



2025 Annual Inspection Report for CCR Landfill

Gulf Clean Energy Center CCR Landfill #1
Pensacola, FL

January 16, 2026

Annual CCR Inspection performed by
Florida Power and Light
PGD Civil Fleet Team

Introduction

On November 6, 2025, an inspection of Gulf Clean Energy Center (GCEC) Coal Combustion Residual (CCR) Ash Landfill 1 was performed in Pensacola, FL. The inspection was performed in accordance with and to meet the requirements of 40 Code of Federal Regulations (CFR) §257.84(b). The inspection was performed by the Florida Power and Light (FPL) Civil Fleet Team (CFT) which is a part of the Engineering and Operations Support and Services group within the Power Generation Division (PGD). The CFT provides civil engineering support for FPL's generating fleet. The inspection was performed by Rachel Mudd Garrett, PE (FL License Number 74170).

Review of Historical Information §257.84 (b) (1) (i)

In accordance with §257.84(b)(1)(i), FPL reviewed available information regarding the status and conditions of the GCEC Landfill #1. The documents and items reviewed included:

- Closure Plan (Rev. 02 July 2023) – Gulf Clean Energy Center Landfill #1
- Run-On and Run-Off Control System Plan (October 2021) – Gulf Clean Energy Center Landfill #1
- Report of Annual Inspection 2024 (January 2025) – Gulf Clean Energy Center Landfill #1
- Weekly inspection logs by site personnel
- Discussions with plant personnel prior to the annual inspection

Inspection Summary – §257.84 (b) (1) (ii)

FPL conducted a visual inspection of the GCEC Landfill #1 on November 6, 2025. The inspection was specifically focused on identifying any signs of distress or malfunction of the CCR unit. The inspection specifically evaluated the conditions of the landfill exterior slopes and surrounding drainage, evaluating for erosion, condition of stormwater management controls, placement of CCR, and any other signs of distress or malfunction.

Changes in Geometry – §257.84 (b) (2) (i)

Since the previous annual inspection, no major changes in geometry or drainage were noted.

Volume of CCR at time of inspection – §257.84 (b) (2) (ii)

The estimated volume of materials contained in the GCEC Landfill #1 at the time of the inspection is approximately 3,612,096 cubic yards of CCR. The CCR volume contained in the unit was estimated based historical volume estimates, and accounts for CCR removed during 2025 for beneficial use. Historical estimates were based on previous calculations done by others using 2020 existing topography, borehole data, and bottom of CCR based on borehole information. No updated topography or physical measurement were done to update this number for 2025.

Structural Weakness or Disrupting Conditions – §257.84 (b) (2) (iii)

At the time of the inspection, no appearances of any actual or potential structural weakness of the CCR unit were noted. Additionally, no existing conditions were noted that appear to be disrupting or have the potential to disrupt the operation and safety of the CCR unit.

Other changes – §257.84 (b) (2) (iv)

At the time of the inspection and based on conversations with site personnel, no other changes which may have affected the stability or operation of the CCR unit were observed or have been observed since the previous annual inspection.

Certification

Based on the review of the above information along with a visual site inspection on November 6, 2025, it is my opinion that this annual inspection report has been completed in accordance with 40 CFR 257.84(b).



Rachel Mudd Garrett, PE
Manager, Civil Engineering Fleet Team
FL PE License No. 74170

1/16/2026

Date



This item has been digitally signed and sealed by Rachel Mudd Garrett, PE on the date adjacent to the seal.

Signature must be verified on any electronic copies.