ADVISORY AND OVERSIGHT PROGRAM DIRECTION

PROGRAM MISSION

This program was transferred to the Energy Supply Research and Development Program Direction decision unit in FY 1997. This program provided staffing resources needed to provide the Secretary with scientific and technical advice on DOE research and development projects, programs, plans and policies. Staff developed ER strategic plans; conducted independent technical assessments, peer reviews, and evaluations of specific programs and projects; represented ER on intra-agency working groups; provided interagency coordination on science and technology developments; and assessed the overall strength and vitality of the multiprogram laboratory system. They developed and coordinated departmental laboratory management policy and oversaw management processes such as strategic and institutional planning for multiprogram laboratories, laboratory appraisals, work by the laboratories for non-DOE sponsors, laboratory-directed research and development and spinoff technology transfer projects at the ER laboratories. The staff also managed activities related to infrastructure resource management including environment, safety and health support; general purpose facilities; general plant projects; and general purpose equipment in support of landlord responsibilities.

PERFORMANCE MEASURES:

Integration of Energy Research program plans with overall departmental plans.

Efficiencies in environment, safety and health procedures and improvements in pollution and compliance programs.

Improvements in staffing, travel and support services contractor utilization.

SIGNIFICANT ACCOMPLISHMENTS AND PROGRAM SHIFTS:

- Funded in the Energy Supply Research and Development Program Direction decision unit in FY 1997 and FY 1998.
- Established the Laboratory Operations Board to increase the efficiency and productivity of the DOE laboratory system.
- Ensured the science and technology parts of the National Energy Policy Plan are achieved.

ADVISORY AND OVERSIGHT

PROGRAM FUNDING PROFILE
(Dollars in thousands)

Activity	FY 1996 Current Appropriation	FY 1997 Original Appropriation	FY 1997 Adjustments	FY 1997 Current Appropriation	FY 1998 Request
Advisory and Oversight.....	$5,936	$0	$0	$0	$0
TOTAL, Advisory and Oversight.....	$5,936	$0	$0	$0	$0
Staffing (FTEs)	59	0	0	0	0

Public Law Authorization:
Pub. Law 95-91, DOE Organization Act

ADVISORY AND OVERSIGHT PROGRAM DIRECTION

(Tabular dollars in thousands, Narrative in whole dollars)

I. Mission Supporting Goals and Objectives

This program provided the Federal staffing and associated funding resources required to carry out the traditional science and technology responsibilities of the Office of Energy Research in accordance with the Department of Energy Organization Act (P.L. 95-91), including providing scientific and technical advice on DOE research and development projects, programs, plans, policies, and science and technology strategic planning; assessing and advising on the overall strength and vitality of the multiprogram laboratory system; infrastructure resource management activities; environment, safety and health support; and other responsibilities as mandated by the Secretary in areas beyond the scope of the other assigned Energy Research programs.

II. Funding Table:

	FY 1996 Current Appropriation	FY 1997 Original Appropriation	FY 1997 Adjustments	FY 1997 Current Appropriation	FY 1998 Budget Request
Salaries and Benefits	$5,136	$0	$0	$0	$0
Travel	300	0	0	0	0
Support Services	400	0	0	0	0
Other Related Expenses	100	0	0	0	0
Total	$5,936	$0	$0	$0	$0

III. Performance Summary:

	FY 1996	FY 1997	FY 1998
Salaries and Benefits:			
Funded staff who carried out Energy Research's responsibilities for assessing and providing advice on the Department's research and development programs and the multiprogram national laboratories; overseeing infrastructure management activities; and providing environment, safety and health support, at staffing levels which were lower than those of previous years.	$5,136	$0	$0

III. Performance Summary:	FY 1996	FY 1997	FY 1998
Travel: Substantially reduced travel costs as part of the Department's streamlining efforts.	300	0	0
Support Services: Provided, at reduced levels, computer system development; environment, safety, and health; and administrative support.	400	0	0
Other Related Expenses: Provided computer hardware and software and other miscellaneous support for Advisory and Oversight funded staff.	100	0	0
Total	$5,936	$0	$0

EXPLANATION OF FUNDING CHANGES FROM FY 1997 TO FY 1998:

This program is included in the Energy Supply Research and Development Program Direction decision unit beginning in FY 1997 at the direction of Congress.

Support Services	FY 1996 ($000)	FY 1997 ($000)	FY 1998 ($000)	FY 1998/ FY 1997 Change ($000)
Technical Support Service				
Feasibility of Design Considerations				
Economic and Environmental Analysis	125			
Test and Evaluation Studies				
Subtotal	125			
Management Support Services				
Management Studies				
Training and Education				
ADP Support	150			
Administrative Support Services	125			
Subtotal	275			
Total Support Services	400			
Use of Prior Year Balances				

Other Related Expenses	FY 1996 ($000)	FY 1997 ($000)	FY 1998 ($000)	FY 1998/ FY 1997 Change ($000)
Training				
Working Capital Fund				
Printing and Reproduction				
Rental Space				
Software Procurement/Maintenance Activities/Capital Acquisitions	75			
Other	25			
Total Obligational Authority	100			
Use of Prior-Year Balances				
Total Budget Authority	100			

ENERGY RESEARCH-ENERGY SUPPLY RESEARCH AND DEVELOPMENT PROGRAM DIRECTION

PROGRAM MISSION

This program provides the Federal staffing and associated funding required to provide overall direction of activities carried out under the following programs: Biological and Environmental Research, Basic Energy Sciences, Computational and Technology Research, Multiprogram Energy Laboratories-Facilities Support and Energy Research Analyses. This funding also provides the necessary support to the Director of Energy Research to carry out Energy Research (ER) responsibilities under the Department of Energy (DOE) Organization Act (P.L. 95-91) and as mandated by the Secretary. These responsibilities include providing advice on the status and priorities of the Department's overall research and development programs and on the management of the Department's multipurpose laboratories; developing research and development plans and strategies; and managing the Multiprogram Energy Laboratories-Facilities Support (MEL-FS) program. The program supports staffing resources at the Chicago and Oakland Operations Offices directly involved in executing ER programs.

Program direction has been divided into four categories: salaries and benefits, travel, support services, and other related expenses. Support services refers to program direction funded support services contracts that provide necessary support functions to the Federal staff, such as technical support, computer systems development, travel processing, and mailroom. Other related expenses refers to other administrative costs of maintaining Federal staff, such as building and facility costs and utilities in the field, information technology expenses, training and the Working Capital Fund at Headquarters.

The GOAL of Energy Research-Energy Supply Research and Development Program Direction is to:

Fund the staff and related expenses which are necessary to provide overall management direction of ER's scientific research programs funded in the Energy Supply Research and Development appropriation, except Fusion Energy Sciences, and to enable the Director of ER to serve as the Department's science advisor for formulation and implementation of basic research policy.

PROGRAM MISSION - ENERGY RESEARCH-ENERGY SUPPLY PROGRAM DIRECTION (Cont'd)

The OBJECTIVES related to these goals are:

1. To develop, direct and administer a complex and broadly diversified program of mission-oriented research, including the construction and operation of forefront scientific research facilities for use by the Nation's scientific community.

2. To conduct independent technical assessments, peer reviews and evaluations of specific programs and projects. The staff annually monitors and evaluates approximately 2,500 individual research projects at over 250 separate institutions and provides overall direction of research and development programs designed to support the development of new and improved energy, environmental and health technologies.

PERFORMANCE MEASURES:

1. Responsiveness to national science policy and major science initiatives.

2. Improvement in environment, safety and health compliance.

3. Provision of new and enhanced research facilities and equipment.

4. Continued improvement in the utilization of staffing, travel and support contractor funds.

SIGNIFICANT ACCOMPLISHMENTS AND PROGRAM SHIFTS:

- Energy Research continues to achieve technical excellence in its programs despite managing one of the largest, most diversified and most complex basic research portfolios in the Federal Government with a relatively small Federal and support contractor staff compared to similar programs.

- Increased productivity at U.S. scientific research facilities as part of our Scientific Facilities utilization initiative.

- Initiation of research at the newly commissioned Advanced Photon Source in FY 1997; the facility was completed on schedule and within budget.

PROGRAM MISSION - ENERGY RESEARCH-ENERGY SUPPLY PROGRAM DIRECTION (Cont'd)

- Effective use of the Laboratory Operations Board to achieve improvements in the efficiency and productivity of the DOE laboratory system.
- Implementation of the Work Smart Standards Process for establishing standards for environment, safety and health protection. This process tailors environment, safety and health standards to the appropriate risks inherent in particular facilities and operations.
- Completion of Energy Research work at the Environmental Measurements Laboratory and transfer of management responsibility for the Lab from Energy Research to Environmental Management at the beginning of FY 1998.
- Ensuring the science and technology parts of the National Energy Policy Plan are achieved.

ENERGY RESEARCH ENERGY SUPPLY, RESEARCH AND DEVELOPMENT PROGRAM DIRECTION a/
PROGRAM FUNDING PROFILE
(Dollars in thousands)

	FY 1996 Current Appropriation	FY 1997 Original Appropriation	FY 1997 Adjustments	FY 1997 Current Appropriation	FY 1998 Budget Request
Activity					
Operating Expenses a/	$0	$30,600	$0	$30,600	$30,600
TOTAL, ER-Energy Supply Program Direction	$0 b/	$30,600	$0	$30,600	$30,600
Staffing (FTEs)					
Headquarters FTEs	0	202	0	202	199
Field FTEs	0	42	0	42	3
TOTAL, FTEs	0	244	0	244	202

a/ The operating expenses include Working Capital Fund charges, which are estimated to be $3,250,000 in FY 1997 and $4,200,000 in FY 1998.

b/ The Energy Research-Energy Supply Program Direction decision unit was established in FY 1997 at the direction of Congress, through consolidation of five separate program direction accounts. Comparable FY 1996 funding is included in the budget narrative for each of those accounts.

Public Law Authorization:

Pub. Law 95-91, DOE Organization Act

ENERGY RESEARCH-ENERGY SUPPLY PROGRAM DIRECTION
(Tabular dollars in thousands, narrative in whole dollars)

I. Mission Supporting Goals and Objectives

Program Direction provides the Federal staffing resources and associated costs required to provide overall direction and execution of Office of Energy Research program and advisory responsibilities. Energy Research-Energy Supply Research and Development Program Direction supports staff in the Basic Energy Sciences, Biological and Environmental Research, Computational and Technology Research, Multiprogram Energy Laboratories-Facilities Support and Energy Research Analyses programs, including management and technical support staff. This program also supports staff at the Chicago Operations Office directly involved in program execution. The staff includes scientific and technical personnel as well as program support personnel in the areas of budget and finance, general administration, grants and contracts, information resource management, policy review and coordination, infrastructure management and construction management.

The FY 1998 request includes Working Capital Fund resources of $4,200,000 to cover the costs of centrally provided goods and services at Headquarters, such as supplies, housing, utilities, etc., which previously were budgeted in Departmental Administration.

II. Funding Table:

	FY 1996 Current Appropriation	FY 1997 Original Appropriation	FY 1997 Adjustments	FY 1997 Current Appropriation	FY 1998 Budget Request
Chicago					
Salary and Benefits	$0	$2,730	$0	$2,730	$385
Travel	0	85	0	85	10
Support Services	0	650	0	650	0
Other Related Expenses	0	560	0	560	5
Total	$0	$4,025	$0	$4,025	$400
Full-Time Equivalents	0	42	0	42	3

II. Funding Table (cont'd):

	FY 1996 Current Appropriation	FY 1997 Original Appropriation	FY 1997 Adjustments	FY 1997 Current Appropriation	FY 1998 Budget Request
Headquarters					
Salary and Benefits	$0	$18,374	$0	$18,374	$18,960
Travel	0	795	0	795	790
Support Services	0	3,876	0	3,876	4,440
Other Related Expenses	0	3,530	0	3,530	6,010
Total	$0	$26,575	$0	$26,575	$30,200
Full Time Equivalents	0	202	0	202	199
Total Energy Research					
Salary and Benefits	$0	$21,104	$0	$21,104	$19,345
Travel	0	880	0	880	800
Support Services	0	4,526	0	4,526	4,440
Other Related Expenses	0	4,090	0	4,090	6,015
Grand Total	$0	$30,600	$0	$30,600	$30,600
Full-Time Equivalents	0	244	0	244	202

III. Performance Summary:

	FY 1996	FY 1997	FY 1998
Salaries and Benefits:	$ 0	$21,104	$19,345

Eliminated 39 Energy Research FTEs at Chicago in FY 1998 resulting from a) completion of Energy Research work at the Environmental Measurements Laboratory and transfer of overall management responsibility for the Lab to Environmental Management and b) completion of construction activities at the Advanced Photon Source.

III. Performance Summary:

There is also a savings of 3 FTEs in FY 1998 at Headquarters. The continued decrease in Headquarters staffing in this account results from process improvement savings arising from successful implementation of activity based costing/management as part of our streamlining efforts. These staffing economies have been achieved despite stable research program budgets and the heaviest grant and contract workload in the Department. Both in FY 1997 and FY 1998, staff will monitor over 2,500 research projects at more than 250 institutions. More than 2,000 research proposals will be peer reviewed, as will selected ongoing programs, and the results will be used to enhance the quality of the research programs. Implementation of Laboratory Operations Board recommendations will improve performance and management of the National Laboratories. Energy Research has the best ratio of program direction dollars to total program dollars in the Department and one of the best ratios of program dollars managed per FTE. Our reengineering efforts have been successful in eliminating unnecessary and non-value added work from the system. Further reductions in staff or program direction funding would prevent us from covering the broad spectrum of scientific disciplines which comprise these programs, which would eventually compromise their scientific productivity and our ability to respond to the needs of the researchers who rely on these programs for support.

0	880	800

Travel:

Further reductions in travel will be achieved in FY 1998 through better use of computer networking and telecommunications and due to fewer travelers.

0	4,526	4,440

Support Services:

Provide necessary mailroom, travel processing, environment, health and safety support, computer systems development and hardware and software installation, configuration, and maintenance activities. Emphasis in FY 1997 and FY 1998 will be placed on development of an information architecture

FY 1996	FY 1997	FY 1998

III. Performance Summary:

	FY 1996	FY 1997	FY 1998
for Energy Research to establish integrated business management systems, consistent with the provisions of the Information Technology Management Reform Act of 1996. This is essential for us to take work out of the system and to meet workload demands with declining staffing levels. ER is widely acknowledged as being the most efficient and conservative user of support services contracts in the Department.			
Other Related Expenses:	0	4,090	6,015
Acquire hardware and software in FY 1997 and FY 1998 to accomplish corporate systems development and networking upgrades. The FY 1997 and FY 1998 estimates include $3,250,000 and $4,200,000, respectively, to cover Headquarters Working Capital Fund charges.			
Total	$0	$30,600	$30,600

IV. Explanation of Funding Changes from FY 1997 to FY 1998:

Decrease of $1,759,000 in salaries and benefits is due to FTE reductions at Headquarters and Chicago which is partially offset by general pay increases and promotions.	-1,759,000
Decrease of $80,000 in travel is due to fewer travelers because of staffing reductions and increased use of alternatives to travel.	-80,000
Decrease of $86,000 in support services is due to increased needs at Headquarters for information architecture which are more than offset by decreased needs in the field, the latter primarily as a result of completion of work at the Environmental Measurements Laboratory.	-86,000
Increase of $1,925,000 in other related expenses is due to an increase of $950,000 in the Departmental Working Capital Fund charges; a $982,000 increase for computer workstation and network infrastructure technology upgrades which will improve operational efficiencies; and a minor decrease in training.	+1,925,000
Total Funding Change, Energy Supply Program Direction	$0

Support Services	FY 1996 ($000)	FY 1997 ($000)	FY 1998 ($000)	FY 1998/ FY 1997 Change ($000)
Technical Support Service				
Feasibility of Design Considerations				
Economic and Environmental Analysis		1,377	1,363	-14
Test and Evaluation Studies				
Subtotal		1,377	1,363	-14
Management Support Services				
Management Studies		214	207	-7
Training and Education		50	48	-2
ADP Support		2,131	2,122	-9
Administrative Support Services		754	700	-54
Subtotal		3,149	3,077	-72
Total Support Services		4,526	4,440	-86
Use of Prior Year Balances				

Other Related Expenses	FY 1996 ($000)	FY 1997 ($000)	FY 1998 ($000)	FY 1998/ FY 1997 Change ($000)
Training		67	60	-7
Working Capital Fund		3,250	4,200	+950
Printing and Reproduction				
Rental Space				
Software Procurement/Maintenance Activities/Capital Acquisitions		773	1,755	+982
Other				
Total Obligational Authority		4,090	6,015	+1,925
Use of Prior-Year Balances				
Total Budget Authority		4,090	6,015	+1,925

GENERAL SCIENCE PROGRAM DIRECTION

PROGRAM MISSION

This program provides the Federal staffing resources and associated funding to plan, direct, and manage a viable, high quality national program of basic research in the fields of high energy physics and nuclear physics in support of the Nation's goals to support basic scientific research. It supports the staff in the Office of the Associate Director for High Energy and Nuclear Physics, the High Energy Physics Division, the Nuclear Physics Division, and associated program and management support staff in the Office of Energy Research. This program also provides program-specific staffing resources at the Chicago, Oakland, and Oak Ridge Operations Offices to support high energy and nuclear physics activities carried out by those offices.

The Department of Energy provides over 90 percent of the Federal support, and serves as the Executive Agent, for the Nation's high energy physics program. Nearly 90 percent of the total Federal support of basic nuclear physics research is provided through the nuclear physics program. The staff develop program plans and budgets and execute approved programs. They support, plan, and provide for construction, maintenance, and operation of the large facilities on which research in high energy physics and nuclear physics depends. They oversee the operation of large and complex accelerator facilities which are used by qualified physicists throughout the Nation, provide technical oversight of the high energy physics and nuclear physics research programs at 15 major laboratories and well over one hundred universities throughout the Nation, and interact with other Federal agencies. In carrying out these responsibilities, the staff funded by General Science Program Direction assess the research and facility needs of these programs with the advice and assistance of the High Energy Physics Advisory Panel (HEPAP) and the DOE/National Science Foundation Nuclear Science Advisory Committee (NSAC). The staff also participate actively in HEPAP and NSAC meetings and provide program and administrative support for their operation.

The staff also participate in cooperative programs with Japan, Germany, CERN Laboratory (Geneva, Switzerland) member countries, China, the Former Soviet Union, Spain, Italy, France, The Netherlands, and Canada.

PROGRAM MISSION - GENERAL SCIENCES PROGRAM DIRECTION (Cont'd)

Program direction has been divided into four categories: salaries and benefits, travel, support services, and other related expenses. Support services refers to program direction funded support service contracts that provide necessary support functions to the Federal staff, such as computer systems development, travel processing, technical support, mailroom, etc. Other related expenses includes other administrative costs of maintaining Federal staff, such as building and facility costs including utilities at field locations, training, information technology expenses, and Working Capital Fund charges for goods and services provided centrally by the Department at Headquarters.

The GOAL of General Science Program Direction is to fund the management of the Department's fundamental research programs, which provide new insights into the nature of energy and matter to better understand our natural world.

The OBJECTIVES related to these goals are:

1. To utilize the peer review process for ongoing and proposed research activities.

2. To enhance international collaboration and to champion the recommendations of the High Energy Physics Advisory Panel's "Future Vision Subpanel" as the new direction for high energy physics and the Long-Range Plan for Nuclear Science as updated by the Interagency Nuclear Science Advisory Committee (NSAC).

PERFORMANCE MEASURES:

1. Responsiveness to national science policy and initiatives.

2. Improvement in environment, safety and health compliance.

3. Provision of new and enhanced research facilities and equipment.

4. Increase in facility operating time.

5. Continued improvement in the utilization of staffing, travel and support contractor funds.

6. Expansion of international collaborative efforts.

PROGRAM MISSION - GENERAL SCIENCES PROGRAM DIRECTION (Cont'd)

SIGNIFICANT ACCOMPLISHMENTS AND PROGRAM SHIFTS:

- Managing almost the entire U.S. program in high energy and nuclear physics, including annual budgets of approximately $1 billion, with outstanding success and with relatively low staffing levels and program direction costs compared to other research programs both within and outside the Department.

- Increased productivity at high energy and nuclear physics facilities as part of the FY 1997 Scientific Facilities Initiative.

- Operation of the Thomas Jefferson National Accelerator Facility (TJNAF).

- Continued increase in international efforts with significant progress on Large Hadron Collider participation.

- Continued progress on ongoing Main Injector, B-Factory and Relativistic Heavy Ion Collider construction, and inititation of the NUMI and C-Zero projects.

- Further progress on Sudbury Neutrino Observatory (SNO) Detector fabrication, with completion and initiation of operations scheduled for FY 1997.

- Transfer from Environmental Management to Energy Research in FY 1998 of management responsibility for newly generated wastes at the Stanford Linear Accelerator Center (SLAC) and Fermilab.

GENERAL SCIENCE-PROGRAM DIRECTION
PROGRAM FUNDING PROFILE
(Dollars in thousands)

	FY 1996 Current Appropriation	FY 1997 Original Appropriation	FY 1997 Adjustments	FY 1997 Current Appropriation	FY 1998 Budget Request
Activity					
Operating Expenses	$9,500	$10,000 a/	$0	$10,000 a/	$10,200 a/
TOTAL, General Science Program Direction	$9,500	$10,000	$0	$10,000	$10,200
Staffing (FTEs)					
Headquarters FTEs	59	57	0	57	57
Field FTEs	33	33	0	33	33
Total, FTEs	92	90	0	90	90

a/ The Operating Expenses include Working Capital Fund contributions, which are estimated to be $1,000,000 in FY 1997 and $1,200,000 in FY 1998.

Public Law Authorization:
Pub. Law 95-91, DOE Organization Act (1977)

Two Field FTEs and $200,000 are transferred from Environmental Management to Energy Research in FY 1998 and are included in the FY 1998 Budget Request for General Sciences Program Direction as a result of the reassignment of management responsibility for newly generated wastes at SLAC and Fermilab.

GENERAL SCIENCE PROGRAM DIRECTION

I. Mission Supporting Goals/Ongoing Responsibilities:

This program provides the Federal staffing resources and associated funding to plan, direct, and manage a viable, high quality national program of basic research in the fields of high energy physics and nuclear physics to ensure U.S. competitiveness in basic research. It supports the staff in the Office of the Associate Director for High Energy and Nuclear Physics, the High Energy Physics Division, the Nuclear Physics Division, and associated program and management support staff both at Headquarters and at Chicago, Oakland, and Oak Ridge Operations Offices.

The program also includes Working Capital Fund charges to cover the costs of centrally provided goods and services such as supplies, housing, utilities, etc., which previously were budgeted in Departmental Administration. In the FY 1998 request for General Sciences Program Direction, $1,200,000 has been included for the Working Capital Fund.

II. Funding Schedule:

	FY 1996 Current Appropriation	FY 1997 Original Appropriation	FY 1997 Adjustments	FY 1997 Current Appropriation	FY 1998 Budget Request
Chicago					
Salary and Benefits	$1,533	$1,595	$0	1,595	1,658
Travel	65	23	0	23	20
Support Services	140	35	0	35	0
Other Related Expenses	88	37	0	37	35
Total	$1,826	$1,690	0	1,690	$1,713
Full Time Equivalents	18	18	0	18	18
Oakland					
Salary and Benefits	$ 552	$616	$0	$616	$736
Travel	32	9	0	9	12
Support Services	33	10	0	10	0
Other Related Expenses	47	17	0	17	45
Total	$ 664	$ 652	$0	$ 652	$ 793
Full Time Equivalents	7	7	0	7	8

II. Funding Schedule (cont'd)

	FY 1996 Current Appropriation	FY 1997 Original Appropriation	FY 1997 Adjustments	FY 1997 Current Appropriation	FY 1998 Budget Request
Oak Ridge					
Salary and Benefits	$ 650	$ 677	$0	$ 677	$605
Travel	70	37	0	37	35
Support Services	0	0	0	0	0
Other Related Expenses	154	46	0	46	84
Total	$ 874	$760	$0	$760	$ 724
Full Time Equivalents	8	8	0	8	7
Headquarters					
Salary and Benefits	$ 5,205	$ 4,690	$0	$4,690	$ 4,921
Travel	400	290	0	290	250
Support Services	431	464	0	464	400
Other Related Expenses a/	100	1,454	0	1,454	1,399
Total	$ 6,136	$ 6,898	$0	$6,898	$ 6,970
Full Time Equivalents	59	57	0	57	57
Total Energy Research					
Salary and Benefits	$ 7,940	$ 7,578	$0	$ 7,578	$ 7,920
Travel	567	359	0	359	317
Support Services	604	509	0	509	400
Other Related Expenses	389	1,554	0	1,554	1,563
Total	$ 9,500	$ 10,000	$0	$ 10,000	$ 10,200
Full Time Equivalents	92	90		90	90

a/ Includes Working Capital Fund in the Headquarters Other Related Expenses category beginning in FY 1997.

III. Performance Summary	FY 1996	FY 1997	FY 1998
Salaries and Benefits:	$7,940	$7,578	$7,920

Eliminating 2 FTEs at Headquarters in FY 1997 due to process improvements resulting from activity based costing/management efforts as part of Energy Research's streamlining activities. Will eliminate 1 more FTE in FY 1998 at Oak Ridge for the Thomas Jefferson National Accelerator Facility Site Office as a result of field streamlining efforts. Added 2 FTEs in FY 1998, 1 at Oakland and 1 at Chicago, as a result of the reassignment of responsibility for newly generated waste management activities at the Stanford Linear Accelerator Center and Fermilab, a pilot program, from Environmental Management to Energy Research. The additional FTE at Chicago is offset by a reduction of 1 FTE there resulting from field streamlining activities.

Staff funded in General Sciences Program Direction will manage the national high energy physics and nuclear physics programs, whose billion dollar annual budgets have remained relatively constant over the past few years despite overall budget stringency. In terms of research dollars managed per Federal staff members and program direction funding as a percent of program budget, these programs are the most efficiently managed, not only in the Department, but also in the entire Federal science establishment. Marginal work has been eliminated and further reductions in program direction funding will not be possible without seriously damaging the scientific excellence of the programs and responsiveness to researchers throughout the country who are funded by these programs and utilize their research facilities.

III. Performance Summary	FY 1996	FY 1997	FY 1998
Travel: Further economies in travel will be achieved, primarily at Chicago in FY 1997 and at Headquarters, both in FY 1997 and FY 1998. A small part of the decrease is due to fewer travelers, but most will result from the use of alternatives to travel, such as teleconferencing. Travel will remain, however, an important element within the high energy and nuclear physics programs, so that staff can maintain current knowledge of the programs and reap the benefits of international collaboration at the forefront scientific facilities.	$567	$359	$317
Support Services: Upgrading ER information architecture to expand teleconferencing, automated systems, and wide area network access to scientific and other program management data. Providing decreasing levels of technical and administrative support to the programs.	$604	$509	$400
Other Related Expenses: The big increase from FY 1996 to FY 1997 is the addition of the Working Capital Fund to this category in FY 1997 to cover the cost of centrally provided services at Headquarters. This category also funds the hardware and software for the above noted improvements.	$389	$1,554	$1,563
Total	$9,500	$10,000	$10,200

IV. Explanation of Funding Changes from FY 1997 and FY 1998:

Increase in salaries and benefits resulting from the impact of general pay increases, promotions, and within grade increases.	$+342,000
Decrease in travel resulting from fewer travelers and increased use of alternatives to travel.	$-42,000
Decrease in support services is due to our downsizing efforts.	$-109,000
The small increase in other related expenses results from an increase in Working Capital Fund charges which is nearly offset by a decrease in information technology costs.	$+9,000
Total Funding Change, General Science Program Direction	$+200,000

Support Services	FY 1996 ($000)	FY 1997 ($000)	FY 1998 ($000)	FY 1998/FY 1997 Change ($000)
Technical Support Service				
Feasibility of Design Considerations				
Economic and Environmental Analysis	225	175	125	-50
Test and Evaluation Studies				
Subtotal	225	175	125	-50
Management Support Services				
Management Studies				
Training and Education	42	30	10	-20
ADP Support	237	224	205	-19
Administrative Support Services	100	80	60	-20
Subtotal	379	334	275	-59
Total Support Services	604	509	400	-109
Use of Prior Year Balances				

Other Related Expenses	FY 1996 ($000)	FY 1997 ($000)	FY 1998 ($000)	FY 1998/ FY 1997 Change ($000)
Training				
Working Capital Fund		1,000	1,200	+200
Printing and Reproduction	20			
Rental Space				
Software Procurement/Maintenance Activities/Capital Acquisitions	369	554	363	-191
Other				
Total Obligational Authority	$389	$1,554	$ 1,563	+9
Use of Prior-Year Balances				
Total Budget Authority	$389	$1,554	$1,563	+9