

No-Action Alternative

Ongoing Operations + Approved Projects through 2038

Construction & Decontamination, Decommissioning, and Demolition (DD&D)

- Construction: 23 new facilities, totaling approximately 1.5 million square feet (33.8 acres), and 132.2 acres of infrastructure
- DD&D: 186 facilities, for a total footprint of 37.4 acres
- Net change in footprint of +128.7 acres

Electrical Power Capacity Upgrade (EPCU)

- Installation of a third transmission line would increase import capacity from 116 MW to 200 MW and increase consumption capacity to 1,440 million kWh/year.
- Temporary land disturbances of 52 acres on site and 32 acres of off site and permanent disturbances of 8 acres off site for roads.
- The Draft SWEIS reflects the Draft EPCU EA; The Final SWEIS will reflect future changes in the Final EPCU EA as a result of agency, tribal, and public comments.

Pit Production

- Production of a minimum of 30 war reserve pits per year for the national pit production mission and to implement surge efforts to exceed 30 pits per year up to the analyzed limit to meet Nuclear Posture Review and national policy.
- Pit production will increase the LANL workforce, radiological emissions, collective worker dose, waste generation, and radiological transportation.

Flanged Tritium Waste Containers (FTWC) Venting

- One-time venting of four FTWCs could release up to 30,000 curies of tritium, which would result in a potential offsite dose contribution to an MEI of up to 8 millirem. The vast majority of the tritium in the FTWCs will be captured during venting and not be released to the atmosphere.
- After venting, the FTWCs would be transported to the Weapons Engineering Tritium Facility for further treatment in preparation for shipment to off site waste disposal facilities.

Remediation

- DOE will continue remediating contaminated areas at LANL in accordance with the Consent Order. The Draft SWEIS present the current status and the range of potential environmental remediation actions (including capping and removal options). The potential impacts of the baseline planning for remediation are presented as part of the No-Action Alternative.