



Cardinal Power Plant Bottom Ash Pond Complex

Amendment of Existing Post-Closure Plan



Revision 0
October 19, 2020
Issue Purpose: Use
Project No.: 13770-005

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1.0 INTRODUCTION & PURPOSE

Federal CCR Rule Reference: 40 CFR 257.104(d)(3)

In accordance with 257.104(d)(3), this document is an amendment of the initial written post-closure plan for the Bottom Ash Pond (BAP) Complex at the Cardinal Power Plant in Brilliant, Ohio.

The BAP Complex consists of two surface impoundments: the larger Bottom Ash Pond in the north (North Pond) and the smaller Recirculation Pond in the south (South Pond), together the two ponds are managed as a single Coal Combustion Residual (CCR) Unit. Both ponds are currently used to store and treat the station's bottom ash transport water and miscellaneous low-volume wastestreams. In September 2016, American Electric Power prepared the initial written closure and post-closure plans for the BAP Complex. The 2016 closure plan stated that the BAP Complex would be closed by leaving CCR in place and installing a final cover system. Accordingly, the 2016 post-closure plan described the monitoring and maintenance activities that would be performed after the BAP Complex was closed. Due to a forthcoming change in the operation of the BAP Complex, both initial closure and post-closure plans need to be amended.

2.0 POST-CLOSURE CARE NO LONGER REQUIRED

Federal CCR Rule Reference: 40 CFR 257.104(a)(2)

The Cardinal Operating Company, who operates the Cardinal Power Plant, intends to retrofit the South Pond of the BAP Complex in accordance with the recent written retrofit plan for the complex. As documented in its written closure plan, the retrofitted South Pond will be clean closed pursuant to 40 CFR 257.102(c). The North Pond will also be clean closed, as documented in an amendment of the 2016 closure plan for the BAP Complex. Pursuant to 40 CFR 257.104(a)(2), the BAP Complex is no longer subject to the post-closure care criteria. Thus, no post-closure care activities will be performed following the clean closure of the North Pond and the Retrofitted South Pond.

3.0 CERTIFICATION

Federal CCR Rule Reference: 40 CFR 257.104(d)(4)

This document meets the requirements for an amendment of a written post-closure plan pursuant to 40 CFR 257.104(d)(3).

I certify that this document was prepared by me or under my supervision and that I am a registered professional engineer under the laws of the State of Ohio.

Certified By: Joseph P. Charles

Date: October 19, 2020

Seal:

