

**DOE-ID NEPA CX DETERMINATION
IDAHO NATIONAL LABORATORY**

SECTION A. Project Title: SMC Dial Room

SECTION B. Project Description

The purpose of this project is to design and construct a new "Specific Manufacturing Capability (SMC) Dial Room" (and to procure/install communications equipment) inside the SMC security controlled area. The project will replace an existing dial room in Test Area North (TAN)-601, which is located at the Test Support Facility (TSF) area of TAN and outside SMC control. Because of the requirement for constant use of the voice and data transfer equipment in TAN 601, the project plan is to duplicate the existing equipment in TAN 601, and use TAN 601, until the new SMC Dial Room is on-line.

The project is to design/specify data and voice transfer equipment, construct a facility to house the equipment, procure and install all necessary equipment, and then test and turn over the new facility and equipment to SMC. This is a multi-year project and it is anticipated that the design and siting of the facility will occur in FY 2010 followed with construction in FY 2011. Turnover, testing and final commission of the facility may not occur until Fiscal Year 2012.

The demolition of the TAN 601 facility is not in the scope of this project. The demolition of the TAN 601 facility will be addressed by Battelle Energy Alliance's (BEA's) Infrastructure group after the new SMC Dial Room is operational (part of the design process will be to determine if all facilities at TAN will be serviced by the new SMC dial room, or if some TAN 601 capabilities need to be maintained). This project is being completely funded by SMC; services for other customers will need to be justified on a cost benefit basis that best suit DOE and the U.S Army.

SECTION C. Environmental Aspects / Potential Sources of Impact

Air Emissions: Fugitive dust may be generated during facility construction, and will be mitigated with dust suppression if necessary and/or by restricting activities during high wind conditions. The facility will have a small emergency generator with an above ground fuel storage tank and would generate air emissions while the generator was operating. The generator will be sized and operated to meet Idaho Department of Environmental Quality air permitting exemption criteria in Idaho Administrative Procedures Act 58.01.01.222.

Disturbing Cultural /Biological Resources - The SMC Dial Room will be constructed in an area that was evaluated in 2009 for cultural and biological resources. When final location for construction is identified, SMC will request concurrence from the respective organizations that either a follow-up cultural/biological evaluation is not necessary, or will fund new evaluations.

Generating and Managing Waste - The project will involve the generation of waste from the construction activities related to equipment installation and the construction of the enclosure which is not intended for full time human occupancy. Most construction waste will be disposed of at the INL landfill and a small portion could be segregated for recycling.

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: 10 CFR 1021, Appendix B, B1.15 "Siting, construction (or modification) of support buildings..., including those for computer and data processing, administrative services, security; and similar support purposes..."

Justification: This dial room will house a variety of communications equipment and will support not only SMC facilities, but also some TAN facilities, the extent of which is yet to be determined. The need for SMC to maintain control over SMC facilities and improve communications capability provides justification for this action.

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

Approved: 11/2/2009