

40 CFR Parts 257

Checklist for Inspection Requirements for CCR Surface Impoundments 257.84 (b)

Sioux Power Station – SCL1 (Landfill Cell 4A)

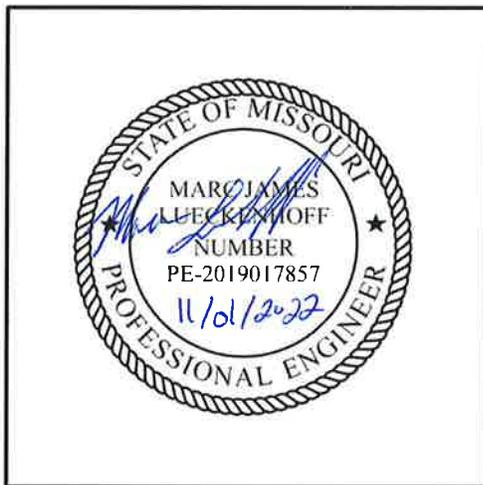
1. Annual Inspection

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 257.84(b)(ii)	None Observed	None Observed

The 2022 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 257.84(b)(i).

Minor maintenance items (e.g. animal burrows, ruts, etc.) associated with routine upkeep observed during the 2022 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



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Date: 11/01/2022

SIOUX ENERGY CENTER

Cell 1 (SCPC), 4A (SCL1) & Recycle Pond

Annual Inspection Check Sheet

Date	10/18/2022
Inspector	M. Lueckenhoff A. Nash B. Gentelin
Recycle Pond Level by Visual Reading	432
Recycle Pond Level Reading through DCS	431.94
Cell 1 Level	441
Weather	Clear
Temperature	30's

Date of Previous Annual Inspection: 10/12/2021Date 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 Recycle Pond emergency spillway was replaced with a concrete spillway.

Describe any modifications to the geometry of the impounding structure since the previous annual inspection:

A portion of the embankments have been removed to help with the construction of Cell 2.

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:

Cell 1 is 55,194 CY, Cell 4A is 276,995 CY

List the approximate maximum, minimum and present depth and elevation of the impounded water in Cell 1 since the previous annual inspection:

	Maximum		Minimum		Present	
	Elevation (ft)	Depth (ft)	Elevation (ft)	Depth (ft)	Elevation (ft)	Depth (ft)
Cell 1	441.1	18.1	431	8	441	18.1

List the approximate maximum, minimum and present depth and elevation of the impounded CCR in Cell 1 and Cell 4A since the previous annual inspection:

	Maximum		Minimum		Present	
	Elevation (ft)	Depth (ft)	Elevation (ft)	Depth (ft)	Elevation (ft)	Depth (ft)
Cell 4A	438	18	435	15	438	18
Cell 1	449	25.1	423	0	442.5	19.5

Approximate volume of CCR at the time of the inspection:

Cell 1 is 1,019,806 CY, Cell 4A is 263,005 CY

Describe any changes to the downstream watershed:

NA. System is closed loop.
