U.S. Department of Energy
Categorical Exclusion Determination Form

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Proposed Action Title: NEPA #4834, rev 2, West End Protected Area Reduction (WEPAR) Project

Program or Field Office: US DOE/NNSA Production Office -Y-12 National Security Complex (Y-12)

Location(s) (City/County/State): Y-12, Oak Ridge, Tennessee

Proposed Action Description:

The propose action is to install a new Perimeter, Intrusion, Detection, and Assessment System (PIDAS) section to reduce the Protected Area of the Y-12 National Security Complex (Y-12) by approximately 50 percent; eliminate the need to maintain the current PIDAS; effectively and efficiently ensure the protection of vital NNSA assets, thus continuing NNSA's nuclear security mission; facilitate cost-effective deactivation and decommissioning (D&D) of process-contaminated facilities; and reduce costs for operations outside the smaller Protected Area. The WEPAR Project plans to install a new western section of the PIDAS west of "H" road, upgrade security buildings that move outside of PIDAS, upgrade to the PIDAS alarm sensors and security fencing, install a new vehicle barrier, and install a new security post for vehicle/pedestrian entrance. The western end of PIDAS will be demolished, which includes the removal of fencing, sensors, camera towers, vehicle barriers, and demolition of a security post. The environmental impacts of the WEPAR Project were evaluated and analyzed as part of the "Supplement Analysis for the Site-wide Environmental Impact Statement for the Y-12 National Security Complex" (DOE/EIS-0387-SA-03).

Categorical Exclusion(s) Applied:

B1.15 - Support buildings

B1.11 - Fencing

For the complete DOE National Environmental Policy Act regulations regarding categorical exclusions, including the full text of each categorical exclusion, see Subpart D of 10 CFR Part 1021.

Regulatory Requirements in 10 CFR 1021.410(b): (See full text in regulation)

☑ The proposal fits within a class of actions that is listed in Appendix A or B to 10 CFR Part 1021, Subpart D.

To fit within the classes of actions listed in 10 CFR Part 1021, Subpart D, 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, Subpart D, 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, Subpart D, Appendix B.

☑ There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal.

☑ The proposal has not been segmented to meet the definition of a categorical exclusion. This proposal is not connected to other actions with potentially significant impacts (40 CFR 1508.25(a)(1)), is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1508.27(b)(7)), and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211 concerning limitations on actions during preparation of an environmental impact statement.

Based on my review of the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451.1B), 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: Jack Zanger

Digitally signed by Jack Zanger
DN: c=US, o=U.S. Government, ou=Department of Energy, ou=Y-12 National Security Complex, ou=CAs, ou=Pantex People, cn=Jack Zanger
Date: 2018.08.22 12:51:17 -05'00'

Date Determined: 08/22/2018

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