U.S. Department of Energy
Categorical Exclusion Determination Form

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Proposed Action Title: Use of a Small-Scale Mobile Concrete Batch Plant near WIPP

Program or Field Office: Carlsbad Field Office

Location(s) (City/County/State): Carlsbad/Eddy/New Mexico

Proposed Action Description:

The proposed action is to use a small-scale mobile concrete batch plant machinery and equipment located adjacent to the WIPP Land Withdrawal Area (LWA). The purpose of the mobile concrete batch plant is to supply engineered concrete mix for proposed WIPP project(s) to meet the design specifications, codes and standards for structural concrete, hot weathering concreting and cold weathering concreting. The use of a small-scale concrete batch plant on the WIPP LWA has been evaluated in previous NEPA analysis but this proposed plant is located off the WIPP LWA on a nearby tract of previously disturbed and developed land. The WIPP proposed project, New Filter Building, that will use the engineered concrete mix, has been evaluated by a NEPA evaluation and has a determination that the proposed project(s) (i.e., DOE/EIS-0026-SA-11, Supplement Analysis for the New Permanent Ventilation System - included both the New Filter Building and New Shaft and Access Drifts) do not represent substantial changes nor would the proposed project(s) have significant environmental impacts and the project(s) will not have cumulative significant environmental impacts. In the 2017 Supplement Analysis (SA) for the New Permanent Ventilation System (PVS), the land use impacts were assumed by the Project to be on the WIPP LWA. Subsequent to the November 2017 SA for PVS, in 2019 the Project identified an efficiency by the potential use of a small-scale mobile concrete batch plant near the WIPP site but just off the WIPP LWA. The proposed small-scale mobile concrete batch plant is located on approximately 4 acres of privately owned land that has previously been disturbed and developed, that already has access roads, and has access to an existing electrical power supply. The land is leased by the WIPP Management & Operating contractor's construction subcontractor from the landowner. The small-scale mobile concrete batch plant

Categorical Exclusion(s) Applied:

B1.31 - Installation or relocation of machinery and equipment

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: George Basabilvazo Digitally signed by George Basabilvazo DN: c=us, o=u.s. government, ou=department of energy, ou=Energy IT Services, ou=Waste Isolation Pilot Plant, ou=People, cn=George Basabilvazo Date: 2019.03.20 17:12:08 -06'00'

Date Determined: 03/20/2019

(This form will be locked for editing upon signature)