

(Dollars in thousands)

	FY 2005	FY 2006	FY 2007
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▪ **W88 Stockpile Systems** **62,713** **32,493** **39,796**

Enduring stockpile workload efforts on the W88 include ongoing assessment and certification activities, limited life component exchange activities, surveillance activities, and required alterations, modifications, repairs, and safety studies.

In FY 2007, programmatic activities include supporting the annual assessment process; providing laboratory and management support to the POG and DoD Safety Studies; supporting resolution of SFIs; submitting data for surveillance cycle reports; conducting integrated experiments per current approved baseline plan; ongoing engineering development activities for the 4T reservoir; continuing forging procurements; disassembling and inspection of stockpile laboratory test units and stockpile flight test units; and production of joint test assemblies and test beds.

Reliable Replacement Warhead **0** **24,750** **27,707**

The Nuclear Weapons Council (NWC) approved the Reliable Replacement Warhead (RRW) Feasibility Study which began in May 2005, and is expected to take 18 months to complete. The goal of the RRW Study is to identify designs that will sustain long term confidence in a safe, secure and reliable stockpile and enable transformation to a responsive nuclear weapon infrastructure. The Joint DOE/DoD RRW Project Officer's Group (POG) was tasked to oversee a laboratory design competition for a RRW warhead with the FPU goal of FY 2012. The POG will assess technical feasibility including certification without nuclear testing, design definition, manufacturing, and an initial cost assessment to determine whether the proposed candidates will meet the RRW study objectives and requirements. At the end of the study, the POG will establish the preferred RRW design options and recommendations to the NWC Standing and Safety Committee (NWCSSC) and NWC. In FY 2005, RRW activity was funded under Stockpile Services.

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In FY 2007 specific activities include: with NWC approval, proceed with detailed design and preliminary cost estimates of RRW concepts to confirm that RRW designs provide surety enhancements, can be certified without nuclear testing, are cost-effective, and will support both stockpile and infrastructure transformation.

Weapons Dismantlement and Disposition .. **72,907** **59,400** **75,000**

Weapons Dismantlement and Disposition includes all activities that support or perform tasks to reduce the quantity of retired weapons or retired weapon components in the inventories, to include the interim storage, surveillance, and complete disposition of retired weapons and weapon components. Specific activities include weapon dismantlement, characterization of components, disposal of retired warhead system components, and surveillance of selected components from retired warheads. Other supporting activities specific for retired warheads include: conducting facility hazard assessments including studies of lightning, environmental sensing devices, and fire protection; issuing safety analysis reports; conducting laboratory and production plant safety studies in implementation of SS-21; procuring shipping and storage equipment; providing oversight of testers; and supporting the Tri-lab office efforts on dismantlement activities.

(Dollars in thousands)

FY 2005	FY 2006	FY 2007
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- **W76 Stockpile Systems** **122,177** **62,891** **56,174**

Enduring stockpile workload efforts on the W76 will include ongoing assessment and certification activities, limited life component exchange activities, surveillance activities, and required alterations, modifications, repairs, and safety studies.

In FY 2007, programmatic activities include: supporting the annual assessment process; providing laboratory and management support to the POG and DoD Safety Studies; and supporting resolution of SFIs; submitting data for surveillance cycle reports and conducting integrated experiments per current approved baseline plan; steady state production of the 1X Acorn; production of the MC4380A replacement neutron generator; production of telemetry units and neutron generator monitors; production of unique structural parts and Acorns for joint test assemblies; building three joint test assemblies; conducting stockpile laboratory and flight tests; and disassembling and inspecting test units.

- **W78 Stockpile Systems** **43,986** **32,299** **50,662**

Enduring stockpile workload efforts on the W78 will include ongoing assessment and certification activities, limited life component exchange activities, surveillance activities, and required alterations, modifications, repairs, and safety studies.

In FY 2007, programmatic activities include: supporting the realignment of baselining and hydrodynamic testing from Stockpile Services R&D, supporting the annual assessment process; providing laboratory and management support to the POG and DoD Safety Studies; and supporting resolution of SFIs; submitting data for surveillance cycle reports and conducting integrated experiments per current approved baseline plan; completing the MC4381 neutron generator FPU and beginning the retrofit; initiating production activities for the firing system to support surveillance rebuilds, continuing work on the improved LF-7A gas transfer system, conducting stockpile flight tests using the redesigned W78 joint test assemblies, and disassembly and inspection of stockpile laboratory and flight units and test beds; and conducting planned priority hydrotests.

- **W80 Stockpile Systems** **41,237** **26,070** **27,230**

Enduring stockpile workload efforts on all modifications of the W80 include ongoing assessment and certification activities, limited life component exchange activities, surveillance activities, and required alterations, modifications, repairs, and safety studies.

In FY 2007, programmatic activities include completion of the remaining SS-21 integrated activities and procurement of tools developed through this process for the W80-0/1 by FY 2007 and initiating SS-21 integrated activities on the W80-03; supporting the annual assessment process; providing laboratory and management support to the POG and DoD Safety Studies; and supporting resolution of SFIs; submitting data for surveillance cycle reports and conducting integrated experiments per current approved baseline plan; the steady state production of the 1K Reservoir; producing telemetry units, neutron generator monitors, cables, and other joint test assembly hardware for support of stockpile flight tests; continuing polymeric evaluation testing; building joint test assemblies; and conducting the disassembly and inspection of stockpile laboratory units,

Advanced Simulation and Computing Campaign

Funding Schedule by Activity

	(dollars in thousands)		
	FY 2005	FY 2006	FY 2007
Advanced Simulation and Computing Campaign^a			
Integrated Codes	180,832	153,754	155,247
Physics and Engineering Models	70,130	65,242	66,566
Verification and Validation	53,979	49,747	52,138
Computational Systems and Software Environment	234,146	172,376	178,445
Facility Operations and User Support	155,907	158,653	165,559
Construction Projects	3,202	0	0
Total, Advanced Simulation and Computing Campaign	698,196	599,772	617,955

NOTE: The FY 2006 column includes an across-the-board rescission of 1 percent in accordance with the Department of Defense Appropriations Act, 2006, P.L. 109-148.

Outyear Funding Schedule

	(dollars in thousands)			
	FY 2008	FY 2009	FY 2010	FY 2011
Advanced Simulation and Computing Campaign				
Integrated Codes	156,843	153,463	150,080	146,163
Physics and Engineering Models	67,416	67,568	66,738	66,112
Verification and Validation	52,931	53,050	52,398	52,163
Computational Systems and Software Environment	227,863	223,576	216,983	210,680
Facility Operations and User Support	127,042	124,286	121,547	118,643
Construction Projects	0	0	0	0
Total, Advanced Simulation and Computing Campaign..	632,095	619,204	607,746	593,761

Description

The goal of the Advanced Simulation and Computing (ASC) Campaign is to provide leading edge, high-end simulation capabilities to meet weapons assessment and certification requirements, including weapon codes, weapons science, platforms, and computer facilities.

The ASC Campaign enables Stockpile Stewardship by: delivering validated weapons simulation tools with more accurate physical models and better numerical approximations; integrating the ASC tools into a Quantification of Margins and Uncertainties (QMU) certification and assessment methodology; developing the ability to quantify confidence bounds on the uncertainty in our results; and providing the necessary computing capability to code users, in collaboration with industrial partners, academia and government agencies. As the computational surrogate for nuclear testing, ASC plays an important role in Reliable Replacement Warhead (RRW) development and supports a Responsive Infrastructure; the

^a NNSA has included funding in the Advanced Simulation and Computing Campaign to continue the University Research Program in Robotics (URPR) initiated by Congress in previous years. This activity is not included in the FY 2006 or FY 2007 plans.

capability study was initiated to evaluate cost-effective strategies for siting NNSA capability platforms. A Software Quality Audit was conducted to evaluate the weapons codes at the laboratories. A JASON study of the Verification and Validation subprogram was commissioned to clarify metrics that measure code accuracy.

Benefits

ASC contributes to Program Goal 01.31.00.00 by providing leading edge, high-end simulation capabilities through investments made in five subprograms that support activities in the areas of weapon codes, weapon science, computational infrastructure, and computing center operations.

Major FY 2005 Achievements

Direct Stockpile Support (Certification, LEPs, SFI), Dismantlement, National Security

- Major advance, supported by ASC modeling, in the understanding of key weapons phenomenological factor.
- Modern ASC code baseline comparisons to nuclear test data significantly advanced for the W76, W88, W80, B83, W87, W62, B61.
- ASC 3D calculations played a key role in developing and confirming engineering solutions in W80 LEP process resulting in large cost savings at Kansas City plant.
- Several SFIs resolved by application of ASC codes, in peer reviewed, two lab efforts.
- Modern ASC safety analysis supported significant weapons dismantlement work.
- Applied ASC codes to the development and analysis of NIF Early Light experiments.
- 3D ASC codes used to predict and interpret DARHT hydro shot for W76-1 LEP.
- Successful assessment of W-76 x-ray output using modern ASC codes.
- ASC increasing contributions to nuclear event attribution and NEST capabilities.
- Major improvement in transport implemented for modern primaries, secondaries, and output.
- Latest release of modern Primary code instrumental in certifying W76-1 LEP.

Stockpile Supporting Science

- Modern ASC codes used to predict and interpret Z pulsed power experiments in regimes of interest to the stockpile.
- 3D modern ASC codes applied to the development prediction and analysis of OMEGA laser experiments at extreme temperatures and pressures relevant to ICF and the stockpile.
- Major ASC multi-month simulation to answer an important stockpile issue underway.

Detailed Justification

(Dollars in thousands)

	FY 2005	FY 2006	FY 2007
Life Extension Program.....	490,792	297,810	312,662

NNSA developed the LEP Program to extend the stockpile lifetime of a warhead or warhead components at least 20 years with a goal of 30 years. NNSA, in conjunction with the applicable service from the DoD, executes a Life Extension Program following the procedural guidelines of the Phase 6.x process. The activities below describe what research, development, and production work current LEP require to meet the authorized First Production Unit (FPU) date, with the necessary weapon military characteristics throughout the Stockpile-to-Target Sequence.

<ul style="list-style-type: none"> ▪ B61 Life Extension Program..... 	<p>118,038</p>	<p>50,375</p>	<p>58,934</p>
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The B61 LEP will extend the life of the B61 for an additional 20 years. The B61 Life Extension Program includes refurbishment of the canned subassembly; and replacement of associated seals, foam supports, cables and connectors, the group X kit (e.g., washers, o-rings), and limited life components on the B61 Mods 7 and 11.

In FY 2007, programmatic activities will include the continuation of production quantities to meet DoD requirements. More specifically, the labs will continue to provide systems design support for the production of the piece parts to the production plants, including initiating necessary production definition changes to improve manufacturability and disposition instructions for production issues, and completing qualifications to support DRAAG and Major Assembly Release (MAR). The production plants will continue steady state production of the foam supports, cushions, cables, refurbished case, and nitrogen cartridge in addition to surrogate material production with machining and material drying.

<ul style="list-style-type: none"> ▪ W76 Life Extension Program..... 	<p>230,766</p>	<p>149,277</p>	<p>151,684</p>
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The W76 LEP will extend the life of the W76 for an additional 30 years with the FPU in FY 2007. Activities include design, qualification, certification, production plant Process Prove-In (PPI), and Pilot Production. The pre-production activities will ensure the design of refurbished warheads meets all required military characteristics. Additional activities include work associated with the manufacturability of the components including the nuclear explosive package; the Arming, Firing, and Fuzing (AF&F) system; gas transfer system; and associated cables, elastomers, valves, pads, cushions, foam supports, telemetries, and miscellaneous parts.

In FY 2007, programmatic activities include completion of all 6.4, Production Engineering processes to support achieving 6.5, First Production authorization in April 2007; issuance of the remaining Sub-System Engineering Releases to the production plants to support the FPU in September 2007, completion of the remaining Seamless Safety for the 21st Century (SS-21) integrated activities and procurement of tools developed through this process by June 2007 and completion of certification and qualification activities to certify the refurbished design with margins and uncertainties; fabrication activities, procedure development, and training, Process Prove-In (PPI) activities on the AF&F and telemetry and aft supports, AF&F subsystems, and other major assemblies.

Annual Performance Results and Targets

FY 2002 Results

FY 2003 Results

Report annually to the President on the need or lack of need to resume underground testing to certify the safety and reliability of the nuclear weapon stockpile. (MET GOAL)

Meet all annual weapons maintenance, refurbishment, and dismantlement schedules developed jointly by the DOE and DoD. (MET GOAL)

Report annually to the President on the need or lack of need to resume underground testing to certify the safety and reliability of the nuclear weapon stockpile. (MET GOAL)

Meet all annual weapons maintenance, refurbishment, and dismantlement schedules developed jointly by the DOE and DoD. (MIXED RESULTS)

Annual Performance Results and Targets

(R = Results; T = Targets)

Performance Indicators	FY 2003 Results	FY 2004 Results	FY 2005 Results	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Endpoint Target
Annual percentage of warheads in the Stockpile that are safe, secure, reliable, and available to the President for deployment (Annual Outcome)	R: 100%	R: 100%	R: 100% T: 100%	T: 100%	T: 100%	T: 100%	T: 100%	T: 100%	T: 100%	Annually, maintain 100% of the warheads in the stockpile as safe, secure, reliable, and available to the President for deployment.
Annual percentage of items supporting Enduring Stockpile Maintenance completed (Annual percentage of prior-year non-completed items completed) (Annual Output)	R: 93% (79%)	R: 85% (77%)	R: 44% (85%)	T: 95% (100%)	T: 95% (100%)	T: 95% (100%)	T: 95% (100%)	T: 95% (100%)	T: 95% (100%)	Annually, complete at least 95% of all scheduled maintenance activity (100% of prior-year non-completed items).
Cumulative percentage of progress in completing Nuclear Weapons Council (NWC)-approved W76-1 Life Extension Program (LEP) activity (Long-term Output)	R: 18%	R: 24%	R: 29% T: 29%	T: 34%	T: 39%	T: 44%	T: 49%	T: 54%	T: 59%	By 2020, complete NWC-approved W-76-1 LEP.
Cumulative percentage of progress in completing NWC-approved W80-3 LEP activity (Long-term Output)	R: 18%	R: 22%	R: 30% T: 30%	T: 36%	T: 42%	T: 48%	T: 54%	T: 60%	T: 66%	By 2017, complete NWC-approved W80-3 LEP.
Cumulative percentage of progress in completing NWC-approved B61-7/11 LEP activity (Long-term Output)	R: 10%	R: 20%	R: 27% T: 30%	T: 40%	T: 70%	T: 90%	T: 100%	N/A	N/A	By 2009, complete NWC-approved B61-7/11 LEP.
Cumulative percentage of progress in completing NWC-approved W87 LEP (Long-term Output)	R: 85%	R: 100% T: 100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	By 2004, complete NWC-approved W87 LEP.
Cumulative percent reduction in projected W80 warhead production costs per warhead from established validated baseline, as computed and reported annually by the W80 LEP Cost Control Board (Efficiency)	N/A	N/A	R: <u>Baseline</u> T: <u>Baseline</u>	T: <u>0.5%</u>	T: <u>1.0%</u>	T: <u>1.5%</u>	T: <u>2.0%</u>	T: <u>2.0%</u>	T: <u>2.0%</u>	By 2009, reduce the projected W80 LEP warhead production costs per warhead from established validated baseline by 2.0% (interim target).

By 2017
2012

Annual Performance Results and Targets

(R = Results; T = Targets)

Performance Indicators	FY 2003 Results	FY 2004 Results	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Endpoint Target
Annual percentage of warheads in the Stockpile that are safe, secure, reliable, and available to the President for deployment (Annual Outcome)	R: 100%	R: 100%	T: 100%	T: 100%	T: 100%	T: 100%	T: 100%	T: 100%	Annually, maintain 100% of the warheads in the stockpile as safe, secure, reliable, and available to the President for deployment.
Annual percentage of required Assessments and Reports completed to support stockpile certification and surety reporting to the President (Annual Output)	R: 100%	R: 100%	T: 100%	T: 100%	T: 100%	T: 100%	T: 100%	T: 100%	Annually, complete 100% of the of required assessments and reports to support stockpile certification to the President.
Annual percentage of items supporting Enduring Stockpile Maintenance completed (Annual percentage of prior-year non-completed items completed) (Annual Output)	R: 93% (79%)	R: 85% (77%)	T: 95% (100%)	T: 95% (100%)	T: 95% (100%)	T: 95% (100%)	T: 95% (100%)	T: 95% (100%)	Annually, complete at least 95% of all scheduled maintenance activity (100% of prior-year non-completed items)
Cumulative percentage of progress in completing Nuclear Weapons Council (NWC)-approved W76-1 Life Extension Program (LEP) activity (Long-term Output)	R: 18%	R: 24%	T: 29%	T: 34%	T: 39%	T: 44%	T: 49%	T: 54%	By 2017, complete NWC-approved W-76-1 LEP.
Cumulative percentage of progress in completing NWC-approved W80-3 LEP activity (Long-term Output)	R: 18%	R: 22%	T: 30%	T: 36%	T: 42%	T: 48%	T: 54%	T: 60%	By 2015, complete NWC-approved W80-3 LEP.
Cumulative percentage of progress in completing NWC-approved B61-7/11 LEP activity (Long-term Output)	R: 10%	R: 20%	T: 30%	T: 40%	T: 70%	T: 90%	T: 100%	N/A	By 2009, complete NWC-approved B61-7/11 LEP.
Cumulative percentage of progress in completing NWC-approved W87 LEP (Long-term Output)	R: 85%	R: 100%	T: N/A	T: N/A	T: N/A	T: N/A	T: N/A	T: N/A	By 2004, complete NWC-approved W87 LEP.
Cumulative percentage of progress for the Robust Nuclear Earth Penetrator (RNEP), if appropriately authorized	N/A	R: 2%	T: N/A	T: 50%	T: 100%	N/A	N/A	N/A	By the beginning of FY 2008, complete the agreed upon RNEP phase 6.2/6.2A activities.
Cumulative percent reduction in projected W80 warhead production costs per warhead from established validated baseline, as computed and reported annually by the W80 LEP Cost Control Board. (EFFICIENCY MEASURE)	N/A	N/A	T: Baseline	T: 0.5%	T: 1.0%	T: 1.5%	T: 2.0%	N/A	By 2009, reduce the projected W80 LEP warhead production costs per warhead from established validated baseline by 2.0% (interim target).

**Weapons Activities/
Directed Stockpile Work**

**Weapons Activities/
Directed Stockpile Work**

FY 2005 Congressional Budget

Performance Indicators	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Endpoint Target Date	
Cumulative percentage of progress in completing Phases* of NWC-approved W76-1 LEP	Completed initial 50% of W76-1 Phase 6.3 activity.	Complete 75% of scheduled W76-1 Phase 6.3 activity.	Complete 95% of scheduled W76-1 Phase 6.3 activity.	Complete 100% of scheduled W76-1 Phase 6.3 activity.	Complete 100% of scheduled W76-1 Phase 6.4 activity.	Complete 100% of scheduled W76-1 Phase 6.4 activity.	Complete 4% of scheduled W76-1 Phase 6.6 activity.	Complete 11% of scheduled W76-1 Phase 6.6 activity.	Complete W76-1 refurbishment FY 2013
	Complete initial 10% of W76-1 Phase 6.4 activity.	Obtain W76-1 Phase 6.4 authorization.	Obtain W76-1 Phase 6.4 authorization.	Complete 65% of W76-1 Phase 6.4 activity.	Deliver FPU.	Obtain W76-1 Phase 6.6 authorization.			
Cumulative percentage of progress in completing Phases* of NWC-approved W80-3 LEP	Completed 55% of scheduled W80-3 Phase 6.3 activity.	Complete 70% of scheduled W80-3 Phase 6.3 activity.	Obtain W80 Phase 6.3 authorization.	Complete 60% of W80-3 Phase 6.4 activity.	Complete 85% of scheduled W80-3 Phase 6.4 activity.	Deliver FPU.	Obtain W80 Phase 6.6 authorization.	Complete W80-3 refurbishment FY 2015	
	Rebaselined the W80-3 LEP.	Complete initial 10% of scheduled W80 Phase 6.4 activity.	Complete 100% of scheduled W80-3 Phase 6.3 activity.	Complete 35% of scheduled W80-3 Phase 6.4 activity.	Complete 100% of scheduled W80-3 Phase 6.4 activity.	Complete 100% of scheduled W80-3 Phase 6.4 activity.	Obtain W80 Phase 6.5 authorization.	Complete 15% of scheduled W80-3 Phase 6.6 activity.	
Cumulative percentage of progress in completing Phases* of NWC-approved W87-1 LEP	Completed work activity in accordance with Directive Schedule.	Complete scheduled Alteration 342 to W87.	Complete 56% of scheduled RNEP Phase 6.2/6.2A activity.	Complete 100% of scheduled RNEP Phase 6.2/6.2A activity.	Report results of RNEP Phase 6.2/6.2A to Nuclear Weapons Council.	Complete 65% of scheduled RNEP Phase 6.3 activity (if appropriately authorized).	Complete 100% of scheduled RNEP Phase 6.3 activity (if authorized).	Ongoing (if appropriately authorized)	LEP pending decision and direction
	N/A	Complete 17% of scheduled RNEP Phase 6.2/6.2A activity.	Complete 100% of scheduled RNEP Phase 6.2/6.2A activity.	Complete 15% of scheduled RNEP Phase 6.4 activity (if appropriately authorized).	Obtain, if applicable, RNEP Phase 6.3 appropriate authorization.	Complete 15% of scheduled RNEP Phase 6.4 activity (if appropriately authorized).	Complete 15% of scheduled RNEP Phase 6.4 activity (if appropriately authorized).		

Annual Performance Results and Targets

Performance Indicators	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Endpoint Target Date	
Percent complete of required assessments & reports to support stockpile certification to the President	Completed 100% of required Annual Stockpile Certification and Surety assessments & reports.	Complete 100% of required Annual Stockpile Certification and Surety assessments & reports.	Complete 100% of required Annual Stockpile Certification and Surety assessments & reports.	Complete 100% of required Annual Stockpile Certification and Surety assessments & reports.	Complete 100% of required Annual Stockpile Certification and Surety assessments & reports.	Complete 100% of required Annual Stockpile Certification and Surety assessments & reports.	Complete 100% of required Annual Stockpile Certification and Surety assessments & reports.	Ongoing	
Annual percentage of completed maintenance supporting Enduring Stockpile Maintenance in accordance with the Production Control Document (PCD) schedules (EFFICIENCY MEASURE)	Accomplished 92.7% of all PCD-scheduled activity. Finished 79.2% of all prior year non-completed scheduled evaluations.	Accomplish 95 % of all PCD-scheduled activity. Finish 100 % of all prior year non-completed scheduled evaluations.	Accomplish 95 % of all PCD-scheduled activity. Finish 100 % of all prior year non-completed scheduled evaluations.	Accomplish 95 % of all PCD-scheduled activity. Finish 100 % of all prior year non-completed scheduled evaluations.	Accomplish 95 % of all PCD-scheduled activity. Finish 100 % of all prior year non-completed scheduled evaluations. Initiate new material evaluations of the Alteration 357 B61-7/11 LEP.	Accomplish 95 % of all PCD-scheduled activity. Finish 100 % of all prior year non-completed scheduled evaluations. Initiate final cycle of W62 evaluation prior to retirement.	Accomplish 95 % of all PCD-scheduled activity. Finish 100 % of all prior year non-completed scheduled evaluations. Initiate new W76-1 LEP material evaluation.	Accomplish 95 % of all PCD-scheduled activity. Finish 100 % of all prior year non-completed scheduled evaluations. Initiate a retirement surveillance program for the W62.	Ongoing
Cumulative percentage of progress in completing Phases* of Nuclear Weapons Council (NWC)-approved B61-7/11 Life Extension Program (LEP)	Completed 100% of B61-7/11 Phase 6.3 activity.	Receive B61-7/11 Phase 6.4 authorization. Complete initial 30% of scheduled B61-7/11 Phase 6.4 activity.	Complete 100% of scheduled B61-7/11 Phase 6.4 activity.	Complete 100% of scheduled B61-7/11 Phase 6.5 activity.	Complete 38% of scheduled B61-7/11 Phase 6.6 activity.	Complete 69% of scheduled B61-7/11 Phase 6.6 activity.	Complete 100% of scheduled B61-7/11 Phase 6.6 activity.	Complete B61-7/11 refurbishment FY 2009	
		Receive B61-7/11 Phase 6.6 Authorization.	Receive B61-7/11 Phase 6.6 Authorization.	Complete 8% of scheduled B61-7/11 Phase 6.6 activity.					

Weapons Activities/
Directed Stockpile Work