ENERGY RESEARCH PROGRAMS

BIOLOGICAL AND ENVIRONMENTAL RESEARCH

Appropriations, 1996	$419,486,000
Budget estimate, 1997	379,075,000
Committee recommendation	389,075,000

This program has two main objectives: (1) to develop the knowledge base necessary to identify, understand, and anticipate the long-term health and environmental consequences of energy use and development; and (2) to utilize the Department's unique scientific and technological capabilities to solve major scientific problems in medicine and biology.

The Committee is aware of the serious environmental threats facing the Arctic and Bering Sea ecosystem that supports the fishery resources of great importance to the Nation. Accordingly, the Committee strongly supports the atmospheric radiation measurement [ARM] program and the establishment of the third ARM site on the North Slope of Alaska. The Committee recommendation includes the amount of the budget request, $54,267,000, for climate and hydrology to ensure the timely completion of the ARM site on the North Slope of Alaska.

The Committee recommendation includes $10,000,000 for the final phase of the Biomedical Information Communication Center at the Oregon Health Sciences University. The data base resulting from the project will be used to track the efficacy and effect of medical treatments, and assist in research efforts associated with the long-term effects of low-level exposure to potential environmental hazards such as radiation or electromagnetic fields.

The Human Genome Program represents one of the most important and ambitious biological research efforts being pursued by the Department of Energy. The human genome contains about 3 billion DNA bases and some 80,000 genes, of which approximately 2 million DNA bases have already been sequenced. Considering the long-term benefits of this research project on human health and the development of new medical applications, the Committee continues its strong support of this program, and has provided the full budget request in the Committee's recommendation.

The Committee fully supports the important work conducted at the Inhalation Toxicology Research Institute and the efforts by the Department to privatize the Institute in a manner that preserves its important capability, reduces costs to the Government, and enhances the Institute's long-term availability to meet Federal and non-Federal research needs. The Committee encourages the Department to complete the privatization in fiscal year 1997.

The Committee recommendation includes the amount requested, $35,113,000, to complete the Environmental and Molecular Sciences Laboratory at the Pacific Northwest Laboratory.

The Committee recommendation includes the amount requested for the Ocean Margins and the Ocean Carbon Dioxide Survey, $4,728,000 and $1,811,000, respectively, and directs that these funds be used only for these programs.

The Committee notes that the Albert Einstein Medical Center in Philadelphia, PA, is establishing a new Women's Cancer Center as a focal point of care for its own patients and those of community

hospitals by introducing new technologies and promoting and facilitating biomedical research. The Committee further notes that the Einstein Center is located in an area with nearly twice the national proportion of households with incomes under $15,000 per year and that cancer is a particular problem for the poor, who often neglect their health for financial reasons. The Committee directs the Department to consider a proposal from the Einstein Center for a research and health care delivery project to determine whether it meets the objective of using the Department's unique scientific and technical capabilities to solve major problems in medicine and biology.

FUSION PROGRAM

Appropriations, 1996	$244,144,000
Budget estimate, 1997	255,600,000
Committee recommendation	240,000,000

The fiscal year 1996 Energy and Water Development Appropriations Act provided $244,144,000, a reduction of $128,419,000 or 34 percent from the amount requested, for the fusion energy program. In the conference report accompanying the act, the conferees instructed the Department to prepare, with the participation of the fusion community and the Fusion Energy Advisory Committee, a strategic plan to implement the necessarily restructured program. The conferees directed that the plan should assume a constant level of funding in the base program for the next several years; as appropriate, it should be integrated with the plans of the international fusion program; and it should address the institutional makeup of a domestic program consistent with the funding assumptions.

The Committee is impressed by the balanced plan developed with the assistance of the Fusion Energy Advisory Committee and is pleased that the Department has incorporated the recommendations of the plan into the program. As a result, the Committee has provided $240,000,000, as close to level funding as possible given budget constraints, for the fusion energy program. Such amount includes $6,720,000 for program direction, a 20-percent reduction of the $8,400,000 the Department proposed to fund for fusion energy-related program direction in other energy research program direction and $8,000,000 for fusion energy-related computing the Department had proposed to fund in other energy research computational and technology research. The recommendation includes the amount requested to continue the U.S. participation in the engineering design activities phase of the international thermonuclear experimental reactor [ITER] project, to which the United States is committed through fiscal year 1998.

BASIC ENERGY SCIENCES

Appropriations, 1996	$791,661,000
Budget estimate, 1997	653,675,000
Committee recommendation	649,675,000

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 labora-

tories 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 $9,000,000 to continue the Department's Experimental Program to Stimulate Competitive Research [EPSCoR] Program. Also, the Midwest superconductivity consortium is continued at the current level.

Energy bioscience program.—There exists a substantial need to discover and develop the appropriate technology to aid in environmental restoration initiatives. The Committee believes that more basic research must be conducted if the United States is to successfully surmount the numerous environmental cleanup and waste treatment challenges the Nation currently faces. The Committee notes the success the Division of Energy Biosciences has had in support of other energy-related fields, such as energy production, and is encouraged by current research initiatives involving bioremediation. Accordingly, the Committee has included the budget request for this program.

Scientific users facility initiative.—The Committee commends the Department for its support of the scientific users facilities initiative which has substantially increased operating hours and funded state-of-the-art instrumentation at the Department's user facilities. The Committee has included the full amount of the request, $277,636,000, for the initiative.

Spallation neutron source.—In the conference report accompanying the Fiscal Year 1996 Energy and Water Development Act, the conferees provided funds for research and development and conceptual design activities for a new spallation neutron source. The Committee also directed the Department to evaluate opportunities to upgrade existing reactors and spallation sources as cost-effective means of providing neutrons in the near term for the scientific community while the next generation source is developed.

After reviewing the interim report of the Basic Energy Sciences Advisory Committee on this matter, which strongly recommended that the upgrades and construction projects under consideration not come at the expense of other research activities of the Office of Basic Energy Science, the Committee is concerned that upgrades may be the only affordable option for the foreseeable future. However, because of the investment already made in conceptual design, environmental impact studies, and preconstruction research and development, and because the Committee intends that a final decision on the next generation spallation source be made on the basis of complete information, the Committee has included $8,000,000, the same as the request, for those activities in fiscal year 1997. The results of those activities, and any recommendations concerning upgrades, should be included in the Department's fiscal year 1998 budget request.

OTHER ENERGY RESEARCH PROGRAMS

Appropriations, 1996	$63,256,000
Budget estimate, 1997	231,182,000
Committee recommendation	213,763,000

Other energy research programs such as energy research analyses, laboratory technology transfer, advisory and oversight, multiprogram energy laboratory support, and program direction are funded in this section.

Technology transfer.—The Committee strongly supports technology transfer which facilitates technologies and capabilities developed at public expense to enter the marketplace to benefit the Nation. The Committee is willing to concur with the Department's request that technology transfer not be provided a separate appropriation with the understanding that the Department's commitment to technology transfer will continue and that programmatic funding will continue to support technology transfer at the current level, as was intended by the original legislation authorizing the Department's participation in technology transfer activities.

Indian energy resource program.—The Committee recognizes the unique challenge of providing power to rural Alaska; many parts of which are not accessible by road and characterized by severe climate, poverty, and dispersed populations. The Committee is willing to undertake a significant effort to address these issues.

The Committee recommendation for energy supply research and development includes $5,000,000 to fund and implement Indian energy resource programs authorized under section 2603 of the Energy Policy Act of 1992. Within this amount, the Committee directs that $1,000,000 be provided for the Haida Alaska Native Village Corp.'s Reynolds Creek hydroelectric project; $3,000,000 be provided for the Eyak Native Corp. Power Creek hydroelectric project in Cordova, AK; and $1,000,000 be provided for the Klawock-Thorne Bay-Kasaan electrical intertie on Prince of Wales Island, AK.

Energy and environmental technologies.—The Committee recommendation for other energy research includes $10,000,000 for the establishment of the energy and environmental technologies applications project at the University of Southwestern Louisiana. The project will enhance fundamental automation research in areas designed to improve the Nation's global competitiveness and energy efficiency. The project includes automation for energy and environmental responsibility, computer integrated manufacturing, intelligent material handling systems, advanced computer and communications technology and data dissemination systems. These funds will augment cost-sharing commitments from non-Federal sources, the State of Louisiana, and the University of Southwestern Louisiana.

Computational chemistry.—The Committee recommendation includes $760,000 for computational chemistry and molecular modeling. The Committee supports the broad application of the capabilities at the computational chemistry center in combustion and energy technologies.

Program direction.—The Committee has included $27,003,000 for other energy research program direction which is 20 percent below the request once the request is reduced by $8,400,000. The $8,400,000 reduction results from the Committee's action to include funding for fusion energy-related program direction in the fusion energy account.

ENERGY SUPPORT ACTIVITIES

Appropriations, 1996	$32,000,000
Budget estimate, 1997	174,223,000
Committee recommendation	138,000,000

University and science education.—Due to severe budget constraints, the Committee recommends the amount of $15,000,000 for the university and science education programs. To increase flexibility, the Committee has merged funding for the laboratory cooperative science centers and for university programs.

The Committee recommendation for university and science education includes $3,000,000 to support one Hispanic collaborative for research and education in science and technology consortium effort, with a Hispanic institution serving as the lead institution.

Since 1981, the Lawrence Berkeley Laboratory, the Ana G. Mended University system, and Jackson State University have enjoyed a productive relationship intended to promote minority participation in the sciences and have enhanced computer science and scientific research at all three institutions. The Committee is encouraged by the success of this effort and directs the Department to continue the collaboration at the current year level.

The Energy and Water Development Act for Fiscal Year 1996 provided $500,000 to support the Nebraska math and science initiative in cooperation with the National Renewable Energy Laboratory as authorized by Public Law 104–46. The Committee is concerned that the Department did not follow the recommendation of the Committee in this regard. The Committee has again included $500,000 for this purpose.

In-house energy management.—The Committee is strongly committed to reducing the Department's energy consumption. Those savings can and should be accomplished at no cost to the Department; energy service companies which contract to install energy saving devices in non-Federal buildings have demonstrated a willingness to make such installations and receive payment exclusively from the resultant energy cost savings.

Despite the Committee's elimination of funding for in-house energy management in the Fiscal Year 1996 Energy and Water Development Act, the Department has continued some in-house energy management activities in fiscal year 1996. The Department justifies its continued activities on the grounds that the Department does not have the ability to procure energy savings devices and services like those provided to non-Federal entities by energy services companies. The Committee recognizes this problem. As a result, the Committee recommendation includes $1,000,000 to establish an in-house, centralized energy efficiency procurement and contracting expertise to assist the Department's procurement and contracting officers

The Committee further recommends that, to the extent the Department has not already done so, the Department conform its procurement regulations to the procurement authorities provided by subsections (a) and (c) of section 546 of the National Energy Conservation Policy Act (42 U.S.C. 8256). These steps will enable the Department to become a leader within the Federal Government in

the procurement of energy saving devices and services. The Committee strongly supports this needed reform.

ENVIRONMENTAL RESTORATION AND WASTE MANAGEMENT

(NONDEFENSE)

Appropriations, 1996	$621,541,000
Budget estimate, 1997	651,414,000
Committee recommendation	595,895,000

The Environmental Restoration and Waste Management Program funds activities necessary to meet milestones and legal requirements included in compliance agreements, consent orders, and Federal and State statutes and regulations, and provides for implementation of all DOE orders and highest priority discretionary activities including those relating to reducing risk to the environment, safety, and health. The budget request is submitted under two appropriation accounts—"Energy supply, research, and development" and the "Defense environmental restoration and waste management" accounts.

Due to budget constraints, the Committee recommendation for nondefense environmental restoration and waste management is $595,895,000, a reduction of $25,646,000 from the amount provided in fiscal year 1996. Within that amount, the Committee has increased funding for waste management to $186,224,000, a $4,183,000 increase over the amount provided in fiscal year 1996, to emphasize the Committee's commitment to reducing future environmental restoration costs.

The recommendation includes funding to expedite the cleanup of the Wayne, NJ, interim storage site under the formerly utilized sites remedial action program [FUSRAP].

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 a limited competitive market and the extensive use by the Department of Defense, the Committee directs that the Department's national low-level radioactive waste management program shall conduct a study of the costs of operating a low-level radioactive waste disposal facility such as the commercial low-level radioactive waste disposal facility at Barnwell, SC. This study is to ensure that the Department of Defense, the Veteran's Administration, and any other waste generators are paying equitable disposal fees.

The Committee is aware that in 1975, a consortium formed by the Atomic Energy Commission and consisting of investor-owned utilities, General Electric, and the West German Government transferred ownership of the Southwest Experimental Fast Oxide Reactor [SEFOR] to the University of Arkansas. The university is now concerned by the significant cost it may face for the eventual decontamination and decommissioning of SEFOR. The Senate is considering legislation that would establish a decommissioning pilot program to decommission and decontaminate the SEFOR at the Department's expense. The Committee understands the project could cost from tens of millions of dollars to hundreds of millions of dollars.

Committee has provided a gross appropriation of $59,466,000 and a net appropriation of zero.

SUMMARY RECOMMENDATIONS

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

URANIUM ENRICHMENT DECONTAMINATION AND DECOMMISSIONING FUND

Appropriations, 1996	$278,807,000
Budget estimate, 1997	240,200,000
Committee recommendation	220,200,000

The uranium enrichment decontamination and decommissioning fund was established in accordance with title XI of Public Law 102–486, the National Energy Policy Act of 1992. The funds provide for the environmental cleanup of the Department's uranium enrichment plants, two of which are currently leased to the USEC, and the cleanup of uranium mill tailings and thorium piles resulting from production and sales to the Federal Government for the Manhattan project and other national security purposes.

Due to severe budget constraints, the Committee recommendation includes a reduction of $20,000,000 from the budget request of $240,200,000. The Committee recommends the entire reduction be taken from activities under title IX of Public Law 102–486.

GENERAL SCIENCE AND RESEARCH ACTIVITIES

Appropriations, 1996	$981,000,000
Budget estimate, 1997	1,009,150,000
Committee recommendation	1,000,626,000

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. These programs support basic research which is aimed 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 Department's general science and research support some of the most important research conducted by the Federal Government. As a result, the Committee has sought to minimize any reductions in these programs.

High-energy physics.—The Committee recommendation for high-energy physics is $672,921,000, a $5,921,000 reduction from the amount provided in fiscal year 1996 and a $6,204,000 reduction from the amount requested.

The Committee encourages the Department to participate in international collaborations to increase access of U.S. researchers to world class research facilities. However, the Committee strongly

cautions the Department that, due to budget constraints, it should anticipate, at best, current level funding for the high-energy physics program for the foreseeable future. Any funds committed to the LHC must be derived from the base high-energy physics budget.

Nuclear physics.—The recommendation for nuclear energy physics is $318,425,000, a $13,925,000 increase over the amount provided in fiscal year 1996 and equal to the amount requested.

SUMMARY RECOMMENDATIONS

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

NUCLEAR WASTE DISPOSAL FUND

The Nuclear Waste Policy Act requires the Department to determine whether Yucca Mountain, NV, is a suitable site for the Nation's nuclear waste repository, and, if it is, to build the repository there. The repository is needed to dispose of 84,000 metric tons of nuclear waste that is being produced at the Nation's 110 nuclear powerplants and thousands of additional tons of nuclear wastes produced by the Nation's national security programs. Since the Nuclear Waste Policy Act was passed in 1982, the Department has collected nearly $8,000,000,000 from the utilities and their ratepayers and has spent about $5,000,000,000 for this purpose.

Funding for the nuclear waste program was cut sharply in fiscal year 1996. The program received only one-half the funds requested by the President and 40 percent less that in fiscal year 1995. The Department was directed to refocus its efforts on completing the core scientific activities needed to determine whether the Yucca Mountain site is suitable and to complete a conceptual design for the repository waste package.

The Committee recommends $400,028,000 for the program in fiscal year 1997. Of this amount, $200,028,000 is to be derived from the nuclear waste fund collected from the ratepayers, and $200,000,000 from the defense account. These funds are to be used to continue the existing scientific work at Yucca Mountain in order to determine the ultimate feasibility and licensibility of the permanent repository at Yucca Mountain. This work should proceed in accordance with the Civilian Radioactive Waste Management Draft Program plan issued by the Department in May 1996. No later than June 30, 1998, the Secretary shall provide to the President and to the Congress a viability assessment of the Yucca Mountain site. The viability assessment shall include: the preliminary design concept for the critical elements for the repository and waste package; a total system performance assessment, based upon the design concept and the scientific data and analysis available by June 30, 1998, describing the probable behavior of the repository in the Yucca Mountain geological setting relative to the overall system performance standards; a plan and cost estimate for the remaining work required to complete a license application; and an estimate of the costs to construct and operate the repository in accordance with the design.

The Environmental Protection Agency is now developing radiation protection standards that will determine whether the Yucca

Program direction	.....	39,046	31,237
TOTAL, ENVIRONMENT, SAFETY AND HEALTH	128,433	112,206	94,437
ENERGY RESEARCH:			
Biological and environmental research:			
Biological and environmental research R&D	349,891	342,962	352,962
Construction:			
94–E–337 Advanced light source structural biology support facility, LBL	2,600	.....	.....
94–E–338 Structural biology center, ANL	4,295	.....	.....
94–E–339 Human genome lab, LBL	5,700	1,000	1,000
91–EM–100 Environmental & molecular sciences laboratory, PNL, Richland, WA	50,000	35,113	35,113
Subtotal, Construction	62,595	36,113	36,113
Subtotal, Biological & environ. research R&D	412,486	379,075	389,075
BER program direction	7,000	.....	.....
Total, Biological and environmental research	419,486	379,075	389,075
Fusion energy	244,144	255,600	240,000
Basic energy sciences:			
Materials sciences	367,400	334,560	332,060
Chemical sciences	198,400	173,370	171,870
Applied mathematical sciences	116,500	.....	.....
Engineering and geosciences	41,700	41,250	41,250
Advanced energy projects	12,300	.....	.....
Energy biosciences	30,200	28,185	28,185
Program direction	9,500	.....	.....
Capital equipment	.....	45,695	45,695
Construction:			
GPE–400 General plant projects	.....	9,275	9,275
97–E–305 Accelerator and reactor improvements and modifications, various locations	.....	2,500	2,500
96–E–305 Accelerator and reactor improvements and modifications, various locations	10,475	.....	.....
95–E–305 Accelerator improvement projects	.....	9,840	9,840

[In thousands of dollars]

Project title	Current year enacted	Budget estimate	Committee recommendation
89–R–402 6–7 GeV syn. radiation source, ANL	3,186		
96–E–300 Combustion research facility, Phase II, SNL/L	2,000	9,000	9,000
Subtotal, Construction	15,661	30,615	30,615
Total, Basic energy sciences	791,661	653,675	649,675
Other energy research:			
Computational and technology research		158,143	158,500
Energy research analyses	3,463	2,000	2,000
Laboratory technology transfer	18,000		
Advisory and oversight	6,200		
Policy and management	2,200		
Program direction		42,154	27,003
Multiprogram energy labs—facility support:			
Multiprogram general purpose facilities		7,625	5,000
Construction:			
MEL–001 Multiprogram energy laboratory infrastructure projects, various locations		21,260	
95–E–301 Central heating plant rehabilitation, Phase I (ANL)	2,500		2,500
95–E–302 Applied science center, phase I (BNL)	3,270		
95–E–303 Electrical safety rehab (PNL)	1,500		1,500
95–E–310 Multiprogram laboratory rehabilitation, phase I (PNL)	2,740		2,960
94–E–351 Fuel storage and transfer facility upgrade (BNL)	440		
94–E–363 Roofing improvements (ORNL)	2,038		
Subtotal, Construction	12,488	21,260	6,960
Subtotal, Multiprogram gen. purpose facilities	12,488	28,885	11,960
Environment, safety and health	6,656		

Construction:			
96–E–333 Multiprogram energy laboratories upgrades, various locations	4,400	.....	7,424
95–E–307 Fire Safety imp. III (ANL)	1,000	.....	1,000
95–E–308 Sanitary system mods. II (BNL)	1,540	.....	1,032
95–E–309 Loss prevention upgrades (BNL)	2,480	.....	4,620
93–E–320 Fire and safety improvements, phase II (ANL)	2,411	.....	224
93–E–323 Fire and safety systems upgrade phase I (LBL)	1,130	.....	.....
93–E–324 Hazardous materials safeguards, phase I (LBL)	1,288	.....	.....
Subtotal, Construction	14,249	.....	14,300
Subtotal, Environment, safety and health	20,905	.....	14,300
Subtotal, Multiprogram energy labs—fac. suppor	33,393	28,885	26,260
Total, Other energy research	63,256	231,182	213,763
TOTAL, ENERGY RESEARCH	1,518,547	1,519,532	1,492,513
ENERGY SUPPORT ACTIVITIES:			
University and science education programs	20,000	19,900	15,000
Technical information management program	11,000	2,300	2,300
Program direction	.....	8,700	8,700
Construction	1,000	1,000	1,000
Total, Technical information management program	12,000	12,000	12,000
Field offices and management	.....	121,723	110,000
Information systems investment	.....	14,900	.....
In-house energy management	.....	3,941	1,000
Construction:			
IHE—500 Modifications for energy mgmt	.....	1,759	.....
Total, In-house energy management	.....	5,700	1,000

DEPARTMENT OF ENERGY—Continued

[In thousands of dollars]

Project title	Current year enacted	Budget estimate	Committee recommendation
TOTAL, ENERGY SUPPORT ACTIVITIES	32,000	174,223	138,000
ENVIRONMENTAL RESTORATION & WASTE MGMT. (NON-DEFENSE):			
Environmental restoration	366,400	358,239	330,000
Waste management	171,896	192,799	180,000
Construction:			
GP–E–600 ANL waste handling facility, INEL		360	360
94–E–602 Bethel Valley federal facility agreement upgrades, ORNL	300	1,106	1,106
93–E–900 Long-term storage of TMI–2 fuel, INEL	4,048		
92–E–601 Melton Valley liquid low level waste collection and transfer system upgrade, ORNL	339		
91–E–600 Rehabilitation of waste management building 306, ANL	787	2,066	2,066
88–R–812 Hazardous waste handling facility, LBL	671		
88–R–830 Liquid low-level waste collection and transfer system upgrade, ORNL	4,000	2,692	2,692
Subtotal, Construction	10,145	6,224	6,224
Total, Waste management	182,041	199,023	186,224
Nuclear materials and facilities stabilization	73,100	84,782	73,100
Construction:			
93–E–900 Long-term storage of TMI–2 fuel, INEL		6,571	6,571
Total, Nuclear materials and fac stabilization	73,100	91,353	79,671
Site operations		2,799	
TOTAL, ENVIRONMENTAL RESTORATION AND WASTE MGMT	621,541	651,414	595,895

Subtotal, Energy supply, research and development	2,806,707	3,068,674	2,801,220
Use of prior year balances	−79,300	.....	−48,177
General reduction, ESR&D	.....	−48,177	.....
TOTAL, ENERGY SUPPLY, RESEARCH AND DEVELOPMENT	2,727,407	3,020,497	2,749,043
URANIUM SUPPLY AND ENRICHMENT ACTIVITIES			
Uranium program activities	83,500	77,594	52,466
Program direction	.....	5,672	4,000
Construction:			
96–U–201 depleted UF6 cylinder storage yards, Paducah, Kentucky gaseous diffusion plant	3,000	4,000	3,000
93–U–200 UF6 cylinders and storage yards, Paducah, KY and Portsmouth, OH gaseous diffusion plants	3,400	.....	.....
Subtotal, Construction	6,400	4,000	3,000
Subtotal, Uranium supply & enrichment activities	89,900	87,266	59,466
Revenues—Sales	−34,903	−42,200	−42,200
Use of prior year balances	−25,703	−17,266	−17,266
TOTAL, URANIUM SUPPLY AND ENRICHMENT ACTIVITIES	29,294	27,800	.....
URANIUM ENRICHMENT DECONTAMINATION AND DECOMMISSIONING FUND			
Decontamination and Decommissioning Fund	278,807	240,200	220,200
GENERAL SCIENCE AND RESEARCH			
High energy physics:			
Physics research	141,000	141,290	141,000
Facility operations	353,077	362,955	359,998
Construction:			
97–G–303 Master substation upgrade, SLAC	.....	3,000	3,000
94–G–304 B–Factory, SLAC	52,000	45,000	45,000
92–G–302 Fermilab main injector, Fermilab	52,000	52,000	52,000

[In thousands of dollars]

Project title	Current year enacted	Budget estimate	Committee recommendation
Subtotal, Construction	104,000	100,000	100,000
Subtotal, Facility operations	457,077	462,955	459,998
High energy technology	68,923	74,880	71,923
Total, High energy physics	667,000	679,125	672,921
Nuclear physics	236,925	253,425	253,425
Construction:			
96–G–302 Accelerator improvements and modifications, various locations	2,575	.....	.....
91–G–300 Relativistic heavy ion collider, BNL	65,000	65,000	65,000
Subtotal, Construction	67,575	65,000	65,000
Total, Nuclear physics	304,500	318,425	318,425
General science program direction	9,500	11,600	9,280
Subtotal, General science	981,000	1,009,150	1,000,626
TOTAL, GENERAL SCIENCE AND RESEARCH	981,000	1,009,150	1,000,626
DEPARTMENTAL ADMINISTRATION			
Administrative operations:			
Office of the Secretary—salaries and expenses	2,500	2,850	2,280
General management—personnel compensation and benefits	185,000	119,647	100,695
Severance, termination and related cost	.....	.....	6,000
General management—other expenses	157,000	83,604	74,900
Program support:			
Minority economic impact	2,900	2,900	2,320