

November 13, 2020

Semiannual Remedy Selection Progress Report

Emery Pond

This report has been prepared in accordance with Title 40 Code of federal Regulations (C.F.R.) § 257.96(a), which addresses reporting for regulated coal combustion residuals (CCR) units describing the progress in selecting and designing a remedy for those 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. § Part 257.95(h).

This report is for the Emery Pond at the Marion Power Plant.

As stated in the notification dated October 23, 2019, an SSL for Arsenic and Cobalt was identified at the Emery Pond during assessment monitoring completed in accordance with 40 C.F.R. § Part 257.95.

A Corrective Measures Assessment (CMA) was completed for Emery Pond on June 19, 2019 as required by 40 C.F.R. § Part 257.96. The CMA indicated the source control measure consists of closure by removal, thus removing the CCR source, and additional remedial action includes a perimeter drain and groundwater monitoring. Closure and related action is underway in accordance with the Closure Plan, Corrective Action Plan and Groundwater Monitoring Plan under consideration by the Illinois Environmental Protection Agency, and is scheduled to be completed prior to April 2021. Post-closure groundwater monitoring will also be completed to assess the removal of CCR constituents in groundwater and demonstrate that the extent of groundwater impact is decreasing in area and concentration following closure.

Prior to completion of the CMA, a public meeting was held on May 23rd, 2019 at the Marion Public Library in Marion, Illinois to discuss the results of the CMA in accordance with 40 C.F.R. § Part 257.96(e).

Selection of the groundwater remedy is currently under final review by the Illinois Environmental Protection Agency.