

## **Notice of Intent to Close a CCR Unit**

July 13, 2021

Notice of Intent to Close a CCR Unit  
Cardinal – Fly Ash Reservoir II

Cardinal’s Fly Ash Reservoir II has ceased receiving waste streams and is initiating closure. Details related to the closure plan are provided on the CCR Rule Compliance and Data Information Website “Closure Plan 11-03-2020”. This notice is provided pursuant 40 CFR 257.102 (g).

Certification by a Professional Engineer for the final cover system design, in accordance with 40 CFR 257.102 (d)(3)(iii) is presented in Attachment 1.

# Attachment 1

## CCR Surface Impoundment – Final Cover System Design

### Engineer’s Certification

Cardinal Operating Company operates the Cardinal Plant and the associated Fly Ash Reservoir II (FAR II) located in Brilliant, Ohio. The FAR II meets the definition of a coal combustion residual (CCR) surface impoundment under the United States Environmental Protection Agency’s Disposal of Coal Combustion Residuals from Electric Utilities Final Rule. Cardinal Operating Company is preparing to cease waste streams from entering the impoundment and close FAR II by means of closure in place, in accordance with the Closure Plan and the Permit to Install issued by the Ohio Environmental Protection Agency. The closure activities will include dewatering the FAR II, grading the CCR and installation of a final cover system. The final cover system is designed to meet the requirements of 40 CFR 257.102(d)(3).

Pursuant to 40 CFR 257.102(d)(3)(iii) and by means of this certification I attest that:

- (i) I am familiar with the requirements of the federal CCR rule (40 CFR 257); and
- (ii) the design of the final cover system meets the requirements of 40 CFR 251.102(d)(3).

Michael J. Amstadt, P.E.  
Printed Name of Professional Engineer

Michael Amstadt Digitally signed by Michael Amstadt  
Date: 2021.06.04 15:15:06 -05'00'

Signature of Registered Professional Engineer

Registration No. 6431

State: Ohio

