

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)

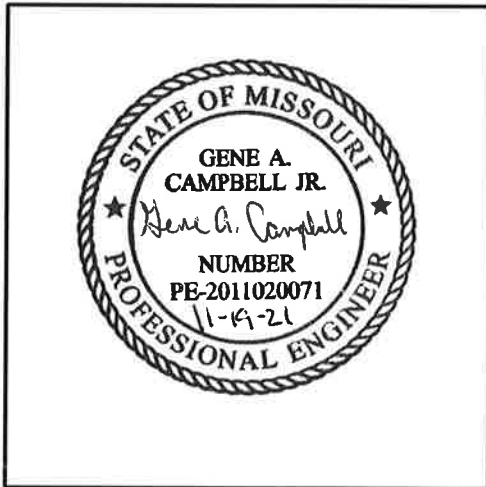
1. Annual Inspection

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 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 257.83(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



Gene Campbell, P.E.

License: PE-2011020071

Date: November 19, 2021

MERAMEC ENERGY CENTER

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

Date	10/25/2021
Inspector	G. Campbell K. Schweiss
Pool Level	Below Staff Gage
River Level	375
Temperature	50°F
Weather	Cloudy

Date of Previous Annual Inspection: 10/27/2020

Date of Previous Periodic Inspection: 10/27/2020

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:

None

List the approximate remaining storage capacity of the impounding structure:

Approx. 314,553 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 gauge. However, adequate freeboard was maintained in the pond. The Minimum water level since the last inspection was below the staff gauge. The maximum, minimum, and present depths are unknown.

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

Max – el.418 ft, depth 20 ft; Min – el. 405 ft, depth 7ft; Present – el. 418 ft, depth 20 ft.

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

Approx. 320,419 CY

Describe any changes to the downstream watershed:

None