

40 CFR Parts 257

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

Sioux Power Station – SCPA (Bottom Ash Pond)

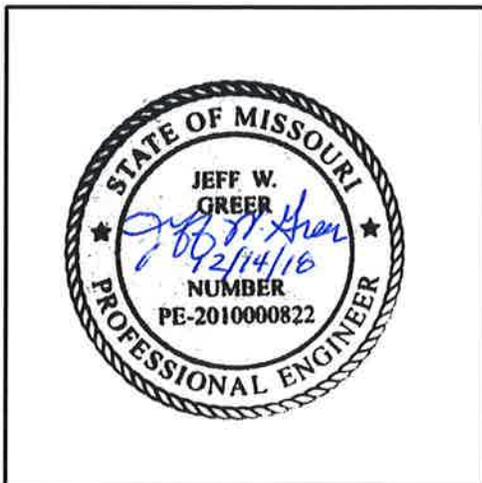
1. Annual Inspection

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 2018 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 2018 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: 12/14/18

SIOUX ENERGY CENTER
Bottom Ash Pond (SCPA)
Annual Inspection Check Sheet

Date	9/7/2018
Inspector	J. Greer
Pool Level	435.5
River Level	14'
Temperature	77 F
Weather	Clear

Date of Previous Annual Inspection: 9/7/2017

Date of Previous Periodic Inspection: None

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:

Completion of requested follow-up activities were made for all MMs noted in 9/7/2017

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

Stacking of ash as part of the SE corner closure.

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

Applying polyliner and clay cap in the SE corner of the pond.

List the approximate remaining storage capacity of the impounding structure:

1,732,555 CY

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

Max 435.6 EL, Min 433 EL, Present 435.5 EL and depth of 13.5 feet.

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

Current and max elevation is 470 feet with estimated depth of 70 feet. Minimum is unknown.

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

1,667,927 CY

Describe any changes to the downstream watershed:

None