

POST-CLOSURE PLAN

**Entergy Arkansas, LLC
Independence Plant CCR Landfill
Newark, Arkansas**

**Permit No. 0200-S3N-R2
AFIN: 32-00042**

**April 2026
Promus Project No. 250106**

Prepared for:
Entergy Arkansas, LLC



Prepared by:



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1.0 INTRODUCTION

This Post-Closure Plan was prepared for the Independence Plant CCR Landfill (Facility) in accordance with 40 C.F.R. Part 257, Subpart D and is consistent with the requirements of 40 C.F.R. § 257.104(d) for post-closure care of coal combustion residuals landfills. The information contained in this Post-Closure Plan will be used to assist Entergy Arkansas, LLC (Entergy) with the implementation and monitoring required during the post-closure care period. The Facility, which is located approximately 2.5-miles southeast of Newark in Independence County, Arkansas, is owned by Entergy. The CCR Landfill was originally permitted by the Arkansas Division of Environmental Quality (DEQ) in 1982. The current DEQ-permitted layout of the CCR Landfill includes a total of 22 disposal cells. Cells 1 through 15 were constructed prior to October 19, 2015, the effective date of the first federal CCR regulations. Cells 12 through 15 currently comprise the active disposal area of the CCR Landfill, having received CCR materials after October 19, 2025. The original Post-Closure Plan under 40 C.F.R. § 257.104 for the CCR Landfill was posted to the facility operating record and CCR website in 2016. Cell 16 has been constructed and prepared in accordance with 8 CAR § 60 and 40 C.F.R. Part 257, Subpart D and will begin receiving waste as soon as 2026, necessitating this Closure Plan pursuant to 40 C.F.R. § 257.104. Pursuant to 40 C.F.R. § 257.104(d)(4)(i), Entergy must obtain a written certification from a qualified professional engineer, licensed in the state in which the project is conducted, that this written Post-Closure Plan and any amendments hereto meet the requirements of 40 C.F.R. § 257.104.

2.0 POST-CLOSURE PLAN

2.1. Facility Contact Information

The post-closure maintenance of the landfill will be the responsibility of Entergy. Correspondence should be directed to:

Entergy Arkansas, LLC
555 Point Ferry Road
Newark, AR 72562
Phone: 870-698-4534
Email: Awilso1@entergy.com

2.2. Monitoring and Maintenance Activities

Post-closure monitoring will be conducted quarterly for the first two years and semi-annually thereafter for the remainder of the post-closure period. Monitoring activities will include:

- Site security systems (fences, gates, locks)
- Surface water management systems for erosion and sedimentation
- Leachate collection and removal systems
- Final cover system condition (erosion, settlement, subsidence)
- Vegetation health and coverage
- Groundwater monitoring wells and equipment



2.2.1. Final Cover

Maintenance activities will be required for the final cover system to remain functional. The vegetative cover will be mowed at least annually. The vegetative cover will be amended and fertilized as needed to maintain healthy vegetation. Areas subject to regrading will be revegetated. Burrowing animal damage will be repaired, and woody vegetation will be removed to prevent damage to the low-permeability barrier. If vegetative cover is not adequate in a particular area, fertilizer will be applied and the area reseeded in order to reestablish vegetation..

2.2.2. Leachate Collection and Removal System

Inspection of the accessible portions of the leachate collection systems, including cleanouts, basins(s), and pump stations, will be completed on a quarterly basis. Inspection of the leachate collection lines will be performed in accordance with the proposed schedule.

2.2.3. Groundwater Monitoring System

Groundwater monitoring will be conducted semi-annually in accordance with 40 C.F.R. §257.90 through 257.98. The groundwater monitoring wells and equipment will be operated and maintained so that they perform to the design specifications throughout the life of the monitoring program.

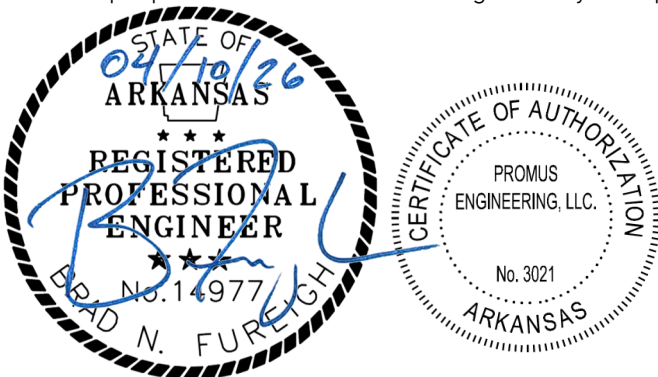
2.3. Property Use

As part of the closure operations, the landfill final cover will be installed, and vegetation will be planted and maintained. No post-closure use is proposed at this time. In the event the post-closure planned use is changed, Entergy will amend this Post-closure Plan to reflect such change.

No later than 60 days following the completion of the post-closure care period, Entergy will prepare a notification verifying that post-closure care has been completed. The notification will include a certification by a qualified professional engineer verifying that post-closure care has been completed in accordance with this Post-closure Plan and the requirements of 40 C.F.R. § 257.104.

3.0 QUALIFIED PROFESSIONAL ENGINEER CERTIFICATION

I, Brad N. Fureigh, PE, of Promus Engineering, LLC. (Promus), being a Registered Professional Engineer in the State of Arkansas, do hereby certify, to the best of my knowledge, information, and belief, that the CCR unit that is the subject of this report, dated April 10, 2026 was prepared in accordance with the requirements of 40 C.F.R. §257.104, and that this report is true and correct and has been prepared in accordance with generally accepted good engineering practices.



Brad N. Fureigh, PE
AR Registered Professional Engineer No.: 14977

April 10, 2026

Date

