

# 40 CFR Parts 257

## Checklist for Inspection Requirements for CCR Surface Impoundments

### 257.83 (b)

#### Rush Island Power Station – RCPA (Ash Pond)

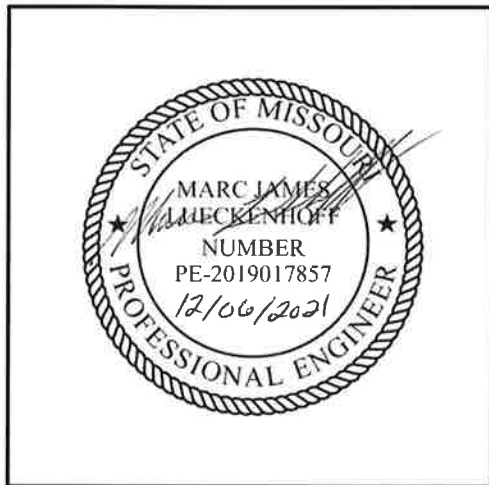
##### 1. Annual Inspection

Requirements	Signs of actual or potential structural weakness	Disruptions or potential disruption to the operation and safety of the unit
CCR Unit and appurtenant structures 257.83(b)(ii)	None Observed	None Observed
Hydraulic structures underlying the base of the CCR unit 257.83(b)(iii)	None Observed	None Observed

The 2021 Annual Inspection included a review of available information regarding the status and condition of the CCR unit, including, but not limited to, files available in the operating record in general accordance with 257.83(b)(i).

Minor maintenance items (e.g. animal burrows, ruts, etc.) associated with routine upkeep observed during the 2021 Annual Inspection, presently do not impact the structural integrity of the embankment. Ameren plans to address these items in a timely manner through Ameren’s work control process.

Engineer’s Seal



Marc Lueckenhoff, P.E.  
License: PE-2019017857  
Date: 12/06/2021

**RUSH ISLAND ENERGY CENTER**  
 Fly Ash/Bottom Ash Pond (RCPA)  
 Annual Inspection Check Sheet

Date	10/27/2021
Inspector	M. Lueckenhoff
Pool Level	NA – Pond Closed
River Level	368
Temperature	50's
Weather	Clear

**Date of Previous Annual Inspection:** 10/30/2020

**Date of Previous Periodic Inspection:** 10/30/2020

**Description of Emergency (EC) or Immediate Maintenance (IM) conditions observed since the last annual inspection:**

None

**Describe any action taken to restore or improve safety and integrity of impounding structure:**

The impoundment is substantially closed and no longer contains impounded water.

**Describe any modifications to the geometry of the impounding structure since the previous annual inspection:**

The interior of the impoundment is capped with a ClosureTurf® geomembrane, an engineered turf composite with a one-half inch layer of sand infill, and an LLDPE geomembrane.

**Describe any modifications to the operation of the impounding structure since the previous annual inspection:**

Impoundment is no longer used for ash handling and disposal, and is substantially closed.

**List the approximate remaining storage capacity of the impounding structure:**

NA

**List the approximate maximum, minimum and present depth and elevation of the impounded water since the previous annual inspection:**

NA. The pond no longer contains impounded water.

**List the approximate maximum, minimum and present depth and elevation of the impounded CCR since the previous annual inspection:**

Max – el. 414 feet, depth 84 feet; Min – el. 400 feet, depth 70 feet

**Approximate volume of impounded water and CCR at the time of the inspection:**

The impoundment is substantially closed. There is no impounded water. The approximate volume of CCR is 12,964,032 CY.

**Describe any changes to the downstream watershed:**

None