In order to consolidate related isotope production activities, $1,400,000 for the Test Reactor Area Hot Cells has been transferred from nuclear energy research and development to the isotope support program and included within available funds.

The Committee is concerned about the level of administrative oversight supporting the Isotopes Support program. Accordingly, the Committee recommendation includes $1,000,000 for program direction, a reduction of $700,000 from the budget request of $1,700,000.

Termination Costs.—The National Academy of Sciences' Committee on "Electrometallurgical Techniques for DOE Spent Fuel Treatment" concluded that electrometallurgical techniques being developed at the Argonne National Laboratory could represent a sufficiently promising technology for treating a variety of DOE spent fuels and warrant continued research and development. In order to preserve the unique capabilities of the assets at Argonne-West, activities related to bringing EBR–II to a safe and stable configuration may proceed, but such activities must leave the Argonne-West facilities, including EBR–II, capable of later utilization.

General Reduction.—Due to severe budget constraints, the Committee has included a general reduction of $8,000,000 to be applied equally among all program activities.

CIVILIAN WASTE RESEARCH AND DEVELOPMENT

Due to severe budget constraints, the Committee has not provided the requested funding of $699,000 for this program in fiscal year 1996.

ENVIRONMENT, SAFETY AND HEALTH

The Committee recommendation of $128,433,000 is $38,326,000 less than the budget request of $166,759,000. Much criticism has been heard regarding excessive compliance reviews and audits of field facilities and laboratories. With the reduction in funding resources, the Committee expects the Department to make every effort to coordinate reviews and eliminate excessive oversight by headquarters and field organizations, and to reduce the use of support service contract employees to perform federal functions.

ENERGY RESEARCH PROGRAMS

BIOLOGICAL AND ENVIRONMENTAL RESEARCH

The Committee recommendation of $379,645,000 is $52,019,000 less than the budget request of $431,664,000.

The Committee recognizes that there exists a critical need to develop the appropriate and effective technology to support the Department's environmental remediation activities. The Department is encouraged to use the expertise and scientific achievements of the Energy Research programs and the national laboratories to address the environmental cleanup technology issues.

Within available funding, the Committee supports the National Institute for Global Environmental Change.

The Committee encourages the Department to support research in the development and shared use of high MR instruments for the

study of brain function in centers where these research efforts can lead to improved diagnosis and treatment of the mentally ill.

The Committee is pleased to note the progress that has been made with the Centers of Excellence for Laser Medical Applications. It is apparent that the competitive edge has been maintained, the U.S. citizens are benefiting from this cost-effective technology. Therefore, the Committee recommends that funding for the work of these Centers remain at the current level of $1,500,000.

Due to budget constraints, the Committee recommendation includes $40,000,000 for the Environmental Molecular Sciences Laboratory which is the same as fiscal year 1995, and $10,000,000 less than the budget request.

FUSION PROGRAM

The Committee recommendation for the fusion program is $229,144,000, a decrease of $136,901,000 from the budget request of $366,045,000.

Given the mandate to reduce the budget deficit, the Committee is not able to provide funding to support the direction of the fusion energy program as requested by the Department. It will be necessary for the Department to develop a revised program strategy for fusion energy at a much reduced funding level. Budget realities dictate that future funding will not be available to pursue the course envisioned by the Department's budget request which included funding both the International Thermal Experimental Reactor and the Tokamak Physics Experiment project.

The fusion program is currently being reviewed by the President's Council on Science and Technology, but results of this review are not yet available. With the funding provided in fiscal year 1996, the Committee expects the Department to propose a fusion program which supports advancement of key research areas and exploration of alternatives at a much smaller scale in laboratories and universities. This plan should be developed in consultation with the fusion community and Congress, but with the understanding that future funding levels are unlikely to increase and could well decrease below the fiscal year 1996 recommendation. The Department should also to the extent possible make effective use of the investment in existing facilities.

BASIC ENERGY SCIENCES

The Committee recommendation for Basic Energy Sciences is $792,661,000, a decrease of $18,758,000 from the budget request of $811,419,000.

The Committee acknowledges the important and essential contributions of the Department in the Nation's basic science and research programs. The collaboration between the national labs and the university community has provided the foundation for scientific breakthroughs and achievements in energy-related research. To continue this progress, the Committee recommendation strongly supports the budget request to enhance the utilization of the Department's fundamental science and user facilities.

The Committee recommendation includes $7,000,000 to continue the Department's Experimental Program to Stimulate Competitive Research (EPSCoR) program at the fiscal year 1995 level.

Within available funds, $1,000,000 is provided to fund peer-reviewed research on the potential energy applications of sonoluminescence. Sonoluminescence is an effect in which highly concentrated sound waves in liquids generate very short bursts of light from bubbles in the liquid. Calculations have suggested the possibility of its use in inertial fusion applications.

The Midwest Superconductivity Consortium is continued at the fiscal year 1995 funding level of $3,200,000.

The Committee has included the budget request of $8,000,000 for research and design and conceptual design activities for a spallation neutron source. The preferred alternative site for the spallation source is the Oak Ridge National Laboratory in Tennessee to maximize the use of the expertise already developed through preparation of the advanced neutron source design and to take advantage of the laboratory's experience in operating particle accelerators and conducting neutron scattering research.

OTHER ENERGY RESEARCH PROGRAMS

Other energy research programs such as energy research analyses, laboratory technology transfer, advisory and oversight, multiprogram energy laboratory support, and policy and management are funded in this section. The Committee recommendation for Other Energy Research programs is $45,256,000, a decrease of $79,979,000 from the budget request of $125,235,000.

No funding has been provided for the Laboratory Technology Transfer program. Technology transfer activities in energy research should be funded only to the extent that they directly support ongoing energy research programs and can compete for direct program funding.

The Committee recommendation for the Advisory and Oversight program is reduced as a result of redundant environmental, safety and health departmental oversight and the termination of the laboratory technology transfer activities.

The Committee supports the budget request for the construction projects in the Multiprogram Energy Laboratories program. The capital equipment and general plant projects accounts are merged with the Energy Research program that is supported by the specific capital items.

ENERGY SUPPORT ACTIVITIES

The Committee recommendation for Energy Support Activities is $12,000,000, a decrease of $92,810,000 from the budget request of $104,810,000.

Due to severe budget constraints, the Committee recommendations does not include funding for the University and Science Education programs. It is recognized that certain educational activities, such as graduate fellowships and intern programs, are a direct byproduct of the line programs and are, therefore, included in the budget request of those programs. Those educational activities that are an integral part of program activities should be continued within existing program funds.

The Committee recommendation for the Technical Information Management program is $12,000,000, a reduction of $5,450,000

from the budget request of $17,450,000 due to severe budget constraints.

Due to the significant reduction in funding for technology transfer activities throughout the Department, the Committee recommendation does not include funds for a separate Technology Partnership organization.

The In-house Energy Management program has been in existence over twenty years. The Committee recognizes the success of the Department's efforts to incorporate energy efficiency provisions into the operations of its facilities. After twenty years, it appears that energy efficiency is an integral part of the operating philosophy of the Department's facilities; therefore, the Committee does not see the need for a separate funding source for these alternatives.

ENVIRONMENTAL RESTORATION AND WASTE MANAGEMENT

(NON-DEFENSE)

The Committee recommendation of $626,541,000 is a decrease of $86,449,000 from the budget request of $712,990,000.

The Committee recommendation includes $15,998,000 to continue the Maywood, New Jersey project, and $6,080,000 for the Wayne, New Jersey project, as contained in the budget request for the Formerly Utilized Sites Remedial Action Program.

From within available funds, the Committee recommendation is to continue the support of the University Research Program in robotics at $3,500,000.

Due to the relationship between corrective activities and waste management, the operating expenses for corrective activities have been combined with waste management. In addition, beginning in fiscal year 1997 all new corrective activities construction projects should be included in the waste management program.

FUNDING ADJUSTMENTS

The Department proposed to use $79,300,000 of prior year balances to offset current year funding requirements and $50,000,000 to be achieved by implementing savings recommended by the Galvin Task Force. The Committee recommendation includes the use of prior year balances, but not the undistributed general reduction. Specific program reductions have been taken which will reflect savings from implementing recommendations of the Galvin Task Force.

RECOMMENDATION SUMMARY

Details of the Committee's recommendations are included in the table at the end of this title.

URANIUM SUPPLY AND ENRICHMENT ACTIVITIES

Gross Appropriation:	
Appropriation, 1995	$63,310,000
Budget Estimate, 1996	42,292,000
Recommended, 1996	29,294,000
Comparison:	
Appropriation, 1995	−34,016,000
Budget Estimate, 1996	−12,998,000

Due to severe budget constraints, the Committee recommends a reduction of $10,000,000 from the budget request of $288,807,000. However, the recommendation includes full funding of $42,000,000 to implement the reimbursement for disposal of mill tailings in accordance with title X, subtitle A, of the Energy Policy Act of 1992.

The Administration proposed legislation to collect fees from foreign utilities similar to the decontamination and decommissioning fund assessment that is being collected from domestic utilities. This proposed language has not been included by the Committee.

General Science and Research Activities

Appropriation, 1995	$984,031,000
Budget Estimate, 1996	1,017,530,000
Recommended, 1996	991,000,000
Comparison:	
Appropriation, 1995	+6,969,000
Budget Estimate, 1996	−26,530,000

The General Science and Research Activities programs are concerned with understanding the nature of matter and energy and the fundamental forces and particles of nature. The knowledge acquired in this basic research is an essential part of the intellectual foundation of other scientific disciplines and technical permits. Deeper understanding correspondingly contributes to all of the scientific disciplines and to our Nation's technological base. The General Science and Research Activities programs are organized into two interrelated scientific programs, high energy physics and nuclear physics. While these programs are not directly associated with energy technology in the near- or mid-term, they support basic research whose aim is to provide new knowledge which is expected to have long-term scientific and technological impacts on energy development and utilization and on other aspects of our society.

The Committee's funding recommendation for General Science and Research Activities reflects the continued role of the federal government in fundamental scientific research where research is not market-driven and is difficult for the private sector to conduct. The Committee strongly supports the budget request for the Scientific Facilities Utilization Initiative to enhance and increase the use of fundamental science and user facilities, but due to severe funding constraints, has found it necessary to reduce the overall budget request. It is the Committee's hope that Congressional actions such as merging operating and capital funding along with a lessening of departmental internal regulations and oversight reviews will compensate in part for this reduction.

As described in the introductory section of this report, operating and capital funding requests have been merged to permit more effective operation of the research facilities and laboratories. The Committee recommendation reflects redistribution of the capital equipment, general plant projects, and accelerator improvements projects funding to the appropriate program accounts.

Due to budget constraints, the Committee recommendation for high energy physics is $677,000,000, a reduction of $8,552,000 from the budget request of $685,552,000. The recommendation for nuclear energy physics is $304,500,000, a reduction of $16,578,000

from the budget request of $321,078,000. Funding for program direction has been reduced to $9,500,000 from the request of $10,900,000.

Departmental changes in internal regulations and a reduction in the level of oversight and compliance audits should permit laboratories and facilities to reduce the number of personnel and resources needed to respond to requests from external oversight organizations. The Committee expects a good faith effort on the part of facility managers in doing their share to reduce administrative overhead and unnecessary costs as funding for the program activities will continue to be constrained.

SUMMARY RECOMMENDATIONS

Details of the Committee's recommendations are included in the table at the end of this title.

NUCLEAR WASTE DISPOSAL FUND

Appropriation, 1995	$392,800,000
Budget Estimate, 1996	
Recommended, 1996	226,600,000
Comparison:	
Appropriation, 1995	−166,200,000
Budget Estimate, 1996	+226,600,000

The Nuclear Waste Policy Act of 1992 and the Nuclear Waste Policy Act Amendments of 1987 authorize a waste management system for the disposal of spent nuclear fuel and high-level radioactive waste from commercial and atomic energy defense activities. These laws establish the Nuclear Waste Disposal Fund to finance disposal activities through the collection of fees from the owners and generators of nuclear waste. The Committee recommends $226,600,000 to be derived from the Fund in fiscal year 1996. Combined with the appropriation to the Defense Nuclear Waste Disposal account, a total of $425,000,000 will be available for program activities in fiscal year 1996.

The Committee notes with disappointment and frustration that the President's request is wholly inadequate to support the waste disposal program developed by the Office of Civilian Radioactive Waste Management. The Committee further notes that the Administration's assumption that Congress would immediately enact legislation providing for a mandatory Nuclear Waste Fund appropriation, financed by receipts from the sale of the federal government's uranium enrichment enterprise, was fundamentally unrealistic.

The Committee is convinced that if the Administration were serious about solving our Nation's spent fuel problem, and if it were committed to the civilian waste disposal program of the Department of Energy, then it would have requested sufficient discretionary budgetary authority to pursue that program. This should not have been difficult, given the budget's inattention to the imperative of deficit reduction.

The Department, however, has apparently determined that the problem of nuclear waste disposal is of insufficient consequence to successfully compete for funding with other discretionary programs within the Department's jurisdiction. The Committee, on the other hand, recognizes the urgency of the problem and has discharged its

DEPARTMENT OF ENERGY (IN THOUSANDS OF DOLLARS)

	Current Year Estimates	Budget Request	Committee Bill
Test reactor area landlord	1,900	1,370	2,000
Construction			
GP-N-102 General plant projects, Idaho National Engineering Laboratory, ID	730	730	---
96-E-201 Test reactor area fire and life safety improvements, Idaho National Engineering Laboratory, ID	1,700	1,800	1,900
Subtotal, Construction	2,900	2,530	1,900
Subtotal, Test reactor area landlord	4,800	4,000	3,900
Advanced test reactor fusion irradiation	3,800	2,303	2,303
University reactor fuel assistance and support	---	6,130	3,900
Total, Nuclear energy R&D	203,128	191,895	184,340
Termination costs	84,000	79,000	73,000
Construction			
GPN-102 General plant projects	2,800	1,000	---
96-E-207 Modifications to reactors, experimental breeder reactor - II sodium processing facility Argonne National Laboratory-West, ID	1,500	1,700	1,700
92-E-200 Modifications to reactors, experimental breeder reactor-II fuel handling major maintenance, Argonne National Laboratory-West, ID	2,500	---	---
Subtotal, Construction	6,500	2,700	1,700
Total, Terminations costs	70,500	81,700	74,700
Isotope support	19,600	25,358	24,858
Soviet designed reactor safety	---	78,754	---
Russian replacement power initiative	---	5,000	---
General reduction	---	---	-8,000
TOTAL, NUCLEAR ENERGY	283,228	382,817	266,898
CIVILIAN WASTE RESEARCH AND DEVELOPMENT			
Spent fuel storage R&D	593	589	---
Program direction	110	110	---
TOTAL, CIVILIAN WASTE RESEARCH AND DEVELOPMENT	703	699	---
ENVIRONMENT, SAFETY AND HEALTH			
Environment, safety and health	128,740	148,578	114,933
Nuclear safety policy	17,180	17,180	13,500
TOTAL, ENVIRONMENT, SAFETY AND HEALTH	145,920	166,759	128,433
ENERGY RESEARCH			
Biological and environmental research			
Biological and environmental research R&D	366,622	387,018	320,050
Construction			
GP-E-128 General plant projects	3,500	4,460	---
94-E-337 Advanced light source structural biology support facility, LBL	4,700	2,500	2,500
94-E-338 Structural biology center, ANL	6,700	4,295	4,295
94-E-339 Human genome lab, LBL	15,800	5,700	6,700
91-EN-100 Environmental & molecular sciences laboratory, PNL, Richland, WA	40,000	50,000	40,000
Subtotal, Construction	70,700	67,045	53,995
Subtotal, Biological & environ. research R&D	437,322	434,064	372,645
SBIR program direction	7,500	7,500	7,000
Total, Biological and environmental research	444,822	441,564	379,645
Fusion energy	370,563	311,948	229,144
Construction			
GPE-500 General plant projects, var. locations	2,000	1,000	---
96-E-310 Elise project	---	3,200	---
94-E-300 Tokamak physics experiment, Princeton plasma physics laboratory	---	48,900	---
Subtotal, Construction	2,000	54,100	---
Total, Fusion energy	372,563	366,048	229,144

DEPARTMENT OF ENERGY (IN THOUSANDS OF DOLLARS)

	Current Year Estimates	Budget Request	Committee Bill
Basic energy sciences			
Materials sciences	275,721	348,287	388,400
Chemical sciences	183,813	181,888	196,400
Applied mathematical sciences	106,367	108,888	118,500
Engineering and geosciences	36,837	38,953	41,700
Advanced energy projects	11,085	12,026	12,300
Energy biosciences	28,887	28,534	30,300
Program direction	8,800	10,000	8,500
Capital equipment	41,837	58,973	---
Construction			
GPE-400 General plant projects	4,500	8,314	---
96-E-300 Accelerator and reactor improvements and modifications, various locations	---	12,883	10,475
95-E-305 Accelerator improvement projects	7,500	---	---
89-R-402 6-7 GeV syn. radiation source, ANL	58,379	3,188	3,188
97-R-406 Combustion research facility, Phase II, SNL/L	---	2,000	2,000
Subtotal, Construction	70,279	24,383	15,661
Total, Basic energy sciences	747,266	811,418	782,661
Other energy research			
Advanced neutron source	21,000	---	---
Energy research analyses	3,531	3,483	3,483
Laboratory technology transfer	57,813	58,775	---
Advisory and oversight	12,460	9,780	6,200
Policy and management	2,200	2,200	2,200
Multiprogram energy labs - facility support			
Multiprogram general purpose facilities	6,382	6,382	---
Construction			
GPE-801 General plant projects	8,740	8,740	---
96-E-301 Central heating plant rehabilitation, phase I (ANL)	1,307	2,500	2,500
95-E-302 Applied science center, phase I (BNL)	600	3,270	3,270
95-E-303 Electrical safety rehab (PNL)	240	1,500	1,500
95-E-310 Multiprogram laboratory rehabilitation, phase I (PNL)	400	2,740	2,740
94-E-351 Fuel storage and transfer facility upgrade (BNL)	2,479	440	440
94-E-363 Roofing improvements (ORNL)	3,000	2,038	2,038
93-E-313 Electrical system upgrade, phase II (ANL)	2,043	---	---
93-E-326 Potable water system upgrade, phase I (BNL)	1,883	---	---
92-E-322 East canyon electrical safety project (LBL)	1,000	---	---
92-E-324 Safety compliance modifications 326 building (PNL)	1,800	---	---
Subtotal, Construction	23,572	21,228	12,488
Subtotal, Multiprogram gen. purpose facilities	29,954	27,610	12,488
Environment, safety and health	8,507	8,857	8,856
Construction			
96-E-330 Building electrical service upgrade Phase I, Argonne National Laboratory Argonne, Illinois	---	1,200	---
96-E-331 Sanitary sewer restoration, Phase I, Lawrence Berkeley Laboratory, Berkeley, CA	---	2,400	---
96-E-332 Building 801, renovations Brookhaven National Laboratory, Upton, New York	---	800	---
95-E-333 Multiprogram energy laboratories upgrades, various locations	---	---	4,400
95-E-307 Fire Safety imp. III (ANL)	210	1,000	1,000
95-E-308 Sanitary system mods. II (BNL)	980	1,840	1,840
95-E-309 Loss prevention upgrades (BNL)	800	2,480	2,480
93-E-316 Roof replacement, phase I (BNL)	100	---	---
93-E-317 Life safety code compliance (PNL)	606	---	---
93-E-320 Fire and safety improvements, phase II (ANL)	1,500	2,411	2,411
92-E-323 Fire and safety systems upgrade phase I (LBL)	2,000	1,130	1,130

DEPARTMENT OF ENERGY (IN THOUSANDS OF DOLLARS)

	Current Year Estimates	Budget Request	Committee Bill
93-E-324 Hazardous materials safeguards, phase I (LBL)	1,862	1,288	1,288
Subtotal, Construction	7,836	14,249	14,249
Subtotal, Environment, safety and health	14,245	22,906	30,906
Inactive and surplus facilities	500	500	---
Subtotal, Multiprogram energy labs - fac. suppor	44,788	51,018	33,382
Total, Other energy research	141,489	128,238	46,286
TOTAL, ENERGY RESEARCH	1,788,174	1,734,383	1,446,706
ENERGY SUPPORT ACTIVITIES			
University and science education programs			
Laboratory cooperative science centers	35,848	30,038	---
University programs	17,377	17,377	---
University reactor fuel assistance	3,730	---	---
University research instrumentation	8,647	8,647	---
Program direction	2,844	2,388	---
Total, University and science education programs	88,844	85,418	---
Technical information management program	16,315	15,950	11,000
Construction	1,000	1,500	1,000
Total, Technical information management program	16,315	17,450	12,000
Technology partnership	---	8,163	---
In-house energy management	8,530	15,664	---
Construction			
IHE - 500 Modifications for energy mgmt	24,700	19,135	---
Total, In-house energy management	31,380	39,799	---
TOTAL, ENERGY SUPPORT ACTIVITIES	113,108	134,810	12,000
ENVIRONMENTAL RESTORATION & WASTE MGMT. (NON-DEFENSE)			
Corrective activities	600	1,066	---
Construction			
92-E-601 Melton Valley liquid low level waste collection and transfer system upgrade, ORNL	9,100	339	339
88-R-830 Liquid low level waste collection and transfer system upgrade, ORNL	17,000	4,000	4,000
Subtotal, Construction	26,100	4,339	4,339
Total, Corrective activities	26,700	5,404	4,339
Environmental restoration	388,186	417,758	368,400
Waste management	215,288	198,127	178,696
Construction			
01-E-600 General plant projects	2,040	2,212	---
96-E-601 Radioactive waste handling facility, PPPL	1,937	---	---
94-E-601 Waste handling building, Fermilab	2,500	---	---
94-E-602 Bethel Valley federal facility agreement upgrades, ORNL	7,000	300	300
93-E-632 Laboratory floor drain collection system upgrades, BNL	571	---	---
93-E-633 Upgrade sanitary sewer system, ORNL	4,000	---	---
93-E-900 Long-term storage of TMI-2 fuel, INEL	4,510	4,048	4,048
91-E-306 Waste management facility project, BNL	5,180	---	---
91-E-600 Rehabilitation of waste management building 300, ANL	---	787	787
91-E-902 Hazardous, radioactive and mixed waste storage facility, ANL	3,900	---	---
88-R-812 Hazardous waste handling facility, LBL	638	871	871
Subtotal, Construction	32,348	8,018	5,906
Total, Waste management	247,881	206,145	183,702
Nuclear materials and facilities stabilization	74,576	83,683	72,100
TOTAL, ENVIRONMENTAL RESTORATION AND WASTE MGMT	744,041	712,990	626,541
Subtotal, Energy supply, research and development	3,388,283	3,626,626	2,691,000

DEPARTMENT OF ENERGY (IN THOUSANDS OF DOLLARS)

	Current Year Estimate	Budget Request	Committee Bill
Use of prior year balances	-35,583	-78,300	-78,300
General reduction, ESRAD	-22,290	---	-18,000
Productivity savings	-4,000	---	---
Procurement reform/SBA rent reduction	-12,772	---	---
Galvin task force reductions	---	-50,000	---
TOTAL, ENERGY SUPPLY, RESEARCH AND DEVELOPMENT	2,314,848	2,396,535	2,666,700
URANIUM SUPPLY AND ENRICHMENT ACTIVITIES			
Uranium program activities	70,893	93,600	80,700
Construction			
GP-H-501 General plant projects	250	---	---
96-U-200 UF6 cylinders refurbishment facility, Paducah, Kentucky gaseous diffusion plants	---	5,800	5,800
93-U-200 UF6 cylinders and storage yards, Paducah, KY and Portsmouth, OH gaseous diffusion plants	2,482	3,400	3,400
91-U-200 Safeguards and security upgrading, Portsmouth, OH gaseous diffusion plant	700	---	---
95-H-501 UF6 cylinders and storage yards, Paducah, KY and Portsmouth, OH gaseous diffusion plants	700	---	---
Subtotal, Construction	4,132	9,200	9,200
Subtotal, Uranium supply & enrichment activities	86,886	102,800	89,900
Revenues - Sales	-9,500	-34,903	-34,903
Use of prior year balances	-18,868	-25,703	-25,703
TOTAL, URANIUM SUPPLY AND ENRICHMENT ACTIVITIES	68,810	42,292	29,294
URANIUM ENRICHMENT DECONTAMINATION AND DECOMMISSIONING FUND			
Decontamination and Decommissioning Fund	301,327	288,807	276,807
GENERAL SCIENCE AND RESEARCH			
High energy physics			
Physics research	136,940	147,188	146,000
Facility operations	333,174	338,457	358,077
Construction			
GP-E-103 General plant projects, various locations	12,148	13,845	---
96-G-301 Accelerator improvement projects, various locations	---	9,800	---
95-G-301 Accelerator improvement projects, VL	12,515	---	---
94-G-304 B-Factory, SLAC	44,000	52,000	52,000
92-G-302 Fermilab main injector, Fermilab	43,000	52,000	52,000
Subtotal, Construction	111,661	127,645	104,000
Subtotal, Facility operations	444,835	467,102	462,077
High energy technology	86,182	87,370	88,823
Other capital equipment	5,026	3,028	---
Total, High energy physics	686,690	686,552	677,000
Nuclear physics	264,771	236,448	231,826
Construction			
GP-E-300 General plant projects, various locations	3,900	4,765	---
96-G-302 Accelerator improvements and modifications, various locations	---	4,875	2,575
95-G-302 Accelerator improvements & mods., VL	3,200	---	---
91-G-300 Relativistic heavy ion collider, BNL	70,000	70,000	70,000
87-R-203 Continuous electron beam accelerator facility, Newport News, VA	1,000	---	---
Subtotal, Construction	78,100	78,780	72,575
Other capital equipment	1,870	1,870	---
Total, Nuclear physics	334,741	321,878	304,500

DEPARTMENT OF ENERGY (IN THOUSANDS OF DOLLARS)

	Current Year Estimate	Budget Request	Committee Bill
General science program direction	10,400	10,800	9,500
Subtotal, General science	982,031	1,017,336	991,000
General reduction	-5,000	---	---
Procurement reform/GSA rent reduction	-3,000	---	---
TOTAL, GENERAL SCIENCE AND RESEARCH	964,031	1,017,336	991,000
ATOMIC ENERGY DEFENSE ACTIVITIES			
WEAPONS ACTIVITIES			
Stockpile stewardship			
Core stockpile stewardship	960,570	1,016,903	1,028,403
Construction			
00D-101 General plant projects, various locations	8,500	12,500	---
96-D-102 Stockpile stewardship facilities revitalization, Phase VI, various locations	---	2,520	2,520
96-D-103 ATLAS, Los Alamos National Laboratory	---	8,400	8,400
96-D-104 Process and environmental technology Laboratory, SNL	---	1,800	1,800
96-D-106 Contained firing facility addition, LLNL	---	6,500	---
95-D-102 Chemistry and metallurgy research (CMR) upgrades project, LANL	3,300	9,940	9,940
94-D-102 Nuclear Weapons Research, development and testing facilities revitalization Phase V, various locations	19,000	12,200	12,200
93-D-102 Nevada support facility, NV	17,000	15,850	15,850
92-D-102 Nuclear weapons research, development, and testing facilities revitalization, phase IV, various locations	21,810	---	---
90-D-102 Nuclear Weapons Research, Development and testing facilities revitalization, Phase III, various locations	4,900	6,200	6,200
88-D-106 Nuclear weapons research, development and testing facilities revitalization, Phase II, various locations	20,980	17,995	17,995
Subtotal, Construction	88,490	93,805	74,705
Subtotal, Core stockpile stewardship	1,050,060	1,109,708	1,103,108
Inertial fusion	176,473	203,267	213,267
Construction			
96-D-111 National ignition facility, TBD	---	37,400	---
Subtotal, Inertial fusion	176,473	240,667	213,267
Technology transfer/education			
Technology transfer	215,794	228,408	25,000
Education	20,000	20,000	---
Subtotal, Technology transfer/education	235,794	248,408	25,000
Marshall Island/Dose reconstruction	7,000	5,800	5,800
Total, Stockpile stewardship	1,469,327	1,606,583	1,349,175
Stockpile management	1,848,848	1,788,488	1,808,488
Construction			
Stockpile support facilities			
00D-121 General plant projects, various loc	1,000	10,000	---
96-D-123 Replacement transportation safeguards division aviation facility, Albuquerque, NM	2,000	---	---
Subtotal, Stockpile support facilities	3,000	10,000	---
Production base			
96-D-122 Facilities capability assurance program (FCAP), various locations	14,820	8,660	8,660
96-D-126 Tritium loading line modifications, Savannah River Site, SC	---	---	12,200
Subtotal, Production base	14,820	8,660	20,860
Environmental, safety and health			
96-D-122 Sewage treatment quality upgrade (STQU) Pantex plant	---	500	500
96-D-123 Retrofit HVAC and chillers, for Ozone protection Y-12 plant	---	3,100	3,100
95-D-122 Sanitary sewer upgrade, Y-12 plant	2,200	6,300	6,300
94-D-124 Hydrogen fluoride supply system, Y-12 plant	8,300	8,700	8,700