

40 CFR Parts 257

Checklist for Inspection Requirements for CCR Surface Impoundments 257.83 (b)

Rush Island Power Station – RCPA (Ash Pond)

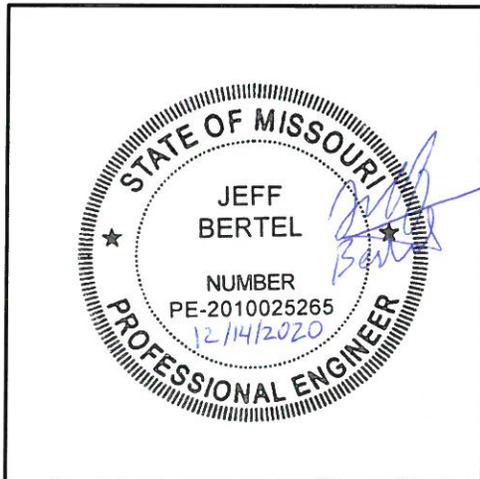
1. Annual Inspection

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 2020 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 2020 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



Jeff Bertel, P.E.

License: PE-2010025265

Date: December 14, 2020

RUSH ISLAND ENERGY CENTER
Fly Ash/Bottom Ash Pond (RCPA)

Annual Inspection Check Sheet

Date	10/30/2020
Inspector	J. Bertel, L. Sutton, A. Martinez, M. Lueckenhoff
Pool Level	NA
River Level	369
Temperature	50°
Weather	Sunny

Date of Previous Annual Inspection: 08/21/2019

Date of Previous Periodic Inspection: 10/07/2015

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 currently being closed and closure was nearly complete. There was no free water within the impoundment. There was active construction on the west side lining the downstream slope with riprap. The remaining downstream slopes have been lined with riprap at an approximate steepness of 3H to 1V and thickness of 2 feet. The outlet has been removed and the outlet channel has been filled.

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

Closure of the surface impoundment is nearly complete.

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

There is no water being discharged into the impoundment.

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:

Max – el. <388 feet, depth 20 feet; Min – el. <386 feet, depth 18 feet; Present – Pond is being closed, no 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; Present – el. 414 feet, depth 84 feet

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

12,964,032 CY of CCR, no impounded free water

Describe any changes to the downstream watershed:

None