GEORGIA
DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

Richard E. Dunn, Director

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

Apr 19, 2023

Jennifer McNelly
Georgia Power Company
241 Ralph McGill Blvd., NE
Atlanta, GA 30308

Re: Application No. APL 0513 received November 20, 2018
Plant McIntosh CCR Landfill 4, Permit No. 051-010D (CCR)
Effingham County

Dear Ms. McNelly:

Your application for a Solid Waste Handling Permit, including the necessary supplemental data for your operation, has been reviewed and approved.

Your permit, No. 051-010D (CCR), is attached and includes conditions and limitations for your operation.

Personnel of the Environmental Protection Division will make periodic inspections of your operations. These inspections will be discussed with you or your personnel.

This permit is now in effect; however, under Georgia Law it is subject to appeal for thirty (30) days following issuance and is subject to modification or possible vacation if appealed. Should an appeal be received within the thirty (30) day appeals period, you will be immediately notified and further construction or operation under this permit may not be undertaken until such time as the appeals process is concluded.

If you have any questions or need more information, please contact Keith Stevens at (470) 251-2515 or via e-mail at Keith.Stevens@dnr.ga.gov.

Sincerely,

William Cook

William Cook
Manager
Solid Waste Management Program

cc: Tyler Boyles, Lauren Petty, David Gibbons; Georgia Power Company
Beverly Tipton, Keith Stevens; EPD

PERMIT NO.: 051-010D (CCR)
ISSUANCE DATE: 04/19/2023

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LAND PROTECTION BRANCH

Handling 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 4, located at 981 Old Augusta Road Central, Rincon, Georgia, 31326 (Latitude: 32.3544; Longitude: -81.2011)

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

Conditions for Coal Combustion Residuals (CCR) Landfill

1. The existing landfill as permitted under Permit Number 051-010D(LI) is incorporated into and subject to the requirements of Permit Number 051-010D (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 February 13, 2023 for this CCR Unit are hereby made a part of this permit:
    a. Operating Plan
    b. Construction Quality Assurance Plan
    c. Closure Plan
    d. Post-Closure Plan
    e. Groundwater Monitoring Plan
    f. 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 the location restrictions and site limitations, the design criteria, the operating criteria, and the closure criteria required by the Rules for Solid Waste Management, Chapter 391-3-4-.10.

4. The CCR Landfill shall not be located in wetlands, as defined by the U.S. Army Corps of Engineers, unless evidence is provided to the Director, by the applicant, that use of the wetlands has been permitted or otherwise authorized under all applicable state and federal laws and rules. The owner or operator must place a demonstration of compliance in the operating record and notify the Director that it has been placed in the operating record.

5. Upon completion of a Cell construction, and prior to receipt of waste, the Permittee shall provide the EPD with written certification, by a professional engineer licensed to practice in Georgia, that the Cell has been constructed in accordance with this permit.

6. Upon completion of any major construction phase, including but not limited to sediment ponds, leachate treatment systems, installation of environmental monitoring wells, modifications adding a new solid waste handling process, and application of final cover, the Permittee shall provide the EPD with written certification, by an appropriate professional geologist or professional engineer licensed to practice in Georgia, that the major construction phase has been constructed in accordance with this permit.

7. The CCR Landfill shall be operated only under the direct supervision of a responsible individual properly trained in the operation of such facilities.

Conditions for Coal Combustion Residuals (CCR) Landfill

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. Fugitive dust from the CCR Landfill shall be controlled at all times in accordance with the Operating Plan.

9. Waste disposal shall be limited to CCR and non-CCR waste as described in the approved Operating Plan.

10. CCR and non-CCR waste unloading shall be restricted to the working face of the operation in such a manner that waste may be easily incorporated into the landfill with available equipment.

11. CCR and non-CCR waste shall be spread in uniform and continuous layers and compacted to its smallest practical volume. Placement of waste shall be conducted in accordance with the Operating Plan.

12. The CCR Landfill shall be graded and drained to minimize run-on on to the landfill surface, to prevent erosion, and to drain water from the surface of the landfill. Best Management Practices (BMPs) from the most recent edition of the Manual for Erosion and Sedimentation Control in Georgia, shall be utilized. Stormwater runoff shall be managed in accordance with the NPDES permits, as applicable.

13. 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.

14. The Permittee shall maintain the integrity and effectiveness of the leachate collection and removal system and operate the leachate collection and removal system in accordance with the approved permit documents.

15. If, during excavation of the site, any springs or seeps are discovered, EPD shall be notified immediately, and protective designs shall be incorporated into the facility's permit documents, such that sampling of the spring or seep can be incorporated into the groundwater monitoring plan.

16. All-weather access roads shall be provided to the CCR Landfill and provisions shall be made for prompt equipment repair or replacement when needed.

17. Access to the CCR Landfill shall be restricted to authorized entrances that are secured and/or controlled at all times.

Conditions for Coal Combustion Residuals (CCR) Landfill

18. Site survey control shall be provided and maintained to ensure compliance with the approved Permit documents.

19. 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.

20. The Permittee shall comply with the Notification requirements in accordance with the Rules for Solid Waste Management, Chapter 391-3-4-.10, as applicable.

21. 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 Website.

22. The Permittee shall fully satisfy all applicable financial responsibility requirements in accordance with the Rules for Solid Waste Management, Chapter 391-3-4-.10.

23. 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 and evaluation of groundwater monitoring data.

24. 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.

25. The Permittee shall comply with the measuring and reporting requirements of the CCR waste disposed in the landfill and the CCR removed, recovered, or diverted for beneficial use in accordance with the Rules for Solid Waste Management Chapter 391-3-4-.17.

26. The CCR Landfill shall be closed in accordance with the Rules for Solid Waste Management Chapter 391-3-4-.10 and the approved Closure Plan.

Conditions for Coal Combustion Residuals (CCR) Landfill

27. 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 this landfill in accordance with this Permit. If the Director concurs with the closure report, closure will be deemed complete, and the facility may begin the post-closure care period.

28. 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 landfill and that its use is restricted under the post-closure care requirements of the Solid Waste Management Rules Chapter 391-3-4-.10.

29. 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.