



**Department of Energy's FY 2020 Nuclear Weapons Budget Request**

(All numbers in thousands of US dollars)

| <b>Selected DOE Site Tables</b>                          | <b>FY 2018</b>       | <b>FY 2019</b>   | <b>FY2020</b>    | <b>FY20-FY19</b> |
|--|----------------------|------------------|------------------|------------------|
| (Funding by DOE office in parentheses)                   | <i>Total Enacted</i> | <i>Enacted</i>   | <i>Request</i>   | <i>± %</i>       |
| <b>Argonne National Laboratory</b>                       | <b>756,019</b>       | <b>832,712</b>   | <b>766,208</b>   | <b>-7.99%</b>    |
| Weapons Activities (NNSA)                                | 2,970                | 2,182            | 300              | -86.25%          |
| Science (DOE Science)                                    | 563,310              | 658,507          | 644,899          | -2.07%           |
| Nonproliferation (NNSA)                                  | 43,910               | 44,939           | 47,241           | 5.12%            |
| Yucca Mountain and Interim Storage                       | 0                    | 0                | 800              | New              |
| <b>Fernald Environmental Management Project (DOE EM)</b> | <b>1,000</b>         | <b>1,100</b>     | <b>1,100</b>     | <b>0.00%</b>     |
| Defense Environmental Cleanup                            | 1,000                | 1,100            | 1,100            | 0.00%            |
| Office of Legacy Management                              | 11,040               | 12,276           | 13,231           | 7.78%            |
| <b>Hanford (DOE EM)</b>                                  | <b>2,589,016</b>     | <b>2,610,366</b> | <b>2,193,599</b> | <b>-15.97%</b>   |
| <b>Hanford Site</b>                                      | <b>937,301</b>       | <b>943,976</b>   | <b>712,977</b>   | <b>-24.47%</b>   |
| Defense Environmental Cleanup                            | 935,061              | 941,736          | 710,477          | -24.56%          |
| Central Plateau Remediation                              | 669,379              | 661,358          | 533,949          | -19.26%          |
| River Corridor & Other Cleanup Operations                | 183,692              | 193,692          | 89,750           | -53.66%          |
| <b>Office of River Protection</b>                        | <b>1,496,907</b>     | <b>1,549,678</b> | <b>1,424,734</b> | <b>-8.06%</b>    |
| Defense Environmental Cleanup                            | 1,496,907            | 1,549,678        | 1,424,734        | -8.06%           |
| Tank Farm Activities                                     | 719,000              | 771,947          | 677,460          | -12.24%          |
| Waste Treatment Plant                                    | 748,000              | 745,000          | 705,000          | -5.37%           |
| <b>Richland Operations Office</b>                        | <b>154,808</b>       | <b>116,712</b>   | <b>55,888</b>    | <b>-52.11%</b>   |
| Defense Environmental Cleanup                            | 145,160              | 112,393          | 49,930           | -55.58%          |
| <b>Idaho National Laboratory</b>                         | <b>1,362,658</b>     | <b>1,466,695</b> | <b>1,176,413</b> | <b>-19.79%</b>   |
| Weapons Activities (NNSA)                                | 3,846                | 2,398            | 1,770            | -26.19%          |
| Nonproliferation (NNSA)                                  | 71,004               | 77,653           | 73,216           | -5.71%           |
| Nuclear Energy (DOE Nuclear Energy)                      | 627,135              | 694,234          | 518,014          | -25.38%          |
| Naval Reactors (NNSA)                                    | 149,200              | 195,605          | 205,572          | 5.10%            |
| Defense Environmental Cleanup (DOE EM)                   | 434,071              | 433,695          | 334,854          | -22.79%          |
| Yucca Mountain and Interim Storage                       | 0                    | 0                | 10               | New              |
| <b>Kansas City National Security Complex (NNSA)</b>      | <b>671,101</b>       | <b>753,446</b>   | <b>995,601</b>   | <b>32.14%</b>    |
| Weapons Activities                                       | 639,869              | 723,676          | 939,869          | 29.87%           |
| Directed Stockpile Work                                  | 477,718              | 536,388          | 761,108          | 41.90%           |
| Environment, Health, Safety and Security                 | 10                   | 10               | 20               | 100.00%          |
| Nonproliferation   | 31,222               | 29,760           | 55,722           | 87.24%           |
| <b>Kansas City Site Office</b>                           | <b>44,998</b>        | <b>7,406</b>     | <b>7,543</b>     | <b>1.85%</b>     |
| Infrastructure and Operations (NNSA)                     | 37,974               | 0                | 130              | Restart          |
| <b>Lawrence Berkeley National Laboratory</b>             | <b>866,714</b>       | <b>856,638</b>   | <b>615,572</b>   | <b>-28.14%</b>   |
| Energy Efficiency and Renewable Energy (DOE EERE)        | 96,120               | 84,415           | 21,981           | -73.96%          |
| Science (DOE Science)                                    | 689,382              | 709,106          | 567,815          | -19.93%          |
| Yucca Mountain and Interim Storage                       | 0                    | 0                | 840              | New              |

(All numbers in thousands of US dollars)

| <b>Selected DOE Site Tables (continued)</b>            | <i>FY 2018</i>       | <i>FY 2019</i>   | <i>FY2020</i>    | <i>FY20-FY19</i> |
|--|----------------------|------------------|------------------|------------------|
|  | <i>Total Enacted</i> | <i>Enacted</i>   | <i>Request</i>   | <i>± %</i>       |
| <b>Lawrence Livermore National Laboratory (NNSA)</b>   | <b>1,731,320</b>     | <b>1,563,352</b> | <b>1,841,887</b> | <b>17.82%</b>    |
| Weapons Activities                                     | 1,413,247            | 1,344,660        | 1,511,576        | 12.41%           |
| Directed Stockpile Work                                | 280,989              | 335,223          | 416,482          | 24.24%           |
| Nonproliferation                                       | 126,412              | 124,770          | 134,746          | 8.00%            |
| Defense Environmental Cleanup                          | 101,175              | 26,704           | 129,727          | 385.80%          |
| <b>Los Alamos National Laboratory</b>                  | <b>2,405,290</b>     | <b>2,484,741</b> | <b>2,527,889</b> | <b>1.7%</b>      |
| Weapons Activities (NNSA)                              | 1,793,907            | 1,889,815        | 1,967,409        | 4.1%             |
| Directed Stockpile Work                                | 683,924              | 692,467          | 770,398          | 11.3%            |
| Energy Efficiency and Renewable Energy (DOE EERE)      | 18,788               | 12,883           | 3,325            | -74.2%           |
| Nonproliferation (NNSA)                                | 273,530              | 267,119          | 284,922          | 6.7%             |
| Cleanup (DOE EM)                                       | 220,000              | 220,000          | 195,462          | -11.2%           |
| Yucca Mountain and Interim Storage                     | 0                    | 0                | 840              | New              |
| <b>National Energy Technology Lab</b>                  | <b>760,770</b>       | <b>685,290</b>   | <b>612,384</b>   | <b>-10.6%</b>    |
| Energy Efficiency and Renewable Energy (DOE EERE)      | 160,741              | 186,785          | 11,745           | -93.7%           |
| Weapons Activities (NNSA)                              | 32,570               | 20,104           | 31,663           | 57.5%            |
| Directed Stockpile Work                                | 30,128               | 19,071           | 31,113           | 63.1%            |
| Fossil Energy Research and Development (DOE Fossil Fu) | 507,257              | 429,132          | 502,053          | 17.0%            |
| <b>Nevada National Security Site (NNSA)</b>            | <b>451,676</b>       | <b>388,270</b>   | <b>495,049</b>   | <b>27.50%</b>    |
| Weapons Activities                                     | 320,359              | 276,433          | 368,871          | 33.44%           |
| Directed Stockpile Work                                | 52,026               | 30,485           | 57,775           | 89.52%           |
| Nonproliferation                                       | 93,780               | 78,839           | 91,044           | 15.48%           |
| Cleanup  | 37,537               | 32,998           | 91,044           | 175.91%          |
| Yucca Mountain and Interim Storage                     | 0                    | 0                | 40,686           | New              |
| <b>NNSA Albuquerque Complex (NNSA)</b>                 | <b>838,885</b>       | <b>907,323</b>   | <b>658,781</b>   | <b>-27.39%</b>   |
| Weapons Activities                                     | 649,498              | 737,593          | 526,795          | -28.58%          |
| Directed Stockpile Work                                | 319,256              | 417,096          | 328,214          | -21.31%          |
| Secure Transportation Asset                            | 86,922               | 101,421          | 110,163          | 8.62%            |
| Nonproliferation                                       | 174,721              | 154,458          | 116,936          | -24.29%          |
| <b>Oak Ridge National Laboratory</b>                   | <b>1,714,199</b>     | <b>1,766,723</b> | <b>1,376,521</b> | <b>-22.09%</b>   |
| Weapons Activities (NNSA)                              | 59,551               | 60,657           | 43,933           | -27.57%          |
| Directed Stockpile Work                                | 42,515               | 46,807           | 38,700           | -17.32%          |
| Energy Efficiency and Renewable Energy (DOE EERE)      | 166,700              | 124,303          | 39,992           | -67.83%          |
| Science (DOE Science)                                  | 1,030,512            | 1,187,235        | 1,018,529        | -14.21%          |
| Nonproliferation (NNSA)                                | 81,665               | 84,555           | 91,743           | 8.50%            |
| Defense Environmental Cleanup (DOE EM)                 | 256,421              | 206,300          | 106,807          | -48.23%          |
| Yucca Mountain and Interim Storage                     | 0                    | 0                | 1,130            | New              |
| <b>Paducah Gaseous Diffusion Plant</b>                 | <b>286,459</b>       | <b>290,049</b>   | <b>288,950</b>   | <b>-0.38%</b>    |
| Non-Defense Environmental Cleanup (DOE EM)             | 50,345               | 50,345           | 51,450           | 2.19%            |
| Uranium Enrichment Decon. & Decom. Fund (DOE EM)       | 207,255              | 208,102          | 209,309          | 0.58%            |
| <b>Pantex Plant (NNSA)</b>                             | <b>795,296</b>       | <b>825,073</b>   | <b>959,439</b>   | <b>16.29%</b>    |
| Weapons Activities                                     | 791,855              | 817,507          | 950,163          | 16.23%           |
| Directed Stockpile Work                                | 381,312              | 387,562          | 440,968          | 13.78%           |
| Environment, Health, Safety and Security               | 10                   | 10               | 10               | 0.00%            |
| Nonproliferation                                       | 3,431                | 7,556            | 9,266            | 22.63%           |

(All numbers in thousands of US dollars)

**Selected DOE Site Tables (continued)**

|   | <i>FY 2018</i>       | <i>FY 2019</i>   | <i>FY2020</i>    | <i>FY20-FY19</i> |
|---|----------------------|------------------|------------------|------------------|
|   | <i>Total Enacted</i> | <i>Enacted</i>   | <i>Request</i>   | <i>± %</i>       |
| <b>Portsmouth Gaseous Diffusion Plant</b>                   | <b>454,184</b>       | <b>481,506</b>   | <b>431,087</b>   | <b>-10.47%</b>   |
| Non-Defense Environmental Cleanup (DOE EM)                  | 50,959               | 50,959           | 51,623           | 1.30%            |
| Uranium Enrichment Decon. & Decom. Fund (DOE EM)            | 383,066              | 409,769          | 357,674          | -12.71%          |
| <b>Rocky Flats Site</b>                                     | <b>41,259</b>        | <b>36,065</b>    | <b>34,568</b>    | <b>-4.15%</b>    |
| Legacy Management (DOE LM)                                  | 37,370               | 34,065           | 32,668           | -4.10%           |
| Defense Environmental Cleanup (DOE EM)                      | 3,889                | 2,000            | 1,900            | -5.00%           |
| <b>Sandia National Laboratories (NNSA)</b>                  | <b>2,219,792</b>     | <b>2,297,798</b> | <b>2,400,807</b> | <b>4.48%</b>     |
| Weapons Activities  | 1,802,134            | 1,881,170        | 1,990,774        | 5.83%            |
| Directed Stockpile Work                                     | 1,064,834            | 1,184,044        | 1,219,017        | 2.95%            |
| Nonproliferation  | 225,930              | 235,386          | 242,109          | 2.86%            |
| Cleanup   | 2,600                | 2,600            | 2,652            | 2.00%            |
| Yucca Mountain and Interim Storage                          | 0                    | 0                | 35,430           | New              |
| <b>Savannah River Operations Office</b>                     | <b>505,586</b>       | <b>431,458</b>   | <b>439,528</b>   | <b>1.87%</b>     |
| Nuclear Waste Disposal                                      | 0                    | 0                | 1,050            | New              |
| Yucca Mountain and Interim Storage                          | 0                    | 0                | 1,050            | New              |
| Defense Environmental Cleanup (DOE EM)                      | 211,428              | 218,856          | 228,144          | 4.24%            |
| Nonproliferation  | 277,786              | 198,500          | 190,100          | -4.23%           |
| <b>Savannah River Site</b>                                  | <b>1,678,906</b>     | <b>1,816,990</b> | <b>2,232,826</b> | <b>22.89%</b>    |
| Weapons Activities (NNSA)                                   | 290,297              | 300,332          | 604,893          | 101.41%          |
| Directed Stockpile Work (tritium extraction and processing) | 117,676              | 131,713          | 407,553          | 209.43%          |
| Nonproliferation (NNSA)                                     | 87,544               | 140,250          | 79,000           | -43.67%          |
| Cleanup (DOE EM)  | 1,301,065            | 1,376,408        | 1,458,383        | 5.96%            |
| <b>University of Rochester</b>                              | <b>75,000</b>        | <b>80,000</b>    | <b>80,000</b>    | <b>0.00%</b>     |
| Weapons Activities (NNSA; Omega laser)                      | 75,000               | 80,000           | 80,000           | 0.00%            |
| Internal Confinement Fusion Ignition High Yield Cap         | 75,000               | 80,000           | 80,000           | 0.00%            |
| <b>Washington Headquarters</b>                              | <b>4,924,665</b>     | <b>5,692,984</b> | <b>4,791,223</b> | <b>-15.84%</b>   |
| Weapons Activities (NNSA)                                   | 597,916              | 862,904          | 1,253,512        | 45.27%           |
| Directed Stockpile Work                                     | 903,030              | 270,758          | 325,246          | 20.12%           |
| Defense Environmental Cleanup (DOE EM)                      | 147,468              | 121,609          | 86,854           | -28.58%          |
| Nonproliferation (NNSA)                                     | 160,148              | 185,233          | 152,935          | -17.44%          |
| Yucca Mountain and Interim Storage                          | 0                    | 0                | 31,364           | New              |
| <b>Waste Isolation Pilot Plant</b>                          | <b>351,328</b>       | <b>340,797</b>   | <b>363,281</b>   | <b>6.60%</b>     |
| Defense Environmental Cleanup (DOE EM)                      | 344,071              | 330,712          | 353,742          | 6.96%            |
| Nonproliferation (NNSA)                                     | 7,257                | 10,085           | 9,539            | -5.41%           |
| <b>Y-12 National Security Complex (NNSA)</b>                | <b>1,783,045</b>     | <b>1,860,765</b> | <b>1,941,691</b> | <b>4.35%</b>     |
| Weapons Activities  | 1,731,223            | 1,806,836        | 1,889,051        | 4.55%            |
| Directed Stockpile Work                                     | 427,512              | 561,017          | 563,664          | 0.47%            |
| Nonproliferation  | 48,044               | 50,439           | 50,400           | -0.08%           |

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