

DOE-ID NEPA CX DETERMINATION
Idaho National Laboratory

SECTION A. Project Title: IF-691 (CIC) Chiller Fence Installation

SECTION B. Project Description and Purpose:

The SW corner of IF-691(CIC) has a chiller that sits in an open area on concrete and asphalt but doesn't have any barrier to protect the structure from unauthorized access or collision. The proposed project would install a six ft. tall chain link fence around the structure. The area that will be fenced is approximately 55 ft. x 40 ft. and will have a six ft. wide gate for access. The fence posts will be anchored in concrete once the asphalt and concrete is saw cut and removed from each post position. There will be no soil disturbance outside the existing asphalt and concrete area.

SECTION C. Environmental Aspects or Potential Sources of Impact:

Air Emissions

The proposed project activity has the potential to generate fugitive dust while augering fence post holes. All reasonable precautions will be taken to control fugitive dust during augering activities.

Discharging to Surface-, Storm-, or Ground Water

N/A

Disturbing Cultural or Biological Resources

N/A

Generating and Managing Waste

Project activities may generate non-hazardous, non-radioactive waste such as concrete, wood, scrap metal, wire scrap, packaging material, RCRA empty containers, etc. Waste minimization practices and recycling will occur as practical. Waste will be characterized and disposed at the direction of Waste Generator Services.

Releasing Contaminants

Project activities will use typical construction chemicals such as concrete additives, lubricants, fuels, paints, adhesives, etc. Subcontractors will submit chemical inventory lists along with associated SDS's for approval through the vendor data system and Chemical Coordinators will place these approved chemicals into the INL Comply Plus Chemical Management System for tracking purposes. Although not likely, spills of chemicals could occur during project activities.

Using, Reusing, and Conserving Natural Resources

Waste minimization practices and recycling will occur where practical.

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: 10 CFR 1021, Appendix B to subpart D, items B1.11 Fencing.

Justification: Project activities are consistent with 10 CFR 1021, Appendix B1.11 "Installation of fencing, including, but not limited to border marking, that would not have the potential to significantly impede wildlife population movement (including migration) or surface water flow."

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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:1/19/2021