



Department of Energy
National Nuclear Security Administration
NEPA Determination Form



Proposed Action Title: Categorical Exclusion for Offsite Graphite Machining

Program or Field Office: Los Alamos Field Office

Location(s) (City/County/State): Continental U.S.

Proposed Action Description: The U.S. Department of Energy/National Nuclear Security Administration proposes to contract with potential offsite vendors to conduct graphite machining of components for mission support at Los Alamos National Laboratory (LANL). Offsite graphite machining would provide flexibility and efficiency for the non-hazardous machining in support of Sigma Operations' mission activity. Contracting with offsite vendors for offsite machining of graphite components would support the capabilities of the Sigma Complex. Potential vendors would need to be certified to conduct machining of non-hazardous materials and components for the NNSA Complex. Offsite graphite machining would use existing facilities that would not require additional construction, expansion, or capabilities. Installation and operation of manufacturing machinery for graphite operations would be consistent with the general mission of the existing receiving facility. Graphite waste in the form of discarded pieces and graphite chips and shavings generated at the site would be collected at the facility and disposed of at a permitted commercial disposal facility.

Categorical Exclusion Applied: The proposed action to relocate some graphite machining operations to an offsite facility meets the eligibility criteria of 10 CFR Part 1021, B1.31 *Installation or relocation of machinery and equipment* - Installation or relocation and operation of machinery and equipment (including, but not limited to, laboratory equipment, electronic hardware, manufacturing machinery, maintenance equipment, and health and safety equipment), provided that uses of the installed or relocated items are consistent with the general missions of the receiving structure. Covered actions include modifications to an existing building, within or contiguous to a previously disturbed or developed area, that are necessary for equipment installation and relocation. Such modifications would not appreciably increase the footprint or height of the existing building or have the potential to cause significant changes to the type and magnitude of environmental impacts.

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 action fits within the class of action specified at 10 CFR Part 1021, Subpart D, Appendix B1.31. I have determined that there are no extraordinary circumstances present and that the proposal has not been segmented. I approve the proposed project under 10 CFR Part 1021, Subpart D, Appendix B1.31. 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 the NEPA [40 CFR 1500], and the DOE NEPA Implementing Procedures [10 CFR 1021].

Kristen M. Dors
Digitally signed by
Kristen M. Dors
Date: 2022.12.08
15:56:05 -07'00'

NEPA Compliance Officer:

Date Determined: