

40 CFR Parts 257

Checklist for Inspection Requirements for CCR Surface Impoundments

257.83 (b)

Meramec Power Station – MCPA (Pond 492), MCPB (Pond 493), and MCPC (Pond 496)

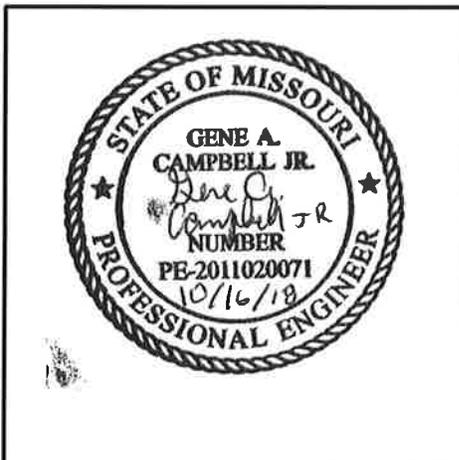
1. Annual Inspection

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 257.83(b)(ii)	None Observed	None Observed
Hydraulic structures underlying the base of the CCR unit 257.83(b)(iii)	None Observed	None Observed

The 2018 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 257.83(b)(i).

Minor maintenance items (e.g. animal burrows, ruts, etc.) associated with routine upkeep observed during the 2018 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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License: PE-2011020071

Date: October 16, 2018

MERAMEC ENERGY CENTER

MCPA (Pond 492), MCPB (Pond 493) and
MCPC (Pond 496)
Annual Inspection Check Sheet

Date	08/30/2018
Inspector	G. Campbell Jim Healey
Pool Level	~ 408.5 ft. (Below Staff Gage)
River Level	382.7
Temperature	70°F
Weather	Mostly Sunny

Date of Previous Annual Inspection: 9/1/17

Date of Previous Periodic Inspection: Not Applicable

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:

Approx. 340,000 CY

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

The maximum water level since the last inspection was above the staff gage. However, adequate freeboard was maintained in the pond. The Minimum water level since the last inspection was below the staff gage. The minimum water level was estimated at 408.5 ft., and the minimum depth was estimated at 4.5 ft. The present water level was below the staff gage. The present elevation was estimated at 408.5 ft., and the present depth was estimated at 4.5 feet.

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

There are no records of impounded CCR depth or elevation within the last year. Present Depth: Max – 10 ft. Min – 4ft. Present elevation: Max 410 ft. Min 404 ft.

Approximate volume of impounded water and CCR at the time of the inspection:

Approx. 305,800 CY

Describe any changes to the downstream watershed:

None