



NRG Texas Power LLC  
Limestone Generating Station, Units 1 & 2

## CCR Landfill Post-Closure Plan

Prepared by



55 East Monroe Street  
Chicago, IL 60603-5780 USA  
312-269-2000  
[www.sargentlundy.com](http://www.sargentlundy.com)

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## 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 004 Landfill, at NRG Texas Power LLC's (NRG) Limestone Generating Station. Following completion of closure of Unit 004 Landfill, NRG will conduct post-closure care for the landfill in accordance with 40 CFR 257.104(b).

## 2 MONITORING & MAINTENANCE ACTIVITIES

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

Post-closure care for the CCR landfill 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 stormwater-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 contact information is provided as a means of contacting NRG about the CCR landfill during its post-closure care period:

NRG Energy, Inc.  
Houston Headquarters  
1201 Fannin Street  
Houston, TX 77002  
Phone: (713) 537-3000  
Email: 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 the landfill area to remain undisturbed in the post-closure condition for the duration of the 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 care activities are substantially affected by an operational change to the closed CCR landfill, or when unanticipated events necessitate a revision to the written post-closure plan. If these planned post-closure care activities are revised, NRG will retain a qualified professional engineer licensed in the State of Texas to provide written certification that amendments 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 October 7, 2016. Sargent & Lundy LLC Texas Registered Engineering Firm # F-2202.

Certified by: JAMES H. STAEHLIN Date: 10-7-2016

Seal:

