4 in accordance with the approved permit documents. If the Director concurs with the closure report, closure will be deemed complete, and the facility may begin the post-closure care period.
17. Concurrent with the submission of the closure report to the Director, the Permittee shall submit confirmation to the Director that a notation on the property deed has been recorded. This recording must in perpetuity notify any potential purchaser of the property that the land has been used as a CCR unit and that its use is restricted under the post closure care requirements of this Rule.
- 18 The Permittee shall maintain the under-slope drain and temporary Advanced Engineering Measures (AEM) wells for enhanced water removal. The Permittee shall provide semi-annual status reports until water levels have reached steady state, as described in the permit application documents, for at least four (4) consecutive reporting periods. Following completion of the enhanced water removal, the Permittee may submit a demonstration that the temporary AEM wells have met the objectives described in section 2.5.2 of the approved post-closure plan for this permit. This demonstration must be made by the Permittee and approved by the Division at which time the Permittee may decommission the temporary AEM wells. If the objective is not achieved within 30 months, the Permittee shall provide a milestone schedule and plan within 60 days to evaluate further options for achieving the predicted model conditions.

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**Conditions of Closure by Removal For AP-2 and Closure In-Place For AP-3/4**

19. CCR removal activities for AP-2 have been completed and a CCR Removal Certification Report was submitted to the Division on March 30, 2020 in accordance with the Rules for Solid Waste Management, Chapter 391-3-4-.10 and subsequently acknowledged by the Division in a letter dated October 14, 2020. Groundwater monitoring for AP-2 may be discontinued after 5-years from the date of permit issuance, if constituents do not statistically exceed groundwater protection standards in Appendix IV as referenced in 391-3-4-.10, using the methods and performance standards of 391-3-4-.10. Prior to the Division granting release from monitoring, a demonstration certified by a Qualified Groundwater Scientist shall be made to and approved by EPD that the groundwater monitoring data is compliant with 391-3-4-.10, as applicable.
20. The Permittee shall conduct post-closure care for a period of at least thirty (30) years, following closure of AP-3/4, 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.
21. As part of post-closure care of AP-3/4, 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.
22. 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.
23. As part of closure and post-closure care, and 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.

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**Conditions of Closure by Removal For AP-2 and Closure In-Place For AP-3/4**

24. At the end of the post-closure care period of AP-3/4, 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.
  
25. 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.