

Alternatives Analyzed

Produce plutonium pits at required quantities to meet national security requirements (50 U.S.C. 2538a)

No-Action Alternative

LANL

- Upgrade, modernize, and extend the life of PF-4
- Construct new support facilities and upgrade existing facilities
- Implement TRU waste staging areas
- Produce 30 ppy with surge efforts to 80 ppy
- All analyzed in 2026 LANL SWEIS and included in ROD

SRS

- Implement approved construction activities from 2020 ROD

Multi-Site Alternative (preferred alternative) LANL and SRS could operate concurrently

LANL

- Same as the No-Action Alternative

SRS

- Operate SRPPF to produce a minimum of 50 ppy and a maximum of 125 ppy

Single Site Alternative

Analyzed in the event multi-site pit production is no longer needed/desired within the next 50 years

LANL (as single site)

- Same as the No-Action Alternative
- No production at SRS

SRS (as single site)

- Same as Multi-Site Alternative
- LANL would be maintained in standby mode and would produce minimal pits to maintain competencies

Acronyms: LANL = Los Alamos National Laboratory; PF-4 = Plutonium Facility 4; ppy = pits per year; ROD = Record of Decision; SRPPF = Savannah River Plutonium Processing Facility; SRS = Savannah River Site; SWEIS = Site-Wide Environmental Impact Statement; TRU = Transuranic; U.S.C. = United States Code