



**Department of Energy**  
**National Nuclear Security Administration**  
National Environmental Policy Act (NEPA) Determination Form



**Proposed Action Title:** Categorical Exclusion for Construction and Operation of a Light Manufacturing Facility to support the Isotope Production Program at Los Alamos National Laboratory

**Program or Field Office:** Los Alamos Field Office

**Location(s) (City/County/State):** Los Alamos, NM - Technical Area 53, Building 1358

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**Proposed Action Description:** The U.S. Department of Energy (DOE), National Nuclear Security Administration (NNSA) proposes to construct at Los Alamos National Laboratory (LANL) a new 10,000 square foot light manufacturing facility at Technical Area 53 to support DOE/NNSA’s Isotope Production Program. This new manufacturing facility will be an integrated system of process equipment, hot cells, and analytic laboratories for the purpose of extracting alpha ( $\alpha$ )-emitting radioisotopes derived from thorium targets irradiated at LANL’s Isotope Production Facility (IPF). The proposed light manufacturing facility will allow the processing of thorium targets for  $\alpha$ -emitting isotopes directly from the neighboring IPF. The resulting medical isotopes would be shipped throughout the country and be used for varying cancer therapies.

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**Categorical Exclusions Applied:** The construction and operation of the proposed Light Manufacturing Facility meets all the eligibility criteria for the use of categorical exclusions as described in 10 CFR Part 1021, Subpart D, Appendix B3.10 *Particle accelerators* and B1.15 *Support buildings*. Furthermore, any potential impacts attributed to the proposed operations are not significant in terms of potential direct/indirect or cumulative impacts to the environment.

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**NEPA Compliance Officer Determination:** Based on my review of information conveyed to me and in my possession concerning the proposed action, as NEPA Compliance Officer (as authorized under NNSA NAP 451.1 and DOE P 451.1), I have determined that the proposed actions satisfy the DOE NEPA eligibility criteria and integral elements, do not pose extraordinary circumstances, has not been segmented, and meet the requirements for the CXs referenced above. This determination is made pursuant to the NEPA [42 U.S.C. 4321 et seq.], the U.S. Council on Environmental Quality Regulations for Implementing the Procedural Provisions of NEPA [40 CFR 1500], and the DOE NEPA Implementing Procedures [10 CFR 1021].

NEPA Compliance Officer:

Date Determined:

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Kristen Dors  
NEPA Compliance Officer, DOE/NNSA  
Los Alamos Field Office

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Date