

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 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



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License: PE-2010025265

Date: December 14, 2020

SIOUX ENERGY CENTER

Bottom Ash Pond (SCPA)

Annual Inspection Check Sheet

Date	10/14/2020
Inspector	J. Bertel, L. Sutton, A. Martinez, M. Lueckenhoff
Pool Level	Below staff gage and spillway inlet.
River Level	419.1
Temperature	60's
Weather	Sunny

Date of Previous Annual Inspection: 09/06/2019

Date of Previous Periodic Inspection: 09/08/2015

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. Approximately 16 acres of the closure has been completed. Sluice water is no longer discharged in the impoundment.

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

The exterior slopes in the southern portion of the pond were flattened to a 2.5 H to 1V. Approximately 16 acres in the southeast corner of the impoundment has been closed. A parking lot and wastewater treatment plant have been constructed above the closed portion of the impoundment.

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

Other than temporary pumping for construction, no water is being pumped into the impoundment.

List the approximate remaining storage capacity of the impounding structure:

1,720,144 CY

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

Max – el. 439.5 ft, depth 39.5 ft; Min – el. 432 ft, depth 32 ft; Present – el. <433 ft, depth <33 ft

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

Max – el. 455 ft, depth 55 ft; Min – el. unknown, depth – unknown; Present – el. 455 ft, depth 55 ft

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

1,680,338 CY

Describe any changes to the downstream watershed:

None