



National Nuclear Security Administration Categorical Exclusion Determination Form



NEPA ID#: HEDLP 15-001-001

Proposed Action Title: Exterior LIDAR Scanning of Tunnels or Other Existing Facilities

Program or Field Office: Nevada Field Office

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

Proposed Action Description:

The project would deploy Light Detection and Ranging (LIDAR) equipment to generate scans of the tunnel exteriors and other facilities. No underground access would be requested or authorized. All tunnels and facilities would be scanned "as is," i.e. no equipment or other debris on site would be disturbed. All LIDAR equipment would be ground-based and surface-laid (no holes would be dug). The LIDAR scanner is man-portable and rests on a stand which can be surface placed. No cabling is necessary. Every effort would be made to place LIDAR equipment on roads and other improved surfaces first. If a scan requires the equipment to be placed off-road then it would be walked (NOT driven) to the emplacement site, and existing plant life would not be disturbed unless absolutely necessary (the LIDAR equipment does not need to be placed on any particular exact coordinate, so flexibility exists to choose a site to minimize disturbance). All LIDAR equipment would be recovered at the end of the campaign. The raw data collected would be unclassified; data would be recorded on storage devices.

Still photos of the site would be taken by an on-site photographer with a valid NFO camera permit and will be reviewed by a derivative classifier.

No off-road driving would occur, and plant life would not be disturbed unless absolutely necessary. All equipment brought on site would be recovered afterwards. Equipment does not emit any environmentally damaging chemicals or other waste.

Categorical Exclusion(s) Applied:

10 CFR 1021, Appendix B, B3.1 Site Characterization and Environmental Monitoring

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. Regulatory Requirements in 10 CFR 1021.410(b): (See full text in regulation)

The proposal fits within a class of actions that is listed in Appendix A or B to 10 CFR Part 1021, Subpart D.

There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal.

The proposal has not been segmented to meet the definition of a categorical exclusion.

Based on my review of information conveyed to me and in my possession concerning the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451.1B), I have determined that the proposed action fits within the specified class(es) of action and that other-regulatory requirements set forth above are met. Therefore, the application of a categorical exclusion is appropriate.

NEPA Compliance Officer: Carrie Stewart

Date Determined: June 20, 2018