

# 40 CFR Parts 257

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

### Sioux Power Station – SCPB (Fly 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



Jeff Bertel, P.E.

License: PE-2010025265

Date: December 14, 2020

**SIOUX ENERGY CENTER**

Fly Ash Pond (SCPB)

Annual Inspection Check Sheet

Date	10/14/2020
Inspector	J. Bertel, L. Sutton, A. Martinez, M. Lueckenhoff
Pool Level	Below Staff Gauge
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. A low area near the northwest corner of the impoundment has been filled or the embankment has been widened for new fly ash handling systems.**Describe any modifications to the geometry of the impounding structure since the previous annual inspection:**The impoundment is currently being closed.**Describe any modifications to the operation of the impounding structure since the previous annual inspection:**Sluice water is no longer discharged in the impoundment.**List the approximate remaining storage capacity of the impounding structure:**Approximately 41,564 CY; however, this is decreasing as ash is placed during closure.**List the approximate maximum, minimum and present depth and elevation of the impounded water since the previous annual inspection:**Max – el. 440.6 feet, depth 14.6 feet; Min – el. 432.2 feet, depth 6.2 feet; Present – el.434.5 feet, depth 8.5 feet**List the approximate maximum, minimum and present depth and elevation of the impounded CCR since the previous annual inspection:**Max – el.458 feet, depth 32 feet; Min – el. 430 feet, depth 4 feet; Present – el. 450 to 455 ft, depth 24 to 29 feet**Approximate volume of impounded water and CCR at the time of the inspection:**2,324,805 CY**Describe any changes to the downstream watershed:**None