

40 CFR Parts 257

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

Sioux Power Station – SCL1 (Landfill Cell 4A)

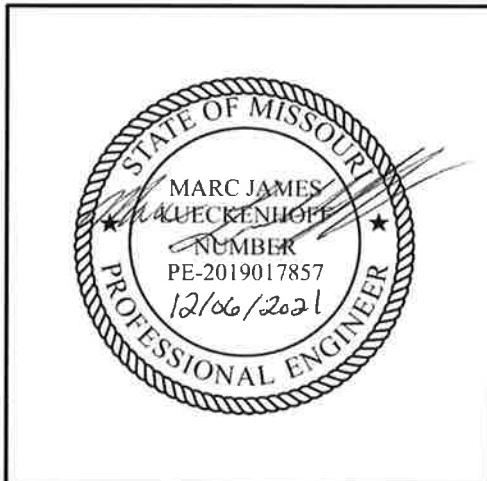
1. Annual Inspection

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 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 257.84(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



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SIoux ENERGY CENTER

Cell 1 (SCPC), 4A (SCL1) & Recycle Pond
Annual Inspection Check Sheet

Date	10/12/2021
Inspector	M. Lueckenhoff
Recycle Pond Level by Visual Reading	435
Recycle Pond Level Reading through DCS	434.48
Cell 1 Level	431
Weather	Clear
Temperature	70's

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:

None.

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:

The water level in Cell 1 was lowered to dig and stack gypsum.

List the approximate remaining storage capacity of the impounding structure:

Cell 1 is 88,198 CY, Cell 4A is 327,418 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	431	8

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 936,802 CY, Cell 4A is 212,582 CY

Describe any changes to the downstream watershed:

NA. System is closed loop.