

40 CFR Parts 257

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

Meramec Power Station – MCPE (Pond 489)

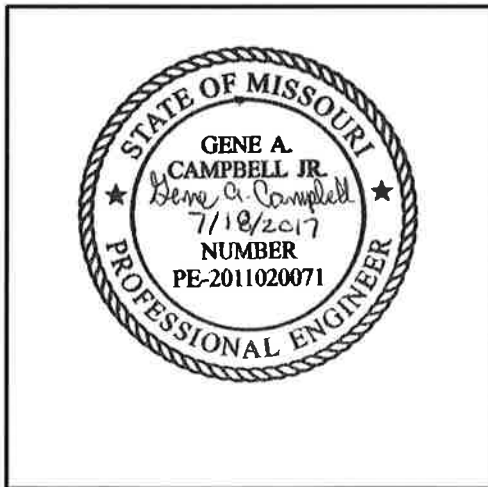
1. Annual Inspection

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 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 257.83(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



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License: PE-2011020071
Date: July 18, 2017

MERAMEC ENERGY CENTER
Pond 489
Annual Inspection Check Sheet

Date	7/17/17
Inspector	G. Campbell
Pool Level	NA
River Level	385.5
Temperature	80
Weather	Partly Cloudy

Date of Previous Annual Inspection: 9/15/16

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:

The pond no longer receives CCR. The pond is currently being capped for final closure.

List the approximate remaining storage capacity of the impounding structure:

N/A. The pond no longer receives CCR. The pond is currently being capped for final closure.

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

Max: el. 417.4, depth – 16.6 ft.; Min: Pond drained for closure; Present: Pond drained for closure.

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

Max: el. – 425, depth – 24ft; Min: el. 414, depth – 13 ft; Present: average el. 418, depth – 17 ft

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

Approx. 500,000 CY. The pond is currently drained. The pond is being capped for final closure.

Describe any changes to the downstream watershed:

None