

**Notification of Intent to Close  
Coal Combustion Residuals Surface Impoundment  
Slag Pond  
Nelson Dewey Generating Station, Cassville, Wisconsin  
Wisconsin Power and Light Company**

In compliance with 40 CFR 257.102(g), Wisconsin Power and Light Company (WPL) has prepared this notification of intent to close the Slag Pond, which is an existing Coal Combustion Residual (CCR) impoundment at the Nelson Dewey Generating Station in Cassville, Wisconsin.

**Closure Narrative**

WPL intends to close the Slag Pond by consolidating CCR within the pond and installing a cap over the CCR that will remain in place. There is no liner in the Slag Pond to be removed.

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
- 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, Eric J. Nelson, being an engineer licensed by the State of Wisconsin with Professional Registration No. 37855-6, 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.

Signature

Date

