

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 2017 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 2017 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 Greer, P.E.
License: PE-2010000822
Date: 12/18/17

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

Date	10/6/2017
Inspector	J. Greer
Pool Level	397 feet
River Level	366 feet
Temperature	70 F
Weather	Cloudy

Date of Previous Annual Inspection: 10/7/2016

Date of Previous Periodic Inspection: 5/17/2017 Post Flood Inspection

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:

None

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

None

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

None

List the approximate remaining storage capacity of the impounding structure:

290,938 CY

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

Max 402.5 feet, Min 392 feet and current 397 feet at 29 feet deep.

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

Max 425 feet, Min 370 feet and current is 425 feet with estimated depth of 95 feet.

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

12,933,570 CY

Describe any changes to the downstream watershed:

None