

January 8, 2020

SEMIANNUAL REMEDY SELECTION PROGRESS REPORT COFFEEN ASH POND NO. 2

In accordance with Title 40 Code of Federal Regulations (C.F.R.) § 257.97(a), the owner or operator of a coal combustion residuals (CCR) unit must prepare a semiannual report describing the progress in selecting and designing a remedy for statistically significant levels (SSLs) of constituents listed in Appendix IV of 40 C.F.R. Part 257 over the groundwater protection standards established in accordance with 40 C.F.R. § 257.95(h).

This report is for Ash Pond No. 2 (AP2) at Coffeen Power Station.

As stated in the notification dated February 6, 2019, an SSL for cobalt was identified at AP2 during assessment monitoring completed in accordance with 40 C.F.R. § 257.95.

In response to the SSL, a Corrective Measures Assessment (CMA) was completed for AP2 on July 8, 2019 as required by 40 C.F.R. § 257.96. The CMA indicated the source control measure would be closure in place with a geomembrane cover system. Construction of a geomembrane cover system began in July of 2019 in accordance with the Closure and Post Closure Care Plan approved by the Illinois Environmental Protection Agency in January of 2018.

A public meeting was held on October 7, 2019 at the Coffeen Elementary School in Coffeen, Illinois to discuss the results of the of the CMA in accordance with 40 C.F.R. § 257.96(e).

Selection of the groundwater remedy is currently in the monitored natural attenuation (MNA) feasibility study phase.