

40 CFR Parts 257

Checklist for Inspection Requirements for CCR Surface Impoundments

257.83 (b)

Sioux Power Station – SCPB (Fly Ash Pond)

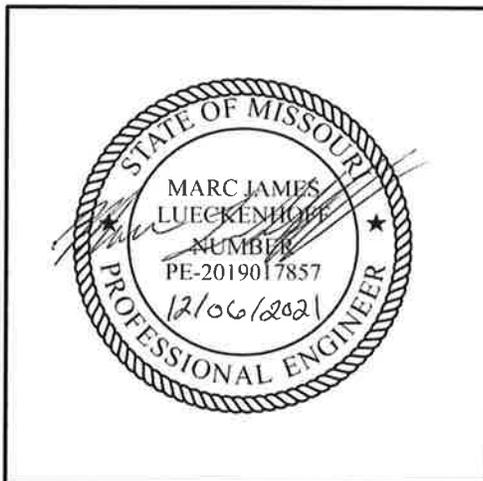
1. Annual Inspection

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 2021 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 2021 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



Marc Lueckenhoff, P.E.
License: PE-2019017857
Date: 12/06/2021

SIoux ENERGY CENTER
 Fly Ash Pond (SCPb)
 Annual Inspection Check Sheet

Date	10/12/2021
Inspector	M. Lueckenhoff
Pool Level	Drained
River Level	419.2
Temperature	70's
Weather	Clear

Date of Previous Annual Inspection: 10/14/2020

Date of Previous Periodic Inspection: 10/14/2020

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. Sluice water is no longer discharged in the impoundment. Riprap is currently being added to the downstream embankments.

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:

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

List the approximate remaining storage capacity of the impounding structure:

NA

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

NA. Pond is being closed, no impounded water.

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 feet, depth 24 to 29 feet

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

2,398,001 CY

Describe any changes to the downstream watershed:

None