

## 40 CFR Parts 257

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

#### Sioux Power Station – SCPA (Bottom Ash Pond)

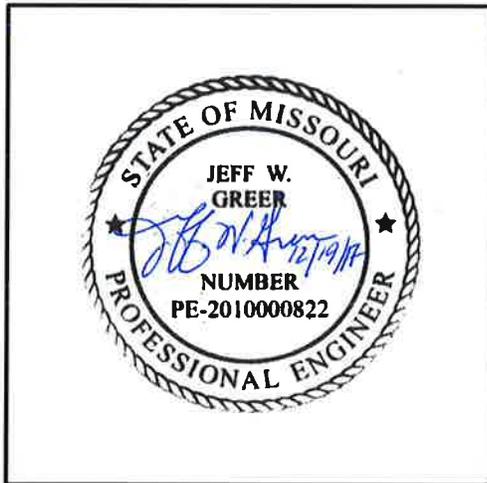
##### 1. Annual Inspection

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 2017 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 2017 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: 12/19/17

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

<b>Date</b>	9/7/2017
<b>Inspector</b>	J. Greer
<b>Pool Level</b>	435.0
<b>River Level</b>	6.85'
<b>Temperature</b>	55 F
<b>Weather</b>	Clear

**Date of Previous Annual Inspection:** 9/7/2016

**Date of Previous Periodic Inspection:** 5/18/2017, Post Flood Conditions

**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 9/7/2016 inspection, prior to this inspection. Vegetation Management issues noted herein were verified complete on 10/3/17.

**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:**

Armored exterior of pond where work to clear vegetation had rutted the surface (NE corner).

**List the approximate remaining storage capacity of the impounding structure:**

1,752,453 CY

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

Max 440 feet, Min 432 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 465 feet with estimated depth of 65 feet. Minimum is unknown.

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

1,648,029 CY

**Describe any changes to the downstream watershed:**

None