

June 1, 2022

**Notification of Intent to Close
Coal Combustion Residuals Surface Impoundment
Ottumwa Generating Station – Main Ash Pond
Interstate Power and Light Company**

In compliance with 40 CFR 257.102(g), Interstate Power and Light Company (IPL) has prepared this notification of intent to close the Main Ash Pond, an existing CCR Surface Impoundment, at the Ottumwa Generating Station in Ottumwa, Iowa. The unit is no longer receiving CCR or non-CCR wastewater and IPL does not intend to remove CCR material from this unit for beneficial use.

On November 30, 2020, Interstate Power and Light Company (IPL) submitted a complete demonstration to the U.S. Environmental Protection Agency (EPA) that requested approval of a site-specific alternative deadline to initiate closure pursuant to 40 C.F.R. § 257.103(f)(1) for the existing CCR surface impoundment (Main Ash Pond) located at the Ottumwa Generating Station near Ottumwa, Iowa. In that submittal, IPL requested an alternative deadline of December 31, 2022 to continue to receive CCR and non-CCR wastestreams at the Main Ash Pond after April 11, 2021 in order to install new capacity for managing non-CCR wastewaters, including a new low-volume wastewater treatment pond (LVWTP). On January 11, 2022, EPA informed IPL that the demonstration was complete and that the April 11, 2021 deadline to cease receipt of waste was tolled pending a final decision on the application.

Final tie-ins to the LVWTP were completed April 29, 2022 and a new NPDES permit allowing discharges from the pond became effective on May 1, 2022. In addition, CCR leachate from the nearby Ottumwa-Midland Landfill was permitted for disposal at the City of Ottumwa Treatment Works beginning May 2, 2022 and is no longer discharged to the Main Ash Pond. Thus, the Main Ash Pond has permanently ceased receipt of CCR and non-CCR wastewaters as of May 2, 2022.

IPL intends to close the CCR Surface Impoundment within the existing footprint of the unit and install a final cover system that meets the requirements of §257.102(d)(3). The required certification for the cover system is attached and remains applicable to the planned closure. The closure will be completed in accordance with §257.102 of the CCR Rule and approvals issued by the Iowa Department of Natural Resources.

Signed,



Print Name Jeff Maxted	Title Manager - Environmental Services
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Closure Narrative

IPL intends to close the CCR Surface Impoundment through removal and consolidation of CCR material and installation of a cap over the CCR that will remain in place. There is no liner in the CCR Surface Impoundment. The closure will be completed in accordance with §257.102 of the CCR Rule, the written CCR Closure Plan, and approvals issued by the Iowa Department of Natural Resources.

The final cover system installed over CCR that remains in place will have a permeability no greater than 1×10^{-5} centimeters per second (cm/sec), which is lower than the natural subsoils identified during facility design. The final cover system will include the following components:

- 18-inch thick soil infiltration layer or alternative cover as approved by the Iowa Department of Natural Resources
- 6-inch thick vegetative soil layer

The final design of the cover system will accommodate settling and subsidence.

STATEMENT OF CERTIFICATION BY QUALIFIED PROFESSIONAL ENGINEER

40 CFR 257.102(d)(3)(iii) – Design of Final Cover System Meets 257.102(d)(3)

I, Rachel Rivera, being an engineer licensed by the State of Iowa with Professional Registration No. 22076, certify that the design of the final cover system meets the requirements in 257.102(d)(3), based on the design activities completed at this time.

Rachel Rivera

Signature

04/03/19

Date

