

40 CFR Parts 257

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

Sioux Power Station – SCPC (Gypsum Pond Cell 1)

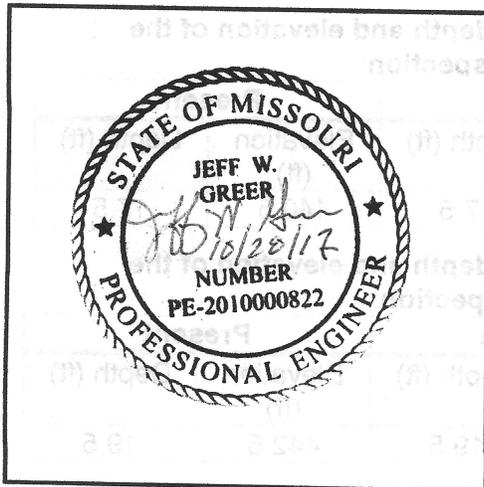
1. Annual Inspection

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 2017 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 2017 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



Jeff Greer, P.E.

License: PE-2010000822

Date: 10/28/2017

SIOUX ENERGY CENTER
Gypsum Pond Cell 1 (SCPC)

Date	10/3/17
Inspector	J. Greer
Cell 1 Level	440.5'
Weather	Cloudy
Temperature	70 F

Date of Previous Annual Inspection: 10/3/2016

Date of Previous Periodic Inspection: 5/18/17 Post Flood Inspection

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:
None

List the approximate remaining storage capacity of the impounding structure:
159,417 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	440.5	17.5	440.5	17.5	440.5	17.5

List the approximate maximum, minimum and present depth and elevation of the impounded CCR 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	442.5	19.5	442.5	19.5	442.5	19.5

Approximate volume of CCR at the time of the inspection:
570,583 CY

Describe any changes to the downstream watershed:
None