Annual Performance Results and Targets

FY 2000 Results	FY 2001 Results	FY 2002 Results	FY 2003 Results
Conduct further subsets of the subcritical experiment begun in FY 1999 (Oboe) and one additional subcritical experiment at the Nevada Test Site to provide data on the behavior of nuclear materials during the implosion phase of a nuclear weapon. (MET GOAL)	Meet FY 2001 milestones in the science campaigns to achieve scientific understanding of the nuclear package of weapon systems to sustain our ability to annually certify the nuclear weapon stockpile without underground nuclear testing. (MET GOAL)	Meet the FY 2002 milestones in the science campaign to achieve scientific understanding of the nuclear package of weapon systems to sustain our ability to annually certify the nuclear weapon stockpile without underground nuclear testing. (MET GOAL)	Meet the critical FY 2003 Campaign performance targets contained in the NNSA Future-Year Nuclear Security Program (FYNSP). (MIXED RESULTS)
Ensure that the capability to resume underground nuclear testing is maintained in accordance with the Presidential Decision Directive through a combined experimental and test readiness program. (MET GOAL)	There were no related targets.	There were no related targets.	Implement the recommendations requested by the Nuclear Posture Review to refine test scenarios and evaluate the cost/benefit tradeoffs to sustain optimum test readiness that best supports the New Triad. (MET GOAL)

Annual Performance Results and Targets

Performance Indicators	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Endpoint Target Date
Developments and improvements in the accuracy of predictive models and methodologies used to assess nuclear performance	Completed the first Joint Actinide Shock Physics Experimental Research (JASPER) Plutonium (Pu) shot demonstrating an ability to improve Pu equation of state (EOS) data.	Complete development of Quantitative Margins and Uncertainties (QMU) logic for the W76, incorporate logic in advanced simulation, and conduct peer review.	Complete development of QMU logic for the W88 and conduct peer review.	Deliver, to advanced simulations, experimental data in new pressure and temperature regimes from dynamic and static high-pressure experiments to guide the development on an improved Pu equation of state (EOS).	Deliver a preliminary multi-phase plutonium EOS with quantified uncertainties for incorporation in primary assessment models.	Review the state of the plutonium EOS database to determine further requirements for plutonium experiments and deliver experimental data in specific regimes of interest.	-Complete 100% of QMU work on the W76. -Complete 80% of the QMU work on the W88.	Ongoing