

DOE-ID NEPA CX DETERMINATION

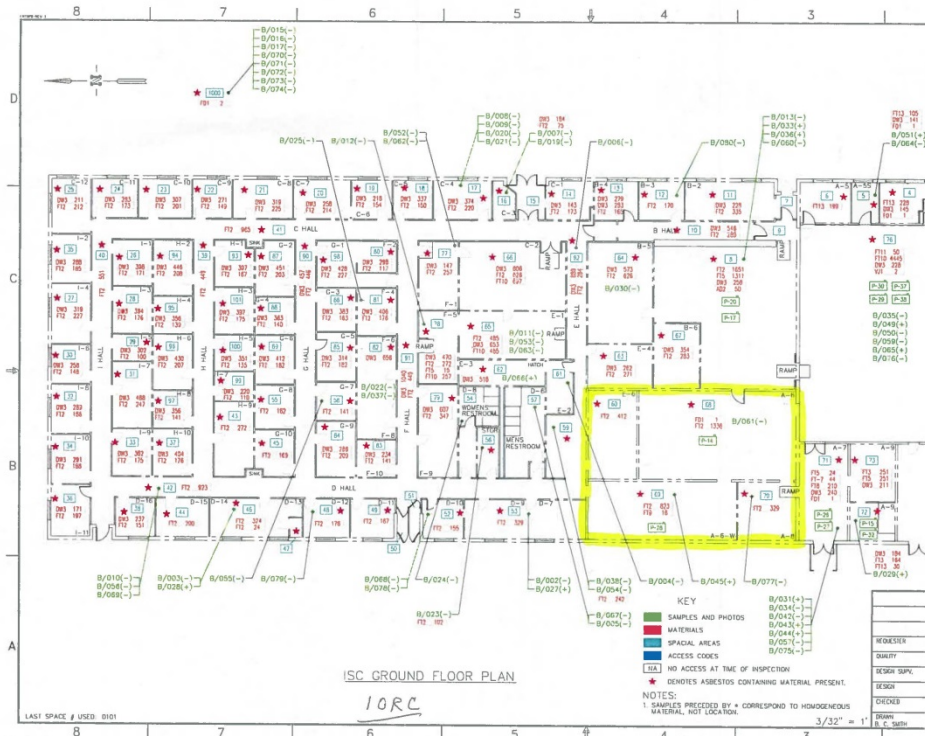
Idaho National Laboratory

SECTION A. Project Title: Idaho Falls (IF)-608 (Information Operations and Research Center [IORC]) Room E-8 Secure Area Office Modifications

SECTION B. Project Description and Purpose:

Room E-8 in the Information Operations and Research Center (IORC), building IF-608, needs additional office area space. The proposed action would remodel room E-8 to increase office area space and supply adequate heating, ventilation, and air conditioning (HVAC) to each office. The area is approximately 18 feet wide by 64 feet in length with a raised floor and updraft ventilation. There are four partitioned wall offices in this area, with one third of the floor space dedicated to Information Technology (IT) data racks. The entire area (Figure 1), including the raised floor, would be demolished then remodeled to include six to seven hard wall offices.

Figure 1. IORC Secure Area



The proposed modification includes the following actions:

1. Transfer data racks to adjacent secure room to the east
2. Remove office area partitioned walls, raised floor, and updraft floor ventilation
3. Install new hard wall office areas supported from the lower concrete slab
4. Move utilities from below the raised floor to above the ceiling (the ceiling may need to be lowered to accommodate ventilation and utilities)
5. Modifying ventilation system with two ceiling diffusers
6. Add electrical and data to each office area
7. Rework security systems to meet requirements.

The project is estimated to be completed during the summer of 2016 at a cost of approximately \$125 K.

SECTION C. Environmental Aspects or Potential Sources of Impact:

Air Emissions

Asbestos containing building building materials (floor tile, fire doors, drywall, etc.) are known to be present in IF-608 (see Figure 1). Suspect materials may be sampled or presumed to contain asbestos and managed appropriately.

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Disturbing Cultural or Biological Resources

IF-608 is currently not eligible for nomination to the National Register of Historic Places. Therefore, no further cultural resource reviews are required for this project.

Generating and Managing Waste

Industrial (non-hazardous, non-radioactive) waste will be generated during the project. Hazardous waste is not expected, but may be generated (e.g., paint containing heavy metals). Asbestos containing waste and potential polychlorinated biphenyl (PCB) contaminated material (e.g., paint prior to 1982) is expected to be generated. All waste would be characterized, managed, and dispositioned through Waste Generator Services (WGS).

Releasing Contaminants

Typical construction chemicals such as lubricants, paints, adhesives, etc., will be used during the project. All spills would be reported to the Construction Field Representative and Spill Notification Team if applicable.

Using, Reusing, and Conserving Natural Resources

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 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 B2.1 "Workplace enhancements" and B2.2 "Building and equipment instrumentation".

Justification: Activities are consistent with 10 CFR 1021, 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, ...or heating/ventilation/air conditioning and its instrumentation, and noise reduction)."

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, ... announcement and emergency warning systems, ...and safeguards and security equipment)."

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: 6/29/2016