

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)	Not Observed	Note Observed
Hydraulic structures underlying the base of the CCR unit 257.83(b)(iii)	Not Observed	Not Observed

The 2018 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 2018 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: 12/14/18

SIOUX ENERGY CENTER
Fly Ash Pond (SCPB)
Annual Inspection Check Sheet

Date	9/7/2018
Inspector	J. Greer
Pool Level	438.5'
River Level	13'
Temperature	77 F
Weather	Clear

Date of Previous Annual Inspection: 9/7/17

Date of Previous Periodic Inspection: None

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:

No citations in 9/7/17 inspection.

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:

76,635 CY

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

Max 440.6 EL, Min 438.2 EL, and present is 438.5 EL with 8.5 feet of depth.

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

Max 460 EL, with current and Min 431 feet at an estimated depth of 1 foot.

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

2,184,376 CY

Describe any changes to the downstream watershed:

None