

TABLE A.2.3–1.—*Livermore Site Program Projections*

Project Name	Square Feet	Map Location
No Action Alternative		
National Ignition Facility	570,000	N1
BioSafety Level (BSL) 3 Facility	1,500	N3
Terascale Simulation Facility	253,000	N2
Superblock Stockpile Stewardship Program operations	N/A	N18
Container Security Testing Facility	54,000	N9
East Avenue Security Upgrade	N/A	N10
Central Cafeteria replacement	16,300	N17
International Security Research Facility	64,000	N8
Waste Isolation Pilot Plant (WIPP) Mobile Vendor	N/A	b
Engineering Technology Complex upgrade (ETCU)	N/A	N7
Tritium Facility Modernization	7,000	N12
Advanced Materials Program	N/A	N6
BioSafety Laboratories	N/A	b
Reclassify Building 446 as BSL-2 Facility	1,730	N15
Remove and replace offices	d	N14
Westgate drive improvements	N/A	N5
Extend Fifth Street	N/A	N4
Superblock security upgrade	N/A	N18
Site utilities upgrade	N/A	b
Protection of real property (roofs)	N/A	b
Building 298 roof replacement	47,000	N16
Plutonium Facility ductwork replacement	N/A	N11
SNM tests with Optical Science Laser	N/A	N13
Deactivation and D&D Projects	234,443	c
Proposed Action includes all the projects under No Action Alternative and the following additional projects		
Use of Proposed Materials on the National Ignition Facility	N/A	P1
Integrated Technology Project in the Plutonium Facility	N/A	P3
Increased administrative limits for plutonium in the Superblock	N/A	P7
Increased material-at-risk limits for Superblock	N/A	P7
Increase of Tritium Facility material limits	N/A	P6
High Explosives Development Center Project	N/A	e
NIF neutron spectrometer	N/A	P1
Material Science Modernization Project	60,000	P5
Chemical and Biological Nonproliferation Program expansion	N/A	P4
Petawatt Laser Prototype	N/A	P1
Consolidated Security Facility	50,000	P2
Waste management	N/A	P9
Building 625 waste storage	N/A	P10
Direct Shipment of transuranic wastes from the Plutonium Facility	N/A	P3
Berkeley waste drums	N/A	a
Building utilities upgrade	N/A	b
Building seismic upgrades	N/A	b
Building 696R Mixed Waste Permit	N/A	P8
Deactivation and D&D Projects	456,456	c
Increased Administrative Limit for Highly Enriched Uranium for Building 239	N/A	P11

TABLE A.2.3–1.—Livermore Site Program Projections (continued)

Project Name	Square Feet	Map Location
Reduced Operation Alternative would involve the following program reductions and projects		
Integrated Technology Project	N/A	R3
NIF Operations Reduction	N/A	R1
Reduce Number of EDUs	N/A	R3
Reduce Pit Surveillance Efforts	N/A	R3
Reduce Number of Sub-Critical Assemblies	N/A	R3
Terascale Simulation Facility Operations Reduction	N/A	R2

Source: Original.

^a Not available.

^b Several site-wide locations.

^c See Table A.3.2–2 for Livermore Site Decontamination and Decommissioning projects.

^d 20,000 square feet per year.

^e Site 300.

D&D = decontamination and demolition; EDU = Engineering Demonstration Unit; N/A = not applicable; NIF = National Ignition Facility; SNM = special nuclear material.