

## U.S. Department of Energy

### Public Notice

#### 2023 CERCLA Five-Year Review for Cleanup Actions at the Paducah Gaseous Diffusion Plant

The U.S. Department of Energy (DOE) announces completion of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Five-Year Review for the Paducah Gaseous Diffusion Plant (PGDP). The review is documented in a final report titled *CY 2023 Five-Year Review for Remedial Actions at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky*, DOE/LX/07-2492&D2/R1. The purpose of the review is to ensure that response actions taken to date remain protective of human health and the environment and continue to function as designed. DOE served as the lead agency for this five-year review. The U.S. Environmental Protection Agency Region 4 (EPA) and the Kentucky Department for Environmental Protection (KDEP) provided regulatory oversight for this review and for the actions themselves, as required by the PGDP Federal Facility Agreement.

This five-year review assessed the protectiveness of 13 response actions. The five-year review then presented protectiveness statements that address whether the response actions are or will be, upon completion, protective of human health and the environment or if additional information is needed to determine the protectiveness. Determinations of the protectiveness are based on document reviews, data reviews, site investigations, and interviews. The five-year review also identifies changes to current response actions that may enhance their protectiveness now and in the future, which include recommendations for follow-up actions.

DOE determined that all of the 13 response actions were “Protective” (i.e., the remedy is functioning as intended and is anticipated to be under control in the future).

EPA and KDEP agreed with DOE protectiveness determinations for the response actions.

Until a cleanup action allows for unrestricted use, Section 121(c) of CERCLA and the Federal Facility Agreement require that the lead agency (DOE) review the selected cleanup actions every five years to ensure that they remain protective of human health and the environment. The next five-year review will be initiated in 2028.

The final report and associated letters are accessible at the following site:

**DOE Environmental Information Center**  
**Emerging Technology Center; Room 221**  
**5100 Alben Barkley Drive, Paducah, KY 42001**  
**Hours: Monday–Friday, 8 a.m.–noon**  
<https://eic.pad.pppo.gov>  
**Document Number: DOE/LX/07-2492&D2/R1**

For questions about this report, please call (270) 441-5168.



**EM Environmental Management**

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