

**Table A-3. Department of Energy and Energy Research and Development Administration Direct Program Outlays  
(In Millions of 1999 Dollars)**

|   | 1974    | 1975    | 1976    | 1977    | 1978    | 1979    | 1980    | 1981    |
|---|---------|---------|---------|---------|---------|---------|---------|---------|
| Nuclear Program (Civilian Fission related)                  |         |         |         |         |         |         |         |         |
| Nuclear research & development                              | 2,622.0 | 1,143.0 | 1,261.1 | 2,582.0 | 2,405.5 | 2,283.3 | 2,123.5 | 1,993.7 |
| Nuclear safety policy                                       | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| Uranium supply and enrichment activities                    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| Collections (non-federal sources)                           | 0.0     | 1,819.1 | 1,976.3 | 1,843.3 | 2,210.6 | 2,570.5 | 2,161.6 | 2,207.3 |
| Obligations   | 0.0     | 1,730.5 | 2,554.0 | 2,165.2 | 2,669.2 | 2,926.4 | 2,161.9 | 2,533.7 |
| Total Obligations   | 0.0     | -88.6   | 577.7   | 321.9   | 458.5   | 355.9   | 0.3     | 326.3   |
| Nuclear Waste Disposal                                      |         |         |         |         |         |         |         |         |
| Receipts  |         |         |         |         |         |         |         |         |
| Receipts from nuclear elec utilities                        |         |         |         |         |         |         |         |         |
| Net earning on investments                                  |         |         |         |         |         |         |         |         |
| Credits to utilities  |         |         |         |         |         |         |         |         |
| Total receipts for year                                     |         |         |         |         |         |         |         |         |
| Appropriations  |         |         |         |         |         |         |         |         |
| Nuclear Waste Fund  |         |         |         |         |         |         |         |         |
| NRC   |         |         |         |         |         |         |         |         |
| Nuclear Waste Technical Review Board                        |         |         |         |         |         |         |         |         |
| Office of Nuclear Waste Negotiator                          |         |         |         |         |         |         |         |         |
| Decontamination and Decommissioning Fund                    |         |         |         |         |         |         |         |         |
| Total Appropriations  |         |         |         |         |         |         |         |         |
| Total Obligations   |         |         |         |         |         |         |         |         |
| Uranium Enrichment Decontamination and Decommissioning Fund |         |         |         |         |         |         |         |         |
| Receipts  |         |         |         |         |         |         |         |         |
| Assessments, Decontamination and Decommissioning Fund       |         |         |         |         |         |         |         |         |
| Earnings on investments, D&D Fund                           |         |         |         |         |         |         |         |         |
| General Fund payment, Defense, D&D Fund                     |         |         |         |         |         |         |         |         |
| Total receipts for year                                     |         |         |         |         |         |         |         |         |
| Appropriations  |         |         |         |         |         |         |         |         |
| Uranium enrichment and Decontamination Fund                 |         |         |         |         |         |         |         |         |
| Total Appropriations  |         |         |         |         |         |         |         |         |
| Total Obligations   |         |         |         |         |         |         |         |         |

Note: See Appendix A for more detail on sources.

**Table A-3.**

|   | 1982    | 1983    | 1984    | 1985     | 1986    | 1987    | 1988    | 1989    |
|---|---------|---------|---------|----------|---------|---------|---------|---------|
| Nuclear Program (Civilian Fission related)                  |         |         |         |          |         |         |         |         |
| Nuclear research & development                              | 1,811.9 | 1,372.3 | 1,067.1 | 911.9    | 898.5   | 848.4   | 824.0   | 816.2   |
| Nuclear safety policy                                       | 0.0     | 0.0     | 0.0     | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     |
| Uranium supply and enrichment activities                    | 0.0     | 0.0     | 0.0     | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     |
| Collections (non-federal sources)                           | 3,004.7 | 3,082.2 | 3,425.8 | 2,455.3  | 2,349.0 | 1,819.6 | 1,773.2 | 1,686.0 |
| Obligations   | 3,053.5 | 2,690.5 | 2,965.9 | 2,498.2  | 1,479.1 | 1,458.9 | 1,273.6 | 1,711.3 |
| Total Obligations   | 48.8    | -391.7  | -459.9  | 42.9     | -869.9  | -360.7  | -499.6  | 25.3    |
| Nuclear Waste Disposal                                      |         |         |         |          |         |         |         |         |
| Receipts  |         |         |         |          |         |         |         |         |
| Receipts from nuclear elec utilities                        |         | 64.8    | 329.5   | 1,794.8  | 367.8   | 440.8   | 472.1   | 519.2   |
| Net earning on investments                                  |         | 0.0     | 0.0     | -73.7    | 73.4    | 88.7    | 179.8   | 196.0   |
| Credits to utilities  |         |         |         |          |         |         |         |         |
| Total receipts for year                                     |         | 64.8    | 329.5   | 1,721.0  | 441.2   | 529.5   | 651.8   | 715.2   |
| Appropriations  |         |         |         |          |         |         |         |         |
| Nuclear Waste Fund  |         | 184.4   | 317.3   | 327.7    | 494.8   | 499.0   | 360.0   | 369.8   |
| NRC   |         |         |         |          |         |         |         |         |
| Nuclear Waste Technical Review Board                        |         |         |         |          |         |         |         |         |
| Office of Nuclear Waste Negotiator                          |         |         |         |          |         |         |         |         |
| Decontamination and Decommissioning Fund                    |         |         |         |          |         |         |         |         |
| Total Appropriations  |         | 184.4   | 317.3   | 327.7    | 494.8   | 499.0   | 360.0   | 369.8   |
| Total Obligations   |         | 119.6   | -12.2   | -1,393.3 | 53.5    | -30.5   | -291.8  | -345.4  |
| Uranium Enrichment Decontamination and Decommissioning Fund |         |         |         |          |         |         |         |         |
| Receipts  |         |         |         |          |         |         |         |         |
| Assessments, Decontamination and Decommissioning Fund       |         |         |         |          |         |         |         |         |
| Earnings on investments, D&D Fund                           |         |         |         |          |         |         |         |         |
| General Fund payment, Defense, D&D Fund                     |         |         |         |          |         |         |         |         |
| Total receipts for year                                     |         |         |         |          |         |         |         |         |
| Appropriations  |         |         |         |          |         |         |         |         |
| Uranium enrichment and Decontamination Fund                 |         |         |         |          |         |         |         |         |
| Total Appropriations  |         |         |         |          |         |         |         |         |
| Total Obligations   |         |         |         |          |         |         |         |         |

Note: See Appendix A for more detail on sources.

**Table A-3**

|   | 1990    | 1991    | 1992    | 1993    | 1994   | 1995   | 1996   | 1997    |
|---|---------|---------|---------|---------|--------|--------|--------|---------|
| Nuclear Program (Civilian Fission related)                  |         |         |         |         |        |        |        |         |
| Nuclear research & development                              | 425.1   | 361.0   | 430.5   | 361.3   | 364.3  | 404.2  | 261.1  | 243.5   |
| Nuclear safety policy                                       | 0.0     | 7.1     | 14.6    | 0.0     | 16.1   | 16.4   | 13.8   | 0.0     |
| Uranium supply and enrichment activities                    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0     |
| Collections (non-federal sources)                           | 1,636.8 | 1,417.0 | 1,991.1 | 971.3   | 78.7   | 10.8   | 37.0   | 43.9    |
| Obligations   | 1,735.4 | 1,618.5 | 1,508.0 | 1,168.4 | 361.3  | 99.4   | 94.4   | 62.4    |
| Total Obligations   | 98.6    | 201.5   | -483.1  | 197.0   | 282.7  | 88.6   | 57.4   | 18.5    |
| Nuclear Waste Disposal                                      |         |         |         |         |        |        |        |         |
| Receipts  |         |         |         |         |        |        |        |         |
| Receipts from nuclear elec utilities                        | 576.1   | 605.2   | 603.5   | 596.9   | 396.6  | 597.0  | 634.0  | 596.0   |
| Net earning on investments                                  | 160.8   | 241.0   | 268.2   | 296.1   | 187.7  | 242.0  | 208.0  | 471.0   |
| Credits to utilities  |         |         | -29.3   | -160.0  |        |        |        |         |
| Total receipts for year                                     | 737.0   | 846.3   | 842.4   | 733.0   | 584.3  | 839.0  | 842.0  | 1,067.0 |
| Appropriations  |         |         |         |         |        |        |        |         |
| Nuclear Waste Fund  | 295.2   | 242.8   | 275.1   | 275.1   | 250.0  | 375.0  | 151.0  | 182.0   |
| NRC   | 22.9    | 19.7    | 20.0    | 21.1    | 22.0   | 22.0   | 11.0   | 11.0    |
| Nuclear Waste Technical Review Board                        | 2.0     |         | 3.3     | 2.1     | 2.2    | 3.0    | 3.0    | 3.0     |
| Office of Nuclear Waste Negotiator                          | 2.0     |         |         |         |        |        |        |         |
| Decontamination and Decommissioning Fund                    |         |         | 7.5     |         |        |        |        |         |
| Total Appropriations  | 322.0   | 262.5   | 305.8   | 298.2   | 274.2  | 400.0  | 165.0  | 196.0   |
| Total Obligations   | -415.0  | -583.8  | -536.6  | -434.8  | -310.1 | -439.0 | -677.0 | -871.0  |
| Uranium Enrichment Decontamination and Decommissioning Fund |         |         |         |         |        |        |        |         |
| Receipts  |         |         |         |         |        |        |        |         |
| Assessments, Decontamination and Decommissioning Fund       |         |         |         |         | 172.5  | 160.0  | 160.0  | 165.0   |
| Earnings on investments, D&D Fund                           |         |         |         |         | 4.4    | 24.0   | 20.0   | 37.0    |
| General Fund payment, Defense, D&D Fund                     |         |         |         |         | 129.8  | 134.0  | 350.0  | 377.0   |
| Total receipts for year                                     |         |         |         |         | 306.8  | 318.0  | 530.0  | 579.0   |
| Appropriations  |         |         |         |         |        |        |        |         |
| Uranium enrichment and Decontamination Fund                 |         |         |         |         | 286.3  | 349.0  | 317.0  | 180.0   |
| Total Appropriations  |         |         |         |         | 286.3  | 349.0  | 317.0  | 180.0   |
| Total Obligations   |         |         |         |         | -20.4  | 31.0   | -213.0 | -399.0  |

Note: See Appendix A for more detail on sources.

**Table A-3**

|  | <b>1998</b> | <b>1999</b> | <b>Total</b> |
|--|-------------|-------------|--------------|
| <b>Nuclear Program (Civilian Fission related)</b>                  |             |             |              |
| Nuclear research & development                                     | 231.5       | 326.0       | 28,372.9     |
| Nuclear safety policy  | 0.0         | 0.0         | 68.1         |
| Uranium supply and enrichment activiti                             | 0.0         | 0.0         | 0.0          |
| Collections (non-federal sources)                                  | 0.0         | 0.0         | 40,571.1     |
| Obligations  | 0.0         | 0.0         | 40,519.7     |
| Total Obligations  | 0.0         | 0.0         | -51.4        |
| <b>Nuclear Waste Disposal</b>                                      |             |             |              |
| <b>Receipts</b>  |             |             |              |
| Receipts from nuclear elec utilities                               | 602.0       | 625.0       | 9,821.4      |
| Net earning on investments   | 450.0       | 507.0       | 3,496.0      |
| Credits to utilities   |             |             | -189.3       |
| Total receipts for year  | 1,052.0     | 1,132.0     | 13,128.1     |
| <b>Appropriations</b>  |             |             |              |
| Nuclear Waste Fund   | 156.0       | 190.0       | 4,945.2      |
| NRC  | 15.0        | 19.0        | 183.6        |
| Nuclear Waste Technical Review Boa                                 | 3.0         | 3.0         | 24.5         |
| Office of Nuclear Waste Negotiator                                 |             |             | 2.0          |
| Decontamination and Decommissioning Fund                           |             |             | 7.5          |
| Total Appropriations   | 174.0       | 212.0       | 5,162.7      |
| Total Obligations  | -878.0      | -920.0      | -7,965.4     |
| <b>Uranium Enrichment Decontamination and Decommissioning Fund</b> |             |             |              |
| <b>Receipts</b>  |             |             |              |
| Assessments, Decontamination and [                                 | 148.0       | 179.0       | 984.5        |
| Earnings on investments, D&D Fund                                  | 56.0        | 73.0        | 214.4        |
| General Fund payment, Defense, D&E                                 | 388.0       | 398.0       | 1,776.8      |
| Total receipts for year  | 592.0       | 650.0       | 2,975.8      |
| <b>Appropriations</b>  |             |             |              |
| Uranium enrichment and Decontaminæ                                 | 214.0       | 260.0       | 1,606.3      |
| Total Appropriations   | 214.0       | 260.0       | 1,606.3      |
| Total Obligations  | -378.0      | -390.0      | -1,369.4     |

Note: See Appendix A for more detail on sources.