

40 CFR Parts 257

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

Sioux Power Station – SCPD (Gypsum Pond Cell 2)

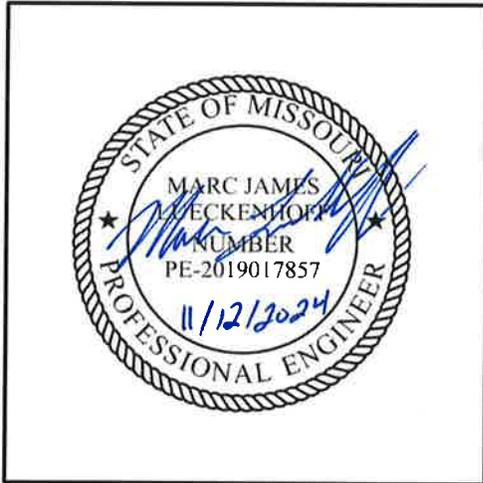
1. Annual Inspection

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 2024 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 2024 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: 11/12/2024

Sioux Energy Center
 Cell 2
 Annual Inspection Checklist

Date	10/17/2024
River Level	419
Temperature	40's
Weather	Clear
Inspector	M. Lueckenhoff B. Gentelin

Date of Previous Annual Inspection: 10/17/2023
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: Cell 2 was placed in-service in November 2023.

Describe any modifications to the operation of the impounding structure since the previous annual inspection: Cell 2 was placed in-service in November 2023.

List the approximate remaining storage capacity of the impounding structure:
781,757 CY

List the approximate maximum, minimum, and present depth and elevation of the impounded water in Cell 2 since the previous annual inspection:

Maximum: 441.1 ft elevation / 8.1 ft depth
 Minimum: 441.1 ft elevation / 8.1 ft depth
 Present: 441.1 ft elevation / 8.1 ft depth

List the approximate maximum, minimum, and present depth and elevation of the impounded CCR in Interim Cell 2 since the previous annual inspection:

Maximum: 441.1 ft elevation / 8.1 ft depth
 Minimum: 441.1 ft elevation / 8.1 ft depth
 Present: 441.1 ft elevation / 8.1 ft depth

List the approximate volume of CCR at the time of inspection: 131,243 CY

Describe any changes to the downstream watershed:
 None