# National Nuclear Security Administration
# Categorical Exclusion Determination Form

NEPA ID#: HEDLP 15-001-001

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Proposed Action Title: Los Alamos Operations (LAO) Office (NV-2015-016)

Program or Field Office: Nevada Field Office

Location(s) (City/County/State): Los Alamos, NM

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Proposed Action Description:

National Security Technologies Los Alamos Office (LAO) is a single, three-story building located at 2900 East Rd (formerly 182 East Gate Dr.) approximately 5 miles NE of the Los Alamos National Laboratory site in Los Alamos, New Mexico. The building has a gross are of 50,492 square feet with 41,489 useable space (about two-thirds for offices and one-third for laboratories). It is a leased facility that has been operated in the same manner since 1986.

LAO is an applied-science and engineering organization engaged in research, analysis, testing, and field operations for the Los Alamos National Laboratory, NNSS, and other national labs. LAO consists of three technical sections and one administrative section. The technical sections are Electro-Optics, Diagnostic Instrumentation, and Physics and Analysis. The following activities would continue in support of the Stockpile Stewardship mission:

- Design, fabrication, and testing of sophisticated ultra-fast electro-optic imaging systems and recording systems for fast-transient signals
- Field support for experiments
- Analysis of data; and support capabilities such as custom software, and hardware development, equipment calibration, graphics, document publishing, report production, and design/drafting services
- The x-ray labs operate radiation=generating devices (RGDs), providing a range of x-ray energies for calibration of detectors and to test equipment performance.
- The laser laboratories that use Class 3B and 4 lasers are interlocked and only have solid stat lasers. Lasers are used in the development and testing of new diagnostic instrumentation and holography
- Many LAO activities use high-voltage equipment
- Build and test fiber optic cables
- There are a limited number of chemicals used in very small quantities such as ethyl alcohol for cleaning electronic components and epoxies for building fiber-optic cable.

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Categorical Exclusion(s) Applied:

10 CFR 1021: B3.6 Small-scale research and development, laboratory operations, and pilot projects

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For the complete DOE National Environmental Policy Act regulations regarding categorical exclusions including the full text of each categorical exclusion, sec Subpart D of 10 CFR 1021. Regulatory Requirements in 10 CFR 1021.410(b): (Sec full text in regulation)

The proposal fits within a class of actions that is listed in Appendix A or B to 10 CPR Part 1021, Subpart D.

There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal.

The proposal has not been segmented to meet the definition of a categorical exclusion.

Based on my review of information conveyed to me and in my possession concerning the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451. 1B), I have determined that the proposed action fits within the specified class(es) of action and that other-regulatory requirements set forth above are met. Therefore, the application of a categorical exclusion is appropriate.

NEPA Compliance Officer: Linda Cohn

Date Determined: 4/21/2015