National Nuclear Security Administration

Honeywell Federal Manufacturing and Technologies, LLC

Performance Evaluation Report

NNSA Kansas City Field Office

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

December 15, 2023

Controlled by: National Nuclear Security Administration, (b)(6)
Kansas City Field Office Contracting (b)(6) kcnsc.doe.gov

Executive Summary

This Performance Evaluation Report (PER) provides the National Nuclear Security Administration (NNSA) assessment of performing entity, Honeywell Federal Manufacturing and Technologies, LLC (FM&T), performance of the contract requirements for the period of October 1, 2022, through September 30, 2023, as evaluated against the Goals defined in the Performance Evaluation and Measurement Plan (PEMP).

Pursuant to the terms and conditions of the Contract, the PEMP sets forth the criteria by which NNSA evaluates FM&T performance, as required by Federal Acquisition Regulation (FAR) Part 16.4, which outlines expectations for administering award-fee type incentive contracts. This is the type of contract in place between NNSA and its management and operating (M&O) partners. A key requirement of FAR Part 16 is to establish a plan that identifies award-fee evaluation criteria and "how they are linked to acquisition objectives which shall be defined in terms of contract cost, schedule, and technical performance."

In accordance with the regulation, the PER assesses FM&T performance against the PEMP and provides the basis for determining the amount of award fee earned by FM&T. NNSA took into consideration performance information obtained from NNSA Program and Functional Offices, both at Headquarters and in the field, and from the Contractor Assurance System.

FM&T is the M&O contractor for the Kansas City National Security Campus (KCNSC), which includes several facilities and various satellite locations. The primary facility is in Kansas City, Missouri, and consists of a government-leased, non-nuclear weapon component production plant that manufactures and/or procures non-nuclear material components. The site also supports Nuclear Nonproliferation, Emergency Management, and Counterterrorism missions, as well as a Global Security mission that involves development and delivery of engineering solutions for other government agencies' missions. Satellite operations include facilities located in Albuquerque, New Mexico, that provide support to other Department of Energy (DOE) organizations.

Performance issues and accomplishments were present throughout fiscal year (FY) 2023. Performance accomplishments in Goals 1 through 5 were noteworthy this reporting period. The FM&T Plutonium Modernization Team delivered required items ahead of schedule, enabling the program to stay on track for First Production Unit (FPU) (Goal 1). FM&T provided effective operational and logistical support to the Nuclear Emergency Support Team's (NEST) response to Russia's War on Ukraine (Goal 2). FM&T advanced national security missions through innovation by expanding the frontiers of Science, Technology, and Engineering (Goal 3). With the support of FM&T, the NNSA completed the purchase of Building 23 (Goal 4). FM&T maintained a strong leadership presence on multiple Enhanced Mission Delivery Initiative (EMDI) working teams and fully embraced NNSA's EMDI goals (Goal 5).

FM&T's performance issues included not effectively managing critical production processes or resolution of the subsequent production issue, which resulted in increased design agency leadership, technical and safety Subject Matter Expert (SME) work scope, initiated substantial

actions from multiple NNSA federal offices, and ultimately required senior level NNSA adjudication (Goal 5).

FM&T earned an overall rating of Very Good and 90 percent of the award fee during this performance period. FM&T earned an Excellent rating for Goals 1, 2, and 3 and Very Good for Goals 4 and 5.

Goal 1: Mission Delivery: Nuclear Weapons
FM&T Amount of At-Risk Fee Allocation: $19,231,200

Under this goal, FM&T earned a rating of Excellent, and 91 percent of the award fee allocated to this goal. FM&T exceeded almost all objectives and key outcomes and met overall cost, schedule, and technical performance requirements of the contract under this goal in the aggregate. During the year, accomplishments greatly outweighed issues, and no significant issues in performance were identified. FM&T met performance expectations within expected cost.

FM&T completed 90 of 91 Level 2 milestones, recovering 14 milestones throughout the year that were at risk at one point. 1 milestone remained "not met" at the end of the year on the B61-12 Life Extension Program (LEP).

FM&T increased hardware shipments over previous years in support of the Stockpile Stewardship Management Plan and actively applied process improvements and innovative technologies into stockpile work. Both the B61-12 LEP and W88 ALT 370 achieved Last Production Unit (LPU) shipments for multiple components in this past year. Early engagement with Design Agencies (DA) enabled many design and programmatic milestones to be completed as planned for the W80-4 and W87-1 programs. For the majority of assigned Defense Programs' work, FM&T coordinated with multiple Nuclear Security Enterprise (NSE) sites to effectively address and reduce risk to execution. This was instrumental to reducing the impacts of issues that arose throughout FY 2023.

Accomplishments include:

- Shipped the LPU Arming, Fuzing and Firing (AF&F) assembly, marking the completion of the W76-1 LEP.
- Completed LPU for both the B61-12 Type 3C/E Trainers and ALT 941 on-time and one month early for the Nitrogen Cartridge.
- Achieved LPU milestones early to plan for the W88 ALT 370 Lightning Arrestor Connector (16 months early), Forward Mount (1 month early), and Desiccant Assembly (19 months early).
- Accelerated the W88 ALT 370 AF&F forecasted schedule recovery date by 13 months (March 2025 to February 2024), reducing production risk at Pantex.
- Completed Mk21 FPUs ahead of schedule for Missile Interface and Controller Module (5 days), Firing Set Interface Module (8 days), Launch Safety Device (7 days), and Arming and Fuzing Assembly Trainer (9 days).

- Contributed to the W80-4 program achieving Phase 6.4 Authorization, advancing into the Production Engineering stage.
- Partnered with Lawrence Livermore National Laboratory to significantly improve production yield on a critical W80-4 component.
- The W80-4 team served as a key contributor and leader in the NSE-wide producibility working group, providing consistent guidance, communication, and tools that will be used on current and future programs.
- The W87-1 team's contributions led to the successful on-time completion of 14 of 14 Conceptual Design Gates and 22 of 22 Conceptual Design Reviews with passing results.
- Exceeded Federal Program Office expectations with the support and implementation of a collaboration tool now used across the W93 program.
- FM&T New Mexico Operations was highly responsive and effective in working quality processes with the DA on the Mobile Guardian Transporter program development and met overall cost, schedule, and technical performance requirements on task agreements.

Issues include:

- For a B61-12 component, FM&T did not meet shipment quantity commitments to the receiving Production Agency (PA) because additional evaluations were required to address a production issue.
- FM&T failed to update chemical storage control limits after a requirement change, resulting in chemicals experiencing temperatures outside of requirements. The issue required a substantial resource commitment from the PA and DA to resolve.
- FM&T inadequately managed a critical piece of welding equipment and spare part causing downtime, renegotiation of some assembly schedules, and additional unplanned cost. Once operation resumed, FM&T recovered the hardware backlog without impacting downstream needs.
- A component failed during in process testing and after investigating, a separate unit was found with a similar issue. Currently, no impacts to production have occurred; however, an investigation and extent of condition evaluation is underway.

FM&T proactively addressed the execution of production modernization processes to sustain and improve production capabilities, equipment, and infrastructure during FY 2023 while maintaining the safety, security, and effectiveness of the weapons in our nation's nuclear deterrence stockpile. FM&T actively pursued concepts, practices, and technology integrations that advanced production science.

Accomplishments include:

- The FM&T Plutonium Modernization Team delivered required items ahead of schedule, enabling the program to stay on track for FPU.
- The Code Management System team achieved FPU on a Field Tester with two units sold on-time and two ahead of the required delivery date.
- Delivered 14 Safeguard Transporter Refurbishments on-time by reducing overall turnaround time.

- Delivered hardware to Pantex ahead of schedule, enabling the ALT 940 system FPU to occur one month early.
- FM&T has employed innovative solutions to ensure decades of scientific research is digitized. In addition to converting its own records, FM&T digitized over 500k aperture cards for Los Alamos National Laboratory Archives.

Goal 2: Mission Delivery: Global Nuclear Security
FM&T Amount of At-Risk Fee Allocation: $4,807,800

Under this goal, FM&T earned a rating of Excellent, and 95 percent of the award fee allocated to this goal. FM&T exceeded almost all objectives and key outcomes and met overall cost, schedule, and technical performance requirements of the contract under this goal in the aggregate. During the year, accomplishments significantly outweighed issues, and no significant issues in performance were identified. FM&T met performance expectations within expected cost.

FM&T provided excellent support, furthering the Office of Defense Nuclear Nonproliferation research and development (R&D) mission to provide advanced capabilities in support of U.S. nuclear nonproliferation and security goals. FM&T delivered essential test and experiments to support a new test-article physics-based modeling and simulation capability. In addition, FM&T increased Advance Simulation Initiatives for Nonproliferation Applications project predictive accuracy by over 20 percent from FY 2022 rates; this improved accuracy will benefit several interagency partners for FY 2024 outlooks.

FM&T supported the Office of Material Disposition by continuing multiple procurements and on-time deliveries significant to the surplus plutonium disposition program; effective communication and integration with Savannah River Nuclear Solutions is evident. FM&T successfully continued expansion of the supply base used for critical dispose materials, identified potential design changes that may yield additional cost savings, and delivered classified display units which enable more effective communication across program participants and quicker evaluation of design changes. Product deliveries increased by over 37 percent from FY 2022 rates to meet the FY 2023 program schedules and milestones. Additionally, FM&T successfully supported production requirements for the (b)(7)(F)

FM&T closely coordinated and communicated with the Office of Nonproliferation Policy's Regional Analysis & Engagement to ensure excellent financial management and is a trusted partner to manage contracts fundamental to carrying out the mission. FM&T provided excellent leadership and planning in support of Office of Nuclear Export Controls International Nonproliferation Export Control Program for curriculum development and delivery of strategic trade control engagements with Malaysia, Vietnam, Tunisia, Brazil, Ukraine, India, and Taiwan.

FM&T completed technical and intelligence-based assessments in support of the NNSA's Weapons of Mass Destruction interdiction programs. FM&T technical and policy subject matter experts provided assessments and recommendations on 130 export license cases submitted to NNSA by the Department of Commerce.

FM&T provided effective operational support for radiological monitoring to the NEST response to Russia's War on Ukraine. FM&T remained consistently flexible and responsive in meeting equipment procurement needs for the NNSA Office of Counterterrorism and Counterproliferation international mission partners, and for Ukraine-related mission support. Specifically, FM&T excelled at personnel and logistics support to Nuclear Forensics initiatives with Ukrainian counterparts. FM&T staff's expertise proved indispensable in the production, deployment, and monitoring of NEST's sensor networks deployed into Ukraine and the surrounding region. These networks provide additional accurate and actionable information, which support Ukrainian authorities in public health and safety decision making.

FM&T provided critical planning support for nuclear incident response, participated in 1 nuclear forensic exercise, sustained demonstrated technology development to enhance mission readiness, met 100 percent watch bill requirements, and supported special requests for information and assistance. FM&T continued to effectively deliver successful equipment management, maintenance, procurement, and depot operations in support of various Render Safe Stabilization Operations, Render Safe Joint Technical Operations Team, Render Safe Accident Response Group, Radiological Assistance Program, DOE Forensics Operations, other federal agencies, and international partners.

Goal 3: Mission Innovation: Advancing Science and Technology

FM&T Amount of At-Risk Fee Allocation: $2,403,900

Under this goal, FM&T earned a rating of Excellent, and 100 percent of the award fee allocated to this goal. FM&T exceeded almost all objectives and key outcomes and met overall cost, schedule, and technical performance requirements of the contract under this goal in the aggregate. During the year, accomplishments significantly outweighed issues, and no significant issues in performance were identified. FM&T met performance expectations within expected cost.

FM&T maximized technology maturation investments through the Insertion Readiness Process, which advances idea-to-rate-production technology faster and more predictably. Proceeding from project planning to insertion in less than a year, FM&T deployed guided Smart Factory Persistent Display technology providing real-time product flow data on factory floor displays at any desk. This will transform problem detection and facilitate faster reaction time for manufacturing predictability.

Science Magazine published an article about FM&T R&D accomplishments relating to fundamental defect generation mechanisms in Metal Additive Manufacturing (MAM) and inspection methodology using artificial intelligence. Similar FM&T highlights of technical advancement included: the demonstration of flexible production of (b)(7)(F) (b)(7)(F) to mitigate a supply chain risk; guiding an international standard and patenting technology for integrated circuits; and creating methodologies for rapid design and manufacturing of tooling for a specialized process.

FM&T expanded its FY 2023 Technology Maturation Portfolio to deliver impactful results benefiting DOE/NNSA. Highlights included critical advancements in radar testing, connected

factory deployment for pads and cushions, and full deployment of a Priority Signal Alert System utilizing machine learning. Most notable was the establishment of a new process capability for material reclamation, which recovered more than $40 million worth of product for future use.

Diversity, Equity and Inclusion (DEI) is a major focus for FM&T. FM&T's Vice President of Engineering served as a panelist in the Device Packaging Conference's DEI Town Hall. She answered questions and spoke to the high-tech industry challenges related to DEI. FM&T is purposefully providing an inclusive research environment to enrich the technical workforce through proactive initiatives, development, collaboration, and communication.

FM&T demonstrated significant R&D and Technology Transfer impacts through notable publications and patents. Specifically, FM&T disclosed 125 inventions, filed 33 patent applications, was awarded 29 patents, and submitted 75 products to the Office of Science and Technology Information. Of the important patents awarded were two relating to mission essential Smart Antenna technology. To further advance partnering and collaborative initiatives, FM&T formed a Site Technology Transfer group to support patent technology and share best practices with other NSE sites.

FM&T demonstrated integrated technology solutions through partnering and technology exchange efforts by leveraging onsite technical expertise to develop and demonstrate MAM generated products. Advancement in additional product areas included polymer-smoothing technology, communications system advancements, and broadening the applications of femtosecond laser machining technology.

Goal 4: Mission Enablement
FM&T Amount of At-Risk Fee Allocation: $14,423,400

Under this goal, FM&T earned a rating of Very Good, and 85 percent of the award fee allocated to this goal. FM&T exceeded many of the objectives and key outcomes and met overall cost, schedule, and technical performance requirements of the contract under this goal in the aggregate. During the year, accomplishments greatly outweighed issues, and no significant issues in performance were identified. FM&T met performance expectations within expected cost.

A lack of quality workmanship for weapon hardware across two programs to next assembly Production Agency resulted in unprecedented action to meet some mission deliverables. Additional cost in terms of labor was required to create documentation and analyze weapon performance. Among other contributing factors, one of most concern is that failure mode was impacted directly by trained and qualified production operators who did not follow work instructions.

In response to the Office of Enforcement Remstar Nitrogen Exposure Consent Order issued in FY 2022, FM&T developed a plan to complete the actions outlined in the letter. FM&T completed all actions nine months ahead of deadline specified in the consent order.

FM&T exceeded NNSA Safety Performance Objectives, Measures, and Commitments in areas of subcontractor safety performance, organizational and safety culture, work planning and controls, production equipment maintenance, community and leadership engagement, workplace assessments, employee safety, and environmental management.

The Office of Enforcement issued a letter to convey concerns about FM&T's implementation of worker safety and health requirements at firing ranges for events, which occurred in FY 2022. The letter identified deficiencies in heat stress assessment and hazard identification and controls as concerns. FM&T implemented corrective actions to address the concerns conveyed in the letter.

FM&T inappropriately stored aluminum powder additive manufacturing (AM) filters and water in a sealed 55-gallon waste drum. The drum ruptured and released a wet slurry of AM material into a solid waste room located in the Waste Management area. Although no employees were injured during the incident, it was a near miss. Post-event, FM&T developed a thorough corrective action plan and implemented a plant-wide waste container review, venting drum lids, development of training, work instructions, and an AM Safety Committee.

FM&T's equipment maintenance team expanded the inventory for critical production equipment by both purchasing stock items and improving inventory tracking and response systems. On hand inventory facilitated the completion of preventative maintenance 99 percent on time and corrective maintenance within 24 hours for 87 percent of its key assets.

With the support of FM&T, the NNSA completed the purchase of Building 23. FM&T developed Operations and Maintenance plans, updated DOE records, and addressed Department of Justice concerns throughout the process. Building 23 provides increased manufacturing capabilities to meet the demands of the defense programs.

FM&T did not provide realistic cost projections for Safety, Infrastructure, and Operations and did not complete the 6+6 mid-year analysis to re-baseline cost projections on schedule. Inconsistent project costs, carryover, and performance data impacted NNSA's ability to assess funding needs.

FM&T security successfully led the design and deployment of a facility-wide Security System; this is the first implementation of this type in a classified space of this size (in excess of 1 million square feet) within NNSA.

FM&T security did an exemplary job of supporting both the Kansas City Short Term Expansion Plan (KC STEP) and the Kansas City Non-Nuclear Expansion Transformation (KC NExT) site modernization activities. Highlights for the year include development of a comprehensive program of security requirements for KC NExT and partnering with infrastructure and facilities for the commissioning of Building 23.

FM&T did not provide adequate security support/oversight for cleared subcontractor facilities during the rating period. Most corrective actions were completed or are in process; however, work remains to close the gaps in oversight performance.

FM&T submitted multiple documents to the Kansas City Field Office (KCFO), as part of the federally approved authorization for site security operations, that were inaccurate, contractually non-compliant, and/or in conflict with other submissions.

FM&T self-identified potential issues with the scope and use of Production Operations funds and proactively solicited Office of Management and Budget (NA-MB) assistance in partnering to find a solution through the Indirect Cost Management Community of Practice. FM&T's initiative resulted in successful collaboration with other M&O contractors, further strengthening partnerships with NNSA sites and NA-MB. FM&T identified existing practices as potential solutions and anticipates possible implementation of one of the options in FY 2027.

NA-MB identified a $678 million error in FM&T's environmental liability Long Term Stewardship estimate for FY 2022 and FY 2023 due to use of incorrect inflation factors. FM&T implemented corrective actions for the issue and correctly submitted for Quarter 4 of FY 2023. NA-MB corrected the error by recording a prior period adjustment in the financial statements.

FM&T achieved a passing score (89 percent) for the Command Cyber Readiness Inspection on the Enterprise Secret Network (ESN). The inspection results convey assurance that the ESN network is protected from cyber risks.

FM&T is not meeting the requirements for vulnerability patching within required timeframes.

FM&T information technology (IT) issues relating to network reliability and system availability, project delivery and process adherence increased risk to their ability to comprehensively support mission needs.

FM&T exceeded all six small business goals, in all categories.

Socioeconomic Category	Goal	Actual
Small Business	54.00%	57.30%
Small Disadvantaged Business	6.00%	6.30%
Woman Owned Small Business	7.00%	7.80%
Historically Underutilized Business Zone	3.00%	4.50%
Veteran Owned Small Business	5.50%	10.10%
Service-Disabled Veteran Owned Small Business	3.75%	9.20%

The FM&T Personal Property Management Team received excellent ratings on their statistical sample inventory on sensitive property, equipment, precious metals, firearms, and high-risk property.

FM&T made significant progress in the execution of 21 KC STEP projects, including the building out of manufacturing space in Building 23. Many projects met their schedule; however, delays on one specific project required multiple adjustments to productions schedules and impacted overall production cost but did not impact mission deliverables.

FM&T successfully supported the KCFO in the development of scope, cost, and schedule information for three different Courses of Action for KC NExT for lease-purchase acquisitions. The information developed by FM&T included phased costs for construction, occupancy, and equipment, and supported urgent FY 2025 budget discussions with senior decision makers. This information ensured KC NExT phases were adequately accounted for within the Future-Years Nuclear Security Program to support scheduled delivery.

Goal 5: Mission Leadership
FM&T Amount of At-Risk Fee Allocation: $7,211,700

Under this goal, FM&T earned a rating of Very Good, and 89 percent of the award fee allocated to this goal. FM&T exceeded many of the objectives and key outcomes and met overall cost, schedule, and technical performance requirements of the contract under this goal in the aggregate. During the year, accomplishments greatly outweighed issues, and no significant issues in performance were identified. FM&T met performance expectations within expected cost.

FM&T maintained a strong leadership presence on multiple EMDI working teams and fully embraced NNSA's EMDI goals. NNSA's decision to increase procurement thresholds to enable operational efficiency was largely influenced by FM&T's leadership. FM&T's President served as the M&O Enterprise leadership representative on the NNSA EMDI Steering Committee and assisted with aligning NSE strategic objectives with EMDI recommendations and inter-site projects. FM&T leadership shared Honeywell's operating system model with NNSA leadership to enable more effective enterprise EMDI communication and deliverable management.

Relative to Contractor Assurance System effectiveness, FM&T restructured the KC STEP Management Operating System (MOS) to drive pertinent stakeholder engagements, expedite decisions and effectively integrate facility build out, production build-ahead, and transition actions necessary to meet weapons program schedules.

FM&T did not effectively manage changes to critical production operations or lead resolution of a subsequent production issue, which drove increased design agency leadership, technical and safety SME work scope, required senior level external stakeholder engagements by multiple NNSA federal offices, and ultimately required senior level NNSA adjudication. Relative to this issue, FM&T's leadership did not promote accountability and transparency until receiving feedback from multiple federal customers and federal discoveries.

FM&T collaborated with multiple NNSA sites to establish the framework for an integrated enterprise digital ecosystem. FM&T's leadership efforts included hosting the first Digital Transformation (DT) Senior Steering Group meeting and continued partnering with the design laboratories on digital engineering strategies and producibility improvements. Some noteworthy collaborations include sharing FM&T Project Management Academy curriculum with the Sandia National Laboratories (SNL), enabling Pu Modernization solutions with Los Alamos National Laboratory (LANL), enhancing Polymer Enclave partnership with Livermore National Laboratory, sharing FM&T's production execution MOS with the Savannah River Site and LANL.

In FY 2023, FM&T implemented a new strategy to address Roof Asset Management Program (RAMP) long-lead material challenges. The strategy allows FM&T to award RAMP contracts to subcontractors for material purchases and enabled FY 2023 RAMP execution of around $78 million, a roughly $10 million increase over FY 2022. 2 LANL RAMP projects were also completed in FY 2023.

Through effective Supply Chain Management Center (SCMC) program management, FM&T enabled savings for multiple NNSA sites and DOE Environmental Management, which included agreements for high performance computing, original equipment manufacturer software and hardware, and Title I-III Architecture and Engineering services. FM&T reported an FY 2023 SCMC savings of around $439 million against its roughly $303 million goal. Cross-functional FM&T teams implemented continuous improvement projects across various functional areas to enhance operational efficiency.

FM&T continued to effectively address most supply chain challenges. Some notable accomplishments included: hosted an in-person Supplier Summit attracting over 300 suppliers and NSE leaders; partnered with 6 suppliers to reduce supplier flowtime on critical components; established 2 long-term contracts for classified parts; advanced supply chain risk management practices; and recommended actionable solutions to multiple Enterprise stakeholders.

FM&T continued to advance and deploy elements of its DT strategy in targeted production areas. Within in a specific production area, the FM&T Smart Factory team leveraged a Security System, integrated machine, manufacturing planning, and quality systems data streams; and enabled informed, predictive, and expeditious manufacturing decisions. Additionally, FM&T shared wireless monitoring best practices with SNL counterparts.

FM&T launched a significant effort to understand and improve its capital equipment procurement processes. Recognizing the criticality of those processes, and that the current state was insufficient to support the projected workload, FM&T identified deficiencies and developed actions to address them.

FM&T continued to proactively work internally with NNSA and with other sites on approaches to attract, hire, and retain quality employees to support the mission. Notable actions include launching a two-year retention program targeting critical roles for specific programs, increasing its employee recognition award program budget, offering retention packages to top talent, high performing salary employees, and increasing communication about its employee referral program. FM&T's FY 2023 attrition rate was 8.3 percent, a roughly 3 percent improvement over FY 2022.

FM&T employee concerns escalated to NNSA trended negatively over the last two years, relative to historical data. It is NNSA's expectation that FM&T manage its workforce in a way that motivates and retains employees and complies with all applicable laws.

APPENDIX A – Acronyms and Definitions

Acronym	Definition
AF&F	Arming, Fuzing, and Firing
AI	Artificial Intelligence
AM	Additive Manufacturing
ASINA	Advance Simulation Initiatives for Nonproliferation Applications
CAS	Contractor Assurance System
CCRI	Command Cyber Readiness Inspection
CDG	Conceptual Design Gates
CDR	Conceptual Design Reviews
CMS	Code Management System
COA	Courses of Action
DA	Design Agencies
DEI	Diversity, Equity and Inclusion
DNN	Defense Nuclear Nonproliferation
DOE	Department of Energy
DPC	Device Packaging Conference
DT	Digital Transformation
EMDI	Enhanced Mission Delivery Initiative
EMDI	Enhanced Mission Delivery Initiative
ESN	Enterprise Secret Network
FAR	Federal Acquisition Regulation
FM&T	Federal Manufacturing and Technologies
FSL	Femtosecond Laser
FYNSP	Future-Years Nuclear Security Program
INCEP	International Nonproliferation Export Control Program
IRP	Insertion Readiness Process
KC NExT	Kansas City Non-Nuclear Expansion Transformation
KC STEP	Kansas City Short Term Expansion Plan
KCFO	Kansas City Field Office
LANL	Los Alamos National Laboratory
LEP	Life Extension Program
LLC	Limited Life Components
LLNL	Lawrence Livermore National Laboratory

LPU	Last Production Unit
LTS	Long Term Stewardship
M&O	Management and Operating
M&Os	Management and Operating Contractors
MAM	Metal Additive Manufacturing
MGT	Mobile Guardian Transporter
MOS	Management Operating System
NA-24	Nonproliferation Policy's Regional Analysis and Engagement
NEST	Nuclear Emergency Support Team
NMO	New Mexico Operations
NNSA	National Nuclear Security Administration
NSE	Nuclear Security Enterprise
O&M	Operations and Maintenance
OSTI	Office of Science and Technology Information
PEMP	Performance Evaluation and Measurement Plan
PER	Performance Evaluation Report
PSAS	Priority Signal Alert System
PX	Pantex
R&D	Research and Development
RAMP	Roof Asset Management Program
SCMC	Supply Chain Management Center
SF	Smart Factory
SGT	Safeguard Transporter
SIO	Safety, Infrastructure, and Operations
SME	Subject Matter Expert
SPOMCs	Safety Performance Objectives, Measures, and Commitments
SSMP	Stockpile Stewardship Management Plan
ST&E	Science, Technology, and Engineering
TRMSA	Transport Remotely Monitored Sealing Array
WMD	Weapons of Mass Destruction