



**Department of Energy**  
**National Nuclear Security Administration**  
**Categorical Exclusion Determination Form**



**Categorical Exclusion ID#:** NV-2026-004

**Proposed Action Title:** 34.5kV Mission Corridor Redundant Power Upgrade

**Program or Field Office:** Nevada Field Office

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

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**Proposed Action Description**

The proposed action is the installation of approximately 3 miles of 34.5kV power lines along the east side of the 05-01 Road in Area 5 of the NNSS. The power line would begin approximately 3,600 feet north of the 05-01 and 05-03 intersection (Pole Number: DDP-59-15) and terminate at the Radioactive Waste Management Complex (RWMC).

Construction of the 3-phase, 34.5kV overhead power lines would include installation of poles, conductors, grounding rods, grounding wire, hardware, guy wires, insulators, and cross arms. It is currently estimated that this project would install approximately 51 new poles. This project would need to clear and grub (new disturbances) approximately 625 square feet per pole and anchor locations. There is also a requirement to drill holes to place each pole. Drill depth is approximately 8 ½ feet deep. There would be localized noise and vibration due to the dirt compaction required to backfill the pole and anchor locations.

Construction of new roads is not required for this project. Staging and storing of all materials would be in the Site Power Yard, located in Mercury, and transported as required to the various work locations during execution of the project.

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**Categorical Exclusion(s) Applied:** 10 CFR 1021, Appendix B, B4.12 Construction of Powerlines

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**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 10 CFR 1021.102, Appendix B to 10 CFR 1021, and also Section 5.4 and Appendices B and C of DOE's NEPA Implementing Procedures (June 30, 2025).

**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 B to 10 CFR Part 1021 or Appendix B or C of DOE's NEPA Implementing Procedures (June 30, 2025). To fit within these classes of actions a proposal must satisfy the conditions that are integral elements of the classes of action in Appendix B of both 10 CFR Part 1021 and DOE's NEPA Implementing Procedures;
  - (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.
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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 a designated NNSA NEPA Compliance Officer, I have determined that the proposed action fits within the specified class(es) of action, the other requirements and guidance set forth above are met, and the proposed action is hereby categorically excluded from further NEPA review.

NEPA Compliance Officer: Patricia Gallo

Date Determined: May 7, 2026