

40 CFR Parts 257

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

Labadie Power Station – LCPB (Fly Ash Pond)

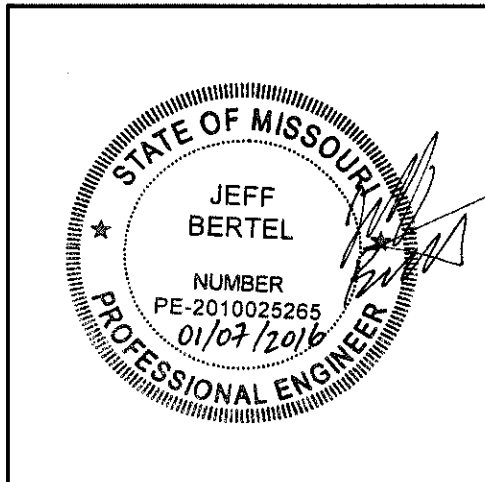
1. Annual Inspection

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 2015 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 2015 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: January 7, 2016

LABADIE ENERGY CENTER
Fly Ash Pond (LCPB)
Annual Inspection Check Sheet

Date	6/2/2015, 9/23/2015
Inspector	J. Bertel, J. Gilliam, G. Campbell, A. Bias
Pool Level	el. 477, el. 480
River Level	el. 466, el. 453
Temperature	68°, 80° F
Weather	Partly Cloudy, Sunny

Date of Previous Annual Inspection: 11/25/2014

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:

Additional fly ash placed in existing stockpiles located in the north and south ends of the pond.

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. 300,000 CY

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

Max. el. 484 & depth = 24 ft; Min. el. 475.5 & depth=15.5 ft; Present depth = 17 ft

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

Max. el. 504 & depth = 29 ft; Min. el. 460 & depth= 0 ft; Present avg. depth = 20 ft

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

Approx. 3,400,000 CY

Describe any changes to the downstream watershed:

New transmission structure foundation at the center of the east segment, the structure is offset downstream of the downstream toe approximately 17 feet. Foundation is a concrete pier.

Landfill construction has begun across Labadie Bottom Road.