

ENVIRONMENTAL CHECKLIST IDAHO NATIONAL LABORATORY

SECTION A. Project Title: CFA-696 Power and Plumbing Upgrades

SECTION B. Project Description:

There is insufficient electrical power in the East Bay and the West Bay of the Central Facility Area (CFA) Transportation Complex to allow the craftsmen to fully utilize the available floor space without the use of extension cords. Additionally, a new hydraulic hose clamper is to be installed in the Parts Room and it needs a dedicated 30A power supply. The craftsmen also need another wash sink in the East Bay. The current method of connecting to the internet using Local Area Network (LAN) cables is cumbersome and inefficient. There is not enough lighting in the north side of the southeast section of the East Bay.

This project installs the necessary electrical service, additional plumbing, and wireless internet capability as itemized below:

- Install eight new 110 VAC 20 A electrical outlets in the East Bay.
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- The East Bay will require a new power panel with power run from the main distribution panel.
- Install two new light fixtures in the north side of the southeast corner of the East Bay.
- Install a new sink and a larger relocated water heater. The new sink will be located in the area currently occupied by a drinking fountain. The drinking fountain will have to be moved to the north of it's present location. The new location of the water heater will be on the roof of room 151.
- Install wireless LAN connection capability throughout the Transportation Complex.
- Install two new 110 VAC 30 A electrical outlets on the north wall of the Parts Room to support installation of a new hose clamping machine.
- There will be no emissions or other new waste streams from the new hose clamping machine.
- The new electrical outlets will power hand tools and computers for use by the craftsmen in the Transportation Complex.
- The new wash sink is needed to provide wash sink availability to the craftsmen in the East Bay to prevent them from having to walk all the way to the service sink in the west end of the building to wash their hands or to fill water buckets needed for cleaning or rinsing elements on which they are working.
- The new wireless LAN is needed in order to allow the craftsmen to have unfettered (by a LAN cable) use of the laptop computers they use when working on the equipment.

SECTION C. Environmental Aspects / Potential Sources of Impact:

Generating and Managing Waste - This project installs plumbing, electrical and Internet LAN systems. The materials are all standard materials for the application and have little to no environmental impact. The waste generated will be normal construction waste with no hazardous material. There will be no additional waste streams generated as a result of this upgrade. The new sink only changes the location of the wash evolution by sending approximately fifty percent of the current stream from the west end to the east end and does not add a new stream.

SECTION D. Determine the Level of Environmental Review (or Documentation) and Reference(s): Identify the applicable categorical exclusion from 10 CFR 1021, Appendix B, give the appropriate justification, and the approval date.

Note: 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, including requirements of DOE orders; 2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities; 3) disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that pre-exist in the environment such that there would be uncontrolled or unpermitted releases; 4) adversely affect environmentally sensitive resources. In addition, no extraordinary circumstances related to the proposal exist which would affect the significance of the action, and the action is not "connected" nor "related" (40 CFR 1508.25(a)(1) and (2), respectively) to other actions with potentially or cumulatively significant impacts.

References: 40 CFR 1021, Subpart D, Appendix B, **B1.7** and **B2.1**

Justification: The upgrades to be accomplished in this project involve installation and operation of a communication system (covered under B1.7) and modifications (lighting and plumbing) to enhance workplace habitability (covered under B2.1).

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

Approved by Jack Depperschmidt, DOE-ID NEPA Compliance Officer on: 2/1/2010