

40 CFR Parts 257

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

Sioux Power Station – SCPA (Bottom Ash Pond)

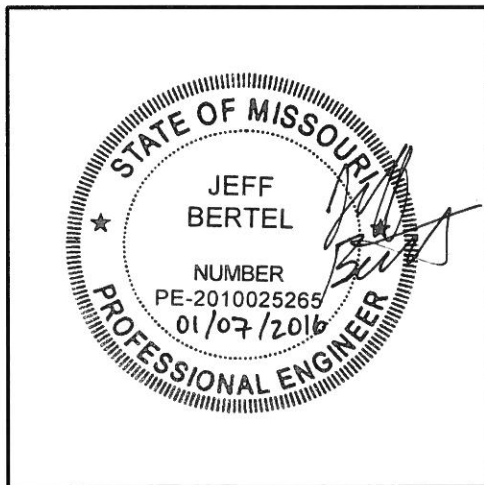
1. Annual Inspection

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 2015 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 2015 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 Bertel, P.E.

License: PE-2010025265

Date: January 7, 2016

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

Date	9/8/15
Inspector	J. Bertel, J. Greer
Pool Level	Unknown
River Level	418.3
Temperature	High 80's
Weather	Partly Cloudy

Date of Previous Annual Inspection: 10/17/2014

Date of Previous Periodic Inspection: Not Applicable

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:

Approximately 1100 feet of the downstream slope on the south side of the pond was cleared of vegetation, graded to a 2.5H to 1V slope and armored with riprap. In addition, a ditch was cut upstream of the access road. A slurry wall was constructed in the the northeast corner of the pond (~300') to cutoff seepage.

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.

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:

1,800,000 CY

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

There are no records of impounded water levels within the last year. The present pool level could not be determined because it was below the level of the reference elevation painted on the discharge structure.

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

Max - el. 445 ft, depth 45 ft; Min - el. Unknown, depth unknown; Present el. 445 ft, depth unknown

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

1,600,000 CY

Describe any changes to the downstream watershed:

None