

**Notification of Intent to Close  
Coal Combustion Residuals Surface Impoundment  
Ottumwa Generating Station  
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 existing CCR Surface Impoundment at the Ottumwa Generating Station in Ottumwa, Iowa.

**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  $1 \times 10^{-5}$  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

