



Department of Energy
National Nuclear Security Administration
Categorical Exclusion Determination Form



Categorical Exclusion ID#: NV-2024-001 REV 1

Proposed Action Title: Demolition of Buildings in Areas 1 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 is to demolish facilities on the Nevada National Security Site (NNSA) that have no further use, allowing for the proposed construction of new, modernized buildings on the NNSA. The proposed activities would include characterization of the facilities (if necessary), followed by demolition. The following buildings would be demolished:

01-103, Bit Bay, including the concrete foundation and underground utilities to the extent required to render a final, safe configuration

01-121, Nut Hut, including the concrete foundation; underground utilities to the extent required to render a final, safe configuration; a nearby abandoned underground septic tank originally attached to a toilet trailer that is no longer present; and personal property 01-202423 (boxcar) located adjacent to the building

01-202681, Drill Yard/Steam-Clean System, including the concrete foundation and underground utilities to the extent required to render a final, safe configuration

23-530, Dormitory, including the concrete foundation and underground utilities to the extent required to render a final, safe configuration

23-675, Dormitory, NOT including the concrete foundation or underground utilities

23-676, Dormitory, NOT including the concrete foundation or underground utilities

23-678, Dormitory, NOT including the concrete foundation or underground utilities

23-680, Dormitory, NOT including the concrete foundation or underground utilities

23-681, Dormitory, NOT including the concrete foundation or underground utilities

23-683, Dormitory, NOT including the concrete foundation or underground utilities

23-684, Dormitory, NOT including the concrete foundation or underground utilities

23-702, Foil Handling/Source Sto, including the concrete foundation and underground utilities



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to the extent required to render a final, safe configuration

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 the following:

- Removal and disposal or salvage of debris, equipment, and materials from the buildings
- Removal and disposal of hazardous, chemical, universal, and polychlorinated biphenyl (PCB) waste
- Removal and disposal of asbestos-containing material (ACM)
- Demolition of the structures
- Demolition of some concrete foundations and underground utilities, as identified above
- Cutting and capping of remaining underground utilities
- Disposal or salvage of demolition debris
- Grading of the demolition areas

In addition, the following concrete building foundations of formerly demolished buildings and one abandoned underground used oil tank in Area 23 of the NNSA will be demolished and disposed:

1. 23-790
2. 23-790A
3. Unknown
4. Unknown
5. Warehouses 23-W-1 thru 23-W-6
6. Warehouses 23-W-1 thru 23-W-6
7. 23-120, 121, 122, and 123
8. Warehouses 23-W-1 thru 23-W-6
9. 23-140, including an abandoned underground used oil tank
10. Trailer pads for RSN communication trailers
11. 23-U
12. 23-T
13. 23-S
14. 23-M
15. 23-L

Demolition activities will include:



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- Demolition of concrete foundations and underground utilities within the footprint of the foundations and, in some cases, out to the nearest cut and cap location
- Excavation of abandoned underground used oil tank
- Cutting and capping of remaining underground utilities
- Disposal of debris
- Grading of the demolition areas

A buffer area around each building or concrete foundation would be used for staging heavy equipment, supplies, and waste boxes (not anticipated to exceed approximately 25 feet around buildings or concrete foundations). 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, 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 buildings and disposed appropriately. After removal, all hazardous or otherwise regulated waste would be properly stored in appropriate waste containers before 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



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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 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: Patricia Gallo

Date Determined: July 12, 2024