

By the Numbers Paducah Site

The Paducah Gaseous Diffusion Plant is a U.S. Department of Energy owned facility located in McCracken County, near Paducah, Kentucky, that enriched uranium from 1952 to 2013. It was the last government-owned uranium enrichment facility operating in the U.S. The Paducah plant produced low-enriched uranium originally as feedstock for military reactors and weapons refining and later for nuclear power fuel. During the 1960s, the plant took part in the Work for Others Program with projects for the National Aeronautics and Space Administration, Oak Ridge National Laboratory, Sandia and others. The industrial area covers about 650 acres of a 3,556-acre site. Four process buildings cover 74 acres of the total site. Cleanup of the Paducah Site began in 1988, including remediation of groundwater, surface water, soil, burial grounds, and removal of inactive facilities.

169,881 pounds
of waste recycled in 2023.

Over the next decade

8.5M pounds of R-114 refrigerant targeted to be shipped offsite. To date, **5.4 million pounds** have been shipped.

8.9M cubic feet
of waste dispositioned; 10,096 cubic feet of RCRA/TSCA would be nearly 3 feet deep across a basketball court.

Approximately **4,600** scans of components for deposits in the C-333 Process Building to facilitate characterization.

5B gallons

of groundwater have been treated to remove contaminants, significantly reducing off-site groundwater contamination.

51 to 5

Reducing **regulatory decisions from 51 to 5** with new realignment strategy, accelerating final cleanup decisions up to 25 years.

174

facilities demolished, totaling more than 550,000 square-feet.

68.6M

pounds of scrap metal has been dispositioned from the site.

>59,486 metric tons

of depleted uranium hexafluoride (DUF6) have been converted by the DUF6 conversion plant at Paducah. **A total of 4,733 cylinders** have been processed into a more stable chemical form for beneficial use or other disposition.