



**U.S. Department of Energy
Office of Legacy Management
Categorical Exclusion Determination Form**



Program or Field Office: U.S. Department of Energy (DOE) Office of Legacy Management (LM)

Project Title and I.D. No.: Abatement Activity at the Log Cabin, Grand Junction, Colorado, Site (LM 15-17)

Location: Grand Junction, Colorado

Proposed Action or Project Description:

The proposed action involves the abatement of lead-based paint (LBP) and asbestos-containing material (ACM) from portions of the historic Log Cabin portion of Building 12 at the Grand Junction, Colorado, Site. The work would facilitate future occupancy of the Log Cabin. The ACM and LBP remediation would involve non-contributing, non-historic elements of this listed historic building. The replacement materials would not be installed until after the proposed renovation work has been designed in keeping with the Secretary of the Interior's Standards and Guidelines for historic property.

The ACM and LBP abatement from the Log Cabin would involve the removal of the following: 4900 square feet of drywall with asbestos texture and/or joint compound on various main level walls and ceilings; 2120 square feet of carpeting, floor tiles, floor leveling compound, thin-set and/or paint with mastic on concrete throughout the building; 10 fittings of lead oakum joints in the crawlspace; two mercury thermostats in the office areas; and 500 square feet of LBP on safe doors.

The 1917 safe door in the original vault also contains LBP; however, the 1917 vault door would not be abated. This vault door was manufactured in Canton, Ohio, in 1917 and installed in the basement during World War II to create a secure file storage area. This makes the 1917 vault door an important contributing element to the Log Cabin's World War II history as a top-secret research center for uranium milling technology. The reuse of this door highlights the nature and urgency of wartime construction projects.

Categorical Exclusion(s) Applied:

- B1.3 – Routine maintenance
- B6.1 – Cleanup actions

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.

JChy

Joyce E. Chavez
2017.07.21 15:14:32 -06'00'

NEPA Compliance Officer:

Date Determined: