

40 CFR Parts 257

Checklist for Inspection Requirements for CCR Surface Impoundments 257.83 (b)

Meramec Power Station – MCPD (Pond 498)

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 2020 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 2020 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 Bertel, P.E.

License: PE-2010025265

Date: December 14, 2020

MERAMEC ENERGY CENTER
MCPD (Pond 498)
Annual Inspection Check Sheet

Date	10/27/2020
Inspector	J. Bertel, L. Sutton, A. Martinez, M. Lueckenhoff
Pool Level	Below Staff Gauge
River Level	El. 372
Temperature	34°F
Weather	Cloudy, Light Rain

Date of Previous Annual Inspection: 08/29/2019

Date of Previous Periodic Inspection: 09/03/2015

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:

115,207 CY

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

Max – el. 417.4 feet, depth 22.4 feet; Min – el. 417.4 ft, depth 22.4 feet; Present – el. unknown

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

Max – el. 426 feet, depth 26 feet; Min – el. 414 ft, depth 14 feet; Present – el. 426 feet, depth 26 feet

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

454,793 CY

Describe any changes to the downstream watershed:

None