

# 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)

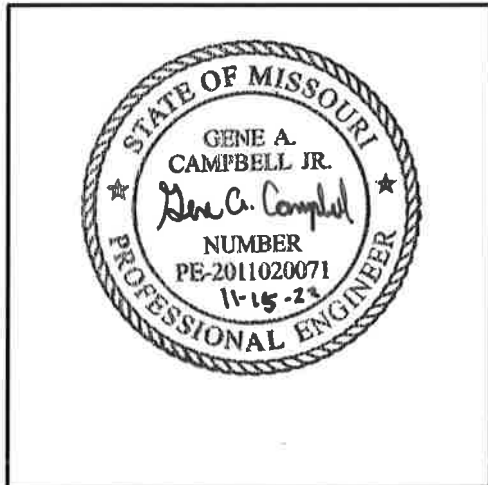
#### 1. Annual Inspection

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 2022 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 2022 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 15, 2022

**Meramec Energy Center**  
MCPA (Pond 492), MCPB (Pond 493),  
and MCPC (Pond 496)  
Annual Inspection Checklist

<b>Date</b>	10/21/2022
<b>Pool Level</b>	Pond is being dewatered
<b>River Level</b>	367
<b>Temperature</b>	70°F
<b>Weather</b>	Sunny
<b>Inspector</b>	Gene Campbell and Alex Nash

**Date of Previous Annual Inspection:** 10/25/2021

**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:**

The plant is currently dewatering the Bottom Ash Pond system for pond closure. The discharge pipe from the Bottom Ash Pond has been lowered to support the dewatering effort.

**List the approximate remaining storage capacity of the impounding structure:**

The Bottom Ash Pond closure will begin in 2023. There will be no more sluiced ash stored in the Bottom Ash Pond.

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

The maximum and minimum water levels were below the staff gauge in an effort to dewater the pond for closure. The maximum, minimum, and present depths are unknown.

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

Approximately 320,000 CY

**Describe any changes to the downstream watershed:**