

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 2023 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 2023 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: 12/21/2023

Sioux Energy Center
 Cell 1 (SCPC), 4A (SCL4A), & Recycle Pond
 Annual Inspection Checklist

Date	10/17/2023
River Level	419.6
Temperature	50's
Weather	Clear
Inspector	M. Lueckenhoff B. Gentelin

Recycle Pond Level by Visual Inspection:	433
Recycle Pond Level Reading through DCS:	432.9
Cell 1 Level:	440
Date of Previous Annual Inspection:	<u>10/18/2022</u>
Date of Previous 5-Year Inspection:	<u>10/14/2020</u>

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:

Cell 2 will be placed in-service in November 2023.

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

Cell 1 is currently inactive and the design for the closure is in process. Interim Cell 2 was placed in-service December 2022. The full Cell 2 will be placed in-service in November 2023.

List the approximate remaining storage capacity of the impounding structure:

Cell 1 is currently inactive and the design for the closure is in process.

Cell 4A 211,000 CY

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

Cell 1 is currently inactive and the design for the closure is in process. The maximum, minimum, and present depth and elevation of the impounded water is 440 ft elevation / 17 ft depth.

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:

Cell 1 is currently inactive and the design for the closure is in process.

Cell 4A

Maximum: 438 ft elevation / 18 ft depth

Minimum: 438 ft elevation / 18 ft depth

Present: 438 ft elevation / 18 ft depth

List the approximate volume of CCR at the time of inspection:

Cell 1 is currently inactive and the design for the closure is in process.

Cell 4A 329,000 CY

Describe any changes to the downstream watershed:

None