



Office of Environmental Management U.S. Department of Energy

Categorical Exclusion Determination Form

Proposed Action Title: Waste Generation, Waste Minimization, and Personal Property Transfer at the Paducah Gaseous Diffusion Plant 451.1a-097

Program or Field Office: Portsmouth/Paducah Project Office (PPPO)

Location(s) (City/County/State): Kevil/McCracken/Kentucky

Proposed Action Description:

The U.S. Department of Energy (DOE) Portsmouth/Paducah Project Office (PPPO) proposes actions that include on-site waste handling and generation, waste reduction, pollution prevention, property transfer of surplus personal property, and asbestos abatement projects at the Paducah Gaseous Diffusion Plant (PGDP). The proposed actions include, but are not limited to, waste minimization, recycling, and reuse; asbestos abatement; all activities under the Resource Conservation and Recovery Act (RCRA); the removal of concrete building foundations, concrete pits, concrete/asphalt debris, and contaminated soils; and the transfer or disposition of DOE surplus personal property.

Additional Categorical Exclusions claimed: B1.35, B5.6, B6.1, B6.2, B6.3, B6.4, B6.5, B6.6, B6.8, B6.10

Categorical Exclusion(s) Applied:

B1.16 – Asbestos removal

B1.24 – Property transfers

B1.28 – Placing a facility in an environmentally safe condition

B1.31 – Installation or relocation of machinery and equipment

B1.34 – Lead-based paint containment, removal, and disposal

For the complete DOE National Environmental Policy Act regulations regarding categorical exclusions, including the full text of each categorical exclusion, see 10 CFR Part 1021.102: (see full text in regulation)

☒ The proposal fits within a class of actions that is listed in B to 10 CFR Part 1021. The classes of actions listed below include the following conditions as integral elements of the classes of actions. To fit within the classes of actions listed in 10 CFR Part 1021, Appendix B, a proposal must be one that would not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, or similar requirements of DOE or Executive Orders; (2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators), but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions or facilities; (3) disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources, including, but not limited to, those listed in paragraph B(4) of 10 CFR Part 1021, Appendix B; (5) involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, unless the proposed activity would be contained or confined in a manner designed and operated to prevent unauthorized release into the environment and conducted in accordance with applicable requirements, such as those listed in paragraph B(5) of 10 CFR Part 1021, Appendix B.

☒ There is no extraordinary circumstance related to the proposal that is likely to cause a reasonably foreseeable significant adverse effect or for which DOE does not know the environmental effect. Extraordinary circumstances are unique situations presented by specific proposals, including, but not limited to, scientific controversy about the environmental effects of the proposal; uncertain effects or effects involving unique or unknown risks; and unresolved conflicts concerning alternative uses of available resources.

☒ The proposal has not been segmented to meet the definition of a categorical exclusion. Segmentation can occur when a proposal is broken down into small parts in order to avoid the appearance of significance of the total action. However, segmentation does not include proposals that are developed and potentially implemented over multiple phases where each phase results in a decision whether to proceed to the subsequent phase.

Based on my review of the proposed action, I have determined that the proposed action fits within the specified class(es) of action, the other regulatory requirements set forth above are met, and the proposed action is hereby categorically excluded from further NEPA review.

NEPA Compliance Officer: **RYAN CALLIHAN**

Digitally signed by RYAN CALLIHAN
Date: 2026.09.21 12:06:41 -04'00'

Date Determined: