

Operating Record

Notice of Groundwater Protection Standard Exceedance

AES Indiana – Petersburg Generating Station

Pond A, A', and C [40 C.F.R. § 257.95(g)]

Pursuant to 40 C.F.R. § 257.95(g), on May 9, 2025, the following Appendix IV constituents were detected at statistically significant levels above the applicable groundwater protection standards during assessment monitoring at the above-referenced CCR units:

- Arsenic
- Cadmium¹
- Cobalt²
- Molybdenum

¹ An Alternate Source Demonstration (ASD) was successfully completed pursuant to § 257.95(g)(3)(ii) in October 2019 for total cadmium in monitoring well AP-8. The ASD report was provided as an attachment to the 2019 CCR Annual Groundwater Monitoring and Corrective Action Report dated January 30, 2020 for the AESI Petersburg Generating Station – Ash Pond System.

² An ASD was successfully completed pursuant to § 257.95(g)(3)(ii) in October 2019 for total cobalt in monitoring well AP-8. The ASD report was provided as an attachment to the 2019 CCR Annual Groundwater Monitoring and Corrective Action Report dated January 30, 2020 for the AESI Petersburg Generating Station – Ash Pond System.