

# DOE-ID NEPA CX DETERMINATION

## Idaho National Laboratory

### **SECTION A. Project Title:** Idaho National Laboratory (INL) Identity Credential Access Management (ICAM) Project

### **SECTION B. Project Description and Purpose:**

To achieve Identity Credential Access Management (ICAM) objectives stipulated by Department of Energy (DOE) Order 206.2, Idaho National Laboratory (INL) needs to establish an access management system that incorporates issuance of an Homeland Security Presidential Directive (HSPD)-12 credential to each Battelle Energy Alliance, LLC (BEA) and subcontractor employee. The use of this credential implements multi-factor authentication to verify system use authorization, facility entry authorization, and grant access to controlled areas and systems.

The proposed action would perform the following four primary tasks:

1. Ensure a HSPD-12-type identity credential is issued to each BEA and subcontractor employee as appropriate.
2. Install credential-reading devices for logical access to INL computer systems. These are integrated into computer keyboards or a separate USB accessory that sits on a desk adjacent to the keyboard.
3. Install or replace facility access card readers at INL facilities with readers designed for multi-factor authentication access to all appropriate INL facilities. This will consist of replacing outdated card reader units in place as part of the regular facility maintenance schedules and installation of a selected small number of card readers at new locations.
4. Implement software modifications necessary to require use of the HSPD-12 credential to obtain access to INL computer systems and selected INL facilities.

Card reader installation related to facility access would be incident to card reader maintenance. Card reader installation related to computer system access would include the addition of a computer accessory.

Software modifications would include those necessary to prepare to make the INL ICAM system outward compatible and prepared for interface with the Federal ICAM system.

### **SECTION C. Environmental Aspects or Potential Sources of Impact:**

#### **Disturbing Cultural or Biological Resources**

Various INL facilities are eligible for nomination to the National Register of Historic Places and removal and/or changes of original features may adversely impact these historic properties. However, the project activities as described are exempt (Idaho National Laboratory Cultural Resource Management Office. Idaho National Laboratory Cultural Resource Management Plan. DOE/ID-10997, revision 6, Idaho Falls, Idaho: U.S. Department of Energy, Idaho Operations Office, 2016; pg 51, Table 2, Exemption 5). As such, the project may proceed as described without further cultural resource review.

#### **Generating and Managing Waste**

Small amounts of waste in the form of scrap wire, scrap conduit, packaging material, old card readers (circuit boards), etc., may be generated throughout the project. All waste will be characterized, stored, and disposed at the direction of the facility Waste Generator Services organization.

#### **Releasing Contaminants**

Chemical use has a potential for small air emissions and spills.

#### **Using, Reusing, and Conserving Natural Resources**

All materials would be reused and/or recycled where economically practicable. All applicable waste would be diverted from disposal in the landfill where conditions allow. The project would practice sustainable acquisition.

### **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 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)).

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**References:** National Environmental Policy Act (NEPA) Implementing Procedures, Final Rule, 10 CFR 1021, Appendix B to Subpart D, Categorical Exclusion B2.2 "Building and equipment instrumentation"

**Justification:** The proposed activities are consistent with CX 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 Jack Depperschmidt, DOE-ID NEPA Compliance Officer on: 4/25/2016