

DOE-ID NEPA CX DETERMINATION

Idaho National Laboratory

SECTION A. Project Title: ATR Complex Perimeter Upgrades Rev 1

SECTION B. Project Description and Purpose:

The purpose of this revision is to add additional work scope.

The ATR Complex perimeter needs to be updated. Proposed modifications to complete the update are listed below:

- Design and install new cameras and support equipment, including a 70' pole
- Treat light poles with protectant
- Add new lights on poles
- Repair fence
- Install new access control equipment, roof devices, and a new vehicle barrier for TRA-658.

The scope of work in the original EC is described below:

The ATR Complex perimeter lights have been turned off for several years due to degradation of the system, and the lighting system needs to be brought back into service. Lamps have been blown off poles and bare wires are exposed. The proposed action would bring the lights located in the North West corner of the ATR perimeter back into service. Damaged light poles and fixtures will be replaced, and 27 new LED light fixtures will be installed. Perimeter lighting circuits will be re-energized to power these lights.

SECTION C. Environmental Aspects or Potential Sources of Impact:

Air Emissions

There is a potential to disturb asbestos containing building materials in drywall (presumed, not sampled) and caulking around windows and doors at TRA-658.

Emissions from machinery and equipment exhaust are expected.

Project activities have the potential to generate fugitive dust.

Disturbing Cultural or Biological Resources

Proposed activities have the potential to disturb biological and cultural resources.

Generating and Managing Waste

Project activities have the potential to generate a variety of wastes such as boxes, wood, wiring, paper, insulation, and some metals. The following types of waste are anticipated

- Industrial (non-hazardous, non-radioactive) waste, e.g. boxes, wood, wiring, paper, insulation, and some metals
- Hazardous wastes (e.g., metal containing paints)
- Polychlorinated Biphenyl (PCB) containing waste
- Asbestos containing waste

Releasing Contaminants

Typical construction chemicals such as adhesives, fuels, lubricants, oils, paints, etc., would be used on the project. Chemical use has a potential for small amounts of air emission and spills. Power poles will be treated with a pesticide to prevent insect damage.

Using, Reusing, and Conserving Natural Resources

All material will be reused and/or recycled where economically practicable. All applicable waste would be diverted from disposal in the landfill when possible.

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

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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: 10 CFR 1021, Appendix B to Subpart D, items B1.15 "Support buildings," B2.1 "Workplace enhancements," and B2.2 "Building and equipment instrumentation."

Justification: Project activities described in this EC are consistent with 10 CFR 1021, Appendix B to Subpart D, items 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;" B2.1 "Modifications within or contiguous to an existing structure, in a previously disturbed or developed area, to enhance workplace habitability (including, but not limited to, installation or improvements to lighting, radiation shielding, or heating/ventilating/air conditioning and its instrumentation, and noise reduction);" and B2.2 "Installation of, or improvements to, building and equipment instrumentation (including, but not limited to, remote control panels, remote monitoring capability, alarm and surveillance systems, control systems to provide automatic shutdown, fire detection and protection systems, water consumption monitors and flow control systems, announcement and emergency warning systems, criticality and radiation monitors and alarms, and safeguards and security equipment)."

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: 9/26/2017