

**Notification of Intent to Close  
Coal Combustion Residuals Landfill  
Lansing Generating Station, Lansing, Iowa  
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 LAN Landfill, which is an existing Coal Combustion Residual (CCR) landfill at the Lansing Generating Station (LAN) in Lansing, Iowa.

**Closure Narrative**

IPL intends to close the LAN Landfill by installing a final cover over the CCR in accordance with the CCR Closure Plan and other local, state, and federal requirements. There is no bottom liner in the LAN Landfill.

The final cover system installed over the CCR will have a permeability no greater than  $1 \times 10^{-5}$  centimeters per second (cm/sec), which is lower than the natural subsoils. The final cover system has been approved by the Iowa Department of Natural Resources (IDNR) with Sanitary Disposal Project Permit Number 03-SDP-05-01P and will include the following components:

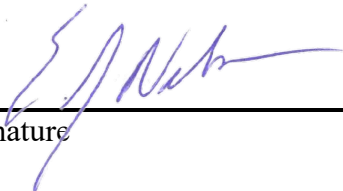
- 24-inch thick soil infiltration layer, which serves as the infiltration layer required by 40 CFR 257.102(d)(3)(i)(B)
- 6-inch thick rooting zone layer
- 6-inch thick vegetative soil layer, which serves as the erosion layer required by 40 CFR 257.102(d)(3)(i)(C)

The design of the cover system accommodates 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, Eric J. Nelson, being an engineer licensed by the State of Iowa with Professional Registration No. 23136, certify that the design of the final cover system meets the requirements in 257.102(d)(3).

  
Signature

6/30/2023

Date

