



NRG Texas Power LLC
W. A. Parish Station, Units 5, 6, 7, & 8

CCR Landfill Post-Closure Plan

Prepared by



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S&L Project No. 12661-054

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Issue Purpose: Use



1 INTRODUCTION & PURPOSE

Federal CCR Rule Reference: 40 CFR 257.104(d)

Pursuant to 40 CFR 257.104(d), this document provides the written post-closure plan for the existing coal combustion residual (CCR) landfill, Unit 001, at NRG Texas Power LLC's (NRG) W. A. Parish Station. Unit 001 is subdivided into the following four cells:

- Cell 1C,
- Cell 2A,
- Cell 2B, and
- Cell 3.

Following completion of closure, NRG will conduct post-closure care for each of the preceding CCR landfill cells in accordance with the requirements of 40 CFR 257.104(b).

2 MONITORING & MAINTENANCE ACTIVITIES

Federal CCR Rule Reference: 40 CFR 257.104(d)(1)(i)

Post-closure care for each CCR landfill cell will consist of at least the following activities:

2.1 MAINTAIN THE FINAL COVER SYSTEM

Federal CCR Rule Reference: 40 CFR 257.104(b)(1)

Throughout the post-closure care period, NRG will maintain the integrity and effectiveness of the final cover system by performing regular inspections and making repairs as necessary to correct the effects of settlement, subsidence, erosion, or other events. In addition, efforts will be made to prevent run-on and run-off from eroding or otherwise damaging the final cover. These storm water-erosion prevention efforts will include maintenance of the vegetative cover, such as mowing and re-seeding, when required.

2.2 MAINTAIN THE GROUNDWATER MONITORING SYSTEM & MONITOR THE GROUNDWATER

Federal CCR Rule Reference: 40 CFR 257.104(b)(3)

NRG will maintain the groundwater monitoring system and will monitor groundwater quality in accordance with the requirements of 40 CFR 257.90 through 257.98.



3 POST-CLOSURE CARE PERIOD CONTACT INFORMATION

Federal CCR Rule Reference: 40 CFR 257.104(d)(1)(ii)

The following information is provided as a means of contacting NRG about each CCR landfill cell during its post-closure care period:

NRG Energy, Inc.
Houston Headquarters
1201 Fannin Street
Houston, TX 77002
(713) 537-3000
nrgccr@nrg.com

4 PROPERTY USE DURING POST-CLOSURE CARE PERIOD

Federal CCR Rule Reference: 40 CFR 257.104(d)(1)(iii)

NRG intends for each closed landfill cell to remain undisturbed in its post-closure condition for the duration of its post-closure care period.

5 AMENDMENTS TO POST-CLOSURE PLAN

Federal CCR Rule Reference: 40 CFR 257.104(d)(3)

NRG will amend this post-closure plan when the planned post-closure activities are substantially affected by operational changes to a CCR unit within the scope of this plan, or when unanticipated events necessitate a revision to the written post-closure plan. If these planned post-closure activities are revised, NRG will retain a qualified professional engineer licensed in the State of Texas to provide written certification that any and all amendments to this plan meet the requirements of 40 CFR 257.104(d).

6 CERTIFICATION

Federal CCR Rule Reference: 40 CFR 257.104(d)(4)

This document meets the requirements for a written post-closure plan pursuant to 40 CFR 257.104(d).

I certify that this document was prepared by me or under my supervision and that I am a registered professional engineer under the laws of the State of Texas.

This document is released for use under the authority of James H. Staehlin, Texas PE #87527 on September 30, 2016. Sargent & Lundy LLC Texas Registered Engineering Firm #F-2202.

Certified By: JAMES H. STAEHLIN Date: 9-30-2016

Seal:

