

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 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

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

Date	9/7/16
Inspector	J. Greer
Pool Level	435.0
River Level	12.89'
Temperature	80 F
Weather	Clear

Date of Previous Annual Inspection: 9/8/15

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:

Completion of minor maintenance items noted in 9/8/15. After a high rainfall event in December 2015 interior banks along the west side and the widest cross section were armored due erosion.

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:

1,741,482 CY

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

Max 436.4 feet, Min 433 feet, current 435 and depth of 13 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 445 feet with estimated depth of 45 feet. Min is unknown.

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

1,659,000 CY

Describe any changes to the downstream watershed:

None