

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 2016 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 2016 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: 10/25/16

RUSH ISLAND ENERGY CENTER

Fly Ash/Bottom Ash Pond (RCPA)

Annual Inspection Check Sheet

Date	10/6/16
Inspector	J. Greer & M. Clonts
Pool Level	396.5
River Level	380
Temperature	70
Weather	Clear

Date of Previous Annual Inspection: 10/7/2015

Date of Previous Periodic Inspection: NA

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:

East Interior Bank built out to greater than 3:1 H:V per citing on 2015 Annual Inspection.

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:

347,500 CY

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

Max 401 feet, Min 392 feet and current 396.5 feet at 28.5 feet deep.

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

Max 422 feet, Min 370 feet and current is 410 feet with estimated depth of 80 feet.

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

12,877,000 CY

Describe any changes to the downstream watershed:

None