



Fiscal Year (FY) 2023 Performance Evaluation Summary

Contractor: Triad National Security, LLC

Contract: 89233218CNA000001

Evaluation Period: October 1, 2022 – September 30, 2023

Basis of Evaluation: FY 2023 Performance Evaluation and Measurement Plan (PEMP)

The FY 2023 PEMP for this contract is available at: <https://www.energy.gov/nnsa/articles/fy2023-performance-evaluation-and-measurement-plan-triad-national-security-llc>

The Contract is available at: <https://www.energy.gov/nnsa/los-alamos-national-laboratory-contract>

Award Fee Scorecard

Goal	Rating		At Risk Available	Final
	Adjectival	Percent		
Goal-1: Mission Delivery: Nuclear Weapons	Excellent	91%	\$10,898,532	\$ 9,917,664
Goal-2: Mission Delivery: Global Nuclear Security	Very Good	90%	\$ 2,724,633	\$ 2,452,170
Goal-3: Mission Innovation: Advancing Science and Technology	Excellent	100%	\$ 2,724,633	\$ 2,724,633
Goal-4: Mission Enablement	Very Good	82%	\$ 6,811,583	\$ 5,585,498
Goal-5: Mission Leadership	Very Good	90%	\$ 4,086,950	\$ 3,678,255
Total Award Fee		89%	\$27,246,331	\$24,358,220

In addition, the fixed fee and total fee summaries are provided below:

	Available	Final
Fixed Fee	\$21,369,672	\$21,369,672
SPP (Fixed Fee)	\$ 3,047,283	\$ 3,047,283
Total Fixed Fee	\$24,416,955	\$24,416,955
Total Fee (Award Fee and Fixed Fee)	\$51,663,286	\$48,775,175

Overall, Triad earned a Very Good (89 percent) rating for FY 2023, exceeding many of the objectives and key outcomes under the PEMP goals, generally meeting overall cost, schedule, and technical performance requirements with accomplishments that greatly outweighed issues.

Accomplishments

Goal 1

- Provided exemplary Design Authority support for stockpile modernization and sustainment
- Exceeded commitments for surveillance pit disassembly
- Exceeded the expected number of pit builds in FY 2023
- Implemented an Operations Integration Center to provide centralized integration of activities in the Plutonium Facility (PF-4)
- Made substantial progress in development and qualification of new explosive formulations
- Delivered and fully installed the Crossroads supercomputer system

Goal 2

- Advanced Defense Nuclear Nonproliferation Research and Development
- Hosted multi-lab Sputnik exercise advancing efforts on threat reduction
- Supported the Nuclear Emergency Support Team
- Provided support for the U.S. Nuclear Detonation Detection System
- Supported policy objectives and goals in the Nuclear Nonproliferation Treaty

Goal 3

- Supported Strategic Partnership Projects and Strategic Integrated Partnership Projects
- Strengthened engagement and partnership by utilizing lab capabilities
- Strong support for DOE/NNSA priorities through research and leadership
- Evolved workforce opportunities to ensure achievement of mission

Goal 4

- Implemented initiatives that improved workplace safety and health
- Made enhancements to Nuclear Safety Programs that support growing weapons mission
- Supported shipments to the Waste Isolation Pilot Plant
- Leader in security discipline advancements
- Provided environmental analysis of radiological hazards to the public and environment
- Commissioned Fire Controls System equipment and related software

Goal 5

- Implemented multiple Contractor Assurance System process improvements
- Coordinated with other NNSA sites to ensure producibility of pits in a manufacturing environment
- Established cross-site weapon system requirements management system

Issues:Goal 1

- Behind baseline on non-nuclear component production
- Delays in PF-4 work execution schedules due to poor coordination of work activities
- Out-year infrastructure and production planning did not meet program needs

Goal 2

- Oxide production for surplus plutonium disposition did not meet baseline goal

Goal 3

- None

Goal 4

- Unintended radiation exposure of workers and improper control of radioactive material occurred
- Delay of projects associated with Surplus Plutonium Disposition
- Lack of facility availability due to delayed resolutions of safety structure, system, or component (SSC) impacts
- Despite improvements, cost and schedule issues persisted among numerous projects
- Shortcomings with Explosives Safety Site Plan management

Goal 5

- Lack of transparency regarding Cyber and Information Technology Self-Assessments
- Issues with pre-job briefs, work planning and adherence to procedures
- Delays in recovery from events due to lack of integration and urgency