

CCR Rule Groundwater Protection Standard Exceedance Notification

Chesterfield Power Station – Fossil Fuel Combustion Products Management Facility Chester, Virginia

The 2024 second semi-annual assessment monitoring groundwater samples were collected from the Chesterfield Power Station Fossil Fuel Combustion Products Management Facility's groundwater monitoring network in accordance with the federal Coal Combustion Residuals (CCR) Rule. The analytical results from this sampling event were compared to applicable groundwater protection standards (GWPS) and constituent concentrations above GWPS were identified.

40 CFR §257.95(g) requires the owner or operator of an existing CCR unit that is monitoring groundwater in accordance with the assessment monitoring program and has exceeded a GWPS to prepare a notification identifying the Appendix IV constituents that have exceeded the GWPS. The notification is complete when it is placed in the facility's operating record as required by 40 CFR §257.105(h)(8). The following Appendix IV constituents were detected at a level above the GWPS.

- Beryllium
- Cadmium
- Cobalt

The above GWPS exceedances were identified in an upgradient well and in accordance with 40 CFR §257.95(g)(3), an Alternate Source Demonstration will be prepared to document that a source other than the CCR unit caused the GWPS exceedances.