

### National Nuclear Security Administration Nuclear Weapons FY09 Funding

(in millions of dollars; indents denote subprograms within programs)	FY07	FY08	FY09	Reference
	appropriated	appropriated	request	page <sup>1</sup>
<b>“Total Weapons Activities”<sup>ii</sup></b>	<b>6,258.58</b>	<b>6,297.47</b>	<b>6,618.08</b>	71
NNSA Office “Nuclear Deterrent” <sup>iii</sup>	300.22	340.32	341.31	12
Total NNSA nuclear weapons <sup>iv</sup>	6,558.80	6,637.79	6,959.39	12
Directed Stockpile Work (DSW)	1,430.19	1,401.25	1,675.72	91
Reliable Replacement Warhead	35.85	0.00	10.00 <sup>v</sup>	91
Life Extension Programs	273.62	234.12	211.39 <sup>vi</sup>	91
Stockpile Systems	346.72	340.09	338.68	91
Dismantlements	75.79	51.25	64.72	91
Stockpile Services	716.43	692.37	931.94 <sup>vii</sup>	91
Science Campaigns	267.76	287.62	323.07 <sup>viii</sup>	133
Test Readiness	13.44	4.91	10.41	133
Advanced Certification	0.00	14.87	20.00 <sup>ix</sup>	133
Engineering Campaigns	161.74	169.55	142.74 <sup>x</sup>	149
Enhanced Surety	26.67	34.14	35.64	149
Inertial Confinement Campaign	489.71	470.21	421.24	165
Natl. Ignition Facility Support	45.96	68.11	68.25	165
NIF Assembly & Installation	143.44	134.29	56.90	165
Plutonium Pit Manf. & Cert. Campaign	242.39	213.83	0.00 <sup>xi</sup>	195
Consolidated Plutonium Center	0.00	0.00 <sup>xii</sup>	No request	
Readiness Campaign	201.71	158.09	183.04	199
Readiness Tech. Base & Facilities	1,613.24	1,637.38	1,720.52	211
LANL CMR Replacement Project	53.42	74.14	100.20 <sup>xiii</sup>	229
Y-12 HEU Materials Facility	110.18	75.53	0.00	229
Y-12 Uranium Process. Fac. to be requested in FY10; \$858M through FY13				230
Environmental Projects & Ops	No request	8.59	40.59 <sup>xiv</sup>	71
<b>Total Department of Energy funding for the nuclear weapons laboratories:</b>				
Los Alamos	1,800.32	1,852.80 <sup>xv</sup>	1,838.30	53 <sup>xvi</sup>
Cleanup at Los Alamos	139.9	152.07	162.47 <sup>xvii</sup>	53
Sandia	1,496.66	1,403.55	1,428.87	107
Lawrence Livermore	1,288.98	1,163.03	1,100.80	47
<b>Total NNSA nuclear weapons funding for its eight sites:</b>				
Los Alamos	1,344.73	1,359.58	1,371.92	52
Sandia	1,009.16	953.20	997.16	106
Lawrence Livermore	1,106.81	990.23	950.81	46
Nevada Test Site	252.47	278.34	273.58	68
Pantex Plant	470.85	510.54	511.39	91
Kansas City Plant	425.54	398.24	477.67	38
Savannah River Site	151.86	141.06	182.36	113
Y-12	684.22	711.40	684.56	143
<b>Total DOE New Mexico</b>	<b>4,375.10</b>	<b>4,536.47</b>	<b>4,227.10</b>	89 <sup>xviii</sup>
<b>Total NNSA Weapons \$\$ in NM</b>	<b>2,587.78</b>	<b>2,717.04</b>	<b>2,595.99</b>	86

Note: 39% of FY09 “Total Weapons Activities” funding is to be spent in New Mexico alone.

<sup>i</sup> From NNSA FY09 Congressional Budget Request, Volume 1,

<http://www.cfo.doe.gov/budget/09budget/Content/Volumes/Volume1a.pdf>

<sup>ii</sup> Some budget subcategories under “Total Weapons Activities” are omitted in this tabulation.

<sup>iii</sup> The NNSA Office’s “Nuclear Deterrent” goal is to “Transform the Nation’s nuclear weapons stockpile and supporting infrastructure to be more responsive to the threats of the 21<sup>st</sup> Century.” Ibid., p. 8.

<sup>iv</sup> The main point we want to make here is that total NNSA nuclear weapons costs are ~\$340 million higher than advertised in “Total Weapons Activities.” For FY09 the cost is just under \$7 billion.

<sup>v</sup> This is not the total of RRW funding requested, although it is the only specified amount. “The FY 2009 request continues work related to the Reliable Replacement Warhead (RRW) concept and design in three areas: within Directed Stockpile Work, \$10,000,000 is included each year to enable maturation of the RRW design...; in the Science Campaign, the Advanced Certification program will continue efforts begun in FY 2008... regarding approaches to establishing an accredited warhead certification plan without nuclear testing, and within Enhanced Surety, evaluation of surety options for possible future systems, whether LEPs or RRW systems.” NNSA FY09 Congressional Budget Request, Volume 1, p. 73. Further, NNSA has a placeholder for \$10 million for RRW under Directed Stockpile Work for each year from FY10 to FY13. Ibid., p. 92. Also, see fn. 9 on Advanced Certification Campaign.

<sup>vi</sup> Decrease due to the FY08 termination of the W80 LEP and the near completion of the B61 LEP. However the W76 LEP is increasing to \$209.20 million from \$172.21 million in FY08.

<sup>vii</sup> \$198.83 million of this increase is due to transfer of plutonium pit manufacturing and capability.

<sup>viii</sup> Increase due to transfer of \$42.73 million for plutonium pit certification to Science Campaigns.

<sup>ix</sup> NNSA is seeking to continue RRW through the Advanced Certification Campaign. However, Congress created the Campaign in the FY08 Omnibus Appropriations Act because it believed that “the recent findings of the JASON Defense Advisory Group revealed significant systemic gaps in NNSA’s stockpile certification process and weapons campaign work products.” NNSA is now stating, “Consistent with the Program Plan established in response to Congressional direction in FY 2008... Analysis will be applied to the existing RRW-1 design to accredit a certification concept, addressing JASON issues, that could be applied to warhead life extensions or future modifications.” Ibid., p. 143.

<sup>x</sup> Decrease due to completion of construction for the MESA Complex at Sandia-NM. Ibid., p. 149.

<sup>xi</sup> Transferred to Directed Stockpile Work and Science Campaign (see footnotes 7 & 8).

<sup>xii</sup> Congress rejected NNSA’s FY08 \$24.91 million request for the Consolidated Plutonium Center. NNSA has now designated LANL as its preferred permanent plutonium pit production site.

<sup>xiii</sup> Total estimated costs now given as “more than \$2,000,000,000,” but still subject to revision.

<sup>xiv</sup> Increase due to takeover by NNSA of “cleanup” at Pantex and LLNL Site 300. See p. 386.

<sup>xv</sup> Proposed House cuts to nuclear weapons programs became a heated political issue in NM as candidates lined up for retiring Senator Domenici’s seat. However, ultimately LANL gained funding.

<sup>xvi</sup> The following page numbers are from the DOE’s FY09 “Laboratory Tables,”

<http://www.cfo.doe.gov/budget/09budget/Content/Labandstate/FY2009lab.pdf>

<sup>xvii</sup> There are separate amounts under \$2 million for FY07 to FY09 for “non-defense” cleanup. Total cleanup at LANL is now estimated to be between \$2.63 to \$3.60 billion. DOE FY09 Congressional Budget Request, Volume 5, p. 47, <http://www.cfo.doe.gov/budget/09budget/Content/Volumes/Volume5.pdf>.

<sup>xviii</sup> The following page numbers from the DOE’s FY09 “State Tables,”

<http://www.cfo.doe.gov/budget/09budget/Content/Labandstate/FY2009state.pdf>