

**NOTICE OF AVAILABILITY FOR THE DRAFT SITE-WIDE ENVIRONMENTAL
IMPACT STATEMENT FOR CONTINUED OPERATION OF THE LAWRENCE
LIVERMORE NATIONAL LABORATORY
DEPARTMENT OF ENERGY
NATIONAL NUCLEAR SECURITY ADMINISTRATION**

January 31, 2023

NOTICE IS HEREBY GIVEN that the Department of Energy, National Nuclear Security Administration, as the lead agency, circulated a draft Site-wide Environmental Impact Statement (SWEIS) for public review in November 2022, accordance with the National Environmental Policy Act of 1969 (NEPA) for the Continued Operation of the Lawrence Livermore National Laboratory. The initial public review process ended on January 18, 2023. NNSA is hereby re-circulating the draft SWEIS to provide the State of California a second opportunity to review the document.

Project Title: Draft Site-Wide Environmental Impact Statement for Continued Operation of The Lawrence Livermore National Laboratory (Draft LLNL SWEIS) (DOE/EIS-0547)

Lead Agency: Department of Energy, National Nuclear Security Administration

Project Location: The Lawrence Livermore National Laboratory Livermore Site is located in the City of Livermore at 7000 East Avenue and Site 300 is located near the City of Tracy.

Project Description: NNSA is responsible for meeting the national security requirements established by the President and Congress to maintain and enhance the safety, reliability, and performance of the U.S. nuclear weapons stockpile. The continued operation of LLNL is critical to NNSA's Stockpile Stewardship and Management Program, to prevent the spread and use of nuclear weapons worldwide, and to many other areas that may impact national security and global stability. The Draft LLNL SWEIS analyzes two alternatives: (1) the No-Action Alternative and (2) the Proposed Action. The Draft LLNL SWEIS also analyzes the new hybrid work environment under both alternatives due to increases in remote work at LLNL. Under the No-Action Alternative, NNSA would continue current facility operations throughout LLNL in support of assigned missions. The No-Action Alternative includes previously approved construction of new facilities; modernization, upgrade, and utility projects; and decontamination, decommissioning, and demolition of excess and aging facilities through 2022.

The Proposed Action includes the scope of the No-Action Alternative and an increase in current facility operations or enhanced operations that may require new or modified facilities and that are reasonably foreseeable over the next 15 years. Continued re-investment in site infrastructure would allow LLNL to meet mission deliverables and sustain science, technology, and engineering excellence to respond to future national security challenges. The Proposed Action includes 75 new projects, totaling 3.3 million square feet, between 2023 and 2035. This comprises 61 proposed projects, totaling 2.9 million square feet, at LLNL's main site in Livermore, California and 14 proposed projects, totaling 385,000 square feet, at LLNL's remote testing site, Site 300, near Tracy, California. In addition, NNSA proposes 20 types of

modernization, upgrade, and utility projects, each involving several facilities. Under the Proposed Action, NNSA would also decontaminate, decommission, and demolish 150 facilities, totaling 1,170,000 square feet. NNSA proposes operational changes that would increase the tritium emission limits in the National Ignition Facility (Building 581) and the Tritium Facility (Building 331), decrease the administrative limit for fuels-grade-equivalent plutonium in the Superblock (Building 332), increase the administrative limits for plutonium-239 at Building 235, and revise the National Ignition Facility radioactive materials administrative limits to be consistent with DOE's Facility Hazard Categorization Standard (DOE-STD-1027).

Environmental Effects: Land Use, Aesthetics and Scenic Resources, Geology and Soils, Water Resources, Air Quality, Noise, Biological Resources, Cultural and Paleontological Resources, Socioeconomic characteristics and Environmental Justice, Traffic and Transportation, Infrastructure, Waste Management and Materials Management, Human Health and Safety, Environmental Remediation.

Availability: The Draft LLNL SWEIS is available online at: <https://www.energy.gov/nnsa/nnsa-nepa-reading-room> and <https://www.energy.gov/nepa/listings/latest-documents-and-notice>. Copies of the Draft LLNL SWEIS are also available for review at the Livermore Public Library, 1188 South Livermore Avenue, Livermore, California, and the Tracy Public Library, 20 East Eaton Avenue, Tracy, California.

Comments: Written and verbal comments will be given equal weight and NNSA will consider all comments received or postmarked by March 1, 2023 in preparing the Final LLNL SWEIS. Comments received or postmarked after March 1, 2023, will be considered to the extent practicable. Written comments on the Draft LLNL SWEIS or requests for information related to the Draft LLNL SWEIS should be sent by email to: LLNLSWEIS@nnsa.doe.gov or to Ms. Fana Gebeyehu-Houston, LLNL SWEIS Document Manager, DOE/NNSA, 1000 Independence Ave., SW, Washington, DC 20585. Following the public comment period, and after consideration of comments received, NNSA will prepare a Final LLNL SWEIS.

For more information, please contact Ms. Fana Gebeyehu-Houston, LLNL SWEIS Document Manager, at LLNLSWEIS@nnsa.doe.gov.