

**Other Defense Activities**  
**Proposed Appropriation Language**

For Department of Energy expenses, including the purchase, construction, and acquisition of plant and capital equipment and other expenses, necessary for atomic energy defense, other defense activities, and classified activities, in carrying out the purposes of the Department of Energy Organization Act (42 U.S.C. 7101 et seq.), including the acquisition or condemnation of any real property or any facility or for plant or facility acquisition, construction, or expansion, [~~\$755,000,000~~]*\$753,000,000*, to remain available until expended: Provided, That [~~\$127,035,000~~]*\$210,607,000* shall be available until September 30, 2016, for program direction.

**Explanation of Changes**

The Office of Health, Safety and Security activities are split between two new lines of organization; Environment, Health, Safety and Security, and Independent Enterprise Assessments. As in FY 2014, Idaho site-wide safeguards and security activities are requested in the Nuclear Energy account for FY 2015. Elements of Defense Related Administrative Support that offset Program Direction elements within Departmental Administration have been included in the computation of the amount in the proviso for Program Direction.

## Other Defense Activities

(\$K)			
FY 2013 Current	FY 2014 Enacted	FY 2014 Current	FY 2015 Request
760,030	755,000	755,000	753,000

### Overview

The Other Defense Activities appropriation funds elements that relate to and support the defense oriented activities within the Department. These include Environment, Health, Safety and Security; Independent Enterprise Assessments, Specialized Security Activities, Legacy Management, Hearings and Appeals, and Defense Related Administrative Support (DRAS). Funding from DRAS is used to offset funding within the DA appropriation for the Chief Information Officer and the Chief Financial Officer work supporting defense oriented activities in the Department.

### Highlights and Major Changes in the FY 2015 Budget Request

- The Office of Health, Safety and Security has been reorganized within DOE into two elements; Environment, Health, Safety and Security; and Independent Enterprise Assessments. The request parallels that reorganization and budgets are submitted for those two new programs.
- As in FY 2014, Idaho Sitewide Safety and Security is requested within the Nuclear Energy Appropriation.

**Other Defense Activities**  
**Funding by Congressional Control (\$K)**

	<b>FY 2013 Current</b>	<b>FY 2014 Enacted</b>	<b>FY 2014 Adjustments</b>	<b>FY 2014 Current</b>	<b>FY 2015 Request</b>	<b>FY 2015 vs FY 2014 Enacted</b>
Health, Safety and Security	230,184	251,917	—	251,917	—	-251,917
Specialized Security Activities	171,396	202,242	—	202,242	202,152	-90
Environment, Health, Safety and Security	—	—	—	—	180,998	+180,998
Independent Enterprise Assessments	—	—	—	—	73,534	+73,534
Office of Legacy Management	155,699	176,983	—	176,983	171,980	-5,003
Idaho Sitewide Safeguards and Security	89,853	—	—	—	—	—
Defense-Related Administrative Support	109,095	118,836	—	118,836	118,836	—
Office of Hearings and Appeals	3,803	5,022	—	5,022	5,500	+478
<b>Total, Other Defense Activities</b>	<b>760,030</b>	<b>755,000</b>	<b>—</b>	<b>755,000</b>	<b>753,000</b>	<b>-2,000</b>

**Other Defense Activities  
Budget Structure Changes**

In FY 2015, the Health, Safety and Security has been reorganized within DOE into two elements; Environment, Health, Safety and Security; and Independent Enterprise Assessments. The request parallels that reorganization and budgets are submitted for those two new programs.

**Comparability Matrix (\$K)**

**Proposed FY 2015 Budget Structure**

<b>Environment, Health, Safety and Security</b>	<b>Independent Enterprise Assessments</b>	<b>Total</b>
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**FY 2014 Budget Structure**

Health, Safety and Security

**Total, HSS, EHSS, and IEA**

**180,998**

**73,534**

**254,532**

## Health, Safety and Security

### Overview

Health, Safety and Security (HSS) demonstrates the unwavering commitment of the U.S. Department of Energy (DOE or Department) to maintain a safe and secure work environment for all Federal and contractor employees, ensure that operations do not adversely affect the health and safety of the surrounding communities, and protect national security assets entrusted to the Department. HSS provides clear policy guidance, assistance and training in policy implementation, and a focused and integrated corporate-level analysis of operating experience and independent oversight that identifies existing and potential problem areas to provide managers with a solid foundation for implementing effective DOE-wide activities and solutions in the areas of health, safety, and security.

HSS assists the Department in achieving its mission in a safe, secure, environmentally responsible manner by integrating worker health, safety, and security functions to address crosscutting issues; increase collaboration and sharing of technical expertise; and increase accountability for worker health, safety, and security responsibilities. This approach and functional alignment of responsibilities within HSS prevents redundancy in reporting requirements, provides consistency in policy and guidance development and technical assistance, and increases the effectiveness of communication and accountability for worker health, safety, and security.

In FY 2013, HSS assisted in the completion of all nuclear safety improvement actions in response to the Fukushima Daiichi nuclear disaster; completed safety culture reviews at select nuclear construction projects and operations; and completed safeguards and security reviews and initiated safeguards and security independent oversight inspections of Category I Special Nuclear Material sites. In FY 2014, HSS is scheduled to complete a corporate awareness and outreach campaign across the DOE complex to ensure effective implementation of 10 C.F.R. 851, *Worker Safety and Health Program*; promulgate guidance for work planning and control at the activity-level; assist in the implementation of the revised Graded Security Protection Policy; and continue independent oversight reviews of Category I Special Nuclear Material sites and line management self-assessments of safety conscious work environments.

HSS analyzes and adjusts priorities and activities based on emerging Departmental goals, significant Departmental events, program reviews with HSS directors, and the results of independent oversight appraisals and enforcement actions. HSS uses insights and findings from other Departmental elements, such as the Inspector General, and external organization reviews, such as those from the Defense Nuclear Facilities Safety Board and the Government Accountability Office, to further refine strategies.

### Highlights of the FY 2015 Budget Request

On February 12, 2014, the Secretary of Energy announced the next steps in the Department's reorganization plan to better focus the Energy Department's efforts on all four mission areas of the Department, including nuclear security, solving the Nation's energy challenges, advancing fundamental science and environmental stewardship. As part of this reorganization, the existing Office of Health, Safety and Security health, safety, environment, and security policy, assistance, and corporate program activities as well as DOE Headquarters security operations will be integrated into the Office of the Under Secretary for Management and Performance as the Office of Environment, Health, Safety and Security. The existing Office of Health, Safety and Security independent oversight, enforcement, safety and security training, and outreach activities will comprise the Office of Independent Enterprise Assessment, reporting directly to the Office of the Secretary. The FY 2015 funding for these realigned activities is included in separate requests.

**Health, Safety and Security  
Funding (\$K)**

	<b>FY 2013 Current</b>	<b>FY 2014 Enacted</b>	<b>FY 2014 Current</b>	<b>FY 2015 Request<sup>1</sup></b>	<b>FY 2015 vs FY 2014 Enacted</b>
<b>Health, Safety and Security</b>					
<b>Health and Safety</b>					
Worker Safety	3,721	4,846	4,846	—	-4,846
Nuclear Safety	14,906	12,317	12,317	—	-12,317
Environment	2,007	2,407	2,407	—	-2,407
Health Programs					
Domestic Health Programs					
Health Research	2,550	2,550	2,550	—	-2,550
Former Worker Medical Screening	19,850	19,850	19,850	—	-19,850
Employee Compensation Program	6,000	6,340	6,340	—	-6,340
International Health Programs					
Russian Health Studies	2,750	2,750	2,750	—	-2,750
Japanese Health Studies	14,000	14,000	14,000	—	-14,000
Marshall Islands Program	6,300	6,300	6,300	—	-6,300
Total, Health Programs	51,450	51,790	51,790	—	-51,790
Enforcement	1,000	1,947	1,947	—	-1,947
<b>Total, Health and Safety</b>	<b>73,084</b>	<b>73,307</b>	<b>73,307</b>	<b>—</b>	<b>-73,307</b>
<b>Security</b>					
Safety & Security Training	14,500	15,000	15,000	—	-15,000
Security Operational Support	5,682	5,762	5,762	—	-5,762
Classification, Declassification and Controlled Information	8,707	8,707	8,707	—	-8,707
Security Investigations	6,653	9,850	9,850	—	-9,850
Headquarters Security Operations	27,920	30,990	30,990	—	-30,990
<b>Total, Security</b>	<b>63,462</b>	<b>70,309</b>	<b>70,309</b>	<b>—</b>	<b>-70,309</b>
<b>Total, Health, Safety and Security</b>	<b>136,546</b>	<b>143,616</b>	<b>143,616</b>	<b>—</b>	<b>-143,616</b>
<b>Program Direction</b>	<b>93,639</b>	<b>108,301</b>	<b>108,301</b>	<b>—</b>	<b>-108,301</b>
<b>Total, Health, Safety and Security</b>	<b>230,185</b>	<b>251,917</b>	<b>251,917</b>	<b>—</b>	<b>-251,917</b>

<sup>1</sup> FY 2015 funding is included in the Independent Enterprise Assessments and Environment, Health, Safety and Security budget requests within the Other Defense Activities appropriation.

**Health, Safety and Security**  
**Explanation of Major Changes (\$K)**

<b>FY 2015 vs FY 2014 Enacted</b>
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**Health, Safety and Security:** Beginning in FY 2015 current HSS independent oversight, enforcement, safety and security training, and outreach activities will be funded by Independent Enterprise Assessments; all other activities will be funded by Environment, Health, Safety and Security. Program Direction funding will be apportioned between the two new programs. All activities are to remain within the Other Defense Activities appropriation.

**-251,917**

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**Total, Health, Safety and Security**

**-251,917**

## Health and Safety

### Description

The Health and Safety subprogram provides technical and analytical expertise to protect and enhance the safety of DOE workers, the public, and the environment. This subprogram maintains policies and guidance for the promotion of safe, environmentally sound work practices to ensure best-in-class performance in occupational, facility, nuclear, and radiation safety; protection of the environment and cultural and natural resources; and quality assurance. Health and Safety provides assistance to DOE offices and laboratories through site-specific activities, such as nuclear facility safety basis reviews, and corporate-wide services, such as accrediting commercial laboratories used by DOE sites for regulatory compliance and employee monitoring programs; administering the accident investigation program; supporting the Radiation Emergency Assistance Center/Training Site; and operating the Filter Test Facility. Corporate databases, such as those pertaining to accidents and illnesses, occurrence reporting, radiation monitoring and dose assessment, safety basis information, and hazardous substances inventories are maintained and used to support analyses of health and safety performance for senior management.

Health and Safety provides technical support for the implementation of Department-wide safety and environmental programs such as the DOE Federal occupational safety and health program, the voluntary protection program which encourages and rewards safety performance that exceeds industry averages through universally recognized certifications, environmental management systems which support sustainable practices that promote pollution prevention, greenhouse gas reduction, and effective resource utilization, and radiological clearance and control programs for the safe reuse and recycle of DOE equipment and materials and radiological release of lands and buildings. This subprogram also provides support to the Department of Labor for the implementation of the Energy Employees Occupational Illness Compensation Program Act, the former worker medical screening program, and radiation health studies in Japan and Russia. These projects and programs provide for the evaluation and documentation of health effects and outcomes that support the basis for national and international worker protection policies and standards, which, in turn, provide updated levels of protection appropriate for the risk posed to DOE workers and the public. The Health and Safety subprogram provides for the implementation of the worker safety and health, nuclear safety, and classified information security enforcement programs to ensure contractors' adherence to applicable regulations and promote proactive improvement of safety and security performance.

### Worker Safety

Worker safety and health policies promote safe work practices throughout the Department to achieve best-in-class safety performance as compared to similar industrial operations thus assuring that work is conducted with a full understanding of health- and safety-related risks, controls necessary to mitigate those risks are implemented, and worker compensation liabilities are minimized and/or avoided. Funding provides for the maintenance of existing standards and the development of new requirements based on new or evolving working conditions; technical assistance to DOE programs, laboratories, and sites in implementing health and safety requirements and programs; promotion of improvements in overall safety culture; and implementation of corporate health- and safety-related programs and information technology systems. Funding also provides for collecting, analyzing, and trending operational data to identify strengths and weaknesses of safety programs in support of continuous improvement in safety performance.

### Nuclear Safety

Nuclear safety activities include establishing and maintaining nuclear safety policies and requirements to ensure adequate protection of workers, the public, and the environment from hazards associated with the design and operation of DOE nuclear facilities. This includes the establishment of general facility safety requirements in fire protection, response to natural phenomena, maintenance, and quality assurance to ensure that products and services meet or exceed the Department's objectives. Nuclear safety provides assistance to field elements in implementing requirements and resolving issues; and provides oversight of DOE nuclear operations and facilities.

### Environment

Environmental activities support DOE's strategic sustainability performance objectives by fostering efficient use of resources and energy, assisting in the responsible management of natural and cultural resources on and around DOE facilities, reducing DOE's carbon footprint, and avoiding future environmental liabilities. Funding provides technical support for the development of policies, requirements, and guidance related to environmental compliance; the encouragement of green purchasing; sustainable environmental stewardship, pollution prevention, and greenhouse gas reduction; and implementation of environmental performance tracking across the DOE complex. Environmental activities also provide

technical support to ensure DOE's environmental radiation protection program is consistent with the Department's risk management strategies and national and international radiation protection standards associated with the management of DOE radioactive wastes and associated property. Funding supports programs that provide assurance that environmental monitoring and sampling data meet DOE data quality objectives and ensures computer codes that are used to demonstrate compliance with DOE public and environmental protection requirements are appropriate and employ the best science. Funding also supports the development and maintenance of plans, models, and guidance to respond to radiological- and nuclear-related emergencies.

Domestic Health Programs: Health Research

Domestic health research activities provide for the conduct of health studies on DOE workers and communities surrounding DOE sites, technical assistance to DOE Programs in addressing specific health issues, support to national assets used to respond to radiological events throughout the country, and expertise to support national and international efforts in response to disease outbreaks. These activities also support the maintenance of the electronic comprehensive epidemiologic data resource and the beryllium and U.S. transuranium and uranium registries; and access to the data these systems contain.

Domestic Health Programs: Former Worker Medical Screening

Former worker medical screening activities provide for the conduct of medical screenings for former DOE and DOE-related beryllium vendor employees to identify adverse health conditions that may have resulted from work conducted at DOE or DOE-related beryllium vendor facilities on behalf of DOE, as mandated by Congress in the FY 1993 Defense Authorization Act (Public Law 102-484). Workers who are found to have illnesses related to work on behalf of DOE are referred to the Department of Labor for potential compensation through the Energy Employees Occupational Illness Compensation Program Act.

Domestic Health Programs: Employee Compensation Program

DOE Energy Employees Occupational Illness Compensation Program Act (EEOICPA) activities support the implementation of Parts B and E of the Act by the Department of Labor to provide compensation to DOE and DOE-related vendor employees who have become ill as a result of work for DOE. Part B provides for compensation to workers with beryllium disease, silicosis, or radiation-induced cancer, and Part E provides for compensation and medical benefits to DOE contractor and subcontractor employees whose illnesses were caused by exposure to any toxic substance, such as beryllium or other chemical hazards. DOE's support consists primarily of providing information regarding employment status, exposures to radiation and toxic substances, and operational history of DOE facilities to the Department of Labor, the National Institute for Occupational Safety and Health, and the President's Advisory Board on Radiation and Worker Health in support of claims filed by current and former DOE Federal and contractor employees.

International Health Programs: Russian Health Studies

The Russian health studies program supports the collaborative radiation health effects research program between U.S. and Russian scientists to determine the risks associated with working at or living near Russian former nuclear weapons production sites. The research is performed under the Cooperation in Research on Radiation Effects for the Purpose of Minimizing the Consequences of Radioactive Contamination on Health and the Environment, an agreement between the United States and Russia that was signed in 1994 and renewed in 2000, 2007, and 2011. The agreement is implemented through the Joint Coordinating Committee for Radiation Effects Research, representing agencies from the United States and the Russian Federation. The goals of the program are to better understand the relationship between health effects and chronic, low-to-medium radiation exposure; determine radiation-induced cancer risks from exposure to gamma, neutron, and alpha radiation; and improve and validate U.S. and international radiation protection standards and practices.

International Health Programs: Japanese Health Studies

The Japanese health studies activity supports the Radiation Effects Research Foundation, managed through a bi-national agreement between the United States and Japan, to conduct epidemiologic studies and medical surveillance of the survivors of the atomic bombings of Hiroshima and Nagasaki. The foundation engages in innovative science to develop new research methods and approaches for assessing radiation health effects that are used as a basis for the development of radiation standards.

#### International Health Programs: Marshall Islands Program

The Marshall Islands program provides for medical surveillance and treatment of Marshallese citizens affected by the nuclear weapons testing conducted by the United States in the Pacific Ocean between 1946 and 1958. The program also provides for environmental monitoring in support of safe resettlement of four atolls affected by the testing. The work is performed as required by the Compact of Free Association Acts of 1986 and 2003 between the United States and the Republic of the Marshall Islands and the Insular Areas Act of 2011 requiring enhanced monitoring of Runit Island Nuclear Waste Containment Structure beginning in FY 2013.

#### Enforcement

DOE's worker safety and health, nuclear safety, and classified information security enforcement activities implement programs specified in 10 C.F.R. 851, Worker Safety and Health Program; 10 C.F.R. 820, Procedural Rules for DOE Nuclear Activities; and 10 C.F.R. 824, Procedural Rules for the Assessment of Civil Penalties for Classified Information Security Violations. The goals of these enforcement activities are to ensure that DOE contractors adhere to worker safety and health, nuclear safety, and classified information security requirements, and to promote proactive improvement of worker and nuclear safety and security performance through timely self-identification, reporting, and correction of noncompliant conditions to enable contractors to achieve excellence in mission accomplishment without the need for enforcement actions.

## Security

### **Description**

The Security subprogram provides support to develop and assist in the implementation of safeguards and security programs that provide protection to national security and other vital national assets entrusted to DOE, and to implement the U.S. Government's nuclear weapons-related technology classification and declassification program. Policies and guidance related to physical, personnel, and information security and nuclear materials accountability are designed to promote responsiveness to national security needs and changing threat environments. Assistance is provided to DOE program and site offices and laboratories via working groups, site-specific support, and corporate program support to implement cost-effective security measures tailored to Departmental mission accomplishment. Training programs provide Department-wide assistance in developing and maintaining the proficiency and competency of DOE safety and security personnel. Corporate security-related information management systems are maintained to identify and reduce the potential for undue risk to individual sites, the Department, and national security. This subprogram also provides for the continuous physical protection and security of DOE facilities and information in the National Capital Area and access authorization security background investigations for DOE Headquarters Federal and contractor personnel. Additionally, DOE implements the information control program for the U.S. Government to mitigate national security threats by preventing the release of information regarding weapons of mass destruction and other data that could lead to damage of the Nation's energy infrastructure. Support is also provided to review over 400 million pages of documents backlogged at the National Archives for potential release as required by Executive Order.

### Safety and Security Training

This activity develops and maintains the proficiency and competency, and builds the management excellence, of DOE safety and security personnel, in direct support of Departmental objectives, through standardized training for the protection of the environment, the safety and health of the public and the workforce, and the security of critical Departmental and national security assets. The DOE National Training Center, located in Albuquerque, New Mexico, serves as the primary resource for DOE safety and security training.

### Security Operational Support

Security operational support provides technical expertise to develop safeguards and security requirements and guidance; provide assistance to DOE operations; and maintain and manage corporate-level safeguards and security-related programs and information technology systems. These activities support Departmental objectives by providing an appropriately tailored level of security requirements for a wide range of scientific, research, and national security operations based on the significance of the national assets involved. Security policies, requirements, and guidance are developed to be clear and easily implemented, with the goal of securing nuclear material and classified matter and protecting the highly specialized DOE workforce.

### Classification, Declassification, and Controlled Information

The classification, declassification, and controlled information activity ensures that the Department meets its statutory responsibility to implement the U.S. Government-wide program to classify and declassify nuclear weapons-related information (i.e., Restricted Data and Formerly Restricted Data) in order to prevent proliferation of nuclear weapons and technology. Funding for this activity supports the implementation of Executive Order 13526, Classified National Security Information, to classify other information critical to national security (i.e., National Security Information), such as security-related information concerning U.S. nuclear sites, energy critical infrastructure, and chemical/biological and radiological dispersal devices. Funding provides for declassification review of DOE records and the development of policies, requirements, and guidance and technical support for the protection of controlled unclassified information.

### Security Investigations

Security investigation activities provide for background investigations conducted by the Office of Personnel Management and the Federal Bureau of Investigation of DOE Headquarters Federal and contractor personnel who require access to classified information or certain quantities of special nuclear material, as required by Section 145 of the Atomic Energy Act of 1954 (as amended) and Executive Order 12968, Access to Classified Information. The conduct of investigations and granting of access authorizations are based on 10 C.F.R. 710, Criteria and Procedures for Determining Eligibility for Access to Classified Matter or Special Nuclear Material. DOE program offices provide funding for security investigations for personnel whose access authorizations are managed through offices other than DOE Headquarters.

This activity also provides support to personnel security programs associated with maintaining access authorizations to personnel who meet the criteria noted above. The conduct of investigations and granting of access authorizations is based on 10 C.F.R. 710, Criteria and Procedures for Determining Eligibility for Access to Classified Matter or Special Nuclear Material.

#### Headquarters Security Operations

Headquarters security operations provides for the physical protection of DOE Headquarters facilities and assets in the Washington, DC, area through the deployment of a protective force; the management and operation of countermeasures, alarms, and access control equipment; and the implementation of security-related programs. Funding for these activities provides a safe and secure work environment and assures management, workers, and stakeholders that activities within Headquarters facilities are effectively protected.

## Program Direction

### Overview

Program Direction provides for Federal staffing and mission support services to provide overall direction and execution of the HSS mission of conducting the Department's activities in health, safety, and security policy, technical assistance, analysis, corporate programs, training, independent oversight, and enforcement.

Critical to achieving its vision and goals is HSS's ability to maintain a highly qualified workforce with the expertise and skills necessary to support, manage, and conduct its mission. The HSS workforce is composed of health, safety, and security professionals grounded in science, engineering, and technology that are led by effective program and project managers with exceptional communication and leadership skills and supported by innovative resource management experts. In FY 2013, HSS examined its Federal workforce and through workforce restructuring continued its effort to attract and retain the necessary skill sets to achieve its goals. This focus will continue in FY 2014 with an emphasis on nuclear safety, nuclear security, and cyber security professionals to accomplish the Department's independent oversight mission. The judicious use of contractor support continues to be a practical and cost-effective means of providing a surge pool of technical experts.

### Technical Mission Support: Independent Oversight

Independent oversight activities provide high value to the Department by identifying gaps and vulnerabilities in safety (worker, nuclear, and facility safety), physical security, and cyber security programs and related performance. Independent oversight activities are tailored to the unique needs of each DOE program and site office, and consider relative risks and past performance in determining specific assessment activities. Safeguards and security and cyber security-related independent oversight activities are designed to determine whether special nuclear materials, classified matter (parts and information), and sensitive information are adequately protected from unauthorized or inadvertent disclosure or diversion. Safety-related independent oversight activities help to ensure that workers and the public are protected from the hazards associated with the Department's sites and operations, and to preclude events that could negatively impact the Department's ability to perform its mission and achieve its goals. Independent oversight activities provide accurate and timely information and analysis regarding the effectiveness of the Department's safety and security programs and other functions of interest. Information is made available to Department management, congressional committees, and stakeholders, such as unions and local public interest groups, to provide confidence that the Department's operations are performed in a safe and secure manner.

Independent oversight activities complement but do not replace DOE line management's responsibility for security and safety, as required by Departmental policies. Independent oversight functions include those that: (1) are required by a Federal law, Executive Order, or other mandate; and (2) need to be performed by an organization with independence from mission responsibilities to ensure that DOE safety and security programs are credible to internal and external stakeholders. As required by DOE Order 227.1, Independent Oversight Program, independent oversight activities are performed by personnel who are organizationally independent of the DOE program and site offices that implement policies and programs, and who can therefore objectively observe and report on those policies and programs as they relate to Departmental operations. Independent oversight processes are governed by documented, formal protocols that are continuously evaluated, revised, and refined based on Departmental and national events and activities that have an impact on DOE security and safety in order to provide more useful performance data and related information to line managers.

### Technical Mission Support: Defense Nuclear Facilities Safety Board (DNFSB) Liaison Activities

Liaison activities facilitate the Department's interaction with the DNFSB.

### Other Related Expenses

Other related expenses provide support required for HSS to accomplish its mission. Support includes working capital fund services; training for Federal employees; funding for information technology equipment and services and DOE common operating environment fees; and executive protection and other security-related equipment.

**Program Direction  
Funding (\$K)**

**Program Direction Summary**

	<b>FY 2013 Current</b>	<b>FY 2014 Enacted</b>	<b>FY 2014 Current</b>	<b>FY 2015 Request<sup>2</sup></b>	<b>FY 2015 vs FY 2014 Enacted</b>
<b>Washington Headquarters</b>					
Salaries and Benefits	57,596	58,829	58,829	—	-58,829
Travel	2,837	2,847	2,847	—	-2,847
Mission Support	13,795	26,179	26,179	—	-26,179
Other Related Expenses	17,438	18,444	18,444	—	-18,444
<b>Total, Washington Headquarters</b>	<b>91,666</b>	<b>106,299</b>	<b>106,299</b>	<b>—</b>	<b>-106,299</b>
<b>National Training Center</b>					
Salaries and Benefits	1,869	1,898	1,898	—	-1,898
Travel	63	63	63	—	-63
Other Related Expenses	41	41	41	—	-41
<b>Total, National Training Center</b>	<b>1,973</b>	<b>2,002</b>	<b>2,002</b>	<b>—</b>	<b>-2,002</b>
<b>Total Program Direction</b>					
Salaries and Benefits	59,465	60,727	60,727	—	-60,727
Travel	2,900	2,910	2,910	—	-2,910
Mission Support	13,795	26,179	26,179	—	-26,179
Other Related Expenses	17,479	18,485	18,485	—	-18,485
<b>Total, Program Direction</b>	<b>93,639</b>	<b>108,301</b>	<b>108,301</b>	<b>—</b>	<b>-108,301</b>
<b>Federal FTEs</b>	<b>350</b>	<b>352</b>	<b>352</b>	<b>—</b>	<b>-352</b>
<b>Support Services and Other Related Expenses</b>					
<b>Technical Mission Support</b>					
Independent Oversight Activities	13,495	25,879	25,879	—	-25,879
Defense Nuclear Facilities Safety Board Liaison Activities	300	300	300	—	-300
Total, Technical Mission Support	13,795	26,179	26,179	—	-26,179
<b>Total, Mission Support</b>	<b>13,795</b>	<b>26,179</b>	<b>26,179</b>	<b>—</b>	<b>-26,179</b>
<b>Other Related Expenses</b>					
Working Capital Fund	11,590	12,469	12,469	—	-12,469
Tuition/Training of Federal Staff	300	301	301	—	-301
Other Services Procured	5,589	5,715	5,715	—	-5,715
<b>Total, Other Related Expenses</b>	<b>17,479</b>	<b>18,485</b>	<b>18,485</b>	<b>—</b>	<b>-18,485</b>

<sup>2</sup> FY 2015 funding is included in the Independent Enterprise Assessments and Environment, Health, Safety and Security budget requests within the Other Defense Activities appropriation.

**Health, Safety and Security  
Facilities Maintenance and Repair**

The Department’s Facilities Maintenance and Repair activities are tied to its programmatic missions, goals, and objectives. Facilities Maintenance and Repair activities funded by this budget are displayed below.

**Costs for Direct-Funded Maintenance and Repair (including Deferred Maintenance Reduction) (\$K)**

	FY 2013 Actual Costs	FY 2013 Planned Costs	FY 2014 Planned Costs	FY 2015 Planned Costs <sup>3</sup>
National Training Center	424	252	457	—
<b>Total, Direct-Funded Maintenance and Repair</b>	<b>424</b>	<b>252</b>	<b>457</b>	<b>—</b>

**Report on FY 2013 Expenditures for Maintenance and Repair**

This report responds to legislative language set forth in Conference Report (H.R. Conf. Rep. No. 108-10) accompanying the Consolidated Appropriations Resolution, 2003 (Public Law 108-7) (pages 886-887), which requests the Department of Energy provide an annual year-end report on maintenance expenditures to the Committees on Appropriations. This report compares the actual maintenance expenditures in FY 2013 to the amount planned for FY 2013, including congressionally authorized changes.

**Total Costs for Maintenance and Repair (\$K)**

	FY 2013 Actual Cost	FY 2013 Planned Cost
National Training Center	424	252
<b>Total, Maintenance and Repair</b>	<b>424</b>	<b>252</b>

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<sup>3</sup> FY 2015 funding is included in the Independent Enterprise Assessments budget request within the Other Defense Activities appropriation.

**Health, Safety and Security  
Safeguards and Security (\$K)**

	<b>FY 2013 Current</b>	<b>FY 2014 Enacted</b>	<b>FY 2015 Request</b>	<b>FY 2015 vs FY 2014 Enacted</b>
Protective Forces	22,692	23,892	0	-23,892
Physical Security Systems	2,400	2,400	0	-2,400
Information Security	8,707	8,707	0	-8,707
Cyber Security	1,028	2,698	0	-2,698
Personnel Security	1,800	2,000	0	-2,000
Program Management	5,682	5,762	0	-5,762
Safety & Security Training	14,500	15,000	0	-15,000
Security Investigations	6,653	9,850	0	-9,850
<b>Total, Safeguards and Security</b>	<b>63,462</b>	<b>70,309</b>	<b>0</b>	<b>-70,309</b>

Protective Forces  
Physical Security Systems  
Information Security  
Cyber Security  
Personnel Security  
Program Management  
Safety & Security Training  
Security Investigations  
**Total, Safeguards and Security**

## **Environment, Health, Safety and Security**

### **Overview**

On February 12, 2014, the Secretary of Energy announced the next steps in the Department's reorganization plan to better focus the Energy Department's efforts on all four mission areas of the Department, including nuclear security, solving the Nation's energy challenges, advancing fundamental science and environmental stewardship. As part of this reorganization, the existing Office of Health, Safety and Security's health, safety, environment, and security policy, assistance, and corporate program activities as well as DOE Headquarters security operations will be integrated into the Office of the Under Secretary for Management and Performance under the Office of Environment, Health, Safety and Security. The FY 2015 funding for these realigned activities is included in this budget request.

Environment, Health, Safety and Security (AU) demonstrates the unwavering commitment of the U.S. Department of Energy (DOE or Department) to maintain a safe and secure work environment for all Federal and contractor employees, ensure that operations do not adversely affect the health and safety of the surrounding communities, and protect national security assets entrusted to the Department. AU provides clear policy, guidance and assistance, and a focused and integrated corporate-level analysis of operating experience that identifies existing and potential problem areas to provide managers with a solid foundation for implementing effective DOE-wide activities and solutions in the areas of environment, health, safety, and security.

AU assists the Department in achieving its mission in a safe, secure, environmentally responsible manner by integrating worker health, safety, and security functions to address crosscutting issues; increase collaboration and sharing of technical expertise; and increase accountability for worker health, safety, and security responsibilities. This approach and functional alignment of responsibilities within AU prevents redundancy in reporting requirements, provides consistency in policy and guidance development and technical assistance, and increases the effectiveness of communication and accountability for worker health, safety, and security.

AU analyzes and adjusts priorities and activities based on emerging Departmental goals, significant Departmental events and program reviews. AU uses insights and findings from other Departmental elements, such as Independent Enterprise Assessments and the Inspector General, and external organizations' reviews, such as those from the Defense Nuclear Facilities Safety Board and the Government Accountability Office, to further refine strategies.

### **Highlights of the FY 2015 Budget Request**

The FY 2015 budget request includes activities in support of the Department's insider threat program as outlined in Executive Order 13587 and the President's guidance in November 2012 in the form of the 'National Insider Threat Policy' and 'Minimum Standards for Executive Branch Insider Threat Programs.' The insider threat program cross-cuts several components of the Department of Energy and these efforts have been coordinated with those components. This budget justification shows only the funding needed to implement the AU share of the Insider Threat Program responsibilities.

**Environment, Health, Safety and Security  
Funding (\$K)**

	FY 2013 Current <sup>1</sup>	FY 2014 Enacted <sup>1</sup>	FY 2014 Current <sup>1</sup>	FY 2015 Request	FY 2015 vs FY 2014 Enacted
<b>Environment, Health, Safety and Security</b>					
<b>Environment, Health and Safety</b>					
Worker Safety	—	—	—	4,346	+4,346
Nuclear Safety	—	—	—	5,696	+5,696
Environment	—	—	—	2,407	+2,407
Health Programs					
Domestic Health Programs					
Health Research	—	—	—	2,420	+2,420
Former Worker Medical Screening	—	—	—	19,850	+19,850
Employee Compensation Program	—	—	—	6,340	+6,340
International Health Programs					
Russian Health Studies	—	—	—	2,750	+2,750
Japanese Health Studies	—	—	—	14,000	+14,000
Marshall Islands Program	—	—	—	6,300	+6,300
<b>Total, Health Programs</b>	—	—	—	<b>51,660</b>	<b>+51,660</b>
<b>Total, Environment, Health and Safety</b>	—	—	—	<b>64,109</b>	<b>+64,109</b>
<b>Security</b>					
Insider Threat Program	—	—	—	2,000	+2,000
Security Operational Support	—	—	—	5,762	+5,762
Classification, Declassification and Controlled Information	—	—	—	8,457	+8,457
Security Investigations	—	—	—	7,445	+7,445
Headquarters Security Operations	—	—	—	30,990	+30,990
<b>Total, Security</b>	—	—	—	<b>54,654</b>	<b>+54,654</b>
<b>Total, Environment, Health, Safety and Security</b>	—	—	—	<b>118,763</b>	<b>+118,763</b>
<b>Program Direction</b>	—	—	—	<b>62,235</b>	<b>+62,235</b>
<b>Total, Environment, Health, Safety and Security</b>	—	—	—	<b>180,998</b>	<b>+180,998</b>

<sup>1</sup> FY 2013 and FY 2014 funding for these activities is included in the Health, Safety and Security budget within the Other Defense Activities appropriation.

**Environment, Health, Safety and Security**  
**Explanation of Major Changes (\$K)**

<b>FY 2015 vs FY 2014 Enacted</b>
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**Environment, Health, Safety and Security:** Funding was transferred from Health, Safety and Security within the Other Defense Activities.

**+180,998**

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**Total, Environment, Health, Safety and Security**

**+180,998**

## Environment, Health and Safety

### Description

The Environment, Health and Safety subprogram provides technical and analytical expertise to protect and enhance the safety of DOE workers, the public, and the environment. This subprogram maintains policies and guidance for the promotion of safe, environmentally sound work practices to ensure best-in-class performance in occupational, facility, nuclear, and radiation safety; protection of the environment and cultural and natural resources; and quality assurance. Environment, Health and Safety provides assistance to DOE offices and laboratories through site-specific activities, such as nuclear facility safety basis reviews, and corporate-wide services, such as accrediting commercial laboratories used by DOE sites for regulatory compliance and employee monitoring programs; administering the accident investigation program; supporting the Radiation Emergency Assistance Center/Training Site; and operating the Filter Test Facility. Corporate databases, such as those pertaining to accidents and illnesses, occurrence reporting, radiation monitoring and dose assessment, safety basis information, and hazardous substances inventories are maintained and used to support analyses of health and safety performance for senior management.

Environment, Health and Safety provides technical support for the implementation of Department-wide safety and environmental programs such as the DOE Federal occupational safety and health program, the voluntary protection program which encourages and rewards safety performance that exceeds industry averages through universally recognized certifications, environmental management systems which support sustainable practices that promote pollution prevention, greenhouse gas reduction, and effective resource utilization, and radiological clearance and control programs for the safe reuse and recycle of DOE equipment and materials and radiological release of lands and buildings. This subprogram also provides support to the Department of Labor for the implementation of the Energy Employees Occupational Illness Compensation Program Act, the former worker medical screening program, and radiation health studies in Japan and Russia. These projects and programs provide for the evaluation and documentation of health effects and outcomes that support the basis for national and international worker protection policies and standards, which, in turn, provide updated levels of protection appropriate for the risk posed to DOE workers and the public.

In FY 2015, Environment, Health and Safety will continue:

1. Developing cost-effective solutions for achieving best-in-class safety performance founded on integrated safety management and enhanced through such concepts as safety culture, voluntary protection, and environmental management systems.
2. Honoring the national and Departmental commitment to current and former workers through cost-effective implementation of the former worker medical screening program and support to the Department of Labor for the implementation of the Energy Employees Occupational Illness Compensation Program Act.

### Worker Safety

Worker safety and health policies promote safe work practices throughout the Department to achieve best-in-class safety performance as compared to similar industrial operations thus assuring that work is conducted with a full understanding of health- and safety-related risks, controls necessary to mitigate those risks are implemented, and worker compensation liabilities are minimized and/or avoided. Funding provides for the maintenance of existing standards and the development of new requirements based on new or evolving working conditions; technical assistance to DOE programs, laboratories, and sites in implementing health and safety requirements and programs; promotion of improvements in overall safety culture; and implementation of corporate health- and safety-related programs and information technology systems. Funding also provides for collecting, analyzing, and trending operational data to identify strengths and weaknesses of safety programs in support of continuous improvement in safety performance.

### Nuclear Safety

Nuclear Safety activities include establishing and maintaining nuclear safety policies and requirements to ensure adequate protection of workers, the public, and the environment from hazards associated with the design and operation of DOE nuclear facilities. This includes the establishment of general facility safety requirements in fire protection, response to natural phenomena, maintenance, and quality assurance to ensure that products and services meet or exceed the Department's objectives. Nuclear safety provides assistance to field elements in implementing requirements and resolving issues; and provides oversight of DOE nuclear operations and facilities.

## Environment

Environmental activities support DOE's strategic sustainability performance objectives by fostering efficient use of resources and energy, assisting in the responsible management of natural and cultural resources on and around DOE facilities, reducing DOE's carbon footprint, and avoiding future environmental liabilities. Funding provides technical support for the development of policies, requirements, and guidance related to environmental compliance; the encouragement of green purchasing; sustainable environmental stewardship, pollution prevention, and greenhouse gas reduction; and implementation of environmental performance tracking across the DOE complex. Environmental activities also provide technical support to ensure DOE's environmental radiation protection program is consistent with the Department's risk management strategies and national and international radiation protection standards associated with the management of DOE radioactive wastes and associated property. Funding supports programs that provide assurance that environmental monitoring and sampling data meet DOE data quality objectives and ensures computer codes that are used to demonstrate compliance with DOE public and environmental protection requirements are appropriate and employ the best science. Funding also supports the development and maintenance of plans, models, and guidance to respond to radiological- and nuclear-related emergencies.

### Domestic Health Programs: Health Research

Domestic health research activities provide for the conduct of health studies on DOE workers and communities surrounding DOE sites, technical assistance to DOE Programs in addressing specific health issues, support to national assets used to respond to radiological events throughout the country, and expertise to support national and international efforts in response to disease outbreaks. These activities also support the maintenance of the electronic comprehensive epidemiologic data resource and the beryllium and U.S. transuranium and uranium registries; and access to the data these systems contain.

### Domestic Health Programs: Former Worker Medical Screening

Former worker medical screening activities provide for the conduct of medical screenings for former DOE and DOE-related beryllium vendor employees to identify adverse health conditions that may have resulted from work conducted at DOE or DOE-related beryllium vendor facilities on behalf of DOE, as mandated by Congress in the FY 1993 Defense Authorization Act (Public Law 102-484). Workers who are found to have illnesses related to work on behalf of DOE are referred to the Department of Labor for potential compensation through the Energy Employees Occupational Illness Compensation Program Act.

### Domestic Health Programs: Employee Compensation Program

DOE Energy Employees Occupational Illness Compensation Program Act (EEOICPA) activities support the implementation of Parts B and E of the Act by the Department of Labor to provide compensation to DOE and DOE-related vendor employees who have become ill as a result of work for DOE. Part B provides for compensation to workers with beryllium disease, silicosis, or radiation-induced cancer, and Part E provides for compensation and medical benefits to DOE contractor and subcontractor employees whose illnesses were caused by exposure to any toxic substance, such as beryllium or other chemical hazards. DOE's support consists primarily of providing information regarding employment status, exposures to radiation and toxic substances, and operational history of DOE facilities to the Department of Labor, the National Institute for Occupational Safety and Health, and the President's Advisory Board on Radiation and Worker Health in support of claims filed by current and former DOE Federal and contractor employees.

### International Health Programs: Russian Health Studies

The Russian health studies program supports the collaborative radiation health effects research program between U.S. and Russian scientists to determine the risks associated with working at or living near Russian former nuclear weapons production sites. The research is performed under the Cooperation in Research on Radiation Effects for the Purpose of Minimizing the Consequences of Radioactive Contamination on Health and the Environment, an agreement between the United States and Russia that was signed in 1994 and renewed in 2000, 2007, and 2011. The agreement is implemented through the Joint Coordinating Committee for Radiation Effects Research, representing agencies from the United States and the Russian Federation. The goals of the program are to better understand the relationship between health effects and chronic, low-to-medium radiation exposure; determine radiation-induced cancer risks from exposure to gamma, neutron, and alpha radiation; and improve and validate U.S. and international radiation protection standards and practices.

International Health Programs: Japanese Health Studies

The Japanese health studies activity supports the Radiation Effects Research Foundation, managed through a bi-national agreement between the United States and Japan, to conduct epidemiologic studies and medical surveillance of the survivors of the atomic bombings of Hiroshima and Nagasaki. The foundation engages in innovative science to develop new research methods and approaches for assessing radiation health effects that are used as a basis for the development of radiation standards.

International Health Programs: Marshall Islands Program

The Marshall Islands program provides for medical surveillance and treatment of Marshallese citizens affected by the nuclear weapons testing conducted by the United States in the Pacific Ocean between 1946 and 1958. The program also provides for environmental monitoring in support of safe resettlement of four atolls affected by the testing. The work is performed as required by the Compact of Free Association Acts of 1986 and 2003 between the United States and the Republic of the Marshall Islands and the Insular Areas Act of 2011 requiring enhanced monitoring of Runit Island Nuclear Waste Containment Structure beginning in FY 2013.

**Health and Safety**

**Activities and Explanation of Changes**

FY 2014 Enacted <sup>1</sup>	FY 2015 Request	Explanation of Changes FY 2015 vs FY 2014 Enacted
<b>Worker Safety</b>		
	<ul style="list-style-type: none"> <li>• Research, update, and maintain existing DOE regulations, directives and technical standards, and develop new safety and health requirements based on new or evolving working conditions, when warranted;</li> <li>• Provide technical assistance to DOE programs, laboratories, and sites in the implementation of health and safety requirements and programs;</li> <li>• Promote the implementation of the DOE voluntary protection program, which encourages and rewards safety performance that exceeds industry averages;</li> <li>• Provide for the health and safety aspects of the DOE human reliability program, designed to ensure that individuals who occupy positions that afford access to certain national security materials and nuclear explosive devices meet high standards for trustworthiness, dependability, and physical and mental reliability;</li> <li>• Provide technical support for the implementation of the DOE contractor employee assistance program that provides for the collection and analysis of causes of lost time and disabilities and the medical and psychological interventions available to reduce those losses;</li> <li>• Maintain the electronic Radiation Exposure Monitoring System, which serves as the Department's central repository for radiation exposure information at DOE in support of 10 C.F.R. 835, Occupational Radiation Protection, Subpart I, requirements regarding annual</li> </ul>	<p>Funding was transferred from Health, Safety and Security within the Other Defense Activities appropriation.</p>

<sup>1</sup> FY 2014 funding for these activities is included in the Health, Safety and Security budget within the Other Defense Activities appropriation.

FY 2014 Enacted <sup>1</sup>	FY 2015 Request	Explanation of Changes FY 2015 vs FY 2014 Enacted
	<p>monitoring of individual occupational radiation exposure records for DOE employees, contractors, and subcontractors, as well as members of the public who visit DOE sites;</p> <ul style="list-style-type: none"> <li>• Provide technical support for the implementation of the DOE Federal employee occupational safety and health program, as required by Presidential Executive Order 12196, Occupational Safety and Health Programs for Federal Employees; Section 19 of Public Law 91-596, the Occupational Safety and Health Act of 1970; and 29 C.F.R. 1960, Basic Program Elements for Federal Employee Occupational Safety and Health Programs and Related Matters;</li> <li>• Conduct and communicate analysis and trending of safety performance information to identify excellent performance and areas needing improvement in order to reduce or prevent adverse events and injuries and minimize mission interruptions;</li> <li>• Provide information to DOE operating entities regarding operating experience, lessons learned, and suspect, defective, and counterfeit items;</li> <li>• Provide overall program administration and assistance, including training, to DOE program offices in support of implementing the Department's accident investigation program, which provides for independent Federal investigations of high-consequence incidents involving worker fatalities or serious injuries, acute exposures to radiation or chemicals, environmental releases, or significant loss of capital assets. Upon request or as directed by DOE leadership, assist DOE program offices in conducting specific accident investigations; and</li> <li>• Maintain corporate health- and safety-related information management technology systems,</li> </ul>	

FY 2014 Enacted <sup>1</sup>	FY 2015 Request	Explanation of Changes FY 2015 vs FY 2014 Enacted
	such as the Computerized Accident/Incident Reporting System, the Occurrence Reporting and Processing System, the Radiation Exposure Monitoring System, and the lessons learned system.	
<b>Nuclear Safety</b>	<ul style="list-style-type: none"> <li>• Assess, update, and maintain DOE regulations, directives, and technical standards and lead the development of nuclear safety and quality assurance requirements based on new or evolving facility hazards and/or operating conditions, when warranted (including fire protection, natural phenomena hazards, nuclear materials packaging, and maintenance);</li> <li>• Maintain a DOE-wide nuclear safety research and development program to provide corporate-level leadership supporting the coordination and integration of nuclear safety science and technology, share nuclear safety research and development information across the Department, and coordinate the conduct of nuclear safety research and development activities;</li> <li>• Provide technical assistance to DOE program and line organizations, national laboratories, and sites in implementing nuclear safety and quality assurance requirements and programs and resolving issues and recommendations identified by the Defense Nuclear Facilities Safety Board;</li> <li>• Provide technical assistance to national standards development organizations in developing and maintaining nuclear safety and quality assurance consensus standards;</li> <li>• Support DOE program offices in assessing conduct of operations, maintenance, and/or training evaluations for hazard category 1, 2, and 3 nuclear facilities prior to authorizing startup or restart of these facilities or their operations;</li> </ul>	Funding was transferred from Health, Safety and Security within the Other Defense Activities appropriation.

FY 2014 Enacted <sup>1</sup>	FY 2015 Request	Explanation of Changes FY 2015 vs FY 2014 Enacted
	<ul style="list-style-type: none"> <li>• Facilitate continuous improvement to the DOE facility representative and safety system programs, supporting approximately 280 site office resident nuclear safety subject matter experts funded by and reporting to DOE line management;</li> <li>• Assist in funding and coordinating information exchanges in various safety concepts relevant to DOE including nuclear safety; safety and organizational culture, high reliability performance and human performance improvement; and probabilistic risk assessment with the Institute of Nuclear Power Operations, 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;</li> <li>• Maintain web-based systems to provide the status of the safety basis of each hazard category 1, 2, or 3 DOE nuclear facility and provide public information on how to obtain copies of safety basis and related documents for DOE nuclear facilities;</li> <li>• Maintain the differing professional opinion program and process, including a web page and online submittal form that DOE and contractor employees can use to identify and document differing professional opinions concerning technical issues;</li> <li>• Implement safety software quality assurance activities that provide for the maintenance of the DOE safety software central registry of approved computer codes, including a user-oriented communication forum, and operation of the safety software expert working group for enabling effective and consistent use of high-quality safety software across DOE; and</li> </ul>	

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FY 2014 Enacted <sup>1</sup>	FY 2015 Request	Explanation of Changes FY 2015 vs FY 2014 Enacted
	<ul style="list-style-type: none"> <li>Provide for the operation and monitoring of the Filter Test Facility, which inspects and tests 100 percent of all high efficiency particulate air filters used in safety class and safety significant systems, and other ventilation systems for confinement of radioactive materials prior to their use at DOE nuclear facilities.</li> </ul>	
<b>Environment</b>	<ul style="list-style-type: none"> <li>Research, update, and maintain existing DOE regulations, directives, and technical standards, and develop new sustainability, environmental protection, and public radiation protection requirements based on new or evolving science, protection strategies, national radiation protection guidance, and techniques based on new or evolving DOE activities and programs, when warranted;</li> <li>Provide technical assistance to DOE programs, laboratories, and sites in implementing sustainability, environmental protection, and public radiation protection requirements and programs;</li> <li>Provide technical support to DOE site and program offices and laboratories in evaluating and resolving regulatory compliance issues through the interpretation of regulatory requirements, development of cost-effective implementation strategies, and maintenance of web-based compliance tools;</li> <li>Coordinate and develop consolidated responses to proposed changes in environmental regulations that may impact Departmental operations, in order to improve implementation and optimize the use of protective resources;</li> <li>Review data from environmental reports required by Federal and state environmental protection agencies to validate adherence to reporting</li> </ul>	<p>Funding was transferred from Health, Safety and Security within the Other Defense Activities appropriation.</p>

FY 2014 Enacted <sup>1</sup>	FY 2015 Request	Explanation of Changes FY 2015 vs FY 2014 Enacted
	<p>requirements; evaluate the effectiveness of the Department's toxic chemical release reduction and pollution prevention efforts; produce annual reports on DOE environmental sustainability performance; and develop annual radionuclide emissions summaries submitted to the Environmental Protection Agency under an interagency agreement;</p> <ul style="list-style-type: none"> <li>• Conduct proficiency and quality assurance audits and reviews of environmental analytical laboratories and commercial waste treatment, storage, and disposal vendors used by DOE operating entities in support of ongoing operations, remediation, and other cleanup projects; compliance programs; and long-term monitoring and surveillance activities to ensure consistency of services while minimizing the number of DOE audits of these commercial service providers;</li> <li>• Support development and maintenance of software toolkits to assist DOE operating elements in meeting data quality objectives related to environmental field sampling and to support user training at DOE field element sites;</li> <li>• Administer the DOE environmental awards program such as the Green Buy Awards and the Migratory Birds Protection awards and support the Department in other sustainability awards programs that recognize DOE entities for outstanding achievement in sustainable environmental stewardship;</li> <li>• Provide assistance to and oversight of DOE site property radiological clearance and control programs to ensure the public and environment are protected from radiological harm associated with the use or disposition of DOE property;</li> <li>• Continue development and maintenance of</li> </ul>	

FY 2014 Enacted <sup>1</sup>	FY 2015 Request	Explanation of Changes FY 2015 vs FY 2014 Enacted
	<p>residual radioactivity models and codes that support evaluations and safe disposition of lands, structures, equipment, soil, and other material that may contain small amounts of residual radioactive material;</p> <ul style="list-style-type: none"> <li>• Support development of Federal radiation protection policies and guidelines and consistent, cost effective implementation of radiation protection programs within DOE including the review, evaluation and implementation of the 2014 and 2015 updates to the recommendations of International Commission on Radiological Protection and associated revised Federal guidance for DOE regulations and directives;</li> <li>• Support the Center for Radiation Protection Knowledge at the Oak Ridge National Laboratory to ensure U.S. leadership in radiation dosimetry and risk assessment; and</li> <li>• Maintain operational guidelines and other radiological criteria that support protective action decisions and Federal policy governing response to and recovery from radiological and nuclear terrorism incidents (radiological dispersal devices and improvised nuclear devices) and major nuclear accidents and support NNSA emergency response and preparedness activities associated with such incidents.</li> </ul>	
<p><b>Domestic Health Programs</b></p>	<p><i>Health Research</i></p> <ul style="list-style-type: none"> <li>• Provide for the operation and maintenance of the electronic comprehensive epidemiologic data resource and the U.S. transuranium and uranium registries;</li> <li>• Provide funding support to the Radiation Emergency Assistance Center/Training Site, which provides medical expertise to DOE occupational medicine clinics, supplies chelating</li> </ul>	<p>Funding was transferred from Health, Safety and Security within the Other Defense Activities appropriation.</p>

FY 2014 Enacted <sup>1</sup>	FY 2015 Request	Explanation of Changes FY 2015 vs FY 2014 Enacted
	<p>pharmaceuticals to treat radiation-exposed workers, and trains physicians to respond to radiological accidents anywhere in the United States;</p> <ul style="list-style-type: none"> <li>• Provide for the maintenance of the beryllium registry, which collects, analyzes, summarizes, and disseminates health and exposure data to improve chronic beryllium disease prevention programs; and</li> <li>• Provide for the conduct of public health studies and other activities performed by the Department of Health and Human Services through the National Institute for Occupational Safety and Health, the National Center for Environmental Health, and the Agency for Toxic Substances and Disease Registry to provide third-party objectivity regarding the effect of DOE operations on communities surrounding DOE sites.</li> </ul>	
	<p><i>Former Worker Medical Screening</i></p> <ul style="list-style-type: none"> <li>• Conduct site assessments to identify groups of at-risk former DOE Federal and contractor/subcontractor workers and DOE site-specific exposures;</li> <li>• Provide for outreach efforts to inform former workers of the availability and benefits of the program;</li> <li>• Provide for approximately 8,000 medical screenings annually to check for adverse health effects that could be related to occupational exposures to radiation, noise, beryllium, asbestos, silica, lead, cadmium, chromium, and solvents, conducted by independent health experts through seven cooperative agreements held by a consortia of universities, labor unions, and commercial organizations throughout the United States with expertise in administration of medical</li> </ul>	<p>Funding was transferred from Health, Safety and Security within the Other Defense Activities appropriation.</p>

FY 2014 Enacted <sup>1</sup>	FY 2015 Request	Explanation of Changes FY 2015 vs FY 2014 Enacted
	<p>programs;</p> <ul style="list-style-type: none"> <li>• Refer workers who are found to have illnesses related to work on behalf of DOE to the Department of Labor for potential compensation through the Energy Employees Occupational Illness Compensation Program Act; and</li> <li>• Support the DOE central institutional review board, jointly funded with Science and the National Nuclear Security Administration, which reviews all medical screening programs funded by DOE and/or involving the DOE workforce to ensure that the risks to human participants are minimized and reasonable in relation to the anticipated benefits.</li> </ul>	
	<p><i>Employee Compensation Program</i></p> <ul style="list-style-type: none"> <li>• Conduct searches for records related to the employment and hazardous exposures for workers who applied to the Department of Labor for benefits under EEOICPA, declassify relevant records, and provide copies of those records to the Department of Labor and the National Institute for Occupational Safety and Health;</li> <li>• Provide for large-scale records research projects conducted by the Department of Labor, the National Institute for Occupational Safety and Health, and the President’s Advisory Board on Radiation and Worker Health;</li> <li>• Provide for the continued transition of hard copy, paper records to electronic records, as well as records indexing projects to improve the efficiency of responses to the Department of Labor and the National Institute for Occupational Safety and Health; and</li> <li>• Continue coordination and interface between former worker medical screening activities and EEOICPA activities, including identifying mechanisms for outreach to former workers and</li> </ul>	<p>Funding was transferred from Health, Safety and Security within the Other Defense Activities appropriation.</p>

FY 2014 Enacted <sup>1</sup>	FY 2015 Request	Explanation of Changes FY 2015 vs FY 2014 Enacted
	enhancing the exchange of medical, site, and exposure information among former worker medical screening service providers, the Department of Labor, and the National Institute for Occupational Safety and Health to assist the agencies tasked with adjudicating claims.	
<b>International Health Program</b>		
	<p><i>Russian Health Studies</i></p> <ul style="list-style-type: none"> <li>• Provide for the conduct of radiation exposure historical dose reconstruction studies, epidemiologic studies, and for a tissue repository of Russian nuclear workers and people living in communities surrounding the Russian nuclear facilities;</li> <li>• Assess radiation health effects of ionizing radiation; and</li> <li>• Publish analyses of radiation health effects assessments.</li> </ul>	Funding was transferred from Health, Safety and Security within the Other Defense Activities appropriation.
	<p><i>Japanese Health Studies</i></p> <ul style="list-style-type: none"> <li>• Conduct epidemiologic studies and medical surveillance of the survivors of the atomic bombings of Hiroshima and Nagasaki;</li> <li>• Assess radiation health effects of ionizing radiation; and</li> <li>• Publish analyses of radiation health effects assessments.</li> </ul>	Funding was transferred from Health, Safety and Security within the Other Defense Activities appropriation.
	<p><i>Marshall Islands Program</i></p> <ul style="list-style-type: none"> <li>• Conduct whole-body counting and plutonium urinalyses to measure individual exposure to radionuclides;</li> <li>• Conduct comprehensive annual screening examinations;</li> <li>• Provide medical care for specified Marshallese; and</li> <li>• Provide environmental monitoring services in support of resettlement activities.</li> </ul>	Funding was transferred from Health, Safety and Security within the Other Defense Activities appropriation.

## Security

### Description

The Security subprogram provides support to develop and assist in the implementation of safeguards and security programs that provide protection to national security and other vital national assets entrusted to DOE, and to implement the U.S. Government's nuclear weapons-related technology classification and declassification program. Policies and guidance related to physical, personnel, and information security and nuclear materials accountability are designed to promote responsiveness to national security needs and changing threat environments. Assistance is provided to DOE programs and site offices and laboratories via working groups, site-specific support, and corporate program support to implement cost-effective security measures tailored to Departmental mission accomplishment. Corporate security-related information management systems are maintained to identify and reduce the potential for undue risk to individual sites, the Department, and national security. This subprogram also provides for the continuous physical protection and security of DOE facilities and information in the National Capital Area and access authorization security background investigations for DOE Headquarters Federal and contractor personnel. Additionally, DOE implements the information control program for the U.S. Government to mitigate national security threats by preventing the release of information regarding weapons of mass destruction and other data that could lead to damage of the Nation's energy infrastructure. Support is also provided to review over 400 million pages of documents backlogged at the National Archives for potential release as required by Executive Order.

In FY 2015, Security will continue enhancing the protection of national security assets entrusted to the Department through cost-effective security solutions that are consistent with successful mission accomplishment.

### Insider Threat Program

The DOE insider threat program is intended to deter cleared employees from becoming insider threats; detect insiders who pose a risk to classified information; and mitigate the risks through administrative, investigative or other response actions. AU, as directed by the Secretary, has designated a Senior Insider Threat Official to provide guidance and oversight for the Insider Threat Program and to identify and advise the Secretary on resource needs for the program and identify the resources already in place within the Department in support of implementing the requirements established by Executive Order 13587. The insider threat program cross-cuts several components of the Department of Energy and these efforts have been coordinated with those components. This budget justification shows only the funding needed to implement AU's share of the Insider Threat Program responsibilities.

### Security Operational Support

Security operational support provides technical expertise to develop safeguards and security requirements and guidance; provide assistance to DOE operations; and maintain and manage corporate-level safeguards and security-related programs and information technology systems. These activities support Departmental objectives by providing an appropriately tailored level of security requirements for a wide range of scientific, research, and national security operations based on the significance of the national assets involved. Security policies, requirements, and guidance are developed to be clear and easily implemented, with the goal of securing nuclear material and classified matter and protecting the highly specialized DOE workforce.

### Classification, Declassification, and Controlled Information

The classification, declassification, and controlled information activity ensures that the Department meets its statutory responsibility to implement the U.S. Government-wide program to classify and declassify nuclear weapons-related information (i.e., Restricted Data and Formerly Restricted Data) in order to prevent proliferation of nuclear weapons and technology. Funding for this activity supports the implementation of Executive Order 13526, Classified National Security Information, to classify other information critical to national security (i.e., National Security Information), such as security-related information concerning U.S. nuclear sites, energy critical infrastructure, and chemical/biological and radiological dispersal devices. Funding provides for declassification review of DOE records and the development of policies, requirements, and guidance and technical support for the protection of controlled unclassified information.

### Security Investigations

Security investigation activities provide for background investigations conducted by the Office of Personnel Management and the Federal Bureau of Investigation of DOE Headquarters Federal and contractor personnel who require access to classified information or certain quantities of special nuclear material, as required by Section 145 of the Atomic Energy Act

of 1954 (as amended) and Executive Order 12968, Access to Classified Information. The conduct of investigations and granting of access authorizations are based on 10 C.F.R. 710, Criteria and Procedures for Determining Eligibility for Access to Classified Matter or Special Nuclear Material. DOE program offices provide funding for security investigations for personnel whose access authorizations are managed through offices other than DOE Headquarters.

This activity also provides support to personnel security programs associated with maintaining access authorizations to personnel who meet the criteria noted above. The conduct of investigations and granting of access authorizations is based on 10 C.F.R. 710, Criteria and Procedures for Determining Eligibility for Access to Classified Matter or Special Nuclear Material.

#### Headquarters Security Operations

Headquarters security operations provides for the physical protection of DOE Headquarters facilities and assets in the Washington, DC, area through the deployment of a protective force; the management and operation of countermeasures, alarms, and access control equipment; and the implementation of security-related programs. Funding for these activities provides a safe and secure work environment and assures management, workers, and stakeholders that activities within Headquarters facilities are effectively protected.

**Security**

**Activities and Explanation of Changes**

FY 2014 Enacted <sup>1</sup>	FY 2015 Request	Explanation of Changes FY 2015 vs FY 2014 Enacted
<b>Insider Threat Program</b>		
	<ul style="list-style-type: none"> <li>• Develop and maintain a robust program to deter, detect, and centrally analyze and respond to insider threats facing the Department;</li> <li>• Deploy information technology enabled techniques, detectors, and triggers on all DOE and NNSA classified and unclassified computer networks to identify anomalous activity;</li> <li>• Enhance existing information-sharing partnerships with law enforcement, intelligence, and community organizations;</li> <li>• Develop and implement insider threat program training in fundamentals of counterintelligence, security, agency procedures for insider threat response, as well as applicable laws and regulations on gathering, integrating, retaining, safeguarding and use of collected insider threat data; and</li> <li>• Produce an annual report for the Secretary to provide to the President.</li> </ul>	<p>Funding was transferred from Health, Safety and Security within the Other Defense Activities appropriation.</p>
<b>Security Operational Support</b>		
	<ul style="list-style-type: none"> <li>• Research, update, and maintain existing DOE regulations, directives and technical standards, and develop new safeguards and security requirements based on new or evolving threats or working conditions, when warranted;</li> <li>• Provide technical assistance to DOE programs, laboratories, and sites in implementing safeguards and security requirements and programs;</li> <li>• Provide technical support, training, and awareness materials for the security-related</li> </ul>	<p>Funding was transferred from Health, Safety and Security within the Other Defense Activities appropriation.</p>

<sup>1</sup> FY 2014 funding for these activities is included in the Health, Safety and Security budget within the Other Defense Activities appropriation.

FY 2014 Enacted <sup>1</sup>	FY 2015 Request	Explanation of Changes FY 2015 vs FY 2014 Enacted
	<p>aspects of the human reliability program, including deployment of the human reliability program database and standard certification management system to ensure that over 10,000 individuals with access authorizations/clearances who occupy positions requiring access to special nuclear materials, nuclear explosive devices, or related facilities and information meet the highest standards of reliability and physical and mental suitability;</p> <ul style="list-style-type: none"> <li>• Provide support to the security awareness special interest group for DOE and contractor safeguards and security awareness coordinators to share security awareness methods and products, solve problems, and disseminate security-related information to satisfy Presidential and other regulatory requirements;</li> <li>• Operate, maintain, and perform data analysis of the electronic Safeguards and Security Information Management System, a centralized classified browser-based database that serves as the repository of current and historical DOE safeguards and security information pertaining to inspection deficiencies, corrective action status, facility clearance levels, classified addresses, and asset information;</li> <li>• Provide technical support and assistance for risk communication, risk management, vulnerability assessments, and security system performance evaluations, verifications, and validations, which are used to identify and cost-effectively address and mitigate current and emerging threats to Departmental assets at the site level;</li> <li>• Provide assistance to DOE programs, sites, and laboratories in the use of security technology as a means to mitigate vulnerabilities, reduce recurring costs, and lessen environmental</li> </ul>	

FY 2014 Enacted <sup>1</sup>	FY 2015 Request	Explanation of Changes FY 2015 vs FY 2014 Enacted
	<p>impacts, and maintain the Security Technology Information Archive for the collection, storage, and dissemination of security technology cost, performance, safety, and implementation information; and</p> <ul style="list-style-type: none"> <li>Maintain corporate security-related information technology systems, such as the DOE electronic Foreign Ownership, Control, or Influence program mandated by the Federal acquisition regulations system (48 C.F.R. 904.7003, 952.204-2, 970.0404, 904.404, and 952.204-73) and by Executive Order 12829, National Industrial Security Program; the DOE foreign visits and assignments program that enables foreign nationals' participation in unclassified DOE work, as well as classified visits involving foreign nationals; and the Radiological Source Registry and Tracking database, which is used to inventory approximately 18,000 radioactive sealed sources at DOE sites in support of the Department's nonproliferation and antiterrorist programs, U.S. and DOE regulatory compliance, and international treaty obligations.</li> </ul>	
<b>Classification, Declassification and Controlled Information</b>		
	<ul style="list-style-type: none"> <li>Provide technical support in developing U.S. Government and DOE-wide policy and technical guidance to ensure that classified nuclear weapons-related information and other information critical to national security and to U.S. Governmental, commercial, or private interests is identified for proper protection;</li> <li>Provide specialized technical expertise to foreign governments and to DOE and other U.S. departments and agencies regarding the national security implications of classification and declassification decisions for nuclear proliferation issues;</li> </ul>	<p>Funding was transferred from Health, Safety and Security within the Other Defense Activities appropriation.</p>

FY 2014 Enacted <sup>1</sup>	FY 2015 Request	Explanation of Changes FY 2015 vs FY 2014 Enacted
	<ul style="list-style-type: none"> <li>• Provide training and certification of DOE and other agency personnel in classification and information control programs and related areas;</li> <li>• Provide support to the National Declassification Center for review of 400 million pages in backlog at the National Archives and follow-on record collections;</li> <li>• Review documents in support of DOE operations and other U.S. Government entities, such as Congress, Presidential Libraries, U.S. Patent Office, the Defense Nuclear Facilities Safety Board, the Government Accountability Office, and the Inspector General; and</li> <li>• Perform the final review of classified DOE documents and documents containing DOE equities from all U.S. Government departments and agencies, including DOE, when they are requested under the Freedom of Information Act and the mandatory provisions of Executive Order 13526, to ensure that DOE classified and controlled information is identified and protected from unauthorized release to the public as required by 10 C.F.R. 1004, Freedom of Information, and 10 C.F.R. 1045, Nuclear Classification and Declassification.</li> </ul>	
<b>Security Investigations</b>	<ul style="list-style-type: none"> <li>• Provide for the Federal Bureau of Investigation to conduct background investigations of DOE Headquarters Federal and contractor employees applying for or occupying sensitive positions, as dictated by the Atomic Energy Act (as amended). Funding provides for initial background investigations, periodic reinvestigations, and reimbursement for fingerprint and name checks;</li> <li>• Provide for the Office of Personnel Management to conduct most background investigations of DOE Headquarters Federal and contractor</li> </ul>	Funding was transferred from Health, Safety and Security within the Other Defense Activities appropriation.

FY 2014 Enacted <sup>1</sup>	FY 2015 Request	Explanation of Changes FY 2015 vs FY 2014 Enacted
	<p>employees. Funding provides for initial single-scope background investigations, periodic reinvestigations, and initial and reinvestigation national agency checks;</p> <ul style="list-style-type: none"> <li>• Research, update, and maintain existing DOE regulations, directives, and technical standards, and develop new personnel security requirements based on new or evolving threats or working conditions, when warranted;</li> <li>• Provide technical assistance to DOE programs, laboratories, and sites in implementing personnel security requirements and programs;</li> <li>• Conduct corporate-level access authorization adjudications (i.e., performing case reviews, conducting evaluations, and preparing decision packages), as necessary;</li> <li>• Operate and manage the electronic DOE Integrated Security System, which consists of interrelated databases and associated client applications and web pages that automate the processing and tracking of access authorizations, access and visitor control, personal identity verification, and related personnel security processes; and</li> <li>• Continue deployment of the personnel security case management system, as well as the integration of this system with DOE field site human resources, financial management, and access control systems to reduce overall personnel security program costs by eliminating redundant systems at DOE field sites and reduce processing time by integrating directly with other databases.</li> </ul>	
<b>Headquarters Security Operations</b>	<ul style="list-style-type: none"> <li>• Provide a protective force engaged in the physical protection of classified information, facilities, and the workforce 24 hours a day, 365 days a year at</li> </ul>	<p>Funding was transferred from Health, Safety and Security within the Other Defense Activities appropriation.</p>

FY 2014 Enacted <sup>1</sup>	FY 2015 Request	Explanation of Changes FY 2015 vs FY 2014 Enacted
	<p>DOE Headquarters facilities and satellite facilities in Washington, DC, and Germantown, MD;</p> <ul style="list-style-type: none"> <li>• Operate and maintain security alarms and access control systems, including security screening equipment, vehicle inspection scanning devices, internet protocol video, turnstiles, unmanned access/egress portals, other access control equipment; and protective force shelters;</li> <li>• Conduct performance testing of information control systems to ensure the protection of sensitive and classified information vital to both national and economic security;</li> <li>• Conduct technical surveillance countermeasures activities, such as surveys, inspections, in-conference monitoring, pre-construction consultation services, and threat analysis, in support of Presidential Decision Directive 61, Energy Department Counterintelligence, to detect and prevent hostile intelligence collection operations intent on penetrating DOE installations to steal technology or sensitive or classified information;</li> <li>• Conduct the telecommunications security activities consisting of emission security, protected transmission systems, and communications security to ensure the protection of DOE's sensitive unclassified and classified telecommunications through various security components;</li> <li>• Provide access authorization adjudication services (i.e., case reviews and analysis, interviews, and use of court reporters and consulting physicians as needed) for DOE Headquarters personnel to assure that access to DOE classified information is permitted only after a determination that such access will not endanger the common defense and national</li> </ul>	

FY 2014 Enacted <sup>1</sup>	FY 2015 Request	Explanation of Changes FY 2015 vs FY 2014 Enacted
	<p>security;</p> <ul style="list-style-type: none"><li>• Implement Homeland Security Presidential Directive 12 requirements related to the secure and reliable identification of DOE Federal and contractor employees;</li><li>• Provide technical support for the implementation of the DOE Headquarters security awareness and classified matter protection and control programs;</li><li>• Administer the DOE Headquarters facility clearance registration and foreign ownership, control, or influence programs for contractors granted access to classified information; and</li><li>• Conduct safeguards and security surveys, self-assessments, and program reviews to ensure that DOE Headquarters operations comply with Departmental and national-level requirements.</li></ul>	

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## Program Direction

### **Overview**

Program Direction provides for Federal staffing and mission support services to provide overall direction and execution of the AU mission of conducting the Department's activities in environment, health, safety, and security policy, technical assistance, analysis, and corporate programs.

### Technical Mission Support: Defense Nuclear Facilities Safety Board (DNFSB) Liaison Activities

Liaison activities facilitate the Department's interaction with the DNFSB.

### Other Related Expenses

Other related expenses provide support required for AU to accomplish its mission. Support includes working capital fund services; training for Federal employees; funding for information technology equipment and services and DOE common operating environment fees; and executive protection and other security-related equipment.



**Program Direction**

**Activities and Explanation of Changes**

FY 2014 Enacted <sup>1</sup>	FY 2015 Request	Explanation of Changes FY 2015 vs FY 2014 Enacted
<b>Salaries and Benefits</b>		
	<ul style="list-style-type: none"> <li>• Provide: corporate-level leadership and strategic vision to coordinate and integrate environment, health, safety, and security policy development and technical assistance; analysis; corporate safety and security programs including insider threat activities; quality assurance programs; executive protection; and effective cross-organizational coordination to resolve Defense Nuclear Facilities Safety Board-related technical and management issues necessary to ensure worker and public health and safety;</li> <li>• Manage the conduct of domestic and international health programs;</li> <li>• Implement physical and personnel security programs for DOE Headquarters facilities; and</li> <li>• Manage the U.S. Government-wide program to classify and declassify nuclear weapons-related technology and other national security information.</li> </ul>	Funding was transferred from Health, Safety and Security within the Other Defense Activities appropriation.
<b>Travel</b>		
	<ul style="list-style-type: none"> <li>• Management and conduct of environment, health, safety, and security programs for the Department; and</li> <li>• Executive protection activities for the Secretary, Deputy Secretary, and other dignitaries as assigned.</li> </ul>	Funding was transferred from Health, Safety and Security within the Other Defense Activities appropriation.
<b>Technical Mission Support</b>		
<i>Defense Nuclear Facilities Safety Board (Board) Liaison Activities</i>	<i>Defense Nuclear Facilities Safety Board (Board) Liaison Activities</i> <ul style="list-style-type: none"> <li>• Promote resolution of recommendations and agreed-upon safety issues;</li> </ul>	<i>Defense Nuclear Facilities Safety Board (Board) Liaison Activities</i> Funding was transferred from Health, Safety and Security within the Other Defense Activities.

<sup>1</sup> FY 2014 funding for these activities is included in the Health, Safety and Security budget within the Other Defense Activities appropriation.

FY 2014 Enacted <sup>1</sup>	FY 2015 Request	Explanation of Changes FY 2015 vs FY 2014 Enacted
	<ul style="list-style-type: none"> <li>• Provide requested reports on nuclear safety issues;</li> <li>• Provide ready access to such facilities, personnel, and information as are necessary for the Board to carry out its responsibilities;</li> <li>• Provide technical evaluation and analysis of safety and management issues identified by the Board; Provide advice and support to DOE line managers on addressing and resolving such issues; and</li> <li>• Monitor Department-wide performance in addressing issues raised by the Board.</li> </ul>	<p>appropriation</p>
<b>Other Related Expenses</b>		
	<ul style="list-style-type: none"> <li>• Working capital fund fees, based on guideline estimates issued by the working capital fund manager, for the cost of common administrative services such as building occupancy and alterations, computer and telephone infrastructure and usage, mail service, copying, printing and graphics, procurement closeouts, supplies, online learning, computer network support, and payroll processing;</li> <li>• Federal employee training to obtain and/or maintain the technical competence of Federal employees, assuring that Federal personnel are fully capable of performing current and future missions of the Department;</li> <li>• The DOE common operating environment initiative that provides a single point of contact for all common information technology systems and services and brings security, service, efficiency, and scale to these projects;</li> <li>• Information technology investments that support Headquarters Federal and contractor staff with hardware, software, hotline, and other desktop computer maintenance support on per-user count and level of service;</li> </ul>	<p>Funding was transferred from Health, Safety and Security within the Other Defense Activities appropriation.</p>

FY 2014 Enacted <sup>1</sup>	FY 2015 Request	Explanation of Changes FY 2015 vs FY 2014 Enacted
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- Information technology systems exclusive to AU such as the classified local area network that includes a Secret/Restricted Data network that supports Headquarters users and the Secret Internet Protocol Router Network that provides access to the Department of Defense classified network to effect coordination between the two departments;
  - Executive protection services to the Secretary of Energy and others designated by the Secretary; and the conduct of inquiries and investigations into significant matters of security concern; and
  - Specialized security equipment and services.
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**Environment, Health, Safety and Security  
Safeguards and Security (\$K)**

	<b>FY 2013 Current</b>	<b>FY 2014 Enacted</b>	<b>FY 2015 Request</b>	<b>FY 2015 vs FY 2014 Enacted</b>
Protective Forces	0	0	23,410	+23,410
Physical Security Systems	0	0	2,400	+2,400
Information Security	0	0	8,457	+8,457
Cyber Security	0	0	5,180	+5,180
Personnel Security	0	0	2,000	+2,000
Program Management	0	0	5,762	+5,762
Safety & Security Training	0	0	0	0
Security Investigations	0	0	7,445	+7,445
<b>Total, Safeguards and Security</b>	<b>0</b>	<b>0</b>	<b>54,654</b>	<b>+54,564</b>

## Independent Enterprise Assessments

### Overview

On February 12, 2014, the Secretary of Energy announced the next steps in the Department's reorganization plan to better focus the Energy Department's efforts on all four mission areas of the Department, including nuclear security, solving the Nation's energy challenges, advancing fundamental science and environmental stewardship. As part of this reorganization, the existing Office of Health, Safety and Security's independent oversight, enforcement, safety and security training, and outreach activities will comprise the Office of Independent Enterprise Assessments (IEA) reporting directly to the Office of the Secretary. The FY 2015 funding for these realigned activities is included in this budget request.

The mission of IEA is to provide the Secretary, Deputy Secretary and DOE leadership with independent oversight and evaluation of the effectiveness of DOE policies and line management performance in the areas of nuclear and worker safety, physical and cyber security, and other areas as directed by the Secretary. IEA provides a long-term view of performance and will institutionalize an assessment process using an efficient systematic process that emphasizes performance and performance testing; the conduct of follow-up activities to determine the effectiveness of corrective actions; and, the promotion of line management self-assessment activities thereby enhancing overall performance in safety, security, and other programs as directed by the Secretary of Energy.

IEA provides the Secretary with comprehensive analyses of critical high hazard operations and the highest priority safeguards and security interests and provides recommendations on how best to remediate issues and/or share successful best practices. IEA conducts evaluations to verify that the Department's safeguards and security interests are protected; the Department can effectively respond to emergencies; and that site workers, the public and the environment are protected from hazardous operations and materials. IEA is organizationally independent of the DOE offices that develop and implement policy and programs, and therefore, can objectively observe and report on these policies and programs as they relate to Departmental operations.

In addition to independent assessments of DOE's program and site operations, IEA provides the Department with an expanded investigative capability to conduct enforcement functions in the areas of worker safety and health, nuclear safety, and classified information security, complementing the Department's self reporting mechanisms and providing an integrated, alternative source of discovery of violations. IEA also operates the DOE National Training Center to ensure the timely incorporation of lessons learned from inspections, reviews, and assessments into training courses. IEA also conducts outreach activities with labor unions, other U.S. government entities, private sector industrial and education organizations to inform the Secretary of outside inputs/positions as well as to drive appropriate outcomes.

**Independent Enterprise Assessments  
Funding (\$K)**

	<b>FY 2013 Current<sup>1</sup></b>	<b>FY 2014 Enacted<sup>1</sup></b>	<b>FY 2014 Current<sup>1</sup></b>	<b>FY 2015 Request</b>	<b>FY 2015 vs FY 2014 Enacted</b>
<b>Independent Enterprise Assessments</b>					
Outreach	—	—	—	500	+500
Nuclear Safety Oversight	—	—	—	6,621	+6,621
Enforcement	—	—	—	1,947	+1,947
National Training Center	—	—	—	15,000	+15,000
<b>Total, Independent Enterprise Assessments</b>	—	—	—	<b>24,068</b>	<b>+24,068</b>
<b>Program Direction</b>	—	—	—	<b>49,466</b>	<b>+49,466</b>
<b>Total, Independent Enterprise Assessments</b>	—	—	—	<b>73,534</b>	<b>+73,534</b>

<sup>1</sup> FY 2013 and FY 2014 funding for these activities is included in the Health, Safety and Security budget within the Other Defense Activities appropriation.

**Independent Enterprise Assessments**  
**Explanation of Major Changes (\$K)**

<b>FY 2015 vs FY 2014 Enacted</b>
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<b>Independent Enterprise Assessments:</b> Funding was transferred from Health, Safety and Security within the Other Defense Activities appropriation.	<b>+73,534</b>
<b>Total, Independent Enterprise Assessments</b>	<b>+73,534</b>

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## Independent Enterprise Assessments

### Description

The IEA program provides the Secretary, Deputy Secretary and DOE leadership with evaluation of the effectiveness of DOE policies and line management performance in the areas of nuclear and worker safety and classified information physical and cyber security. IEA provides a long-term view of performance and institutionalizes an assessments process using an efficient systematic process that emphasizes performance and performance testing; the conduct of follow-up activities to determining the effectiveness of corrective actions; and, promoting line management self-assessment activities thereby enhancing overall performance in safety and security.

IEA provides the Department with an expanded investigative capability to conduct enforcement functions in the areas of worker safety and health, nuclear safety, and classified information security, complementing the Department's self reporting mechanisms and providing an integrated, alternative source of discovery of violations. IEA also operates the DOE National Training Center to ensure the timely incorporation of lessons learned from inspections, reviews and assessments into training courses. IEA conducts outreach activities with labor unions, other U.S. government entities, private sector industrial and education organizations to inform the Secretary of outside inputs/positions as well as to drive appropriate outcomes.

In FY 2015, IEA will:

1. Provide relevant training and professional development programs through the National Training Center and foster the expansion of the reciprocity program whereby certified safety training programs are recognized by other DOE contractors and sites.
2. Promulgate a corporate approach of openness and collaboration with management, workers, unions, and other interested parties to address complex health, safety, and security issues.

### Outreach

Establishes and maintains collaborative relationships with organizations both internal and external to DOE in order to foster improvements in health, safety, environmental and security performance at DOE sites.

### Nuclear Safety Oversight

Provides for the conduct of independent oversight assessments of high hazard nuclear facility (as defined in 10 C.F.R. 830) construction projects to ensure compliance with nuclear safety requirements; and DOE nuclear facilities and operations to ensure compliance with nuclear safety requirements.

### Enforcement

DOE's worker safety and health, nuclear safety, and classified information security enforcement activities implement programs specified in 10 C.F.R. 851, Worker Safety and Health Program; 10 C.F.R. 820, Procedural Rules for DOE Nuclear Activities; and 10 C.F.R. 824, Procedural Rules for the Assessments of Civil Penalties for Classified Information Security Violations. The goals of these enforcement activities are to ensure that DOE contractors adhere to worker safety and health, nuclear safety, and classified information security requirements, and to promote proactive improvement of worker and nuclear safety and security performance through timely self-identification, reporting, and correction of noncompliant conditions to enable contractors to achieve excellence in mission accomplishment without the need for enforcement actions.

### Safety and Security Training

This activity develops and maintains the proficiency and competency, and builds the management excellence, of DOE safety and security personnel, in direct support of Departmental objectives, through standardized training for the protection of the environment, the safety and health of the public and the workforce, and the security of critical Departmental and national security assets. The DOE National Training Center, located in Albuquerque, New Mexico, serves as the primary resource for DOE safety and security training.

**Independent Enterprise Assessments**

**Activities and Explanation of Changes**

FY 2014 Enacted <sup>1</sup>	FY 2015 Request	Explanation of Changes FY 2015 vs FY 2014 Enacted
<b>Outreach</b>		
	<ul style="list-style-type: none"> <li>Establish and maintain collaborative relationships with organizations both internal and external to DOE in order to foster improvements in health, safety, environmental and security performance at DOE sites.</li> </ul>	Funding was transferred from Health, Safety and Security within the Other Defense Activities appropriation.
<b>Nuclear Safety Oversight</b>		
	<ul style="list-style-type: none"> <li>Conduct independent oversight of high hazard nuclear facility (as defined in 10 C.F.R. 830) construction projects to ensure compliance with nuclear safety requirements; and</li> <li>Provide independent oversight of DOE nuclear facilities and operations to ensure compliance with nuclear safety requirements.</li> </ul>	Funding was transferred from Health, Safety and Security within the Other Defense Activities appropriation.
<b>Enforcement</b>		
	<ul style="list-style-type: none"> <li>Review and analyze operational data from the DOE data management systems designed specifically for noncompliance reporting, as well as reports from independent oversight activities, the DOE Occurrence Reporting and Processing System, the DOE Computerized Accident/Incident Reporting System, the DOE Safeguards and Security Information Management System, Federal accident investigations, and DOE site and program office assessments and evaluations to determine whether enforcement investigations are warranted and to analyze trends in noncompliance events;</li> <li>Conduct regulatory reviews;</li> <li>Conduct enforcement investigations;</li> <li>Develop and issue enforcement actions and other regulatory outcomes, such as notices of violation, enforcement letters, consent orders, and</li> </ul>	Funding was transferred from Health, Safety and Security within the Other Defense Activities appropriation.

<sup>1</sup> FY 2014 funding for these activities is included in the Health, Safety and Security budget within the Other Defense Activities appropriation.

FY 2014 Enacted <sup>1</sup>	FY 2015 Request	Explanation of Changes FY 2015 vs FY 2014 Enacted
	<p>compliance orders, and assess civil penalties or other sanctions for regulatory violations; and</p> <ul style="list-style-type: none"> <li>• Conduct periodic outreach and training activities to communicate the Department’s approach to safety and security enforcement, convey noncompliance reporting expectations, and provide information about DOE regulatory performance.</li> </ul>	
<b>Safety &amp; Security Training</b>	<ul style="list-style-type: none"> <li>• Develop and provide security-and safety-related training and professional development programs at the DOE National Training Center, at DOE sites through mobile training teams, and through Webinars, video conferencing, and synchronous distance learning ;</li> <li>• Maintain and upgrade equipment and technologies to support a greater web presence and “just-in-time” online training products, such as webcasts and topical area seminars; and</li> <li>• Operate and maintain the DOE National Training Center, including classrooms, administrative offices, weapons live-fire ranges, and the Integrated Safety and Security Training and Evaluation Complex, a simulated DOE research and operational facility designed to allow for the use and evaluation of training methodologies and evolving safety and security technologies through hands-on, performance-based instruction.</li> </ul>	<p>Funding was transferred from Health, Safety and Security within the Other Defense Activities appropriation.</p>

## Program Direction

### Overview

Program Direction provides for Federal staffing and mission support services to provide overall direction and execution of the IEA mission to conduct expert evaluations of management performance in safety, security and other areas; implement health and safety, nuclear safety, and classified information security enforcement programs; develop and administer safety and security training that reflects the most current Departmental policy on safety and security issues; and establish and maintain collaborative relationships with organizations both internal and external to DOE in order to foster improvements in health, safety, environmental and security performance at DOE sites.

Critical to achieving its vision and goals is the ability of IEA to maintain a highly qualified workforce with the expertise and skills necessary to support, manage, and conduct its mission. The IEA workforce is composed of health, safety, and security professionals grounded in science, engineering, and technology that are led by effective program and project managers with exceptional communication and leadership skills and supported by innovative resource management experts. The judicious use of contractor support continues to be a practical and cost-effective means of providing a surge pool of technical experts.

### Technical Mission Support: Independent Oversight

Independent oversight activities provide high value to the Department by identifying gaps and vulnerabilities in safety (worker, nuclear, and facility safety), physical security, and cyber security programs and related performance. Independent oversight activities are tailored to the unique needs of each DOE program and site office, and consider relative risks and past performance in determining specific assessments activities. Safeguards and security and cyber security-related independent oversight activities are designed to determine whether special nuclear materials, classified matter (parts and information), and sensitive information are adequately protected from unauthorized or inadvertent disclosure or diversion. Safety-related independent oversight activities help to ensure that workers and the public are protected from the hazards associated with the Department's sites and operations, and to preclude events that could negatively impact the Department's ability to perform its mission and achieve its goals. Independent oversight activities provide accurate and timely information and analysis regarding the effectiveness of the Department's safety and security programs and other functions of interest. Information is made available to Department management, congressional committees, and stakeholders, such as unions and local public interest groups, to provide confidence that the Department's operations are performed in a safe and secure manner.

Independent oversight activities complement but do not replace DOE line management's responsibility for security and safety, as required by Departmental policies. Independent oversight functions include those that: (1) are required by a Federal law, Executive Order, or other mandate; and (2) need to be performed by an organization with independence from mission responsibilities to ensure that DOE safety and security programs are credible to internal and external stakeholders. As required by DOE Order 227.1, Independent Oversight Program, independent oversight activities are performed by personnel who are organizationally independent of the DOE program and site offices that implement policies and programs, and who can therefore objectively observe and report on those policies and programs as they relate to Departmental operations. Independent oversight processes are governed by documented, formal protocols that are continuously evaluated, revised, and refined based on Departmental and national events and activities that have an impact on DOE security and safety in order to provide more useful performance data and related information to line managers.

### Other Related Expenses

Other related expenses provide support required for IEA to accomplish its mission. Support includes working capital fund services; training for Federal employees; funding for information technology equipment and services, and DOE common operating environment fees.



**Program Direction**

**Activities and Explanation of Changes**

FY 2014 Enacted <sup>1</sup>	FY 2015 Request	Explanation of Changes FY 2015 vs FY 2014 Enacted
<b>Salaries and Benefits</b>		
	<ul style="list-style-type: none"> <li>Federal staffing and mission support services to provide overall direction and execution of the IEA mission to conduct expert evaluations of management performance in safety, security and other areas; implement health and safety, nuclear safety, and classified information security enforcement programs; develop and administer safety and security training that reflects the most current Departmental policy on safety and security issues; and establish and maintain collaborative relationships with organizations both internal and external to DOE in order to foster improvements in health, safety, environmental and security performance at DOE sites.</li> </ul>	Funding was transferred from Health, Safety and Security within the Other Defense Activities appropriation.
<b>Travel</b>		
	<ul style="list-style-type: none"> <li>Management and conduct of IEA activities for the Department.</li> </ul>	Funding was transferred from Health, Safety and Security within the Other Defense Activities appropriation.
<b>Technical Mission Support</b>		
	<p><i>Independent Oversight Activities</i></p> <ul style="list-style-type: none"> <li>Observe operations and conduct technical assessments and performance tests that examine the effectiveness of safety and security programs and policies, giving priority to the highest security interests, such as strategic quantities of special nuclear material, and activities that present the most significant safety risks to workers and the public, such as nuclear facilities and operations;</li> <li>Conduct performance tests for the highest-priority safeguards and security interests, including protective force tests (e.g., force-on-force exercises) using weapons simulation systems and a</li> </ul>	Funding was transferred from Health, Safety and Security within the Other Defense Activities appropriation.

<sup>1</sup> FY 2014 funding for these activities is included in the Health, Safety and Security budget within the Other Defense Activities appropriation.

FY 2014 Enacted <sup>1</sup>	FY 2015 Request	Explanation of Changes FY 2015 vs FY 2014 Enacted
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specially trained composite adversary team to assess overall security effectiveness;

- Conduct announced and unannounced internal and external network penetration testing to provide a full understanding of a site’s cyber security protection posture;
- Conduct the annual independent evaluation of classified information systems security programs for DOE as required by the Federal Information Security Management Act;
- Conduct an annual evaluation of classified information systems security programs for systems that process intelligence information on behalf of the DOE Office of Intelligence and Counterintelligence;
- Provide input to the DOE Office of Inspector General for the annual evaluation of the DOE unclassified information systems security program;
- Conduct annual “red team” cyber security assessments of the computer networks within the National Nuclear Security Administration weapons laboratories;
- Conduct independent oversight of high hazard nuclear facility construction projects to ensure compliance with nuclear safety requirements;
- Conduct targeted reviews of selected nuclear safety functional areas across the DOE complex based on such factors as performance trends, changes to applicable requirements, and/or performance information gaps;
- Maintain the nuclear safety site lead program to monitor the status of DOE nuclear facilities and activities and facilitate the selection and execution of risk-informed oversight activities;
- Conduct special reviews and studies of safety and security policies, programs, and implementation to identify needed program corrections;
- Develop reports identifying findings and

FY 2014 Enacted <sup>1</sup>	FY 2015 Request	Explanation of Changes FY 2015 vs FY 2014 Enacted
	<p>opportunities for improvement;</p> <ul style="list-style-type: none"> <li>• Conduct follow-up reviews to evaluate corrective action effectiveness ; and</li> <li>• Provide lessons learned and trending of inspection results to the National Training Center to be used to develop or amend safety and security curricula.</li> </ul>	
<b>Other Related Expenses</b>		
	<ul style="list-style-type: none"> <li>• Working capital fund fees, based on guideline estimates issued by the working capital fund manager, for the cost of common administrative services such as building occupancy and alterations, computer and telephone infrastructure and usage, mail service, copying, printing and graphics, procurement closeouts, supplies, online learning, computer network support, and payroll processing;</li> <li>• Federal employee training to obtain and/or maintain the technical competence of IEA Federal employees, assuring that Federal personnel are fully capable of performing missions of the Department; and</li> <li>• The DOE common operating environment initiative that provides a single point of contact for all common information technology systems and services and brings security, service, efficiency, and scale to these projects.</li> </ul>	<p>Funding was transferred from Health, Safety and Security within the Other Defense Activities appropriation.</p>

**Independent Enterprise Assessments  
Facilities Maintenance and Repair**

The Department’s Facilities Maintenance and Repair activities are tied to its programmatic missions, goals, and objectives. Facilities Maintenance and Repair activities funded by this budget are displayed below.

**Costs for Direct-Funded Maintenance and Repair (including Deferred Maintenance Reduction) (\$K)**

	FY 2013 Actual Costs <sup>1</sup>	FY 2013 Planned Costs <sup>1</sup>	FY 2014 Planned Costs <sup>1</sup>	FY 2015 Planned Costs
National Training Center	—	—	—	459
<b>Total, Direct-Funded Maintenance and Repair</b>	—	—	—	459

**Report on FY 2013 Expenditures for Maintenance and Repair**

This report responds to legislative language set forth in Conference Report (H.R. Conf. Rep. No. 108-10) accompanying the Consolidated Appropriations Resolution, 2003 (Public Law 108-7) (pages 886-887), which requests the Department of Energy provide an annual year-end report on maintenance expenditures to the Committees on Appropriations. This report compares the actual maintenance expenditures in FY 2013 to the amount planned for FY 2013, including congressionally authorized changes.

**Total Costs for Maintenance and Repair (\$K)**

	FY 2013 Actual Cost <sup>1</sup>	FY 2013 Planned Cost <sup>1</sup>
National Training Center	—	—
<b>Total, Maintenance and Repair</b>	—	—

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<sup>1</sup> FY 2013 and FY 2014 funding for these activities is included in the Health, Safety and Security budget within the Other Defense Activities appropriation.

Environment, Health, Safety and Security  
Safeguards and Security (\$K)

FY 2013 Current	FY 2014 Enacted	FY 2015 Request	FY 2015 vs FY 2014 Enacted
0	0	15,000	+15,000
<b>0</b>	<b>0</b>	<b>15,000</b>	<b>+15,000</b>

Safety & Security Training  
**Total, Safeguards and Security**

## **Legacy Management**

### **Overview**

The Office of Legacy Management's (LM) program is the final element of site remediation and closure after active remediation is complete – fulfilling the Department's commitments to ensure protection of human health and the environment and ensure all contractual obligations are met. The majority of LM's activities are long-term, involved with maintaining the Department's regulatory and contractual commitments. Short-term activities assist with the targeted outcome of the Department's 2014-2018 Strategic Plan to complete environmental remediation of our legacy and active sites. The mission of LM achieves the Strategic Plan goal of Management and Performance: Position the Department of Energy (DOE) to meet the challenges of the 21<sup>st</sup> century and the Nation's Manhattan Project and Cold War legacy responsibilities by employing effective management and refining operational and support capabilities to pursue departmental missions.

LM provides funding for Long-Term Surveillance and Maintenance (LTS&M), Environmental Justice (EJ), Archives and Information Management (AIM), Pension and Benefit Continuity, Asset Management, and Program Direction.

### **Highlights of the FY 2015 Budget Request**

LM will continue its activities at approximately the same level as FY 2014. The funding levels of the program request will allow LM to conduct monitoring and associated activities at its sites and pay the post-retirement benefits of eligible former contractor employees.

**Legacy Management  
Funding (\$K)**

**Legacy Management**

**Legacy Management**

- Long-Term Surveillance and Maintenance
- Environmental Justice
- Archives and Information Management
- Pension and Benefit Continuity
- Asset Management

**Total, Legacy Management**

**Program Direction**

**Total, Legacy Management**

	<b>FY 2013 Current</b>	<b>FY 2014 Enacted</b>	<b>FY 2014 Current</b>	<b>FY 2015 Request</b>	<b>FY 2015 vs FY 2014 Enacted</b>
	39,708	46,205	46,205	46,051	-154
	1,303	1,303	1,303	1,303	0
	15,457	14,158	14,158	13,967	-191
	77,799	92,374	92,374	88,200	-4,174
	10,336	9,231	9,231	9,118	-113
	<b>144,603</b>	<b>163,271</b>	<b>163,271</b>	<b>158,639</b>	<b>-4,632</b>
	<b>11,096</b>	<b>13,712</b>	<b>13,712</b>	<b>13,341</b>	<b>-371</b>
	<b>155,699</b>	<b>176,983</b>	<b>176,983</b>	<b>171,980</b>	<b>-5,003</b>

**Legacy Management**  
**Explanation of Major Changes (\$K)**

<b>FY 2015 vs FY 2014 Enacted</b>
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**-4,632**

**Legacy Management:** Funding requirements for Pension and Benefit Continuity have decreased due to a decrease in estimated medical costs.

**Program Direction:** No significant change. LM will add one FTE during FY 2015.

**-371**

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**Total, Legacy Management**

**-5,003**

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## **Legacy Management Legacy Management**

### **Description**

The Legacy Management (LM) subprogram contains essential elements to assist the Department in achieving the strategic goal of providing a long-term solution to the environmental legacy of the Cold War and ensure that DOE fulfills its long-term commitments to protect human health and the environment and post-retirement benefits for former contractor workers. By funding the long-term activities in the LM subprogram, other DOE programs are able to concentrate on risk reduction and site closure.

### Long-Term Surveillance and Maintenance

This activity is required for remediated sites. Before transferring to LM, cleanup is performed to a level that protects human health and the environment. DOE maintains the sites to ensure the cleanup remains protective of human health and the environment. Site conditions must meet the regulatory requirements established by state and Federal agencies in cooperation with local Governments, Tribal Nations, and public stakeholders.

The funding requested for FY 2015 will allow LM to manage its sites in accordance with legal, contractual, and regulatory agreements. Routine functions include soil, water, and air monitoring, long-term treatment of contaminants, maintenance of disposal cells, inspection of institutional controls, stakeholder involvement, and security.

Funding for this activity is required to meet legal and regulatory requirements for LM sites. A related cost, directly supporting this activity and embedded within the total activity cost, is safeguards and security for LM properties. The costs include protective forces and physical security systems as follows: FY 2013 - \$178K; FY 2014 - \$144K; and FY 2015 - \$160K.

### Environmental Justice

Executive Order 12898, Federal Actions to Address Environmental Justice (EJ) in Minority and Low-Income Populations, directed each Federal agency to make achieving EJ part of its mission. LM provides a leadership role, coordinates EJ activities within the Department, and represents the Department in interagency planning and activities.

The FY 2015 funding continues actions under a Memorandum of Understanding (MOU) that includes participation from 17 Federal agencies to work collaboratively with communities to increase their ability to sustain a healthy quality of life.

### Archives and Information Management

LM is the custodian of legacy physical and electronic records for LM sites including the major closure sites of Fernald, Mound, and Rocky Flats. LM is responsible for approximately 114,000 cubic feet of physical records and 199 terabytes of electronic files. LM's responsibility in this area includes the management of the records and information systems (e.g., the Licensing Support Network) associated with the Yucca Mountain site.

Within this activity, LM provides records management services for its active program elements and maintains legacy archives of inherited collections, including electronic records and records in other media, e.g., x-ray film. Elements include records management policy and procedure development, planning, and development of oversight processes and actions that guide and govern physical and electronic records management operations. This latter element includes critical preservation efforts for fragile or deteriorating records. The archives and information management activity also includes managing records over the standard record life-cycle and developing records retention schedules in conjunction with National Archives and Records Administration (NARA) requirements. These functions encompass operational records retention, records maintenance and use, and records disposition processes and activities to ensure proper documentation of LM's environmental protection, environmental remediation, and hazardous waste disposition-related policies and activities.

The activity has frequent public interactions through support of requests associated with the Freedom of Information Act (FOIA), Privacy Act, and other information requests and DOE stakeholders processing claims associated with the Energy Employees Occupational Illness Compensation Program Act (EEOICPA). LM currently receives about 1,400 information requests each year.

This activity also provides LM's information management and technology needs. This work involves the coordination of information collection, storage, dissemination, and destruction as well as managing the policies, guidelines, and standards regarding information management. LM maintains its information technology (IT) infrastructure – including keeping functional equipment, operating systems, and software capable of accessing electronic records – and provides planning, design, and maintenance of an IT infrastructure to effectively support automated needs (e.g., platforms, networks, servers, printers, etc.) and provides IT security for LM's unclassified computing networks.

IT security involves all processes and activities pertaining to the securing of Federal data and systems through the creation and definition of security policies, procedures and controls covering such services as identification, authentication, and non-repudiation in accordance with Federal Information Processing Standards (FIPS) and the Federal Information Security Management Act. The cost of the embedded cyber security functions are as follows: FY 2013 - \$869K; FY 2014 - \$771K; and FY 2015 - \$784K.

#### Pension and Benefit Continuity

This activity fulfills the Department's commitment to its former contractor employees from closure sites and certain employees from other sites. For sites that have been closed following the end of active programs and completion of site remediation, LM is responsible for ensuring the former contractor employees receive their pension plan benefits and post-retirement benefits (PRB) per the contractual agreements. Dependent upon the contract provisions for the respective sites, LM provides former contractor employees with all or some of the following benefits: pension fund contributions, health insurance, Medicare Part B, and life insurance.

In FY 2015, LM will administer pensions and/or PRB for eight sites: Fernald (OH), Grand Junction (CO), Mound (OH), Paducah (KY), Pinellas (FL), Portsmouth (OH), Rocky Flats (CO), and Yucca Mountain (NV).

The number of participants – in some cases, including spouses – in the pension and/or benefits plans is ~11,000. The total number of participants is expected to decrease over time due to a closed participant population and normal mortality.

#### Asset Management

This activity will assist the Department in achieving the targeted outcome of reducing the Cold War legacy waste site footprint.

LM manages tens of thousands of acres of land and other assets. This activity focuses on management of those assets – including administration of leases for property used in program functions, infrastructure and facility management, and environmental compliance – and on reuse or transfer of the real and personal property to other agencies or private interests. Transferring land to a private interest allows the land to be reused productively, reduces the Department's "footprint," and enables resumption of local property taxes. Transfer of excess assets to non-DOE ownership is a priority. LM has a target to transfer one property by the end of FY 2015. The reduced cost of managing LM leases has contributed to relatively constant funding requirements.

This activity also includes management of lease tracts for uranium mining on selected Federal lands in Colorado. By managing lands for domestic production of uranium, LM enables prudent development of our natural resources. Uranium lease management will continue to strengthen LM's capacity for long-term management of uranium-related issues.

LM is a recognized leader within DOE in sustainability of resources which assists DOE in attaining goals identified in Executive Orders 13423 and 13514, the DOE Strategic Sustainability Program Plan, and DOE Order 436.1. The asset management activity is responsible for promoting energy savings and other resource conservation measures in the operation of LM's facilities.

A related cost directly supporting this activity and embedded within the total activity cost is safeguards and security for LM properties. The costs include protective forces, physical security systems, personnel security, information security, and program management as follows: FY 2013 - \$522K; FY 2014 - \$642K; and FY 2015 - \$552K.

**Legacy Management**

**Activities and Explanation of Changes**

FY 2014 Enacted	FY 2015 Request	Explanation of Changes FY 2015 vs FY 2014 Enacted
<b>Long Term Surveillance and Maintenance</b>		
<ul style="list-style-type: none"> <li>• Conduct surveillance and maintenance at 92 sites.</li> <li>• Accept responsibility for 3 additional sites.</li> <li>• Conduct needed actions to prepare for transfer of future sites.</li> </ul>	<ul style="list-style-type: none"> <li>• Conduct surveillance and maintenance at 96 sites.</li> <li>• Accept responsibility for 4 additional sites.</li> <li>• Conduct needed actions to prepare for transfer of future sites.</li> </ul>	No significant change.
<b>Environmental Justice</b>		
<ul style="list-style-type: none"> <li>• Continue EJ functions as the Departmental focus for that program element.</li> <li>• Promote EJ functions in the communities affected by DOE closure actions.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue EJ functions as the Departmental focus for that program element.</li> <li>• Promote EJ functions in the communities affected by DOE closure actions.</li> </ul>	No change.
<b>Archives and Information Management</b>		
<ul style="list-style-type: none"> <li>• Continue records/IT management functions for all sites and activities.</li> <li>• Accept responsibility for records/IT for sites transferred to LM during the fiscal year.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue records/IT management functions for all sites and activities.</li> <li>• Accept responsibility for records/IT for sites transferred to LM during the fiscal year.</li> </ul>	No significant change.
<b>Pension and Benefit Continuity</b>		
<ul style="list-style-type: none"> <li>• Continue to pay pensions and/or PRB for 8 sites.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue to pay pensions and/or PRB for 8 sites.</li> </ul>	Mortality and shifting participants into Medicare have offset medical inflation. Medical inflation rates have decreased.
<b>Asset Management</b>		
<ul style="list-style-type: none"> <li>• Continue asset management support for 92 existing sites.</li> <li>• Add 3 sites by the end of FY 2014.</li> <li>• Manage infrastructure and facilities at LM sites.</li> <li>• Continue management of the Uranium Leasing program.</li> <li>• Continue efforts in the DOE sustainability initiative.</li> <li>• Continue to increase and manage beneficial reuse initiatives at sites available for reuse.</li> <li>• Disposition of 2 properties during FY 2014.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue asset management support for 96 existing sites.</li> <li>• Add 4 sites by the end of FY 2015.</li> <li>• Manage infrastructure and facilities at LM sites.</li> <li>• Continue management of the Uranium Leasing program.</li> <li>• Continue efforts in the DOE sustainability initiative.</li> <li>• Continue to increase and manage beneficial reuse initiatives at sites available for reuse.</li> <li>• Disposition of 1 property during FY 2015.</li> </ul>	No significant change.

**Legacy Management  
Performance Measures**

In accordance with the GPRA Modernization Act of 2010, the Department sets targets for, and tracks progress toward, achieving performance goals for each program. For more information, refer to the Department's FY 2013 Annual Performance Report.

	FY 2013	FY 2014	FY 2015
Performance Goal (Measure)	<b>Conduct surveillance and maintenance actions at all sites within LM's responsibility to ensure the effectiveness of cleanup remedies in accordance with legal agreements or identify sites subject to additional remedial action.</b>		
Target	89 sites	92 sites	96 sites
Result	89 sites	Not applicable	Not applicable
Endpoint Target	Inspections will continue indefinitely. Inspection of 100 percent of the sites will continue to be the goal.		
<hr/>			
Performance Goal (Measure)	<b>Reduce the cost of performing long-term surveillance and maintenance activities by 2 percent per year based on an independently reviewed baseline.</b>		
Target	2 percent reduction below the baseline	2 percent reduction below the baseline	2 percent reduction below the baseline
Result	11.8 percent reduction below the baseline	Not applicable	Not applicable
Endpoint Target	Cost efficiencies will be realized each year while meeting all regulatory requirements to protect human health and the environment.		

## **Program Direction**

### **Overview**

The LM mission is carried out by a workforce composed mainly of contractors paid mostly from program funds. Oversight, policy, and inherently governmental functions (e.g., contract administration and budget formulation and execution) are provided by a Federal workforce funded from program direction. Within the program direction subprogram, most costs are associated with Federal personnel salaries and benefits.

LM was designated as an HPO in 2007. Since 2007, LM has limited the number of Federal Full Time Equivalents (FTEs) to levels negotiated with OMB. The total FTEs have fluctuated due to the addition or reduction of functions. The FY 2015 Request includes one additional FTE to meet growing site management responsibilities.

### **Highlights of the FY 2015 Budget Request**

During FY 2015, LM will add one FTE due to additional site responsibility. Efficiencies in other program direction elements will allow LM to add this FTE without increasing the program direction request.

**Program Direction  
Funding (\$K)**

FY 2013 Current	FY 2014 Enacted	FY 2014 Current	FY 2015 Request	FY 2015 vs FY 2014 Enacted
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**Program Direction Summary**

**Washington Headquarters**

Salaries and Benefits	8,500	9,906	9,906	10,100	+194
Travel	508	508	508	508	0
Support Services	746	985	985	758	-227
Other Related Expenses	1,342	2,313	2,313	1,975	-338
<b>Total, Program Direction</b>	<b>11,096</b>	<b>13,712</b>	<b>13,712</b>	<b>13,341</b>	<b>-371</b>
<b>Federal FTEs</b>	<b>61</b>	<b>62</b>	<b>62</b>	<b>63</b>	<b>+1</b>

**Support Services and Other Related Expenses**

**Support Services**

Technical Support					
System Definition	100	120	120	110	-10
<b>Total, Technical Support</b>	<b>100</b>	<b>120</b>	<b>120</b>	<b>110</b>	<b>-10</b>
Management Support					
Manpower Systems Analysis	100	136	136	125	-11
Training and Education	82	102	102	70	-32
Analysis of DOE Management Processes	120	165	165	110	-55
Reports and Analyses Management and General Administrative Support	344	462	462	343	-119
<b>Total Management Support</b>	<b>646</b>	<b>865</b>	<b>865</b>	<b>648</b>	<b>-217</b>
<b>Total, Support Services</b>	<b>746</b>	<b>985</b>	<b>985</b>	<b>758</b>	<b>-227</b>
<b>Other Related Expenses</b>					
Other Services and Supplies	50	292	292	250	-42
DOE/COE	192	130	130	132	+2
Working Capital Fund	1,100	1,891	1,891	1,593	-298
<b>Total, Other Related Expenses</b>	<b>1,342</b>	<b>2,313</b>	<b>2,313</b>	<b>1,975</b>	<b>-338</b>

**Program Direction**

**Activities and Explanation of Changes**

FY 2014 Enacted	FY 2015 Request	Explanation of Changes FY 2015 vs FY 2014 Enacted
<b>Salaries and Benefits</b>		
Federal staff will perform functions to ensure the objectives under each LM program goal are met. Often the functions include oversight, audit, and policy development for contractors' activities.	Continue functions to manage LM's activities in order to achieve LM's program goals.	The increase will allow normal promotions, within grade increases, and one additional FTE.
<b>Travel</b>		
Travel enables staff to conduct necessary surveillance and maintenance functions, business and site operations, oversight, and related activities.	Continue to conduct necessary functions without an increase in travel.	No change.
<b>Support Services</b>		
Support services assist in the preparation of both routine and extraordinary reports. In addition, contractual support assists with staff training.	Continue in an effort to prepare more analyses and reports with Federal staff. Some training will be done by Federal staff.	The decrease reflects the shift of functions from contractor to Federal staff.
<b>Other Services and Supplies</b>		
Other services include LM's contribution to the DOE Working Capital Fun; as well as expenses not encompassed by the fund, supplies, computer software and hardware, and the Department's computer support.	Continue with procuring services and supplies at relatively the same level with the exception of the working capital fund.	FY 2014 included a one-time increase for an audit of a support contractor whose contract was ending. Some savings are also anticipated in supply purchases.

**Legacy Management  
Facilities Maintenance and Repair**

The Department's Facilities Maintenance and Repair activities are tied to its programmatic missions, goals, and objectives. Facilities Maintenance and Repair activities funded by this budget are displayed below.

**Costs for Direct-Funded Maintenance and Repair (including Deferred Maintenance Reduction) (\$K)**

	FY 2013 Actual Cost	FY 2013 Planned Cost	FY 2014 Planned Cost	FY 2015 Planned Cost
Office of Legacy Management				
CERCLA Sites	2,063	1,791	1,442	2,771
	1,008			
Non-CERCLA Sites		901	860	1,090
<b>Total, Direct-Funded Maintenance and Repair</b>	<b>3,071</b>	<b>2,692</b>	<b>2,302</b>	<b>3,861</b>

**Report on FY 2013 Expenditures for Maintenance and Repair**

This report responds to legislative language set forth in Conference Report (H.R. Conf. Rep. No. 108-10) accompanying the Consolidated Appropriations Resolution, 2003 (Public Law 108-7) (pages 886-887), which requests the Department of Energy provide an annual year-end report on maintenance expenditures to the Committees on Appropriations. This report compares the actual maintenance expenditures in FY 2013 to the amount planned for FY 2013, including Congressionally directed changes.

**Legacy Management  
Safeguards and Security (\$K)**

Protective Forces  
 Physical Security Systems  
 Information Security  
 Cyber Security  
 Personnel Security  
 Material Control and Accountability  
 Program Management  
 Security Investigations  
**Total, Safeguards and Security**

FY 2013 Current	FY 2014 Enacted	FY 2015 Request	FY 2015 vs FY 2014 Enacted
533	585	532	-53
105	123	113	-10
5	6	6	0
869	771	784	+13
31	40	33	-7
0	0	0	0
26	32	28	-4
0	0	0	0
<b>1,569</b>	<b>1,557</b>	<b>1,496</b>	<b>-61</b>

## **Idaho Sitewide Safeguards and Security**

### **Overview**

The Idaho Sitewide Safeguards and Security (S&S) program supports the Idaho National Laboratory (INL) complex nuclear facility infrastructure and enables the Office of Nuclear Energy (NE) to conduct research and development in support of multiple program missions. To better align the S&S funding with INL infrastructure and R&D programs, the S&S program transferred to the Nuclear Energy appropriation in FY 2014.

### **Highlights of the FY 2015 Budget Request**

No funding is requested for this program in FY 2015 within the Other Defense Activities Appropriation. Funding for this program transferred to the Nuclear Energy Appropriation starting in FY 2014.

**Idaho Sitewide Safeguards and Security  
Funding (\$K)**

	<b>FY 2013 Current<sup>1</sup></b>	<b>FY 2014 Enacted<sup>2</sup></b>	<b>FY 2014 Current</b>	<b>FY 2015 Request</b>	<b>FY 2015 vs FY 2014 Enacted</b>
<b>Idaho Sitewide Safeguards and Security</b>					
Protective Forces	52,054	0	0	0	0
Security Systems	9,916	0	0	0	0
Information Systems	3,112	0	0	0	0
Personnel Security	5,643	0	0	0	0
Material Control & Accountability	3,668	0	0	0	0
Program Management	4,988	0	0	0	0
Cyber Security	10,472	0	0	0	0
<b>Total, Idaho Sitewide Safeguards and Security</b>	<b>89,853</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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<sup>1</sup> Funding level includes \$4.1m Appropriations Transfer.

<sup>2</sup> Funding for the Idaho S&S program transferred to the Nuclear Energy Appropriation in FY 2014.

## **Hearings and Appeals Program Direction**

### **Overview**

The Office of Hearings and Appeals (OHA) provides adjudicatory and conflict resolution services for DOE's programs so that disputes may be resolved at the agency level in a fair, impartial and efficient manner. OHA supports all DOE strategic goals, including management and operational excellence. The bulk of OHA work is defense-related and consists of the adjudication of security clearance cases that determine the fitness of employees to have access to special nuclear materials or classified national security information.

Within the Other Defense Activities Appropriation, OHA operates with three staffs: the Personnel Security and Appeals Division, the Employee Protection and Exceptions Division, and the Office of Conflict Prevention and Resolution.

OHA offers fair, timely, impartial, and customer-friendly processes for adjudicating matters pursuant to regulatory authority or special delegation from the Secretary. Such cases include: (i) eligibility for a security clearance, (ii) whistleblower protection for employees of DOE contractors and for employees of firms receiving funds under the American Recovery and Reinvestment Act, (iii) Freedom of Information and Privacy Act Appeals, (iv) regulatory relief to prevent special hardship, (v) and other matters that the Secretary may delegate. With respect to alternative dispute resolution, OHA offers mediation services for a variety of matters. OHA also supports and helps coordinate the work of the Technology Transfer Ombudsmen, a position created to help prevent and resolve barriers to technology transfer and thereby promote the commercialization of the Department's scientific discoveries, giving taxpayers a return on their investment in research, and promoting economic competitiveness and job creation. For its part, OHA uses technology to reduce costs and its carbon footprint.

### **Highlights of the FY 2015 Budget Request**

The FY 2015 Budget Request asks for additional funding for OHA to fund increases in the Working Capital Fund, as well as for succession planning to replace key employees who will be retiring. The Request further ensures that OHA can continue to provide effective and timely adjudication services in support of DOE's security clearance cases and fund the Alternative Dispute Resolution functions.

### **FY 2013 Key Accomplishments**

- Reduced the average processing time for security clearance cases (issuing a decision after the receipt of the hearing transcript) to 21 days, which is over 27 percent below OHA's average over the last five years.
- Reduced processing time for Freedom of Information Act appeals to 14 days, which is less than half that of the average from FYs 2004-2013.
- Achieved a settlement rate of 44 percent on the cases referred for mediation in the Office of Conflict Prevention and Resolution.

**Program Direction  
Funding (\$K)**

FY 2013 Current	FY 2014 Enacted	FY 2014 Current	FY 2015 Request	FY 2015 vs FY 2014 Enacted
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**Program Direction Summary**

<b>Washington Headquarters</b>					
Salaries and Benefits	2,833	3,832	3,832	4,181	+349
Travel	50	40	40	40	—
Support Services	—	—	—	—	—
Other Related Expenses	920	1,150	1,150	1,279	+129
<b>Total, Program Direction</b>	<b>3,803</b>	<b>5,022</b>	<b>5,022</b>	<b>5,500</b>	<b>+478</b>
<b>Federal FTEs</b>	<b>24</b>	<b>24</b>	<b>22</b>	<b>22</b>	<b>-2</b>

**Support Services and Other Related Expenses**

<b>Other Related Expenses</b>					
DOECOE	120	145	145	165	+20
Working Capital Fund	800	1,005	1,005	1,114	+109
<b>Total, Other Related Expenses</b>	<b>920</b>	<b>1,150</b>	<b>1,150</b>	<b>1,279</b>	<b>+129</b>

**Program Direction**

**Activities and Explanation of Changes**

FY 2014 Enacted	FY 2015 Request	Explanation of Changes FY 2015 vs. FY 2014 Enacted
<b>Salaries and Benefits</b>		
Supports current staffing level of 22 FTEs.	Supports staffing level of 22 FTEs.	Increase (+\$349) allows OHA to hire one staff support employee and one staff attorney to replace anticipated retirements through FY 2015.
<b>Travel</b>		
Supports travel to conduct security hearings at DOE field locations.	Continuation of FY 2014 activities.	No change in funding level.
<b>Other Related Activities</b>		
Funding supports the Working Capital Fund (WCF), which provides for shared service costs and Departmental overhead expenses.	Continuation of FY 2014 activities.	Increase (+\$129) allows OHA to provide support for expected WCF increases.

**Department Of Energy**  
**FY 2015 Congressional Budget**  
**Funding By Appropriation By Site**  
(\$K)

<b>Other Defense Activities</b>	<b>FY 2013 Current</b>	<b>FY 2014 Enacted</b>	<b>FY 2015 Request</b>
<b>Argonne National Laboratory</b>			
<b>Environment, Health, Safety and Security</b>			
Environment, Health, Safety and Security	0	0	850
<b>Health Safety and Security</b>			
Health Safety and Security (All other)	940	850	0
<b>Total, Argonne National Laboratory</b>	<b>940</b>	<b>850</b>	<b>850</b>
<b>Brookhaven National Laboratory</b>			
<b>Environment, Health, Safety and Security</b>			
Environment, Health, Safety and Security	0	0	250
<b>Health Safety and Security</b>			
Health Safety and Security (All other)	118	250	0
<b>Total, Brookhaven National Laboratory</b>	<b>118</b>	<b>250</b>	<b>250</b>
<b>Chicago Office</b>			
<b>Environment, Health, Safety and Security</b>			
Environment, Health, Safety and Security	0	0	50
<b>Health Safety and Security</b>			
Health Safety and Security (All other)	84	50	0
<b>Total, Chicago Office</b>	<b>84</b>	<b>50</b>	<b>50</b>
<b>Fernald Site</b>			
<b>Office of Legacy Management</b>			
Legacy Management	15,287	16,802	16,202
<b>Total, Fernald Site</b>	<b>15,287</b>	<b>16,802</b>	<b>16,202</b>
<b>Grand Junction Office</b>			
<b>Office of Legacy Management</b>			
Legacy Management	32,303	32,867	33,641
<b>Total, Grand Junction Office</b>	<b>32,303</b>	<b>32,867</b>	<b>33,641</b>
<b>Idaho National Laboratory</b>			
<b>Environment, Health, Safety and Security</b>			
Environment, Health, Safety and Security	0	0	50
<b>Health Safety and Security</b>			
Health Safety and Security (All other)	25	50	0
<b>Idaho Sitewide Safeguards and Security</b>			
Idaho Sitewide Safeguards and Security	87,753	0	0
<b>Total, Idaho National Laboratory</b>	<b>87,778</b>	<b>50</b>	<b>50</b>

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<b>Idaho Operations Office</b>			
<b>Environment, Health, Safety and Security</b>			
Environment, Health, Safety and Security	0	0	400
<b>Health Safety and Security</b>			
Health Safety and Security (All other)	314	400	0
<b>Idaho Sitewide Safeguards and Security</b>			
Idaho Sitewide Safeguards and Security	2,100	0	0
<b>Total, Idaho Operations Office</b>	<b>2,414</b>	<b>400</b>	<b>400</b>
<b>Kansas City Plant</b>			
<b>Environment, Health, Safety and Security</b>			
Environment, Health, Safety and Security	0	0	10
<b>Health Safety and Security</b>			
Health Safety and Security (All other)	5	10	0
<b>Total, Kansas City Plant</b>	<b>5</b>	<b>10</b>	<b>10</b>
<b>Lawrence Livermore National Laboratory</b>			
<b>Environment, Health, Safety and Security</b>			
Environment, Health, Safety and Security	0	0	3,050
<b>Health Safety and Security</b>			
Health Safety and Security (All other)	3,285	3,050	0
<b>Total, Lawrence Livermore National Laboratory</b>	<b>3,285</b>	<b>3,050</b>	<b>3,050</b>
<b>Lexington Office</b>			
<b>Environment, Health, Safety and Security</b>			
Environment, Health, Safety and Security	0	0	200
<b>Health Safety and Security</b>			
Health Safety and Security (All other)	85	200	0
<b>Total, Lexington Office</b>	<b>85</b>	<b>200</b>	<b>200</b>
<b>Los Alamos National Laboratory</b>			
<b>Environment, Health, Safety and Security</b>			
Environment, Health, Safety and Security	0	0	95
<b>Health Safety and Security</b>			
Health Safety and Security (All other)	467	95	0
<b>Total, Los Alamos National Laboratory</b>	<b>467</b>	<b>95</b>	<b>95</b>
<b>Morgantown Office</b>			
<b>Office of Legacy Management</b>			
Legacy Management	15,457	14,158	11,432
<b>Total, Morgantown Office</b>	<b>15,457</b>	<b>14,158</b>	<b>11,432</b>

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<b>Mound Site</b>			
<b>Office of Legacy Management</b>			
Legacy Management	13,607	19,112	17,235
<b>Total, Mound Site</b>	<b>13,607</b>	<b>19,112</b>	<b>17,235</b>
<b>Nevada Site Office</b>			
<b>Environment, Health, Safety and Security</b>			
Environment, Health, Safety and Security	0	0	15
<b>Health Safety and Security</b>			
Health Safety and Security (All other)	7	15	0
<b>Total, Nevada Site Office</b>	<b>7</b>	<b>15</b>	<b>15</b>
<b>NNSA Albuquerque Complex</b>			
<b>Environment, Health, Safety and Security</b>			
Environment, Health, Safety and Security	0	0	1,000
<b>Health Safety and Security</b>			
Health Safety and Security (All other)	1,107	1,000	0
<b>Total, NNSA Albuquerque Complex</b>	<b>1,107</b>	<b>1,000</b>	<b>1,000</b>
<b>Oak Ridge Institute for Science &amp; Education</b>			
<b>Environment, Health, Safety and Security</b>			
Environment, Health, Safety and Security	0	0	1,305
<b>Health Safety and Security</b>			
Health Safety and Security (All other)	1,401	1,305	0
<b>Total, Oak Ridge Institute for Science &amp; Education</b>	<b>1,401</b>	<b>1,305</b>	<b>1,305</b>
<b>Oak Ridge National Laboratory</b>			
<b>Environment, Health, Safety and Security</b>			
Environment, Health, Safety and Security	0	0	1,035
<b>Health Safety and Security</b>			
Health Safety and Security (All other)	1,039	1,035	0
<b>Total, Oak Ridge National Laboratory</b>	<b>1,039</b>	<b>1,035</b>	<b>1,035</b>
<b>Oak Ridge Office</b>			
<b>Environment, Health, Safety and Security</b>			
Environment, Health, Safety and Security	0	0	2,795
<b>Health Safety and Security</b>			
Health Safety and Security (All other)	2,540	2,795	0
<b>Total, Oak Ridge Office</b>	<b>2,540</b>	<b>2,795</b>	<b>2,795</b>

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<b>Office of Scientific &amp; Technical Information</b>			
<b>Environment, Health, Safety and Security</b>			
Environment, Health, Safety and Security	0	0	300
<b>Health Safety and Security</b>			
Health Safety and Security (All other)	305	300	0
<b>Total, Office of Scientific &amp; Technical Information</b>	<b>305</b>	<b>300</b>	<b>300</b>
<b>Ohio Field Office</b>			
<b>Environment, Health, Safety and Security</b>			
Environment, Health, Safety and Security	0	0	5
<b>Health Safety and Security</b>			
Health Safety and Security (All other)	5	5	0
<b>Total, Ohio Field Office</b>	<b>5</b>	<b>5</b>	<b>5</b>
<b>Pacific Northwest National Laboratory</b>			
<b>Environment, Health, Safety and Security</b>			
Environment, Health, Safety and Security	0	0	1,895
<b>Health Safety and Security</b>			
Health Safety and Security (All other)	1,946	1,985	0
<b>Independent Enterprise Assessments</b>			
Independent Enterprise Assessments	0	0	90
<b>Total, Pacific Northwest National Laboratory</b>	<b>1,946</b>	<b>1,985</b>	<b>1,985</b>
<b>Paducah Gaseous Diffusion Plant</b>			
<b>Office of Legacy Management</b>			
Legacy Management	3,800	3,400	3,000
<b>Total, Paducah Gaseous Diffusion Plant</b>	<b>3,800</b>	<b>3,400</b>	<b>3,000</b>
<b>Pantex Plant</b>			
<b>Environment, Health, Safety and Security</b>			
Environment, Health, Safety and Security	0	0	10
<b>Health Safety and Security</b>			
Health Safety and Security (All other)	5	10	0
<b>Total, Pantex Plant</b>	<b>5</b>	<b>10</b>	<b>10</b>
<b>Pinellas Site</b>			
<b>Office of Legacy Management</b>			
Legacy Management	6,668	9,143	7,218
<b>Total, Pinellas Site</b>	<b>6,668</b>	<b>9,143</b>	<b>7,218</b>
<b>Portsmouth Gaseous Diffusion Plant</b>			
<b>Office of Legacy Management</b>			
Legacy Management	7,800	6,800	6,100
<b>Total, Portsmouth Gaseous Diffusion Plant</b>	<b>7,800</b>	<b>6,800</b>	<b>6,100</b>

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<b>Richland Operations Office</b>			
<b>Environment, Health, Safety and Security</b>			
Environment, Health, Safety and Security	0	0	1,000
<b>Health Safety and Security</b>			
Health Safety and Security (All other)	840	1,000	0
<b>Total, Richland Operations Office</b>	<b>840</b>	<b>1,000</b>	<b>1,000</b>
<b>Rocky Flats Site</b>			
<b>Office of Legacy Management</b>			
Legacy Management	46,270	57,031	54,853
<b>Total, Rocky Flats Site</b>	<b>46,270</b>	<b>57,031</b>	<b>54,853</b>
<b>Sandia National Laboratories</b>			
<b>Environment, Health, Safety and Security</b>			
Environment, Health, Safety and Security	0	0	820
<b>Health Safety and Security</b>			
Health Safety and Security (All other)	1,017	820	0
<b>Total, Sandia National Laboratories</b>	<b>1,017</b>	<b>820</b>	<b>820</b>
<b>Savannah River Operations Office</b>			
<b>Environment, Health, Safety and Security</b>			
Environment, Health, Safety and Security	0	0	500
<b>Health Safety and Security</b>			
Health Safety and Security (All other)	641	500	0
<b>Total, Savannah River Operations Office</b>	<b>641</b>	<b>500</b>	<b>500</b>
<b>Savannah River Site Office</b>			
<b>Environment, Health, Safety and Security</b>			
Environment, Health, Safety and Security	0	0	10
<b>Health Safety and Security</b>			
Health Safety and Security (All other)	5	10	0
<b>Total, Savannah River Site Office</b>	<b>5</b>	<b>10</b>	<b>10</b>

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<b>Washington Headquarters</b>			
<b>Environment, Health, Safety and Security</b>			
Environment, Health, Safety and Security	0	0	103,098
Program Direction	0	0	62,235
<b>Total, Environment, Health, Safety and Security</b>	<b>0</b>	<b>0</b>	<b>165,333</b>
<b>Health Safety and Security</b>			
Health Safety and Security (All other)	120,354	127,861	0
<b>Program Direction</b>			
Program Direction	93,639	108,301	0
<b>Hearings and Appeals</b>			
Program Direction	3,803	5,022	5,500
<b>Independent Enterprise Assessments</b>			
Independent Enterprise Assessments	0	0	23,978
Program Direction	0	0	49,466
<b>Total, Independent Enterprise Assessments</b>	<b>0</b>	<b>0</b>	<b>73,444</b>
<b>Office of Legacy Management</b>			
Legacy Management	12,399	15,015	14,644
<b>Specialized Security Activities</b>			
Specialized Security Activities	171,396	202,242	202,152
<b>Total, Washington Headquarters</b>	<b>401,591</b>	<b>458,441</b>	<b>461,073</b>
<b>Weldon Spring Site Office</b>			
<b>Office of Legacy Management</b>			
Legacy Management	1,908	2,455	5,020
<b>Total, Weldon Spring Site Office</b>	<b>1,908</b>	<b>2,455</b>	<b>5,020</b>
<b>Y-12 Site Office</b>			
<b>Environment, Health, Safety and Security</b>			
Environment, Health, Safety and Security	0	0	20
<b>Health Safety and Security</b>			
Health Safety and Security (All other)	10	20	0
<b>Total, Y-12 Site Office</b>	<b>10</b>	<b>20</b>	<b>20</b>
<b>Yucca Mountain Site Office</b>			
<b>Office of Legacy Management</b>			
Legacy Management	200	200	2,635
<b>Total, Yucca Mountain Site Office</b>	<b>200</b>	<b>200</b>	<b>2,635</b>
<b>Total, Other Defense Activities</b>	<b>650,935</b>	<b>636,164</b>	<b>634,164</b>