



*Part III, Section J, Appendix F*

## **PREFACE**

This Performance Evaluation Plan (PEP) documents the process and standards of performance by which the Contractor's performance will be evaluated and rated under Contract No. DE-AC52-07NA27344 in fiscal year (FY) 2011 and upon which the determination of the Performance Incentive Fee earned shall be based. This PEP is implemented in accordance with contract provision H-13, "Performance Based Management" and H-14, "Award Term." Further, this PEP is consistent with contract provision B-2, "Contract Type and Value." B-2 states that for FY 2008 through FY 2014, 30% of the Maximum Available Fee will be applied to Fixed Fee and 70% of the Maximum Available Fee will be applied to Performance Incentive Fee. The Maximum Available Fee is \$42,506,024 for fiscal year 2011. This PEP does not address the Fixed Fee earned in support of Work For Others as set forth in contract provision B-2.

The standards of performance set forth in this PEP consist of Strategic Performance Objectives and Performance Incentives, and are the primary components of the performance-based management system described in contract provision H-13, "Performance-Based Management." The Strategic Performance Objectives in this PEP are organized by Programs, Operations, and Institutional Management (IM) and are linked to the DOE Strategic Plan goals, NNSA's "Getting the Job Done" goals, NNSA transformation plans (outlined in the DOE/NA-0013, "Complex Transformation SPEIS dated October 23, 2006) and NNSA Program Implementation Plans. Performance Incentives in this PEP include Stretch Incentives, Multi-Site Incentives and Award Term Incentives.

## **STRATEGIC PERFORMANCE OBJECTIVES**

The Strategic Performance Objectives are used to subjectively evaluate the Contractor's overall performance and focus on strategic and mission-critical activities and appraise the Contractor's systems and outcomes in terms of:

- Are they producing appropriate national security, science and technology results?
- Are they producing these results efficiently, safely and securely?

For FY 2011, eleven Strategic Performance Objectives are identified as summarized below and detailed in Attachment 1.

1. Complete essential activities for core weapons program requirements.
2. Strengthen the foundation of deterrence through stockpile science, technology, and engineering.
3. Propose and implement strategies for sustaining a strong deterrent at low numbers compatible with START, NPR and CTBT goals.

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4. Execute Inertial Confinement Fusion Ignition and High Yield Campaign in support of stockpile stewardship.
5. Support nonproliferation and threat reduction.
6. Provide science, technology, and engineering excellence.
7. Support current and evolving mission performance by providing effective and efficient facilities and infrastructure.
8. Maintain safe and environmentally sound operations in an efficient and effective manner in support of mission objectives.
9. Maintain secure operations in an efficient and effective manner in support of mission objectives.
10. Manage business operations in an effective and efficient manner while safeguarding public assets and supporting mission objectives.
11. Governance assures performance and creates long-term sustainable value for the institution.

The Strategic Performance Objectives are organized by Programs, Operations, and Institutional Management (IM) and are further defined by performance measures and targets as delineated in Attachment 1. Essential targets represent priority work that must be accomplished in order to meet requirements in Programs, Operations, and Institutional Management. Stretch targets represent work that is above and beyond the minimum essential performance requirements. The subjective rating of each Performance Objective will be based on the Contractor's overall performance against all contract requirements as well as each of the performance targets.

The Programs Performance Objectives (1 – 6) are used to evaluate the performance and management of the Contractor's programmatic work. The Operations Performance Objectives (7 – 9) are used to evaluate the performance and management of the Contractor's critical operations and infrastructure activities supporting the mission performance. The IM Performance Objectives (10 – 11) are used to evaluate the performance of the Contractor's critical business and institutional management activities supporting the mission.

The Contractor's performance under the Strategic Performance Objectives will be assessed at the summary level in Programs, Operations, and IM and overall level, based on the summary level ratings, using the five tier Adjectival Rating Criteria set forth in Table 1. The Contractor may earn up to 65% of the Performance Incentive Fee based on this subjective rating, which reflects performance against each of the Performance Objectives, Measures, and targets. Essential targets are not separately rated for the purpose of establishing Adjectival Ratings and the associated subjective incentive fee. Performance will be assessed against the applicable evaluation criteria using a variety of different approaches including, but not limited to, peer review, external reviews, achievement of milestones relevant to targets, customer feedback, and program reviews. The evaluation of performance will consider unanticipated barriers (e.g., budget changes, rule changes, circumstances outside the control of the contractor) and other circumstances that may occur during the performance period. Effective contractor efforts to overcome or mitigate the impact of such barriers or circumstances will be a factor in evaluating contractor performance. The evaluation of performance will also consider the Contractor's

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performance against all of the Level 1 and 2 milestones associated with each of the Strategic Performance Objectives.

**PERFORMANCE INCENTIVES**

Performance Incentives include Stretch Incentives, Multi-Site Incentives and Award Term Incentives. The Contractor may earn up to 25% of the Performance Incentive Fee by obtaining the required minimum Adjectival Rating on the Strategic Performance Objectives and successfully completing the Stretch Performance Targets. Stretch Targets are delineated in Attachment 1 and represent work that is above and beyond the minimum essential performance requirements. Each stretch target provides the Contractor the opportunity to earn additional incentive fee for successfully achieving challenging goals and objectives. Performance against each individual Stretch Target is separately rated based on objective and measurable criteria on a pass/fail basis. Notwithstanding the pass/fail rating for each stretch target, progress made toward achieving stretch targets will be factored into the subjective rating of the Strategic Performance Objectives. The Stretch Incentive Fee is allocated to the following categories: Programs, Operations, and IM. Within any category, the Contractor must earn a Performance Objective Summary Level Rating of “very good” or better in order to be eligible for the associated Stretch Incentive Fee. Once the Contractor has passed this “gateway,” it will earn the associated Stretch Incentive Fee based on the percentage of Stretch Targets successfully completed. The Contractor will not receive credit for completing Stretch Targets that are associated with a Performance Objective or Measure that receives an Adjectival Rating of “unsatisfactory.”

The Contractor may earn up to 10% of the Performance Incentive Fee by successfully completing the Multi-Site Performance Incentives set forth in Attachment 2. The Multi-Site Incentives are intended to encourage cooperation, collaboration, and integration across the Nuclear Weapons Complex (NWC) in order to accomplish the NNSA “Getting the Job Done” goals and measure the performance of the entire NWC in terms of achievement of a collective outcome. Performance against each individual Multi-Site Incentives is separately rated by NNSA Program Officials on a pass/fail basis for the entire complex based on the criteria set forth in Attachment 2.

Pursuant to contract provision H-14, “Award Term,” commencing in FY 2009, the Contract’s term will be extended if the Contractor both (1) obtains the required rating on the Performance Incentive Fee section’s objectives contained in the PEP, and (2) meets the Award Term Incentives set forth in the Award Term section of the PEP. In order to be eligible to earn the Award Term Incentive, the Contractor must earn an overall adjectival rating of “very good” or better and successfully complete at least four out of the five Award Term Incentives, which are set forth below:

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**Award Term Incentives:**

1. Stockpile Stewardship Mission

Objective:

Demonstrate excellence in executing the Stockpile Stewardship Mission. This includes on-time completion of Directive Schedule responsibilities, timely support of requests for technical support from the nuclear weapon complex, enhancement of assessment and certification capabilities, leadership and support of transformation initiatives, and effective management of RTBF facilities. The expectations are that LLNL will strengthen national security by meeting commitments required to sustain a safe, secure, and reliable nuclear weapons stockpile; maintain a capable and responsive infrastructure, and conduct research and development essential to our national security responsibilities.

Completion criteria:

Continue transitioning the NIF to routine facility operations by the end of FY2012. Begin implementation of the draft Governance Plan and evaluate its processes, procedures, and user interfaces with respect to operational efficiency and overall effectiveness. NIF will provide NNSA and the user community a summary facility availability schedule (shot plan) by quarter for FY2011. The planning assumptions will be evaluated against actual operations and experience gained during each quarter allowing subsequent quarters to be re-planned and adjusted accordingly. The schedule for NIF will be maintained as a four-quarter rolling facility availability schedule to insure incorporation of lessons learned and continuous improvement in operations.

The goal of the NIC in 2011 is to establish the facility capabilities required to support DT-ignition experiments and to execute a credible ignition campaign. This ATI will go beyond the NIC goal to conduct actual DT experiments.

The ATI will require demonstrating:

1. a physics point design;
2. that the NIF laser operates at that point design;
3. that targets have been fabricated to accomplish all aspects of the campaign including layered cryogenic targets;
4. that diagnostics for hohlraum energetics, hydro and ignition experiments have been fielded; and,
5. that appropriate personnel and environmental safety systems, the control system and data systems, and appropriate trained personnel and infrastructure are in place to support ignition.

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It also requires the achievement of specific physical capabilities and conditions in hohlraums, capsules and the implosion of layered THD targets (that are diluted with hydrogen and with trace deuterium) to enable studying these conditions while limiting the yield, while establishing that predicted ignition parameters can be achieved. As a final step, DT ignition experiments will be conducted.

The general completion criteria are:

1. complete hohlraum energetics and capsule tuning experiments required to support layered target implosions,
2. install capabilities to support layered cryogenic targets capable of producing yield, and
3. demonstrate layered target cryogenic implosions using a mixture of deuterium, tritium, and hydrogen.
4. conduct tuned experiments with an equimolar mixture of deuterium and tritium, or similar experiments as defined by the completion criteria for MRT #360.

The detailed completion criteria will be maintained in the MRT.

Provide leadership in the development and application of supercomputing. Deliver reliable high performance computing capability to national users. Continue to adapt ASC code system for use on the Dawn platform. Continue to effectively manage the Sequoia acquisition, meeting baseline milestones and cost profiles. Support national strategies in moving to exascale computation.

Achieve and sustain excellence in the management of core defense programs work. Complete Annual Assessment process, joint assessment reviews, and Directive Schedule deliverables. Provide support to other sites to achieve Directive Schedule deliverables, Defense Program Code Blue needs, and Defense Program "Getting the Job Done" Priorities. Achieve NNSA Defense Program Level-1 and Level-2 Milestones. Achieve performance in Directors Review Committee assessments. Provide support for US-UK Mutual Defense Agreement. Complete implementation of the 2010 Weapon Program QA improvement project.

Assume the lead role in the design and development of Life Extension Program (LEP) for W78. Begin execution of High Energy Density plan. Use Boost Validation Suite (with initial metrics) for PCF 2012 Pegpost. Demonstrate improvement in the physics and geometric fidelity of the ASC Code System through a simulation of a UGT. Apply QMU methodology to the efficacy of promising NSPD-28 consistent technology. Close out surety Enhanced Collaboration and pursue follow-on. Execute Tri-lab implementation plan for challenge team assessments (INWAP). Demonstrate via simulation a surety feature in 3D. Implement new metrics and diagnostics to better quantify state of surveillance.

2. Site Transformation Activities

Objective:

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Successfully manage the transition of laboratory operations necessary to accommodate completion of the mission after deinventory of Security Category I and II material, meeting the challenges and capitalizing on opportunities.

Completion criteria:

Continue to execute the current SNM deinventory plan while ensuring that Superblock is able to support the timely execution of the W78 LEP. Work with receiving sites and transportation and packaging authorities to resolve issues related to the packaging, transportation, and storage of material identified for removal.

Manage the TRU waste generation, packaging and disposition process consistent with EM requirements necessary to accomplish deinventory.

Continue revising plans as needed for security operations after deinventory with an emphasis on reducing overall costs. Plan should also address security activities required to be completed in FY12 and FY13 in order to support operations after deinventory. Begin implementation of those activities scheduled to start in FY11.

Working closely with other sites and NNSA program managers, execute the Cat I/II Mission Transfer Program Plan, updating the plan as needed as requirements change. Plan for the transition of B332 for future work, including removing outdated and/or contaminated equipment and materials and consolidating operations where possible, minimizing operating costs and long term liabilities.

3. Sustainable Management

Objective:

Transform NNSA by leading the complex in the area of sustainable management. Establish LLNL as a recognized leader in the area of sustainable management of federal facilities. Implement the policy goals outlined in the Presidential Executive Order 13514, *Federal Leadership in Environmental, Energy, and Economic Performance*, and Executive Order 13423, *Strengthening Federal Environmental Energy and Transportation Management*, and subsequent orders for environmental, transportation, and energy-related activities. In April 2010, the Administrator issued a memorandum with the subject "NNSA Leadership in Sustainability" and stated "NNSA will continue to lead through example by proactively supporting the sustainability and energy goals set forth in EO 13514 and related Orders and legislation". Consistent with the DOE SSPP, efforts should focus on energy and water conservation, use of renewable energy sources, transportation efficiency, green building practices, waste minimization, greenhouse gas emissions reduction, and other sustainable practices.

Completion criteria:

Demonstrate progress on sustainability goals in FY11. Employ the science, technology, and engineering assets at LLNL to provide innovative solutions that can be applied locally, regionally, and at other federal facilities.

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- Finalize and implement a Strategic Site Sustainability Plan focused on meeting the Presidential and Secretarial goals discussed above. Addressing new business growth and improvements in electrical energy intensity per teraflops are examples of new metrics in the Plan which will help ensure the FY2003 baseline improvements continue to support the LLNL Mission.
- Demonstrate progress by implementing low and no cost changes and employing best demonstrated available technologies to meet and/or exceed interim goals set in the Executive Orders, that would otherwise not be used (examples include native landscaping, energy efficient lighting and control systems, fully using HVAC setbacks in capable buildings), establishing a program to drive sustainability behavioral change. Institute pilot or full-scale technology (such as fuel cells, solar, etc.) on-site to meet renewable energy goals on a cost effective basis.
- Demonstrate progress in the areas of:
  - Water conservation,
  - Greenhouse Gas Emissions (Scopes 1, 2, or 3) reduction,
  - Energy Intensity Reduction,
  - High Performance Sustainable Buildings,
  - Renewable Energy
- Demonstrate progress in growing research capability and revenues in the energy and environmental security mission area including simulating and understanding climate change, its consequences on a regional scale, and uncertainty quantifications. In addition by forming strong industrial partnerships, grow expertise in deployment of wind power, underground coal gasification and carbon capture and sequestration.

4. Safety Management System

Objective:

Pursue recognized third party consensus standards that better position the Lab for WFO opportunities, provide streamlined and efficient oversight processes, and/or, allow for more efficient mission support processes.

Completion criteria:

Achieve OSHAS 18001 accreditation of safety management system; maintain ISO 14001 accreditation; and develop and implement a project plan with a goal of achieving ISO 9001 accreditation in FY 2012.



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5. Contractor Assurance System

Objective:

LLNL's use of the LLNL Contractor Assurance System (CAS) demonstrates employment of a fully functional CAS based on attributes identified by the NNSA Enterprise Transformation Initiative Governance and CAS definition document, with modifications agreed to in the LLNL/LSO Contract Reform Implementation Plan.

Completion criteria:

The identified attributes to be demonstrated include:

- The CAS is systematically and routinely evaluated and improved to ensure that it is consistently and reliably achieving its purpose.
- Results that are captured by CAS performance metrics are routinely tracked and evaluated for trends; the CAS is used to systematically evaluate changes that are needed to improve performance.
- LLNL delivers CAS data to the NNSA Site office that is transparent and accurate.
- The LLNL CAS provides the information needed for the LSO to tailor its oversight based on performance in key functional areas.

### **PERFORMANCE RATING PROCESS**

Approximately six months into the performance period, NNSA and the Contractor will hold a Mid-Year Performance Assessment meeting to present the Contractor's self-assessment and NNSA's performance assessment. Approximately one week prior to the scheduled mid-year performance assessment meeting, the Contractor will submit its draft self-assessment for NNSA review. The mid-year assessment will consist of (1) Adjectival Ratings for each of the Strategic Performance Objectives and measures, (2) stoplight ratings for each of the Essential targets, (3) stoplight ratings for each of the Stretch Incentives, stoplight ratings for each of the Multi-Site Incentives, (4) stoplight ratings for each of the Award Term Incentives, and (5) a summary of performance issues and concerns, corrective actions taken, internal controls implemented, and major accomplishments. The presentation will be a bullet-type format with limited narrative.

The Stop Light indicators are set forth as follows:

- Green: No significant issues, performance meeting expectations.
- Yellow: Issues/concerns that require discussion.
- Red: Major or serious issues, executive management awareness or action required to resolve.
- White: Too early to evaluate or no data available.

The parties recognize that open and frequent communications during the rating period are critical in achieving the highest level of performance by the Contractor and that formal or informal performance assessment meetings may be established on a more frequent basis as agreed to by the parties.

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The Contractor shall prepare an annual self-assessment of its performance against each of the performance objectives and incentives contained in the PEP. The self-assessment will include (1) Adjectival Ratings for each of the Strategic Performance Objectives and Measures, (2) summary level Adjectival Ratings for Programs, Operations, and IM, and (3) completion status of all Stretch Incentives, Multi-site Incentives, and Award Term Incentives. The annual self-assessment shall be submitted within five working days after the end of the appraisal period. NNSA will consider the Contractor’s self-assessment in preparing the Performance Evaluation Report and when making its final fee recommendation to the NNSA Fee Determining Official (FDO).

**ALLOCATION OF INCENTIVE FEE**

The Maximum Available Fee related to the DOE/NNSA work effort for FY 2011 is \$42,506,024, 70% of which will be applied to Performance Incentive Fee. Therefore, the Maximum Performance Incentive Fee for FY 2011 is \$29,754,217. Approximately 65% of the Maximum Performance Incentive Fee is allocated to the Strategic Performance Objectives, 25% to the Stretch Incentives, and 10% to the Multi-site Incentives. The Contractor’s performance rating, as determined by DOE/NNSA, will entitle the Contractor to collect up to the following maximum Performance Incentive Fee by category:

**STRATEGIC PERFORMANCE OBJECTIVE FEE (SUBJECTIVE)**

Adjectival Rating	Programs Max. Fee \$	Operations Max. Fee \$	IM Max. Fee \$	Max. Subtotal \$	Max. % of Subtotal	Max. % of Total
Excellent	\$6,843,470	\$8,331,181	\$4,165,590	\$19,340,241	100%	65%
Very Good	\$6,159,123	\$7,498,063	\$3,749,031	\$17,406,217	90%	59%
Good	\$5,132,602	\$6,248,386	\$3,124,193	\$14,505,181	75%	49%
Satisfactory	\$3,421,735	\$4,165,590	\$2,082,795	\$9,670,120	50%	33%
Unsatisfactory	\$0	\$0	\$0	\$0	0%	0%

**STRETCH INCENTIVE FEE (OBJECTIVE)**

	Programs	Operations	IM	Subtotal	Max. % of Total
Maximum Fee*	\$3,570,506	\$2,082,795	\$1,785,253	\$7,438,554	25%

\* Incentive fee calculated by multiplying the percentage of Stretch Targets successfully completed within Programs, Operations, and IM by the corresponding dollars amounts set forth above.

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**MULTI-SITE INCENTIVE FEE**

Multi-site Target #	Title	Incentive Fee %	Incentive Fee \$
1.1	Ensure W76-1 LEP production remains on schedule	0%	\$0
1.2	Complete B61 Phase 6.2/2a Option Down Select and Cost Study FY11 activities that enable a 2017 FPU	5%	\$148,771
1.3	Complete FY 2011 W78 Phase 6.1 activities.	12.5%	\$371,928
1.4	Execute the prioritized Surveillance Program.	12.5%	\$371,928
2.1	Support business process transformation and relocation of the Kansas City Plant.).	2%	\$59,508
2.2	Successfully complete NNSA-approved priority activities to achieve enhanced efficiencies.	5%	\$208,280
2.3	Implement Enterprise Wireless project.	3%	\$89,263
2.4	Achieve cost savings of \$178M during FY11 for activities established by the NNSA Business Management Advisory Council (BMAC).	3%	\$89,263
3.1	Achieve National Ignition Campaign FY11 Objectives.	30%	\$892,627
3.2	Provide ASC Predictive Capability Assessment.	10%	\$371,928
3.3	Demonstrate key physics necessary for certification of an advanced surety method by 30SEP11.	10%	\$371,928
3.4	Complete Barolo experiments at U1a by end of Q2FY11 (31MAR11).	0%	\$0
<b>Total Fee</b>		100%	\$2,975,422

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### **CHANGE CONTROL**

Any changes to the PEP must be approved by the Contracting Officer. The content of the PEP can be revised through a formally defined Change Control Process that includes mutual agreement between NNSA and LLNS, supported by appropriate approvals. All changes should be initiated and documented using the PEP Change Request Form. However, the NNSA Livermore Site Office Manager reserves the unilateral right to make the final decision on all performance objectives and performance incentives (including the associated measures and targets) used to evaluate Contractor performance.

**TABLE 1  
 ADJECTIVAL RATING CRITERIA AND FEE RANGES**

<b>Adjectival Rating</b>	<b>Subjective Fee Range</b>	<b>Definition</b>
Excellent	91-100%	Contractor has exceeded almost all of the significant award fee criteria and has met overall cost, schedule, and technical performance requirements of the contract as defined and measured against the criteria in the award-fee plan for the award fee evaluation period.
Very Good	76%-90%	Contractor has exceeded many of the significant award fee criteria and has met overall cost, schedule, and technical performance requirements of the contract as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.
Good	51% - 75%	Contractor has exceeded some of the significant award fee criteria and has met overall cost, schedule, and technical performance requirements of the contract as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.
Satisfactory	No Greater than 50%	Contractor has met overall cost, schedule and technical performance requirements of the contract as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.
Unsatisfactory	0%	Contractor has failed to meet overall cost, schedule, and technical performance requirements of the contract as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.

**FY 2011 Performance Evaluation Plan  
Attachment 1  
LLNL Performance Objectives**

Performance Category	Number	Performance Objective/Measure/Target	Type	DOE Strategic Plan Reference	NNSA Program Office Crosswalk
Programs	1	Complete essential activities for core weapons program requirements	Objective	2.1 Nuclear Deterrent	NA-12
Programs	1.1	Management of defense program work.	Measure - Essential only	2.1 Nuclear Deterrent	NA-122.2
Programs	1.2	Management of critical capabilities, skills, and facilities supporting nuclear weapons work.	Measure - Essential only	2.1 Nuclear Deterrent	NA-121.2
Programs	2	Strengthen the foundation of deterrence through stockpile science, technology, and engineering	Objective	2.1 Nuclear Deterrent	NA-121
Programs	2.1	Resolve Weapons Physics and Engineering Challenges.	Measure	2.1 Nuclear Deterrent	NA-121.1
Programs	2.1.1	Develop and demonstrate HED platform in support of longer-term predictive capability framework objectives.	Target(s) - Stretch only	2.1 Nuclear Deterrent	NA-121.1
Programs	2.1.2	Use Boost Validation Suite (with initial metrics) for PCF 2012 Pegpost.	Target(s) - Stretch only	2.1 Nuclear Deterrent	NA-121.1
Programs	2.1.3	Demonstrate improvement in the physics and geometric fidelity of the ASC Code System through a simulation of a UGT.	Target(s) - Stretch only	2.1 Nuclear Deterrent	NA-121.2
Programs	2.1.4	Effectively collaborate with NSTec to bring JASPER back on line meeting the cost and schedule milestones and achieve 3 Plutonium shots.	Target(s) - Stretch only	2.1 Nuclear Deterrent	NA-121.1
Programs	2.2	Develop a Scientifically Rigorous Approach to UQ.	Measure	2.1 Nuclear Deterrent	NA-121.2
Programs	3	Propose and implement strategies for sustaining a strong deterrent at low numbers compatible with START, NPR and CTBT goals.	Objective	2.1 Nuclear Deterrent	NA-121
Programs	3.1	Develop Innovative Life-Extension Design and Technology Options, Including Surety.	Measure	2.1 Nuclear Deterrent	NA-121.1
Programs	3.1.1	Apply QMU methodology to the efficacy of promising NSPD-28 consistent technology.	Target(s) - Stretch only	2.1 Nuclear Deterrent	NA-121.3
Programs	3.1.2	Close out surety Enhanced Collaboration and pursue follow-on.	Target(s) - Stretch only	2.1 Nuclear Deterrent	NA-121.3
Programs	3.1.3	Demonstrate via simulation a surety feature in 3D.	Target(s) - Stretch only	2.1 Nuclear Deterrent	NA-121.1
Programs	3.2	Enhance the Rigor of Assessments and Certifications.	Measure	2.1 Nuclear Deterrent	NA-121.1
Programs	3.2.1	Execute Tri-lab implementation plan for challenge team assessments (INWAP).	Target(s) - Stretch only	2.1 Nuclear Deterrent	NA-121.1
Programs	3.3	Make 3-D Assessments with UQ Standard Practice.	Measure	2.1 Nuclear Deterrent	
Programs	3.4	Optimize the Return of Information from Surveillance Activities.	Measure	2.1 Nuclear Deterrent	EC - EnhSurv - (12)
Programs	3.4.1	Work with HQ and other sites to jointly develop and implement 1) an integrated state-of-the-stockpile surveillance metric, and 2) surveillance diagnostic tools and strategies to inform the current and future state of health for selected materials, components and subsystems of the stockpile.	Target(s) - Stretch only	2.1 Nuclear Deterrent	
Programs	4	Execute Inertial Confinement Fusion Ignition and High Yield Campaign in support of stockpile stewardship.	Objective	2.1 Nuclear Deterrent	NA-123
Programs	4.1	Successfully lead execution of National Ignition Campaign (NIC)	Measure	2.1 Nuclear Deterrent	NA-123
Programs	4.1.1	Level 0-2 milestones as defined in the NIC Execution Plan are completed within 30 days of approved plan.	Target(s) - Essential only	2.1 Nuclear Deterrent	NA-123
Programs	4.1.2	10% of Level 0-2 milestones as defined in the NIC Execution Plan are completed more than 30 days ahead of schedule	Target(s) - Stretch only	2.1 Nuclear Deterrent	NA-123
Programs	4.1.3	Cumulative NIC earned value performance indices, CPI and SPI, are at least 0.92 at the end of the year.	Target(s) - Essential only	2.1 Nuclear Deterrent	NA-123
Programs	4.1.4	Total Recordable Case rate for NIC-related activities does not exceed 3.1 during FY 2011	Target(s) - Essential only	2.1 Nuclear Deterrent	NA-123
Programs	4.1.5	Total Recordable case rate for NIC-related activities does not exceed 1.8 during FY 2011.	Target(s) - Stretch only	2.1 Nuclear Deterrent	NA-123
Programs	4.1.6	Support NIC reviews by the Undersecretary for Science.	Target(s) - Essential only	2.1 Nuclear Deterrent	NA-123
Programs	4.1.7	Provide timely informational exchanges to NNSA HQ.	Target(s) - Essential only	2.1 Nuclear Deterrent	NA-123
Programs	4.2	Transition NIF to routine facility operations by the end of FY 2012.	Measure	2.1 Nuclear Deterrent	NA-123

**FY 2011 Performance Evaluation Plan  
Attachment 1  
LLNL Performance Objectives**

Performance Category	Number	Performance Objective/Measure/Target	Type	DOE Strategic Plan Reference	NNSA Program Office Crosswalk
Programs	4.2.1	Establish, document, and implement a process to allocate NIF facility time across all missions and issue guidance via a memo from the NIF Director.	Target(s) - Essential only	2.1 Nuclear Deterrent	NA-123
Programs	4.2.2	Issue draft Governance Plan and operate NIF User Office to support users across all missions.	Target(s) - Essential only	2.1 Nuclear Deterrent	NA-123
Programs	4.2.3	Develop and begin implementation of a draft policy for NIC data management and access.	Target(s) - Essential only	2.1 Nuclear Deterrent	NA-123
Programs	4.3	Execute high energy density experiments on ICF facilities to support current and future needs of Stockpile Stewardship, other national security, Fundamental science, and energy missions.	Measure	2.1 Nuclear Deterrent	NA-123
Programs	4.3.1	Provide NIF facility access and infrastructure to support SSP experiments related to PART measure for "empirical parameters".	Target(s) - Essential only	2.1 Nuclear Deterrent	NA-123
Programs	4.3.2	Provide NIF facility access and infrastructure to support SSP experiments related to PART measure for "extreme conditions".	Target(s) - Essential only	2.1 Nuclear Deterrent	NA-123
Programs	4.3.3	Provide NIF facility access and infrastructure to support Fundamental science experiments that were reviewed by interim committee prior to establishing the Science on NIF Committee	Target(s) - Stretch only	2.1 Nuclear Deterrent	NA-123
Programs	5	Support nonproliferation and threat reduction	Objective	2.2 Weapons of Mass Destruction	
Programs	5.1	Provide technical capabilities to limit or prevent spread of materials, technology, and expertise related to weapons of mass destruction and secure inventories of surplus materials and infrastructure usable for nuclear weapons.	Measure	2.2 Weapons of Mass Destruction	NA-21, NA-24
Programs	5.1.1	Provide programmatic support in the area of nonproliferation, arms control, and international security goals and objectives.	Target(s) - Essential only	2.2 Weapons of Mass Destruction	NA-21, NA-24
Programs	5.2	Shape future USG and international capabilities to detect, prevent and deter proliferant activities.	Measure	2.2 Weapons of Mass Destruction	NA-25, NA-221
Programs	5.3	Arms control and Cooperative Threat reduction	Measure	2.2 Weapons of Mass Destruction	
Programs	5.4	Support needs of intelligence community	Measure	2.2 Weapons of Mass Destruction	
Programs	5.5	Detect, defer and mitigate foreign intelligence collection and espionage and international terrorist threats.	Measure	2.2 Weapons of Mass Destruction	
Programs	6	Provide science, technology, and engineering excellence	Objective	3. Scientific Discovery & Innovation	NA-121.4
Programs	6.1	Assure the quality of the core science, technology and engineering (ST&E) competencies	Measure	3.2 Foundations of Science	NA-121.4
Programs	6.1.1	Demonstrate R&D excellence in program execution through external peer reviews, evidence of awards and recognition, and benchmarked S&T metrics.	Target(s) - Essential only	3.2 Foundations of Science	NA-121.4
Programs	6.1.2	Recruit and retain a workforce, including students and postdocs, that provides the technical engineering, and scientific staff for mission-relevant national needs.	Target(s) - Essential only	3.2 Foundations of Science	NA-121.4
Programs	6.2	Develop, implement, and periodically update an integrated and balanced ST&E strategy.	Measure	3.2 Foundations of Science	NA-121.4
Programs	6.2.1	As a measure of successful implementation of the FY 2009 5-year ST&E Roadmap, demonstrate that internal investments (e.g., LDRD) are aligned with thrust areas identified in the strategic plan.	Target(s) - Essential only	3.2 Foundations of Science	NA-121.4
Programs	6.2.2	Monitor the long-term impact that LDRD investments have made on the scientific, programmatic, and intellectual property position of LLNL for 2011.	Target(s) - Stretch only	3.2 Foundations of Science	NA-121.4
Programs	6.3	Develop Strategic Collaborations and an Open Campus	Measure	3.2 Foundations of Science	NA-121.4

**FY 2011 Performance Evaluation Plan  
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Performance Category	Number	Performance Objective/Measure/Target	Type	DOE Strategic Plan Reference	NNSA Program Office Crosswalk
Programs	6.3.1	Implement a strategy for seeking new collaborative research with commercial, governmental, and academic entities. Execute design and construction activities that deliver a facility with open access with beneficial occupancy in FY11.	Target(s) - Essential only	3.2 Foundations of Science	NA-121.4
Operations	7	Support current and evolving mission performance by providing effective and efficient facilities and infrastructure.	Objective	5.3 Infrastructure	NA-52,54,58
Operations	7.1	Operate mission critical and user facilities as national capabilities.	Measure	5.3 Infrastructure	NA-52,54
Operations	7.2	Maintain and manage F&I assets with flexibility to support capabilities required for current and future missions.	Measure	5.3 Infrastructure	
Operations	7.3	Demonstrate progress towards achieving the Federal and DOE energy efficiency and water conservation goals.	Measure	5.3 Infrastructure	NA-52
Operations	7.4	Deinventory and program transfer. Process Security Category I/II SNM to meet transportation requirements and ship according to the 2012 Deinventory Plan.	Measure	5.3 Infrastructure	NA-58
Operations	7.5	Execute effective Environmental Restoration and D&D programs. Provide effective and efficient support programs such as D&D of contaminated facilities and environmental restoration to enable continued compliant facility operations and reduce DOE environmental liabilities.	Measure	5.3 Infrastructure	
Operations	7.5.1	Complete work reflected in the revised B419 RCRA Closure Project FY2010-2011 Site Execution Plan for \$6M in FY11.	Target(s) - Stretch only	5.3 Infrastructure	
Operations	7.6	Treat store and disposition waste from RHW facilities in a safe, compliant and efficient manner to support mission objectives.	Measure	4.1 Environmental Cleanup	
Operations	7.6.1	Develop and execute a baseline for activities necessary to implement the CH-TRU Waste Packaging Instructions by end of FY11.	Target(s) - Stretch only	4.1 Environmental Cleanup	
Operations	8	Maintain safe and environmentally sound operations in an efficient and effective manner in support of mission objectives.	Objective	2. Nuclear Safety	NA-3.6
Operations	8.1	Maintain effective environment, safety, and health institutional programs.	Measure	2. Nuclear Safety	NA-3.6
Operations	8.1.1	Identify, document, and continuously improve safety programs for biological, conduct of operations, construction, emergency management, environmental protection (e.g., National Environmental Protection Act, National Historic Preservation Act, and Endangered Species Act), explosives, fire protection, industrial, industrial hygiene/occupational health, laser, and radiological protection.	Target(s) - Essential only	2. Nuclear Safety	NA-3.6
Operations	8.1.2	Improve explosives safety program.	Target(s) - Essential only	2. Nuclear Safety	
Operations	8.1.3	Improve the Industrial Hygiene / Occupational Medicine Programs.	Target(s) - Essential only	2. Nuclear Safety	
Operations	8.1.4	Continue progress on planned upgrades of outdated emergency voice alarm systems by September 2013. All buildings certified as upgraded per signed project plan.	Target(s) - Stretch only	2. Nuclear Safety	
Operations	8.1.5	Decrease worker risk by eliminating high hazard chemicals that do not have a foreseeable mission use. Develop a DOE approved plan/schedule by December 2010 and implement.	Target(s) - Stretch only	2. Nuclear Safety	
Operations	8.1.6	Purchase an appropriate electronic medical records system and develop a schedule to implement by the end of FY 2012.	Target(s) - Stretch only	2. Nuclear Safety	
Operations	8.1.7	Perform two "make/buy" analyses for support service which result in full implementation of one of the service models in FY 2011.	Target(s) - Stretch only	2. Nuclear Safety	
Operations	8.2	Maintain a high level of nuclear safety/operations and compliance through effective nuclear safety/operations programs.	Measure	2. Nuclear Safety	NA-3.6
Operations	8.2.1	Maintain a high level of nuclear safety/operations and compliance through effective and efficient institutional nuclear safety/operations programs.	Target(s) - Essential only	2. Nuclear Safety	
Operations	8.2.2	Operational excellence in nuclear facilities – maintain a high level of nuclear safety/operations and compliance through effective and rigorous facility-level implementation of nuclear safety/operations requirements.	Target(s) - Essential only	2. Nuclear Safety	
Operations	9	Maintain secure operations in an efficient and effective manner in support of mission objectives	Objective	2. Nuclear Safety	NA-70
Operations	9.1	Support the NNSA Enterprise through DNS Management Excellence.	Measure	2. Nuclear Safety	NA-70



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Performance Category	Number	Performance Objective/Measure/Target	Type	DOE Strategic Plan Reference	NNSA Program Office Crosswalk
Operations	9.1.1	Provide transparency into the security budget formulation and execution activities. Align security budgets with NNSA costing principles in accordance with an approved schedule, including full cost recovery for Work-for-Others. Submit MSAP and Quarterly Cyber Security Program Reports in accordance with NNSA schedules.	Target(s) - Essential only	2. Nuclear Safety	NA-70
Operations	9.1.2	Incorporate requirements traceability across all security planning documentation, e.g., Site Safeguards and Security Plan and supporting site policies and procedures, Annual Operating Plans (AOPs), Budget submittals, and Cyber Security Program Plan (CSPP), etc.	Target(s) - Essential only	2. Nuclear Safety	NA-70
Operations	9.1.3	Develop FY12 Physical Security and Cyber Security AOPs FY12 in accordance with LSO schedule.	Target(s) - Essential only	2. Nuclear Safety	NA-70
Operations	9.2	Implement security reform to improve mission effectiveness and drive cost efficiency.	Measure	2. Nuclear Safety	NA-70
Operations	9.2.1	Update security plans, policies, and procedures to reflect NNSA security policies (NAPs) in accordance with an approved schedule.	Target(s) - Essential only	2. Nuclear Safety	NA-70
Operations	9.3	Reduce the security footprint.	Measure	2. Nuclear Safety	NA-70
Operations	9.3.1	Provide MC&A support to meet LLNL's de-inventory schedule.	Target(s) - Essential only	2. Nuclear Safety	NA-70
Operations	9.3.2	Support the SNL-CA/LLNL security consolidation in accordance with NNSA guidance.	Target(s) - Essential only	2. Nuclear Safety	NA-70
Operations	9.4	Realize operational efficiencies through modernization or operational/process improvements.	Measure	2. Nuclear Safety	NA-70
Operations	9.4.1	Develop and implement a systems modernization/life cycle plan for physical security systems. Plans must be submitted to LSO by July 1, 2011.	Target(s) - Essential only	2. Nuclear Safety	NA-70
Operations	9.5	Maintain and sustain an effective S&S program in all topical areas. Demonstrate assurance in meeting NNSA security requirements and expectations.	Measure	2. Nuclear Safety	NA-70
Operations	9.5.1	Conduct self assessments in all topical areas and provide periodic performance ratings to LSO. Reporting to LSO addresses identification of requirements, implementation of site policies and procedures, and verification of practices. Corrective actions are taken when necessary.	Target(s) - Essential only	2. Nuclear Safety	NA-70
Operations	9.5.2	Develop corrective actions plans and complete corrective actions in accordance with the planned schedules and budget. Reporting to LSO addresses identification of requirements, implementation of site policies and procedures, and verification of practices.	Target(s) - Essential only	2. Nuclear Safety	NA-70
Operations	9.5.3	Complete site physical security and cyber security AOPs for FY11. Reporting to LSO addresses identification of requirements, implementation of site policies and procedures, and verification of practices. Corrective actions are taken when necessary.	Target(s) - Essential only	2. Nuclear Safety	NA-70
Operations	9.5.4	Achieve satisfactory or effective performance ratings in Site Office surveys and external surveys or assessments.	Target(s) - Essential only	2. Nuclear Safety	NA-70
Operations	9.6	Recruit, train, and exercise the talents of people and critical skills.	Measure	2. Nuclear Safety	NA-70
Operations	9.6.1	Identify and address skill/personnel gaps. Provide information to LSO as requested.	Target(s) - Essential only	2. Nuclear Safety	NA-70
Operations	9.6.2	Maintain trained and qualified staff.	Target(s) - Essential only	2. Nuclear Safety	NA-70
Operations	9.7	Update the comprehensive post de-inventory security program plan.	Measure	2. Nuclear Safety	NA-70
Operations	9.7.1	Submit a revised comprehensive de-inventory security program plan to LSO by August 31, 2011.	Target(s) - Essential only	2. Nuclear Safety	NA-70
Institutional Management	10	Manage business operations in an effective and efficient manner while safeguarding public assets and supporting mission objectives.	Objective	5. Mgt. Excellence	
Institutional Management	10.1	Perform effective financial management in accordance with applicable requirements and standards.	Measure	5. Mgt. Excellence	
Institutional Management	10.1.1	Maintain an overall satisfactory performance rating in the FY 2011 NNSA OFFM Integrated Contractor Financial Management Performance Measures.	Target(s) - Essential only	5. Mgt. Excellence	
Institutional Management	10.1.2	Consistently apply institutional rates (non-SCAP) for PPBE to NIF/NIC for the performance period beginning FY 2013 in order to mitigate programmatic impacts.	Target(s) - Essential only	5. Mgt. Excellence	
Institutional Management	10.1.3	Submit fully compliant budget-based forward pricing rates for DOE/NNSA review and approval.	Target(s) - Essential only	5. Mgt. Excellence	

**FY 2011 Performance Evaluation Plan  
Attachment 1  
LLNL Performance Objectives**

Performance Category	Number	Performance Objective/Measure/Target	Type	DOE Strategic Plan Reference	NNSA Program Office Crosswalk
Institutional Management	10.1.4	Manage estimated indirect cost pool variances at year end to within +/- 5% of costs or a maximum of \$10M by pool, the lesser of which. Submit results of periodic variance analysis and obtain Contracting Officer approval of all billing rates changes prior to implementation.	Target(s) - Essential only	5. Mgt. Excellence	
Institutional Management	10.1.5	Expand implementation of the newly established performance measurement baseline process to include all indirect funded activities/functions (including PMC and LDRD).	Target(s) - Essential only	5. Mgt. Excellence	
Institutional Management	10.1.6	Implement an institutional funds management system to incorporate reporting of actual and forecasted DOE funding, costs, and commitments.	Target(s) - Essential only	5. Mgt. Excellence	
Institutional Management	10.1.7	By 12/23/10, demonstrate that that LLNS cost accounting practices are compliant with Cost Accounting Standards, or are on schedule to become fully compliant as agreed to by the CO, and obtain approval of the FY 2011 CASB Disclosure Statement.	Target(s) - Stretch only	5. Mgt. Excellence	
Institutional Management	10.2	Demonstrate an effective and efficient Supply Chain Management function.	Measure	5. Mgt. Excellence	
Institutional Management	10.2.1	Maintain an approved Property System.	Target(s) - Essential only	5. Mgt. Excellence	
Institutional Management	10.2.2	By September 16, 2011, eliminate 24% of Director's Office Organization and Operations and Business PAD unclassified single function machines (a single machine capable of only printing, faxing, copying, and scanning) and replace with new unclassified multi function machines within these two organizations.	Target(s) - Stretch only	5. Mgt. Excellence	
Institutional Management	10.2.3	Maintain an approved procurement system utilizing the approved Objectives Matrix Plan.	Target(s) - Essential only	5. Mgt. Excellence	
Institutional Management	10.2.4	Fully implement the Supply Chain Professional Development Program by providing training opportunities and rotational assignments that will enhance workforce development.	Target(s) - Essential only	5. Mgt. Excellence	
Institutional Management	10.2.5	Optimize utilization of eProcurement tools with an emphasis on SCMC provided tools(i.e. eSourcing, eStore) or resident equivalent tools as a means to drive supply chain cost savings. Provide personnel and actively participate on SCMC commodity teams. Increase the utilization of SCMC developed commodity agreements/contracts as a means to drive supply chain cost savings. Provide personnel to participate on a multi-site demand management work group. Work group shall focus on development of a "demand management" definition, benchmarking and sharing of best practices. (Leader: ?) Continue development and execution of NSE wide human capital roadmap (Leader: Paul Biagoli - KCP) . Support SCMC growth strategy development.	Target(s) - Essential only	5. Mgt. Excellence	NA-63
Institutional Management	10.3	Maintain a centralized Strategic Human Resources Management (SHRM) Directorate that provides leadership and infrastructure to ensure recruitment, development, and maintenance of the workforce.	Measure	5. Mgt. Excellence	
Institutional Management	10.3.1	Perform analysis of 25% of Institutional Training Requirements (ITRs), identify opportunities to reduce redundant or unnecessary training, and reduce training seat time by 1,000 person hours in FY11.	Target(s) - Essential only	5. Mgt. Excellence	
Institutional Management	11	Governance assures performance and creates long-term sustainable value for the institution.	Objective	5. Mgt. Excellence	
Institutional Management	11.1	Establish an effective WFO Management Program to achieve LLNL's vision of a broad National Security Laboratory.	Measure	5. Mgt. Excellence	
Institutional Management	11.1.1	WFO and non DP programs revenue trend upward	Target(s) - Stretch only	5. Mgt. Excellence	
Institutional Management	11.2	Improve the security performance and agility of the IRM systems	Measure	5. Mgt. Excellence	
Institutional Management	11.2.1	Complete Build Out of B112 Data Center North.	Target(s) - Essential only	5. Mgt. Excellence	
Institutional Management	11.2.2	Expand the Enterprise Virtualization Environment to support 400 Additional Servers.	Target(s) - Essential only	5. Mgt. Excellence	

**FY 2011 Performance Evaluation Plan  
Attachment 1  
LLNL Performance Objectives**

<b>Performance Category</b>	<b>Number</b>	<b>Performance Objective/Measure/Target</b>	<b>Type</b>	<b>DOE Strategic Plan Reference</b>	<b>NNSA Program Office Crosswalk</b>
Institutional Management	11.2.3	Update the Business Systems Multi Year Roadmap.	Target(s) - Essential only	5. Mgt. Excellence	
Institutional Management	11.2.4	Develop Formal Business Systems COOP.	Target(s) - Essential only	5. Mgt. Excellence	
Institutional Management	11.2.5	Develop Risk Based Cyber Security Approach.	Target(s) - Essential only	5. Mgt. Excellence	
Institutional Management	11.2.6	Fund and execute institutional business system projects in accordance with the priorities set forth in the LLNL Business System Council (BSC) FY11 Project Proposals list dated July 29, 2010.	Target(s) - Essential only	5. Mgt. Excellence	
Institutional Management	11.3	Effectively implement and follow a Legal Management Plan that complies with 10 CFR Part 719 and DEAR 970.5228-1 and incorporates best practices and procedures.	Measure	5. Mgt. Excellence	
Institutional Management	11..3.1	Best practices demonstrate effective internal controls and continuous improvement to maintain acceptable legal management designed to reduce the following: litigation costs; outside counsel fees and costs; and cost of judgments, awards and settlements. Provide litigation support as necessary to DOE/NNSA.	Target(s) - Essential only	5. Mgt. Excellence	
Institutional Management	11.4	Develop and implement initiatives to increase the effectiveness and efficiency of the Laboratory.	Measure	5. Mgt. Excellence	
Institutional Management	11.4.1	Board of Governors and Parent Organization's support assists in Laboratory performance improvements.	Target(s) - Essential only	5. Mgt. Excellence	
Institutional Management	11.4.2	Complete Contract Reform Implementation Plan milestones on schedule.	Target(s) - Essential only	5. Mgt. Excellence	
Institutional Management	11.5	Institutional implementation of ESH&Q and Security requirements and line management accountability and responsibility for performance.	Measure	5. Mgt. Excellence	
Institutional Management	11.5.1	Quality Assurance Program assures that the quality of work is achieved and maintained.	Target(s) - Essential only	5. Mgt. Excellence	
Institutional Management	11.5.2	Continue to implement the "dual reporting" of injuries and illnesses by payroll and work line, and demonstrate that actions are taken when this data indicates a change in moving averages.	Target(s) - Essential only	5. Mgt. Excellence	
Institutional Management	11.5.3	Implement an ISO 14001 Environmental Management System through institutional Environmental Management Plans that reduce the LLNL environmental footprint and support the DOE/NNSA goals, monitor and manage environmental performance against EMS goals and objectives, and demonstrate success and progress against the DOE/NNSA goals by September 2011.	Target(s) - Essential only	5. Mgt. Excellence	
Institutional Management	11.5.4	Obtain essential materials necessary for a subcritical training assembly for nuclear safety training and develop plans for establishing a nuclear training center that meets post de-inventory security requirements.	Target(s) - Stretch only	5. Mgt. Excellence	

FY 2011 Performance Evaluation Plan  
Attachment 2  
LLNL Multi-Site Targets

Item	FY11 Multi-Site Target	HQ NNSA Champion	FY11 Contractor Success Criteria (blue text is short title)	NNSA Owners	M&O Lead & Primary Participating Sites
1	Stockpile (30% minimum of Multi-Site total)	K.Greenaugh	<p><b>1.1 Ensure W76-1 LEP production remains on schedule</b> as identified in PCD W76-01 2011-A (as revised) for deliveries to the U.S. Navy.</p> <p><b>Implementing Criteria:</b>            1.1.1 Meet quarterly production targets.            1.1.2 Interface with Navy to confirm requirements.</p> <p><b>Exit Criteria:</b> Deliver PCD quantities to the Navy.</p>	J. Oder, D. Rose	<p><b>Lead:</b> J. Yarbrough, PX; B. Knapp, LANL; C. Hart, SNL</p> <p><b>Participating Sites:</b> SNL, LANL, KCP, PX, Y-12 &amp; SNL &amp; SRS</p>
			<p><b>1.2 Complete B61 Phase 6.2/2a Option Down Select and Cost Study FY11 activities that enable a 2017 FPU.</b></p> <p><b>Implementing Criteria:</b>            1.2.1. Provide design options to support down select and costing in Phase 6.2A (SNL &amp; LANL) (FEB11).            1.2.2. Complete site inputs/deliverables to support Gate Package for Gate B (SNL, LANL, PX, KCP &amp; SRS) provide site inputs for Phase 6.2 report (SNL, LANL, PX, KCP &amp;, SRS) (JUN11).            1.2.3. Provide site inputs for MIR (SNL, LANL, PX, KCP &amp; SRS) (JUN11).            1.2.4. Provide site inputs for WDCR (SNL, LANL, PX, KCP &amp; SRS) (JUL11).            1.2.5. Provide IPR report (SNL, LANL &amp; LLNL) (JUN11).            1.2.6. Complete site inputs/deliverables to support Gate Package for Gate C (SNL, LANL, PX, KCP &amp; SRS) (AUG11).  <b>1.2.7. Exit criteria:</b> Phase 6.2/2A Report is submitted for approval to the B61 Project Officers Group (SEP11).</p>	J. Oder, R. McKay	<p><b>Leads:</b> C. Hart, SNL; B. Knapp, LANL</p> <p><b>Participating Sites:</b> SNL, LANL, LLNL, PX, Y-12, KCP, SRS, LANL &amp; SNL</p>

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LLNL Multi-Site Targets

Item	FY11 Multi-Site Target	HQ NNSA Champion	FY11 Contractor Success Criteria (blue text is short title)	NNSA Owners	M&O Lead & Primary Participating Sites
			<p><b>1.3 Complete FY 2011 W78 Phase 6.1 activities.</b></p> <p><b>Implementing Criteria:</b></p> <p>1.3.1. Interface with DoD to identify, analyze and confirm requirements.</p> <p>1.3.2. Interface with Campaign, Stockpile Services, and RTBF to identify and confirm reuse/remanufacture options, technologies, production capabilities, and facilities.</p> <p>1.3.3. Identify design options.</p> <p><b>Exit criteria:</b> Draft Program Plan to execute Phase 6.2/2a is developed and delivered for initial review (SEP11).</p>	<p>J. Oder, W. Baca</p>	<p><b>Lead: D. Wapman, LLNL; C. Hart, SNL</b></p> <p><b>Participating Sites:</b> PX, KCP, Y-12, LANL, SNL, LLNL &amp; SRS</p>
			<p><b>1.4 Execute the prioritized Surveillance Program.</b></p> <p><b>Implementing Criteria:</b> Each site will execute the prioritized surveillance program, according to the PCD, and value stream the surveillance assessment portfolio to optimize benefit to stockpile stewardship.</p> <p><b>Exit criteria:</b> Complete FY11 surveillance activities in accordance with the PCD. Provide evidence of completion (written report) for each activity identified in approved IWET plans. Report FY11 surveillance activities to QERTS.</p>	<p>J. Oder</p>	<p><b>Lead: C. Hart, SNL</b></p> <p><b>Participating Sites:</b> PX, KCP, Y-12, LANL, SNL, LLNL &amp; SRS</p>

FY 2011 Performance Evaluation Plan  
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LLNL Multi-Site Targets

Item	FY11 Multi-Site Target	HQ NNSA Champion	FY11 Contractor Success Criteria (blue text is short title)	NNSA Owners	M&O Lead & Primary Participating Sites
2	Enterprise Integration (10% minimum of Multi-Site total)	G. Allen	<p><b>2.1. Support business process transformation and relocation of the Kansas City Plant.</b></p> <p>Within allocated resources, and taking into account NNSA stockpile priorities, focus budget, resources, planning and execution to support KCP inventory reductions, requalification planning for relocated products and processes, and product build-ahead's in support of KCRIMS in order to minimize impact on delivery commitments.</p>	G. Allen, D. Conwell	<p>Lead: R. Lavelock, KCP</p> <p>Participating Sites: SNL, LANL, LLNL, KCP, Y-12, PX, SRS &amp; NNSS</p>
			<p><b>2.2 Successfully complete NNSA-approved priority activities to achieve enhanced efficiencies.</b></p> <p>2.2.1. NNSS, SNL, PX, Y-12, LANL, LLNL, and SRS implement their Site specific Governance Plan in accordance with the NNSA approved Project Execution Plan.</p> <p>2.2.2 Implement functional cost and assessment metrics consistent with plan submitted in FY2010 and agreed to by HQ. The plan shall include each Sites planned ratios for the functional cost metric, the basis/logic for the ratios and an enterprise roll-up. The plan shall include two assessment (profile and effectiveness) metrics.</p>	G. Allen, D. Conwell	<p>Lead: B. Rich, KCP for 2.2.1 2.2.4</p> <p>Participating Sites: SNL, LANL, LLNL, KCP, Y-12, PX, SRS &amp; NNSS</p>
			<p><b>2.3 Implement Enterprise Wireless project.</b></p> <p>a. From the 2010 MITRE wireless report identify those opportunities (applications or use cases) that would have the most benefit for NSE, and for those identified opportunities, develop a common set of technology standards and an implementation approach to accelerate the use of the wireless technologies across NSE. (30 Mar 2011).</p> <p>b. Deliver an execution plan of proposed wireless projects including their associated benefits for FY</p>	R. Brese, D. Jarrell	<p>Lead: A. Hale, SNL &amp; B. Ottesen, KCP</p> <p>Participating Sites: SNL, LANL, LLNL, KCP, Y-12, PX, SRS &amp; NNSS</p>

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LLNL Multi-Site Targets

Item	FY11 Multi-Site Target	HQ NNSA Champion	FY11 Contractor Success Criteria (blue text is short title)	NNSA Owners	M&O Lead & Primary Participating Sites
			<p>2012 enterprise wireless funding consideration (Draft plan 30 May 2011) (Final plan 30 Aug 2011).</p> <p>c. Put into practice the enterprise wireless security framework developed in FY 2010 and use it to obtain a complex-wide accreditation for one of the technologies. (30 Sept 2011).</p>		
			<p><b>2.4 Achieve cost savings of \$178M during FY11 for activities established by the NNSA Business Management Advisory Council (BMAC).</b></p> <p>Aggressively pursue and achieve cost savings in accordance with individual Site objectives, guided by the opportunities identified by the BMAC to ensure a contribution to overall NNSA cost efficiency goals. Site cost savings estimates and the basis of the estimate must be validated by the NNSA Office of the CFO. Completion Target: This measure has been achieved when the Contractors collectively have achieved the savings target.</p>	<p>J. Waddell, S. Clemons, B. Hooper</p>	<p>Lead: M. Butchko, NNS</p> <p>Participating Sites: SNL, LANL, LLNL, KCP, Y-12, PX, SRS &amp; NNS</p>
3	<p>Science (10% minimum of Multi-Site total)</p>	C. Deeney	<p><b>3.1 Achieve National Ignition Campaign FY11 Objectives:</b></p> <p>3.1.1. Begin first integrated ignition experiments NLTQ4FY11.</p> <p>3.1.2. Complete operational qualification of the first set of NIC ignition diagnostics by Q2FY11.</p>	<p>R. Schneider K. Levedahl</p>	<p>Lead: P. Baisden, LLNL</p> <p>Participating Sites: LANL, LLNL, NNS &amp; SNL</p>

FY 2011 Performance Evaluation Plan  
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Item	FY11 Multi-Site Target	HQ NNSA Champion	FY11 Contractor Success Criteria (blue text is short title)	NNSA Owners	M&O Lead & Primary Participating Sites
			<p><b>3.2 Provide ASC Predictive Capability Assessment:</b></p> <p>Implement a formal methodology for quantifying progress toward predictive capability, demonstrate the capability on a limited set of NTS experiments, and provide this information to the Predictive Capability Framework planning process. This will include a framework for using both integral and small scale experiments to assess progress toward predictive capability as models advance, and a means for identifying key gaps and helping to prioritize needed improvements. This activity will be coordinated through the ASC V&amp;V program element at each of the laboratories and is due by 30SEP11.</p>	D. Wade.	<p><b>Lead: M. Anderson, LANL &amp; J. Sefcik, LLNL</b></p> <p><b>Participating Sites: LANL, SNL &amp; LLNL</b></p>
			<p><b>3.3 Demonstrate key physics necessary for certification of an advanced surety method by 30SEP11.</b></p>	R. Schneider/ R. Hanrahan	<p><b>Lead: D. Haynes, LANL &amp; C. Verdon, LLNL</b></p> <p><b>Participating Sites: LANL, LLNL, SNL &amp; NNSS</b></p>
			<p><b>3.4 Complete Barolo experiments at U1a by end of Q2FY11 (31MAR11).</b></p>	R. Hanrahan	<p><b>Lead: B. Knapp LANL &amp; J. Holt, NNSS</b></p> <p><b>Participating Sites: LANL, LLNL, SNL &amp; NNSS</b></p>



FY 2011 Performance Evaluation Plan  
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LLNL Multi-Site Targets

Item	FY11 Multi-Site Target	HQ NNSA Champion	FY11 Contractor Success Criteria (blue text is short title)	NNSA Owners	M&O Lead & Primary Participating Sites
<p><b>Guidance:</b></p> <ul style="list-style-type: none"> <li>• Minimum percentage fee structure: 30% for Stockpile; 10% for Enterprise; Integration; 10% for Science &amp; Engineering; and remaining 50% allocated per Site Office Manager's discretion.</li> <li>• Sites not participating in a multi-site target will have their fee rolled up within the same major category (items 1, or 2, or 3).</li> <li>• Sites not participating in a major category (item) will have their fee distributed within remaining major categories (item) at the Site Office Manager's discretion.</li> <li>• The HQ "Champion" shall evaluate quarterly whether the multi-site target was achieved on a pass/fail basis taking into account inputs from the "Owners." At completion of 4<sup>th</sup> FY Quarter, NA-10 shall sign a Memo to Site Office Managers that contains the final evaluation ratings for each Multi-site Target; this Memo is used by the FDO for ultimate fee determination.</li> </ul>					

**Glossary for FY11 Multi-Site Targets**

Acronym / Term	Definition
ASC	Advanced Simulation & Computing
BMAC	Business Management Advisory Council
CoE	Center of Excellence for IT work
CD-0	Mission Need as justification for future construction or development
CD-1	Alternative Selection & Cost Range based on Mission Need
CD-2	Performance Baseline based on CD-0 & CD-1
CD-3	Start construction/start development
CD-4	Start operations of constructed facility or developed IT system
DoD	Department of Defense
EFCOG	Energy Facility Contractors Group
EISM	Enterprise Integrated Safety Management system
Enterprise	Nuclear Weapons Complex for NNSA
ERP	Enterprise Resource Planning
FIPS	Federal Information Processing Standard
FY	Fiscal Year
IPR	Independent Project Review
ISM	Integrated Safety Management
IT	Information Technology
JASPER	Joint Actinide Shock Physics Experimental Research facility
KCP	Kansas City Plant
LANL	Los Alamos National Laboratory
LEP	Life Extension Program
LLNL	Lawrence Livermore National Laboratory
LOCAS	Line Oversight & Contractor Assurance System
M&O	Management & Operator contractor of a NNSA Site
MIR	Major Impact Report
MSDS	Material Safety Data Sheet
NIC	National Ignition Campaign
NLT	Not Later Than
NNSA	National Nuclear Security Administration replaces Atomic Energy Commission

FY 2011 Performance Evaluation Plan  
Attachment 2  
LLNL Multi-Site Targets

NSE	Nuclear Security Enterprise same as Nuclear Weapons Complex for NNSA
NNSS	Nevada National Security Site
NWBS	National Work Breakdown Structure
PCD	Program Control Document
Pu	plutonium
PX	Pantex Facility
RTBF	Readiness in Technical Base & Facilities
SNL	Sandia National Laboratories
SNM	Special Nuclear Material
SRS	Savannah River Site
SRTO	Savannah River Tritium Office
SSMP	Stockpile Stewardship & Management Plan
TRIM	Tritium Responsive Infrastructure Modifications
U1a	NTS' underground tunnel complex
UGT	Under Ground Test (nuclear)
WDCR	Weapon Design & Cost Report
Y-12	Y-12 National Security Complex