

DOE-ID NEPA CX DETERMINATION

Idaho National Laboratory

SECTION A. Project Title: Advanced Test Reactor (ATR) Complex Parking Lot Reconstruction

SECTION B. Project Description and Purpose:

The proposed action reconstructs the parking lot on the South side of the Advanced Test Reactor (ATR) Complex guard house to repair degradation and correct drainage. The proposed action removes and replaces asphalt, excavates soil, places pit run material for base, compacts and contours soils, installs drainage materials (e.g. trench, drains, piping, etc.), paints, and installs signs.

SECTION C. Environmental Aspects or Potential Sources of Impact:

Air Emissions

Project activities have the potential to generate fugitive dust.

Emissions from machinery and equipment exhaust are expected. All generators will be in place for less than one year, so no permitting is required.

Discharging to Surface-, Storm-, or Ground Water

There are no shallow injection wells in the area. Discharges other than stormwater to stormwater systems would be prevented during and after construction.

Disturbing Cultural or Biological Resources

The project will take place on previously disturbed areas. Native vegetation will not be disturbed by the proposed action. Since the project is in previously disturbed area, cultural surveys are not needed. In the unlikely event that any cultural resources (i.e. artifacts, bones) are discovered during excavation, the subcontractor will stop work and notify the Construction Field Representative and the Cultural Resource Management Office as soon as possible. Cultural Resource personnel will be contacted for instruction. Project personnel will contact Gonzales-Stoller personnel if it becomes necessary to disturb native vegetation.

Generating and Managing Waste

Industrial waste such as concrete, asphalt, scrap wood, scrap metal, packaging material, rags, insulation, wire, pipe scrap, etc., will be generated during the project.

Hazardous waste generation is not anticipated, although paint waste, adhesive waste, and spill material have the potential for being hazardous.

Oil and lubricants from electrical ducts and raceways and pre-1980 facility components and electrical equipment have the potential to contain PCBs.

Releasing Contaminants

Construction chemicals such as marking paint, fuels, lubricants, adhesives, paints, etc., will be used during the project. The subcontractor will submit chemical inventories and associated Safety Data Sheets through the vendor data system prior to bringing them to the INL. The Construction Chemical Coordinator will enter these chemicals into the INL Comply Plus chemical management system for tracking purposes.

Although not anticipated, there is a potential for spills when using chemicals or fueling equipment. In the event of a spill, notify facility PEL. If the PEL cannot be contacted, report the release to the Spill Notification Team (208-241-6400). Clean up the spill and turn over spill cleanup materials to WGS.

Using, Reusing, and Conserving Natural Resources

All materials would be reused and/or recycled where economically practicable. All applicable waste would 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

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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: 10 CFR 1021, Appendix B to Subpart D, item 1.15 "Support buildings"

Justification: Project activities described in this EC are consistent with 10 CFR 1021, Appendix B to Subpart D, item B1.15 "Siting, construction or modification, and operation of support buildings and support structures (including, but not limited to, trailers and prefabricated and modular buildings) within or contiguous to an already developed area (where active utilities and currently used roads are readily accessible). Covered support buildings and structures include, but are not limited to, those for office purposes; parking; cafeteria services; education and training; visitor reception; computer and data processing services; health services or recreation activities; routine maintenance activities; storage of supplies and equipment for administrative services and routine maintenance activities; security (such as security posts); fire protection; small-scale fabrication (such as machine shop activities), assembly, and testing of non-nuclear equipment or components; and similar support purposes, but exclude facilities for nuclear weapons activities and waste storage activities covered in B1.10, B1.29, B1.35, B2.6, B6.2, B6.5, B6.6, and B6.10 of this appendix.

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

Approved by Jason Sturm, DOE-ID NEPA Compliance Officer on: 4/24/2019