

40 CFR Parts 257

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

Labadie Power Station – LCPA (Bottom 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 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

LABADIE ENERGY CENTER
Bottom Ash Pond (LCPA)
Annual Inspection Check Sheet

Date	10/28/2020
Inspector	J. Bertel, L. Sutton, A. Martinez, M. Lueckenhoff
Pool Level	NA
River Level	El. 452
Temperature	45° F
Weather	Cloudy

Date of Previous Annual Inspection: 09/17/2019

Date of Previous Periodic Inspection: 09/23/2015

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:

The impoundment is currently being closed and no longer contains impounded water.

Describe any modifications to the geometry of the impounding structure since the previous annual inspection:

The interior of the impoundment is being capped with 2 feet of soil and an HDPE geomembrane. The interior has been graded to drain surface water to conduits through the perimeter embankment, the HDPE geomembrane has been installed, and soil is being placed on top of the geomembrane.

Describe any modifications to the operation of the impounding structure since the previous annual inspection:

Impoundment no longer used for ash handling and disposal, and is being closed.

List the approximate remaining storage capacity of the impounding structure:

NA

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

Max – el. 484.99 ft, depth 75.09 ft; Min – el. 477.85 ft, depth 68.04 ft; Present – None

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

Max – el. 507 ft, depth 97 ft; Min – el. 478 ft, depth 68 ft; Present – el. 507, depth 97 feet

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

16,208,668 CY of CCR, no impounded free water

Describe any changes to the downstream watershed:

None