

Environment, Safety and Health

Environment, Safety and Health

Energy Supply Office of Environment, Safety and Health

Overview

Appropriation Summary by Program

(dollars in thousands)

	FY 2003 Comparable Appropriation	FY 2004 Original Appropriation	FY 2004 Adjustments	FY 2004 Comparable Appropriation	FY 2005 Request
Energy Supply (EH)					
Environment, Safety and Health Programs	6,746	7,000	-133 ^{ab}	6,867	10,000
Program Direction	15,573	16,000	-303 ^{ab}	15,697	20,474
Subtotal, Energy Supply (EH)....	22,319	23,000	-436	22,564	30,474
General Reductions	0	-302	+302	0	0
Total, Energy Supply (EH).....	22,319	22,698	-134	22,564	30,474
Other Defense Activities (EH)					
Environment, Safety & Health Programs	90,304	93,351	+8,662 ^{acd}	102,013	99,105
Program Direction	20,077	18,910	-1,057 ^{ad}	17,853	20,414
Subtotal, Other Defense Activities.....	110,381	112,261	+7,605	119,866	119,519
Use of Prior Year Balances...	-1,287	0	-500	-500	-15,000
Total, Other Defense Activities (EH).....	109,094	112,261	+7,105	119,366	104,519
Total, Energy Supply and Other Defense Activities (EH)	131,413	134,959	+6,971	141,930	134,993

^a Distribution of the rescission from the Consolidated (Omnibus) Appropriations Bill for FY 2004.

^b Spread of the Energy Supply \$10 million reduction in the FY 2004 Energy and Water Appropriation Act.

^c Amount includes a comparability reprogramming of \$9,739,886 to the Department's Employee Compensation Program in September 2003 to expedite the processing of applications submitted to DOE under Subtitle D of the Energy Employees Occupational Illness Compensation Program Act (EEOICPA).

^d Amount includes comparability transfer of \$1,475,000 for the transfer of the Defense Nuclear Facilities Safety Board Liaison to the Office of Independent Oversight and Performance Assurance.

Preface

The Office of Environment, Safety and Health (EH) is committed to ensuring that the safety and health of the DOE workforce and members of the public, and the protection of the environment are integrated into all Departmental activities.

Within the Energy Supply appropriation, the Office of Environment, Safety and Health has two programs: Environment, Safety and Health programs (two subprograms) and Program Direction (three subprograms).

This overview will describe Strategic Context, Mission, Benefits and Significant Program Shifts. These items together put this appropriation in perspective.

Strategic Context

Following publication of the Administration's National Energy Policy, the Department developed a Strategic Plan that defines its mission, four strategic goals for accomplishing that mission, and seven general goals to support the strategic goals. As stated in the Departmental Strategic Plan, DOE's Strategic and General Goals will be accomplished not only through the efforts of the major program offices in the Department but with additional effort from offices which support the programs in carrying out the mission. The Office of Environment, Safety and Health performs critical functions which directly support the mission of the Department. These functions include:

- Environment – Perform work in compliance with environmental regulations; adopt management systems that integrate environmental considerations into work planning.
- Safety – Operate to industry standards where they are relevant and available and provide regulations for those operations that are unique to DOE; perform at a level equal to or better than private industry.
- Health – Provide appropriate assistance for health issues of our former workers; assure current workers and the public are protected.
- Performance Assessment – Provide environment, safety and health performance measures to focus resources and attention of the Department.
- Price Anderson Enforcement – Carry out the statutory mandate of the Price Anderson Amendment Act of 1988 to enforce compliance with nuclear safety requirements.

Mission

The mission of the Office of Environment, Safety, and Health (EH) is to ensure the DOE performs work in a safe and environmentally compliant manner.

Benefits

DOE environment, safety and health performance expectations are communicated in Policies, Standards and Guidance, and DOE-wide ES&H Programs are developed to achieve the expected level of performance. A consistent and stable safety infrastructure is provided that leads to credible, reliable and defensible operations and programs.

EH leverages its resources and personnel to provide DOE's line management programs with essential environment, safety and health performance expectations: environment, safety and health performance measures and analysis; management tools to promote the safe conduct of work; and guidance for the protection of the environment in and around DOE sites. Integral to the Department's success is EH's skill in fostering increased awareness and providing support to line management throughout the Department, using open communications, coordinating with other industry and governmental organizations, and performance feedback on environmental, safety, and health activities, to provide the safety infrastructure that allows for and promotes the safe and environmentally responsible conduct of work.

Significant Program Shifts

None

Energy Supply
Office of Environment, Safety & Health
Funding by Site by Program

(dollars in thousands)

	FY 2003	FY 2004	FY 2005	\$ Change	% Change
Chicago Operations Office					
Argonne Nat'l Laboratory					
Policy, Standards & Guidance ...	460	425	425	0	0.0%
Idaho Operations Office					
DOE-Wide ES&H Programs	355	250	250	0	0.0%
Livermore Site Office					
Lawrence Livermore Nat'l Laboratory					
DOE-Wide ES&H Programs	80	0	0	0	0.0%
Oak Ridge Operations Office					
Oak Ridge Nat'l Laboratory					
Policy, Standards & Guidance ...	200	600	600	0	0.0%
DOE-Wide ES&H Programs	300	850	850	0	0.0%
Total, Oak Ridge Operations Office...	500	1,450	1,450	0	0.0%
Richland Operations Office					
Pacific Northwest Nat'l Laboratory					
Policy, Standards & Guidance ...	75	125	125	0	0.0%
Washington Headquarters					
Policy, Standards & Guidance ...	303	649	3,055	+2,406	+370.7%
DOE-Wide ES&H Programs	4,973	3,968	4,695	+727	+18.3%
Program Direction.....	15,573	15,697	20,474	+4,777	+30.4%
Total, Washington Headquarters.....	20,849	20,314	28,224	+7,910	+38.9%
Total, Energy Supply (EH)	22,319	22,564	30,474	+7,910	+35.1%

Site Description

Chicago Operations Office

Chicago Operations Office, Chicago, Illinois, is responsible for overseeing the operation of contractor-operated, multi-program laboratories such as Argonne National Laboratory and Brookhaven National Laboratory.

Argonne National Laboratory

Policy, Standards and Guidance

Argonne National Laboratory is 25 miles southwest of Chicago's Loop. Argonne provides support in resolving the Nation's environmental, safety, and health problems and promotes environmental, safety and health stewardship. Argonne provides specialized technical expertise on environmental and public protection issues, including analysis of emerging environmental rulemakings; develops input for inclusion in environmental guidance materials and implementation tools; provides technical support in the review of environmental impact statements (EIS) and other National Environmental Policy Act (NEPA) and related documents; provides specialized technical expertise for the development of DOE performance summaries on air resource protection and environmental releases; and provides specialized technical expertise to promote the efficient implementation of Clean Air Act requirements. Argonne also provides technical expertise for water resources, human and ecological risk assessments; and modeling capabilities for the analysis of radiological releases to the environment related to DOE operations.

Idaho Operations Office

DOE-Wide ES&H Programs

Idaho Operations Office, Idaho Falls, Idaho, executes a multi-program mission, and leverages the Idaho National Laboratory's expertise with emerging technology to meet the Nation's needs. The Radiological and Environmental Sciences Laboratory, which administers the DOE Worker Dosimetry Laboratory Accreditation Program, administratively reports to the Idaho Operations Office. The Analytical Services Program (ASP) provides support for development of a web based reporting system in support of the Department of Energy's Consolidated Audit Program.

Lawrence Livermore National Laboratory Site Office

The Lawrence Livermore National Laboratory Site Office provides liaison between the National Nuclear Security Administration services center and the site contractor.

Lawrence Livermore National Laboratory

DOE-Wide ES&H Programs

Lawrence Livermore National Laboratory (LLNL), located in California's Tri-Valley region east of San Francisco, provides continuing support to the Marshall Islands program by providing environmental sampling and analysis to determine the radiological conditions at the affected atolls and performs epidemiological site surveillance. Lawrence Livermore participates in the Epidemiologic Surveillance program through the collection and transmission of worker health and demographics data. LLNL also provides software quality assurance expertise support to maintain the code registry that is important for nuclear safety analysis throughout the complex.

Oak Ridge Operations Office

Oak Ridge Operations Office, Oak Ridge, Tennessee, is responsible for research and development, defense programs, environmental management, and environment, safety, and health activities. There are three major plant complexes on the Oak Ridge Reservation: Oak Ridge National Laboratory; Y-12 Plant; and the East Tennessee Technology Park, as well as the Oak Ridge Institute for Science and Education and the American Museum of Science and Energy. Together, these facilities represent a technological and educational resource and a major component of the East Tennessee Technology Corridor.

Oak Ridge National Laboratory

Policy, Standards and Guidance

Oak Ridge National Laboratory (ORNL), is a multi-program science and technology laboratory. Scientists and engineers at the laboratory provide specialized technical expertise in environment, safety, and health activities; and restoration and protection of the environment. ORNL provides specialized technical expertise in the operational reviews of the DOE Technical Standards Program and development of web-based platforms for environmental guidance materials and compliance tools. The laboratory provides specialized technical expertise in the development of risk-based, integrated worker safety programs through the development of input and resource information for various technical standards and guides. It also supports technical reviews and EISs and other NEPA related documents and supports technical reviews of the potential impacts of proposed environmental regulations on DOE operations.

DOE-Wide ES&H Programs

ORNL is also involved in project development, protocol development, etc., covering a wide range of Office of Health activities including descriptive epidemiologic studies, former worker medical surveillances, health studies reviews and communications, training and orientation developments related to health activities, beryllium surveillance activities of current and former workers, development of competencies and response to medical outcomes noted in worker populations, and input to developmental needs to revise or update worker protection requirements.

Richland Operations Office

Richland Operations Office, Richland, Washington, manages waste products; develops, applies, and commercializes technologies; manages environment, safety, and health activities; and supports cleanup and environmental restoration.

Pacific Northwest National Laboratory

Policy, Standards and Guidance

Pacific Northwest National Laboratory (PNNL), Richland, Washington, develops and delivers new and effective environment, safety, and health technologies. PNNL provides specialized technical expertise on environmental and public protection issues, including analysis of emerging rulemakings and input for the development of environmental guidance materials and implementation tools. This specialized support includes input for the development of DOE performance summaries on air resource protection and implementation of Clean Air Act requirements, water resources, and human and ecological risk assessments related to DOE releases, pollution prevention, and affirmative procurement of environmentally preferable products. PNNL provides specialized technical expertise in all aspects of radiological operations at DOE sites with Radiological Control Programs. This expertise involves knowledge of radiological operations, radiological practices, processes, and systems across the DOE complex. Specialized technical expertise provides input for health physics, development of implementation guides, technical standards and technical solutions for specific radiological control problems. PNNL's specialized technical expertise supports the development and implementation of the DOE Laboratory Accreditation Program, and other DOE corporate safety programs. It also supports technical reviews of EISs and other NEPA and related documents.

Washington Headquarters

Policy, Standards and Guidance

The Environmental Studies Program requires technical support in reviewing cost and technical issues relating to implementing the requirements of proposed and new environmental legislation and regulations at DOE operations. Technical support is also required in the development of models and other tools to perform quantitative and trending analysis of DOE's environmental performance and in reviewing Environmental Impact Statements and other NEPA-related documents.

DOE-Wide ES&H Programs

The Office of health requires contractor support to facilitate the implementation of health studies reviews and communication. Additional contracted efforts involve support to the development of worker-based safety programs, the creation of model medical programs, and the assessment of core competencies and program development strategies for each of the organizational elements in the Office of Health.

Environment, Safety and Health Program

Funding Profile by Subprogram

(dollars in thousands)

	FY 2003 Comparable Appropriation	FY 2004 Original Appropriation	FY 2004 Adjustments	FY 2004 Comparable Appropriation	FY 2005 Request
Environment, Safety and Health					
Policy, Standards and Guidance	1,038	1,827	-28	1,799	4,205
DOE-Wide ES&H Programs.	5,708	5,173	-105	5,068	5,795
Total, Environment, Safety and Health.....	6,746	7,000	-133	6,867	10,000

Public Law Authorizations:

Public Law 95-91, "Department of Energy Organization Act"

Public Law 103-62, "Government Performance and Results Act of 1993"

Public Law 83-703, "Atomic Energy Act of 1954"

Mission

The mission of the Office of Environment, Safety and Health (EH) is to provide the corporate infrastructure and technical resources that enable work to be performed in a safe and environmentally sound manner. EH provides corporate environment, safety and health performance expectations in the form of policy and standards, technical expertise to support line management's implementation of those expectations, and corporate programs that contribute directly to advancing work activities in support of the Department's mission.

Benefits

Within the Energy Supply appropriation, EH plays a key role in achieving the Department's missions. EH identifies and addresses emerging safety vulnerabilities and partners with line management to resolve nuclear, radioactive, chemical, and industrial hazards. Many of the activities involve performing crosscutting DOE-wide environment, safety, and health functions similar to those performed by any corporate safety office, e.g., supporting accreditation programs for worker radiation protection monitoring, administering DOE's Voluntary Protection Program to promote excellence in safety management, and collecting and analyzing DOE-wide environment, safety, and health performance data to identify opportunities to advance the DOE mission through proactive intervention. EH maintains close contacts with private industry, regulatory agencies, independent standard-setting groups, and national and international environment, safety, and health organizations, and facilitates information exchanges between DOE line management and their counterparts in the private sector. EH staff also provides corporate advice and consultation to DOE managers in developing improved strategies for including environment, safety and health in planning and conducting work; applying regulations (guidance on Environmental Protection Agency (EPA), Occupational Safety and Health Administration

(OSHA), the States, and Nuclear Regulatory Commission (NRC) regulation); and promulgating DOE policy, requirements, and implementation guidance. EH actions encourage line program efforts to prevent injuries and illnesses; establish environment, safety, and health budget priorities; advocate cost-effective regulation from external sources and from internal environment, safety, and health policies and guidance; and avoid risks attendant to the unprecedented hazards that must be managed effectively across DOE.

EH activities funded within the Energy Supply appropriation are concentrated into two programmatic areas: Policy, Standards and Guidance and DOE-Wide ES&H Programs. This alignment serves to characterize EH as a corporate resource to advance the DOE mission while promoting the establishment of effective and efficient environment, safety, and health programs. In addition, a program direction decision unit includes funding for a portion of EH Federal staff and the EH Working Capital Fund.

Detailed Justification

(dollars in thousands)

FY 2003	FY 2004	FY 2005
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Policy, Standards and Guidance.....	1,038	1,799	4,205
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Policy, standards and guidance are issued to assure that people, property and the environment are adequately protected from the hazards of DOE activities. The policies and standards being applied at DOE facilities must reasonably assure that personnel and property are afforded at least the same level of protection as that in the private sector. For most DOE facilities, DOE assumes direct regulatory authority for safety and health as provided by the Atomic Energy Act of 1954, as amended. Safety and quality assurance policy, standards and guidance must therefore take into account the unique nuclear, chemical and industrial hazards posed by DOE operations and must be current with worldwide technologies, knowledge and experience.

EH's Nuclear and Facility Safety Policy programs establish the nuclear and facility safety requirements and expectations when working with workplace hazards and safety issues such as nuclear materials, criticality, fire, seismic, tornados, flooding, electrical, explosives, construction, maintenance, nuclear training, and conduct of operations. In FY 2005, DOE nuclear and facility safety policies and standards will be enhanced to reflect knowledge updated commercial codes and standards, changing DOE missions and work environments, and to emerging safety issues that are encountered continuously when working with hazardous materials or in aging facilities.

Included in the Nuclear and Facility Safety Policy Programs are the DOE Technical Standards Program (TSP) and DOE's annual fee to the Institute of Nuclear Power Operations (INPO). INPO is a non-profit organization established by the commercial nuclear power industry to promote the highest levels of safety and reliability in the operation of nuclear power plants. For an annual membership fee, the Department maintains access to INPO methodologies, standards and information databases. Additionally, INPO provides direct technical assistance to DOE and its operating contractors. INPO increased its fee to DOE by 100K in FY 2004, with a 4% annual escalation in FY 2005.

EH's Worker Safety and Health Policies promote the conduct of mission essential work in a safe manner while maintaining safety performance well above the national average. Activities in FY 2004 included the consolidation and integration of DOE safety and health standards and policy consistent with the principles of Integrated Safety Management and published their Congressionally mandated Occupational Safety and Health Rule, (10 CFR 851). The Rule will be implemented in FY 2005.

In FY 2004, a greater link was made between Epidemiologic Studies conducted to evaluate the adequacy of historical worker safety and health policy and implications to current policy. The need for new studies and surveillance to enhance worker standards and policy will be determined. In FY 2005 EH will implement the results of this evaluation through the modification of the epidemiologic and medical surveillance programs and modification, as appropriate, of worker safety and health standards policy.

Also, 29 CFR 1960 requires a documented Federal Employee Occupational Safety and Health (FEOSH) program for Federal employees. In FY 2005, the FEOSH program will focus on the conduct of facility and worker walkthroughs and inspections to identify opportunities to assure a safe work environment.

EH's Regulatory Liaison Program ensures that Department of Energy policies and standards relating to facility safety are consistent with other Federal and industry regulations. This liaison also ensures that DOE environment, safety, health, emergency management and safety management policies and standards are based on best available information. Regulatory Liaison interacts with the Occupational Safety and Health Administration (OSHA), the U.S. Nuclear Regulatory Commission (NRC), the National Aeronautics and Space Administration (NASA), and Federal Departments of Transportation, Health and Human Services, Homeland Security, the Defense Nuclear Facilities Safety Board, national and international standards and regulatory bodies, various industry groups, such as the Institute of Nuclear Power Operations and the Energy Facilities Contractors Group and other DOE offices on topics such as safety and health standards, statutes, regulatory reform, external regulation, emergency management, and privatized facilities.

EH's Environmental Policies, Standards and Guidance Program ensures the Department performs work in an environmentally sound and compliant manner. Environmental Protection Policy and Regulatory Activities ensure that the Department's policies, orders, and guides promote sound environmental practices and the reduction of environmental releases and waste generation during DOE's operations. EH's Environmental Requirements Compliance Support enables DOE elements to comply with external environmental protection requirements in a cost-effective manner. EH will continue to develop timely guidance to assure DOE-wide understanding of newly promulgated environmental requirements, and to respond to request from DOE line management to assist in the development of cost-effective strategies for compliance with new environmental regulations. Environmental Regulatory Review and Comment Activities are essential to ensure that the unique circumstances posed by DOE operations and cleanups are accounted for in the regulatory development process. EH's Environmental Reporting Activities document DOE's line managers and the public with information on the Department's compliance with environmental standards and progress towards meeting performance goals for radiation protection and pollution prevention.

(dollars in thousands)

FY 2003	FY 2004	FY 2005
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DOE-Wide Environment, Safety and Health Programs.....	5,708	5,068	5,795
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EH's DOE-Wide Environment, Safety, and Health (ES&H) Programs improve worker and nuclear facilities safety and protect the public and the environment through the efficient management of several DOE-wide programs. These Environment, Safety and Health Programs have two fundamental goals: improving worker and nuclear facility safety, and protecting the public and the environment. EH's activities under these programs often require the development of state-of-the-art analysis tools and approaches, because the nature and mix of radioactive, hazardous, and toxic materials at DOE facilities are unique. EH's efforts span the design, construction, operation, maintenance, decontamination and decommissioning, and cleanup of nuclear weapons productions and research-related facilities; construction safety; work planning activities, including techniques to identify, evaluate and eliminate hazards; methods for reducing or eliminating release of pollutants; and the identification of technologies and innovative adaptations of existing practices.

Several programs are specific to worker safety. EH has responsibility for the Department of Energy Laboratory Accreditation Program (DOELAP). DOELAP is an accreditation (certification) program that provides assurance that worker radiation exposures are being accurately measured. EH's Radiation Exposure Monitoring System (REMS) project is the compilation and annual reporting of all DOE worker radiation exposures as required by Rule 10 CFR 835, "Occupational Radiation Protection." EH's nationally recognized Voluntary Protection Program (VPP) results in enhanced worker safety protection and cost savings. In FY 2005, DOE will continue to re-certify DOE contractor VPP status and evaluate new applications for VPP status. Also in FY 2005, EH will develop and implement an enforcement policy to ensure compliance with the Congressionally mandated Occupational Safety and Health Rule (10 CFR 851).

EH will continue its programs related to environmental compliance. In FY 2005, EH will develop new DOE pollution prevention goals for recycling and toxic chemical use and release reductions. Pursuant to development of a new, Department-wide pollution prevention program plan during FY 2004, EH will provide a roadmap for continuous improvement in DOE's pollution prevention efforts. EH will provide instruction and guidance on a variety of issues related to Departmental responsibilities under Executive Orders related to pollution prevention and environment management systems.

In FY 2005, EH will continue to guide DOE programs in their planning and execution of complete National Environmental Policy Act (NEPA) analyses. EH will conduct independent compliance assurance reviews for more than 15 major Environmental Impact Statements and related documents. Policy and guidance will be developed to streamline the environmental review process and promote completing legally sufficient Environmental Impact Statements within 15 months.

The EH Information Management Services Program provides cost-effective management of centralized environmental, safety, and health information. The program also conducts activities to support the President's Management Agenda to expand electronic government. Information services provided include on-line access to environment, safety and health related industry standards, programs, policies and activities; access to a commercial standards subscription service; and access to historical ES&H information for all DOE operations and sites.

Explanation of Funding Changes

FY 2005 vs.
FY 2004
(\$000)

Policy, Standards and Guidance

- Reflects a net increase in FY 2005 requirements resulting from the following:
 - Activities involving the development of guidance for implementation of the Occupational Safety and Health Rule and other guidance and policy originally scheduled for FY 2004 have been moved into FY 2005 of work thereby increasing costs
 - Expenditures for increased INPO fee in FY 2005.
 - Transfer in FY 2005 of a major portion of the Technical Standards Program into DOE-Wide Environment, Safety and Health Programs.
 - Other minor program increases..... +2,406

DOE-Wide Environment, Safety and Health Programs

- Reflects an increase in FY 2005 requirements resulting from the following:
 - Transfer in FY 2005 of a major portion of the Technical Standards program into DOE-Wide Environment, Safety and Health.
 - Enforcement of the new Occupational Safety and Health Rule together with increases in other minor program activities..... +727

Total Funding Change, Energy Supply, Environment, Safety and Health Programs.....	+3,133
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Program Direction

Funding Profile

(dollars in thousands/whole FTEs)

	FY 2003	FY 2004	FY 2005	\$ Change	% Change
Headquarters					
Salaries and Benefits.....	11,212	10,797	13,900	+3,103	+28.7%
Travel.....	300	500	800	+300	+60.0%
Other Related Expenses	4,061	4,400	5,774	+1,374	+31.2%
Total, Program Direction.....	15,573	15,697	20,474	+4,777	+30.4%
Full Time Equivalentents	102	101	101	0	0.0%

Mission

Program Direction in this account provides overall direction and support for Environment, Safety, and Health (EH) Energy Supply programs to ensure that all operations are conducted in the most efficient and effective manner. Program Direction in this account is as follows:

All costs of transportation, subsistence, and incidental expenses for EH's Federal employees are provided for in accordance with Federal Travel Regulations. Also, provided for are the EH Working Capital Fund and training for Federal staff. The Working Capital Fund provides for non-discretionary prorated costs for items such as space utilization, computer and telephone usage, mail service, and supplies. Training includes tuition for EH Federal employees. Also included is full funding of pension and annuitant health care benefits, and funding for competitive sourcing studies. DOE's Strategic and General Goals will be accomplished not only through the efforts of the major program office in the Department but with additional effort from staff offices, which support the programs in carrying out the mission. DOE's staff offices perform critical functions necessary for success in achieving the Department's goals which include, but are not limited to, managing information technology, ensuring sound legal advice and fiscal stewardship, developing and implementing uniform program policy and procedures, maintaining and supporting our workforce, safeguarding our work spaces, and providing Congressional and public liaison.

As stated in the Departmental Strategic Plan, DOE's Strategic and General Goals will be accomplished not only through the efforts of the major program offices in the Department but with additional effort from offices which support the programs in carrying out the mission. The Office of Environment, Safety and Health performs critical functions which directly support the mission of the Department. These functions include funding for a Federal staff that have the technical expertise to carry out the essential EH mission. The EH mission requires experts to develop overall environment, safety, and health policy for DOE sites and facility operations; to provide a central and coordinated source of technical expertise to all field elements; to provide a central clearing house for information, analysis and feedback regarding new efforts, present activities, and unforeseen occurrences taking place at the multitude of diverse

facilities within the DOE complex; to provide the Department with the capability to perform activities relative to environment, safety, and health programs across the DOE complex; and oversee the Department's health studies endeavors.

Detailed Justification

(dollars in thousands)

	FY 2003	FY 2004	FY 2005
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Salaries and Benefits	11,212	10,797	13,900
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In the Program Direction activity, salaries and benefits are reflective of the FTE split between Energy Supply and Other Defense Activities. This category funds full-time permanent and other than full-time permanent employees' salaries, overtime pay, cash incentive awards, lump sum leave payments, Senior Executive Service, other performance awards, and payments to the workman's compensation fund. Salaries and benefits are based on the latest OMB economic assumptions for Federal pay and personnel-related costs. The Civilian Pay Raise is 1.5% in FY 2005.

Travel	300	500	800
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Overall, EH travel requirements are in line with the EH Federal staff levels and currently estimated needs.

Other Related Expenses	4,061	4,400	5,774
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This provides for the Working Capital Fund, based on guideline estimates issued by the Working Capital Fund Manager. This funding covers non-discretionary prorated costs such as space utilization, computer and telephone usage, mail service, supplies and electronic services. Funding also supports EH office expenditures for printing and reproduction, telecommunication needs, ADP maintenance and training for Federal staff, including the tuition costs for EH Federal employees. The tuition costs were transferred to Other Related Expenses from EH Management and Administration at the direction of Congress in the FY 1999 appropriation process. Funding is also provided for competitive sourcing studies.

There are no support services contracts in Program Direction.

Total, Program Direction	15,573	15,697	20,474
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Explanation of Funding Changes

FY 2005 vs.
FY 2004
(\$000)

Salaries and Benefits

- Funding requirements are commensurate with the allocation on Federal staff among EH programs based on current staffing needs. Increases for Salaries and Benefits are based on the latest OMB economic assumptions (1.5% for civilian pay raises). This category includes funding for cost of living adjustments, locality pay, within-grade increases, lump sum payments, and awards. The rates are based on EH actual experience along with the OMB guidance +3,103

Travel

- Funding increase based on estimated needs to travel to EH sites +300

Other Related Expenses

- Increase due to higher estimated requirements from the Working Capital Fund, the need for various services procured related to the recent program reorganization..... +1,374

Total Funding Change, Program Direction..... **+4,777**

Other Related Expenses by Category

(dollars in thousands)

	FY 2003	FY 2004	FY 2005	\$ Change	% Change
Training.....	50	100	100	+ 0	+ 0.0%
Working Capital Fund	3,811	4,000	4,712	+712	+17.8%
Other Services Procured	200	200	962	+762	+381.0%
Competitive Sourcing Studies	0	100	0	-100	-100.0%
Total, Other Related Expenses	4,061	4,400	5,774	+1,374	+31.2%