



Department of Energy
National Nuclear Security Administration
Categorical Exclusion Determination Form



Categorical Exclusion ID#: NV-2023-003

Proposed Action Title: Demolition of Buildings in Areas 12 and 23

Program or Field Office: Nevada Field Office

Location(s) (City/County/State): Nevada National Security Site, Nye County, NV

Proposed Action Description

The purpose of this project would be to demolish facilities on the Nevada National Security Site (NNSS) that have no further use, allowing for the proposed construction of new, modernized buildings on the NNSS. The proposed activities would include characterization of the facilities, followed by demolition. Demolition would be performed in Areas 12 and 23. The following buildings would be characterized and demolished (see attached maps):

12-30 Cafeteria
12-7 Recreation Hall
23-109 Housing/Revenue
23-620 Mercury Support Facility

Characterization activities would include site surveys (radiological, utility, land, biological, and cultural). Sampling would be performed on potential asbestos-containing material (ACM) and other various hazardous constituents and materials.

Demolition activities would include:

- Removal, disposal or salvage of demolition debris, equipment, and materials from the site
- Removal and disposal of hazardous, chemical, universal, and polychlorinated biphenyl (PCB) waste
- Removal and disposal of ACM
- Demolition of the four structures
- Demolition of all surface features
- Demolition of the concrete pads associated with the four buildings
- Cutting and capping of remaining underground utilities
- Disposal or salvage of demolition debris
- Grading of the demolition areas

Underground utilities would only be removed to the extent required to render a final, safe



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configuration. A buffer area around each building would be used for staging heavy equipment, supplies, and waste boxes (not anticipated to exceed approximately 25 feet around buildings). Roads would not be impacted. Ground disturbance would include trenching to cut and cap remaining underground utilities and that caused by heavy equipment during demolition.

Radioactive materials, biological simulants, beryllium, chemicals, explosives, and other hazardous materials would not be used to complete this project. However, some existing hazardous and other regulated materials such as PCB-containing light bulbs/ballasts, mercury-containing thermostats, used household chemicals, and ACM would be removed from the facilities and would be disposed of appropriately. After removal, all hazardous or otherwise regulated waste would be properly stored in appropriate waste containers pending disposal.

Categorical Exclusion(s) Applied

10 CFR 1021, B1.23 Demolition and disposal of buildings

Regulatory Requirements in 10 CFR 1021

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 1021.

To find that a proposal is categorically excluded, DOE shall determine the following:

- (1) The proposal fits within a class of actions listed in Appendix A or B to 10 CFR Part 1021, Subpart D;
- (2) There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal; and
- (3) The proposal has not been segmented to meet the definition of a categorical exclusion. The 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.

The classes of actions listed in 10 CFR Part 1021, Subpart D, Appendix B, include the following conditions as integral elements of the classes of actions. To fit within the classes of actions in

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



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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 of the Department of Agriculture, the Environmental Protection Agency, and the National Institutes of Health.

NEPA Compliance Officer Determination

Based on my review of information conveyed to me and in my possession concerning the proposed action, as NEPA Compliance Officer (as authorized under NNSA NAP 451.1 and DOE P 451.1), I have determined that the proposed action fits within the specified class(es) of action and I have reviewed the proposal for integral elements. I have determined that there are no extraordinary circumstances present and that the proposal has not been segmented to meet the definition of a categorical exclusion. Therefore, the application of a categorical exclusion is appropriate.

NEPA Compliance Officer: Carrie Stewart

Date Determined: December 5, 2022



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Area 12 Locations: Buildings 12-7 and 12-30





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Area 23 Locations: Buildings 23-109 and 23-620





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Area 23 Locations: Buildings 23-153, 23-753, and 23-W10

