

DOE-ID NEPA CX DETERMINATION

Idaho National Laboratory

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CX Posting No.: DOE-ID-INL-22-054

SECTION A. Project Title: Bode Test Bed Power Line and Equipment Removal

SECTION B. Project Description and Purpose:

The Bode Test Bed (also known as the ARA Test Bed or the Power Line Test Bed), was constructed sometime prior to CY-2005. The test bed was established around the former ARA-IV building, which was decommissioned and demolished in 1987. The Bode Test Bed has not been used for many years and the power line and associated equipment is no longer needed. The poles, cross beams, back guys, conductors, pad mount transformer, disconnects, meter, and ancillary electrical equipment need to be removed. Figure 1 shows the existing electrical structures.



Figure 1. Existing Electrical Structures.

The ARA-IV electrical service is also no longer needed. This equipment provided electrical service to the remaining Test Equipment Bunker. The Test Equipment Bunker was constructed in 1986. The existing pole mount transformer, poles, conductors, chain-link fence, and ancillary electrical equipment also need to be removed.

SECTION C. Environmental Aspects or Potential Sources of Impact:

Air Emissions

There will be emissions from the heavy equipment. Fugitive dust will be generated during removal activities.

Discharging to Surface-, Storm-, or Ground Water

N/A

Disturbing Cultural or Biological Resources

When ground disturbing activities are performed, even in previously disturbed soils, there is potential to impact cultural resources. Surveying will need to be conducted to follow Migratory Bird Act guidelines in refraining from impacting biological resources.

Generating and Managing Waste

The removed electrical equipment (transformer, conductors, junction boxes and disconnects) and poles will be excessed.

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Releasing Contaminants

Any time that equipment is being fueled there is a potential for spills.

Using, Reusing, and Conserving Natural Resources

All materials will be reused and recycled where economically practicable. All applicable waste will be diverted from disposal in the landfill where conditions allow.

SECTION D. Determine Recommended Level of Environmental Review, Identify Reference(s), and State Justification: Identify the applicable categorical exclusion from 10 Code of Federal Regulation (CFR) 1021, Appendix B, give the appropriate justification, and the approval date.

For Categorical Exclusions (CXs), the proposed action must not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environmental, safety, and health, or similar requirements of Department of Energy (DOE) or Executive Orders; (2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment or facilities; (3) disturb hazardous substances, pollutants, contaminants, or Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)-excluded petroleum and natural gas products that pre-exist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources (see 10 CFR 1021). In addition, no extraordinary circumstances related to the proposal exist that would affect the significance of the action. In addition, the action is not "connected" to other action actions (40 CFR 1508.25(a)(1) and is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1608.27(b)(7)).

References:

The removal activities identified in this ECP are covered by B4.10 "Removal of electrical transmission facilities".

Justification:

The proposed removal activities described in this ECP are consistent with CX B4.10 "Deactivation, dismantling, and removal of electric transmission facilities (including, but not limited to, electric powerlines, substations, and switching stations) and abandonment and restoration of rights-of-way (including, but not limited to, associated access roads)."

Is the project funded by the American Recovery and Reinvestment Act of 2009 (Recovery Act) ☐ Yes ☒ No

Approved by Jason L. Anderson, DOE-ID NEPA Compliance Officer on: 07/05/2022