



Department of Energy
National Nuclear Security Administration
Categorical Exclusion Determination Form



Categorical Exclusion ID#: NV-2024-017

Proposed Action Title: Electric Vehicle Charging Station Installations

Program or Field Office: Nevada Field Office

Location(s) (City/County/State): Nevada National Security Site, Nye County, NV; North Las Vegas Facility, Clark County, NV; Remote Sensing Laboratory – Nellis Air Force Base, North Las Vegas, Clark County, NV

Proposed Action Description

The federal vehicle fleet is transitioning to electric vehicles (EV) at an aggressive pace and the infrastructure to effectively utilize them needs to be constructed. This project would install up to 300 electric EV charging stations at various parking locations at the Nevada National Security Site (NNS), the North Las Vegas Facility, and the Remote Sensing Laboratory–Nellis.

Installation of charging stations would require trenching for electrical conduit; new concrete pads for electric panels, transformers, and bollard-mounted charging stations; new electric power poles and pole-mounted transformers; bollards and wheel stops; hand-held fire extinguishers; and parking lot striping.

Some installations would include only the placing of a mobile, solar-powered, off-grid, self-contained charging station. These stations would require delivery on a flatbed truck and placement using a 15-ton forklift.

Installation would occur in existing asphalt and/or gravel vehicle parking areas. Charging vehicles would be a minimum of 50 feet from facility egress locations and building outside air intakes. Charging vehicles would be 5–10 feet away from all buildings, depending on wall fire rating, and 200 feet from explosive safety areas and magazines. Power for charging stations may be routed from an existing building or require a new connection to the electricity grid.

Charging stations are planned to be installed in parking areas near the following facilities: 01-350, 01-785204, 04-470, 05A-19, 05-08, 06-540, 06-644, 06-900, 06-901, 06-904, 06-906, 06-922, 06-800, 12-910, 12-908, 23-1000, 23-111, 23-113, 23-114, 23-128, 23-133, 23-159/160, 23-190, 23-300, 23-460, 23 525, 23-535, 23-600, 23-630, 23-640, 23-652, 23-710, 23-726, 23-752, 23-750, 23-777, 27-5150, 24-A12, 24-A13, 24-B7, 24-C1, 24-C3, 24-D1, and 35-2211.



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Categorical Exclusion(s) Applied

10 CFR 1021, Appendix B, B5.23 Electric vehicle charging stations

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 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.



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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 18, 2024