

**Yucca Mountain and Interim Storage  
Proposed Appropriation Language**

**NUCLEAR WASTE DISPOSAL**

*For Department of Energy expenses necessary for nuclear waste disposal activities to carry out the purposes of the Nuclear Waste Policy Act of 1982, Public Law 97-425, as amended (the "NWPAA"), including the acquisition of any real property or facility construction, or expansion, and interim storage activities, \$90,000,000, to remain available until expended, and to be derived from the Nuclear Waste Fund: Provided, That of the funds made available in this Act for nuclear waste disposal and defense nuclear waste disposal activities, 1.62 percent shall be provided to the Office of the Attorney General of the State of Nevada solely for expenditures, other than salaries and expenses of State employees, to conduct scientific oversight responsibilities and participate in licensing activities pursuant to the NWPAA: Provided further, that of the funds made available in this Act for nuclear waste disposal and defense nuclear waste disposal activities, 2.91 percent shall be provided to affected units of local government, as defined in the NWPAA, to conduct appropriate activities and participate in licensing activities under Section 116(c) of the NWPAA: Provided further, That of the amounts provided to affected units of local government, 7.5 percent of the funds provided for the affected units of local government shall be made available to affected units of local government in California with the balance made available to affected units of local government in Nevada for distribution as determined by the Nevada affected units of local government: Provided further, That of the funds made available in this Act for nuclear waste disposal and defense nuclear waste disposal activities, 0.16 percent shall be provided to the affected federally-recognized Indian tribes, as defined in the NWPAA, solely for expenditures, other than salaries and expenses of tribal employees, to conduct appropriate activities and participate in licensing activities under section 118(b) of the NWPAA: Provided further, that of the funds made available in this Act for nuclear waste disposal and defense nuclear waste disposal activities 3.0 percent shall be provided to Nye County, Nevada, 0.05 percent shall be provided to Clark County, Nevada, and 0.46 percent shall be provided to the State of Nevada as payment equal to taxes under section 116(c)(3) of the NWPAA: Provided further, that within 90 days of the completion of each Federal fiscal year, the Office of the Attorney General of the State of Nevada, each affected federally-recognized Indian tribe, and each of the affected units of local government shall provide certification to the Department of Energy that all funds expended from such payments have been expended for activities authorized by the NWPAA and this Act: Provided further, that failure to provide such certification shall cause such entity to be prohibited from any further funding provided for similar activities: Provided further, that none of the funds herein appropriated may be: (1) used for litigation expenses; or (2) used to support multi-State efforts or other coalition building activities inconsistent with the restrictions contained in this Act: Provided further, that all proceeds and recoveries realized by the Secretary in carrying out activities authorized by the NWPAA, including but not limited to any proceeds from the sale of assets, shall be credited to this account, to remain available until expended, for carrying out the purposes of this account.*

**DEFENSE NUCLEAR WASTE DISPOSAL**

*For nuclear waste disposal activities to carry out the purposes of Public Law 97-425, as amended, including the acquisition of real property or facility construction or expansion, and interim storage activities, \$30,000,000, to remain available until expended.*



**Yucca Mountain and Interim Storage  
(\$K)**

FY 2016 Enacted	FY 2017 Annualized CR <sup>1</sup>	FY 2018 Request
0	0	120,000

**Overview**

The mission of the Yucca Mountain and Interim Storage programs is to accelerate progress on fulfilling the Federal Government’s obligations to address nuclear waste, enhance national security, and reduce future taxpayer burden.

**Preface**

With the resumption of the Yucca Mountain licensing process and initiation of a robust interim storage program, the FY 2018 Budget Request proposes resuming the receipt of funds through two separate appropriation accounts, the Nuclear Waste Disposal and Defense Nuclear Waste Disposal appropriations. The overview narrative and detailed justification for the entire program, as supported by both accounts, is presented here.

The programs implement the Administration's decision to resume the Yucca Mountain license application process for disposal of spent nuclear fuel (SNF) and high level waste (HLW) while establishing a robust interim storage capability. The FY 2018 Budget Request includes the reestablishment of organizational, essential management, and subject matter expert, capabilities needed for the resumed participation in the Nuclear Regulatory Commission (NRC) licensing process for disposal of SNF and HLW, consistent with the provisions of the Nuclear Waste Policy Act (NWPA).

The Yucca Mountain and Interim Storage programs are critical to enhancing the national and economic security goals of the nation. The management of SNF and HLW must protect the health, safety of citizens and the environment in the United States. The programs are also essential for supporting national security objectives, along with Department of Energy strategic goals.

The Nation’s commercial and defense spent nuclear fuel and high level waste must be safely and permanently isolated to minimize the risk to human health and the environment. Effective management of these materials will ensure that our country maintains national security, supports cleanup of weapons sites, continues operation of the U.S. Navy’s nuclear-powered vessels, and advances our international non-proliferation goals. Ultimately, the success of the program ensures the safe and secure management of SNF and HLW currently located at numerous above ground sites across the United States.

**Highlights and Major Changes in the FY 2018 Budget Request**

The FY 2018 Yucca Mountain and Interim Storage Programs’ FY 2018 Budget Request is dedicated to resuming the NRC licensing process for Yucca Mountain and initiation of a robust interim storage program. Prior year activities that supported the participation of the Office of Civilian Radioactive Waste Management (OCRWM) in the NRC licensing process were suspended in FY 2010, but will be resumed under the FY 2018 Budget Request.

This request provides for a program office to provide policy direction and perform functions necessary to the licensing process. This request provides for legal support to represent the Department in the licensing process, as well as to respond to litigation and other legal matters related to the NWPA. It provides for technical and scientific support necessary to support an affirmative case for the license and to respond to any challenges to the license application. It also provides for the document management activities associated with the licensing process.

The FY 2018 Budget Request includes funding to develop a robust interim storage enabling near-term consolidation of nuclear waste and safely storing it while a repository is completed.

<sup>1</sup> The FY 2017 Annualized CR amounts reflect the P.L. 114-254 continuing resolution level annualized to a full year. These amounts are shown only at the congressional control level and above, below that level, a dash (-) is shown.

The Program Direction budget has been structured to support both licensing and interim storage. Program Direction is needed for a variety of activities including the salaries of Federal Employees working in furtherance of the NWPA. FY 2018 Program Direction support for the Yucca Mountain and the Interim Storage programs is estimated as follows:

(\$ in Thousands)

	<b>Yucca Mountain</b>	<b>Interim Storage</b>	<b>Total</b>
Yucca Mountain	90,400		90,400
Interim Storage		6,600	6,600
Program Direction	19,600	3,400	23,000
<b>Total</b>	<b>110,000</b>	<b>10,000</b>	<b>120,000</b>

**Financial Assistance and Payments-Equal-to-Taxes**

Based on the full funding request of \$120 Million and consistent with the percentages identified within the Appropriation language, the following table represents a total of \$9,835,000 in funding to provide financial assistance to the State of Nevada, Affected Units of Local Government (AULG), affected Native American tribes, and Payments-Equal-to-Taxes (PETT). The proposed FY 2018 funding profile is as follows.

<b>Funding Purpose</b>	<b>Proposed Amount (in thousands)</b>
Oversight § 116(c), State of Nevada	\$1,940
Oversight § 116(c), AULG	\$3,493
Oversight § 118(b), Timbisha Shoshone	\$194
PETT § 116(c), State of Nevada	\$549
PETT § 116(c), Nye County	\$3,598
PETT § 116(c), Clark County	\$61
<b>TOTAL</b>	<b>\$9,835</b>

**Yucca Mountain and Interim Storage  
Funding by Congressional Control (\$K)**

	<b>FY 2016 Enacted</b>	<b>FY 2017 Annualized CR<sup>1</sup></b>	<b>FY 2018 Request</b>	<b>FY 2018 vs FY 2016</b>
<b>Yucca Mountain and Interim Storage</b>				
Yucca Mountain	0	0	90,400	+90,400
Interim Storage	0	0	6,600	+6,600
Program Direction	0	0	23,000	+23,000
<b>Total, YM and Interim Storage</b>	<b>0</b>	<b>0</b>	<b>120,000</b>	<b>+120,000</b>
 Federal FTEs			83	

<sup>1</sup> The FY 2017 Annualized CR amounts reflect the P.L. 114-254 continuing resolution level annualized to a full year. These amounts are shown only at the congressional control level and above, below that level, a dash (-) is shown.



## Yucca Mountain and Interim Storage

### Overview

The Yucca Mountain and Interim Storage programs will restart licensing activities for the Yucca Mountain nuclear waste repository and initiate a robust interim storage program. These programs will accelerate progress on fulfilling the Federal Government's obligations to address nuclear waste, enhance national security, and reduce future taxpayer burden.

The Nuclear Waste Policy Act (NWPA) of 1982 made the Department of Energy (DOE) responsible for the permanent disposal of U.S. spent nuclear fuel and high-level nuclear waste. The adoption of P.L. 107-200 in July of 2002, designated Yucca Mountain as the site for the national repository.

Consistent with the NWPA and Public Law 107-200, the Department of Energy prepared and submitted to the Nuclear Regulatory Commission (NRC) on June 3, 2008, a License Application (LA) for authorization to construct a repository at Yucca Mountain, which was accepted for docketing by the NRC on September 8, 2008. Subsequently, the previous administration terminated work on the project and sought to withdraw the license application. In 2013, the Court of Appeals for the District of Columbia Circuit issued a writ of mandamus requiring the NRC to complete its review of the license application, subject to the availability of appropriated funds. The Department is requesting funds to resume supporting the licensing review process outlined in the NWPA, as amended.

### Highlights of the FY 2018 Budget Request

In FY 2018, the primary focus of the Yucca Mountain and Interim Storage programs is to resume the NRC LA process and to initiate a robust interim storage program.

The Program Direction budget has been structured to support both licensing and interim storage. Program Direction is needed for a variety of activities including the salaries of Federal Employees working in furtherance of the NWPA.

The FY 2018 Budget Request proposes funding from two separate appropriation accounts, Nuclear Waste Disposal (\$90 million) and Defense Nuclear Waste Disposal (\$30 million).

In addition, the FY 2018 Budget Request includes a mandatory proposal to restart the Nuclear Waste Fund Fee in FY 2020.

**Yucca Mountain and Interim Storage  
Funding (\$K)**

	<b>FY 2016 Enacted</b>	<b>FY 2017 Annualized CR<sup>1</sup></b>	<b>FY 2018 Request</b>
<b>Yucca Mountain and Interim Storage</b>			
Yucca Mountain	0	0	90,400
Interim Storage	0	0	6,600
Program Direction	0	0	23,000
<b>Total, Yucca Mountain and Interim Storage</b>	<b>0</b>	<b>0</b>	<b>120,000</b>

<sup>1</sup> The FY 2017 amount shown reflect the P.L. 114-254 continuing resolution level annualized to a full year.



**Yucca Mountain and Interim Storage  
Explanation of Major Changes (\$K)**

<b>FY 2016 vs FY 2018</b>
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<b>Yucca Mountain:</b> The increase from \$0 to \$90,400,000 reflects support to accelerate progress on fulfilling the Federal Government’s obligations to address nuclear waste, enhance national security, and reduce future taxpayer burden by resuming the Yucca Mountain licensing process.	<b>+90,400</b>
<b>Interim Storage:</b> The increase from \$0 to \$6,600,000 reflects support to develop an interim storage capability for earlier acceptance of spent nuclear fuel.	<b>+6,600</b>
<b>Program Direction:</b> The increase from \$0 to \$23,000,000 reflects the program direction support required to resume the Yucca Mountain licensing process and support an interim storage program.	<b>+23,000</b>
<hr/> <b>Total, Yucca Mountain and Interim Storage</b>	<hr/> <b>+120,000</b>



## Yucca Mountain and Interim Storage

### Description

The Yucca Mountain program requests \$90.4 million to restart NRC licensing activities for the Yucca Mountain nuclear waste repository. This subprogram includes the following activities: Licensing Support, Litigation, Balance of Plant Infrastructure, Project Support, and Program Management and Integration.

### Licensing Support

The Budget Request supports participation in the following activities that will occur during the NRC LA review and hearing phase. These activities include: supporting the NRC administrative hearing process; providing technical and regulatory support of licensing; Safety Analysis Report updates and ongoing LA-configuration control; and consistent managing of all the technical documents, external correspondence, and external communications supporting the above activities. This Budget Request also includes funding for discovery support required during the licensing proceeding. The Budget Request supports the migration of hardware that houses OCRWM legacy systems to support accurate and timely records and information management.

As the license applicant to the NRC, DOE must comply with the licensing process and schedule established by the NWSA and applicable NRC regulations. Moreover, DOE has the burden of proof in the hearing process. To meet this burden effectively and provide NRC an appropriate and sufficient basis on which it can fulfill its statutory obligations, the DOE Office of the General Counsel staff will represent DOE in the administrative litigation aspects of the licensing process. The Office of the General Counsel also will be supported by outside legal counsel. Federal staff will address technical issues with the support of contractors and scientists from entities such as the National Laboratories. Likely activities in support of the licensing process will include:

- Appearance before the Atomic Safety Licensing Boards (ASLBs) as issues are identified and addressed through interactions with the regulator and interveners in the adjudicatory hearing process;
- Identification of likely topics for interrogatories;
- Response to admitted contentions;
- Preparation of anticipatory response plans, responses, and draft testimony and assistance in the preparation of witnesses; and
- Presentation of affirmative case in support of license application and demonstration of compliance with applicable regulatory requirements.

### Litigation

The FY 2018 Budget Request provides funding for support of litigation related to the NWSA. This includes litigation related to the Standard Contract for the disposal of commercial spent nuclear fuel. Also, included is support for the management of settlement claims resulting from Standard Contract litigation.

### Balance of Plant Infrastructure

The FY 2018 Budget Request provides funding for Yucca Mountain site operations and maintenance. The request provides support of license applicant requirements for continuation of Performance Confirmation Program testing at the site in accordance with requirements under 10 CFR 63, Subpart F, and ability to support access requests under 10 CFR 2 for the NRC or interveners. Activities in FY 2018 will include maintaining the safe operation of the Yucca Mountain site at appropriate levels to support performance confirmation and site access requests in support of the NRC licensing process. Yucca Mountain site operations will ensure implementation of applicable requirements to ensure safe operations, and maintaining regulatory compliance.

### Project Support

Project Support includes project management, project support, and coordination activities. Project Management functions include using project management and integration for technical development and control of products, and establishing and maintaining engineering and scientific processes and procedures. Project support functions include project controls, systems engineering, information management, procurement, environmental, safety and health, and general project services (e.g., administrative services, technical support services, communications, facility and fleet operational services). It also includes compliance with National Environmental Policy Act requirements and other compliance management activities and supports and maintains databases for public sharing and systems analysis.

### **Program Management and Integration**

The Program Management and Integration activity provides strategic integration and planning, guidance, quality assurance, budgeting, management of the Nuclear Waste Fund, and program management support in executing the Program's Mission.

A robust Quality Assurance (QA) program ensures effective implementation of requirements under 10 CFR 63.21(c)(2), and 10 CFR 63, Subpart G for nuclear quality assurance and as specified as a commitment in LA section 5.01. Effective implementation of the QA program is performed at the line level incorporating and embracing a nuclear quality culture in all work activities. A QA oversight program is maintained which performs surveillance, audits, and inspections to verify the quality of work in progress; develops and maintains the QA Requirements Description (QARD), identifies conditions adverse to quality; assures that prompt corrective actions are taken by management responsible for performing the work; and verifies the timely implementation, adequacy, and effectiveness of corrective actions.

Program Management and Control will ensure meeting requirements for effective interaction and responsiveness to questions and inquiries by the U.S. Congress, the Office of Management and Budget (OMB), regulatory and oversight bodies, other federal, State, and local government agencies, international entities, program customers and stakeholders, and the public at large. The program will support, as appropriate, international agreements and collaborations. Implementation of an appropriate investment strategy and the prudent management of the Nuclear Waste Fund investment portfolio are also essential to fulfilling the program's fiduciary responsibility under the NWPA.

Safeguards and Security (S&S) functions necessary to support NRC licensing will be resumed. DOE Order requirements for physical security and access control (e.g., badging) will be met. Development of safeguard and security strategies to meet LA commitments, NRC requirements, and Department of Homeland Security requirements will resume in a limited fashion.

The Fee Adequacy Assessment is a requirement of Section 302(a) of the NWPA 1982, as amended, where by the Secretary is to determine annually the adequacy of the fee charged to generators of commercial spent nuclear fuel. In FY 2018, the Department will begin developing a new Fee Adequacy Assessment. The fee adequacy assessment will utilize the prior information used to prepare prior cost estimates until new information is available. The assessment of the fee will utilize updated economic projections and the existing defense and civilian share calculations to ensure that the program remains a full cost recovery program, as required by the NWPA. Activities include interfacing with the Nuclear Waste Fund managers for investment projections, updating the economic forecasts, and interfacing with external auditors for the Department. Additional activities include responding to inquiries on the adequacy of the fee.

**Yucca Mountain and Interim Storage**

**Activities and Explanation of Changes**

FY 2016 Enacted	FY 2018 Request	Explanation of Changes FY 2016 vs FY 2018
<b>\$0</b>	<b>\$90,400,000</b>	<b>+\$90,400,000</b>
	<ul style="list-style-type: none"> <li>• Undertake pre-closure and post-closure analytical activities, as required, to respond to potentially multiple rounds of highly technical, detailed questions;</li> <li>• Provide technical, scientific, and legal support for court challenges;</li> <li>• Maintain and update the LA and supporting documents as issues resulting from contentions are resolved;</li> <li>• Ensure effective LA configuration control and consistency with supporting documents;</li> <li>• Prepare and review depositions;</li> <li>• Prepare DOE witnesses and testimony for ASLB hearings;</li> <li>• Address discovery, including derivative discovery;</li> <li>• Prepare and respond to interrogatories, and;</li> <li>• Provided support for motions and other legal actions.</li> <li>• Maintain control of all geologic specimens and facilities needed to support licensing efforts</li> <li>• Develop a comprehensive communications strategy that will support the Department’s obligation to provide effective and responsive communications with other government agencies, affected units of local government, and Native American tribes and the public.</li> </ul>	<ul style="list-style-type: none"> <li>• The increase supports activities required to restart licensing activities for the Yucca Mountain nuclear waste repository.</li> </ul>

## Yucca Mountain and Interim Storage

### Description

The primary mission of the Interim Storage program is to develop an interim storage capability for earlier acceptance of spent nuclear fuel (SNF).

Nuclear technology has been used in the United States for national defense, research and development, and electric power generation. These activities have produced a large quantity of SNF and high-level radioactive waste (HLW). The largest inventory of SNF comes from commercial electricity generation: approximately 78,000 metric tons of uranium (MTU) through the end of 2016 with potential growth to 140,000 MTU with the current reactor fleet. Nearly all the existing commercial SNF is being stored at the reactor sites where it was generated. Of the 74 commercial reactor sites, 14 sites no longer have an operating reactor. Under current law, the federal government, and specifically DOE, is responsible for providing the safe and permanent disposal of SNF and HLW. Under the NWPA, DOE was to begin accepting SNF and removing it from sites by 1998. Because of the challenges seen in trying to open a repository for SNF and HLW, liabilities due to the partial breach of contract with the utilities will grow to an estimated \$23.7 billion by 2071 if waste acceptance begins in 2021, and each year of extension to the start date adds up to \$500 million to the federal government's liability. Interim storage of SNF may provide a near-term opportunity for the U.S. Government to begin fulfilling its obligations. Additionally, implementation of interim storage can bring the following added benefits:

- Earlier acceptance of fuel by the federal government;
- Reduction in the number of dispersed storage sites;
- Added system flexibility and opportunity for better integration; and
- Near-term development and demonstration of institutional and technical infrastructures for large-scale management of SNF.

Under this program, activities will be pursued to:

- Develop and plan for a competitive solicitation for commercial interim spent fuel storage services or pursue a federal site for interim storage;
- Accelerate transportation planning, procurements, and NEPA analyses to support a near-term capability for transporting SNF and HLW shipments; and
- Maintain important engagement with regional, state, and tribal transportation authorities to prepare for SNF and HLW shipments; and
- Maintain logistical requirements and analytical capabilities previously developed under the Fuel Cycle Research and Development program.

**Interim Storage**

**Activities and Explanation of Changes**

FY 2016 Enacted	FY 2018 Request	Explanation of Changes FY 2016 vs FY 2018
<b>\$0</b>	<b>\$6,600,000</b>	<b>+\$6,600,000</b>
	<ul style="list-style-type: none"> <li>• Initiate planning for and development of a competitive solicitation for commercial interim spent fuel storage services.</li> <li>• Initiate activities to accelerate transportation planning, procurements, and NEPA analyses to support a near-term capability for transporting SNF and HLW.</li> <li>• Maintain important engagement with regional, state, and tribal transportation authorities to prepare for future SNF and HLW shipments.</li> <li>• Maintain minimal support for logistical requirements and analytical capabilities.</li> </ul>	<ul style="list-style-type: none"> <li>• The increase supports the planning and development activities to initiate a competitive solicitation for commercial interim SNF storage services.</li> <li>• This increase also carries forward some activities initiated under the Fuel Cycle and Research Development program to maintain important engagement with regional, state, and tribal transportation authorities and minimal logistical requirements and analytical capabilities to prepare for future SNF and HLW shipments.</li> <li>• This increase also initiates new activities to accelerate transportation planning, procurements, and NEPA analyses to support a near-term capability for transporting SNF and HLW.</li> </ul>

## Program Direction

### Overview

Program Direction provides the federal staffing resources and associated costs required to support the overall direction and execution of the Yucca Mountain and Interim Storage programs. The programs have staff located in two locations: Washington, D.C. and Las Vegas, NV.

Washington D.C. staff for the Yucca Mountain and Interim Storage programs includes the Office of the General Counsel and Energy Information Administration staff responsible for administrative activities and judicial litigation associated with the restart of the Yucca Mountain Nuclear Waste Repository project, legal issues related to the standard contract, and the Department's responsibilities regarding spent nuclear fuel (SNF) and high level waste (HLW), as specified by the Nuclear Waste Policy Act (NWPA).

The Support Services subprogram allows the Department to cost-effectively hire the best available industry experts to support federal staff in managing the nuclear programs and complex activities. The ability to acquire expertise quickly and on an "as needed basis" provides unlimited flexibility in team composition as the needs of the Yucca Mountain and Interim Storage programs evolve. Program Direction also includes the Other Related Expenses subprogram, which provides funding to the Department's Working Capital Fund (WCF) for common administrative services at Headquarters (HQ). The Department is working to achieve economies of scale through an enhanced WCF. The WCF supports specific Departmental services and activities that are shared across DOE including: enhanced cyber security architecture, employee health and testing services, and consolidated training and recruitment initiatives. These were all established in previous fiscal years and are supported in FY 2018.

### Highlights of the FY 2018 Budget Request

The Yucca Mountain and Interim Storage programs' Program Direction request supports 83 federal staff. The program requires a significant commitment of human capital to assure consistency with federal policies and strategies in the planning, engagement, responsiveness, and the adaptation of plans that address changing and dynamic conditions. The Budget Request includes additional staffing for the program office to ensure there is appropriate guidance and oversight throughout the program. Of the 83 funded staff, 53 will be re-aligned from staff currently funded by other DOE Program Direction budgets. 30 new staff members will be hired to provide additional Yucca Mountain license application support activities.

Funding in Program Direction is allocated between Yucca Mountain licensing activities and development of a robust interim storage program as shown in the table below.

(\$ in Thousands)

	Yucca Mountain	Interim Storage	Total
Yucca Mountain	90,400		90,400
Interim Storage		6,600	6,600
Program Direction	19,600	3,400	23,000
Total	110,000	10,000	120,000



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

	<b>FY 2016 Enacted</b>	<b>FY 2017 Enacted Annualized CR<sup>1</sup></b>	<b>FY 2018 Request</b>
<b>Program Direction Summary</b>			
<b>Washington Headquarters</b>			
Salaries and Benefits	-	-	12,372
Travel	-	-	475
Support Services	-	-	1,277
Other Related Expenses	-	-	1,540
<b>Total, Washington Headquarters</b>	<b>-</b>	<b>-</b>	<b>15,664</b>
<b>Las Vegas, NV</b>			
Salaries and Benefits	-	-	6,468
Travel	-	-	175
Support Services	-	-	473
Other Related Expenses	-	-	220
<b>Total, Las Vegas, NV</b>	<b>-</b>	<b>-</b>	<b>7,336</b>
<b>Total Program Direction</b>			
Salaries and Benefits	-	-	18,840
Travel	-	-	650
Support Services	-	-	1,750
Other Related Expenses	-	-	1,760
<b>Total, Program Direction</b>	<b>-</b>	<b>-</b>	<b>23,000</b>
<b>Federal FTEs</b>	<b>-</b>	<b>-</b>	<b>83</b>

	<b>FY 2016 Enacted</b>	<b>FY 2017 Enacted Annualized CR<sup>1</sup></b>	<b>FY 2018 Request</b>
<b>Support Services</b>			
Technical Support	-	-	
Mission Related	-	-	520
Advisory and Assistance	-	-	120
<b>Total, Technical Support</b>	-	-	<b>640</b>
Management Support			
Administrative	-	-	510
IT	-	-	600
<b>Total Management Support</b>	-	-	<b>1,100</b>
<b>Total, Support Services</b>	-	-	<b>1,750</b>
<b>Other Related Expenses</b>			
Working Capital Fund	-	-	1,200
Training	-	-	85
Miscellaneous	-	-	255
Rents and Utilities	-	-	220
<b>Total, Other Related Expenses</b>	-	-	<b>1,760</b>

<sup>1</sup>The FY 2017 amount shown reflects the P.L. 114-254 continuing resolution level annualized to a full year.

**Program Direction**

**Activities and Explanation of Changes**

FY 2016 Enacted	FY 2018 Request	Explanation of Changes FY 2016 vs FY 2018
<b>Program Direction \$0</b>	<b>\$23,000,000</b>	<b>+\$23,000,000</b>
<b>Salaries and Benefits \$0</b>	<b>\$18,840,000</b>	<b>+\$18,840,000</b>
	Provides salaries and benefits for 83 federal staff.	53 employees funded in FY 2016 within other program direction budgets are transferred to support this new program. An additional 30 employees will be required to support this new program.
<b>Travel \$0</b>	<b>\$650,000</b>	<b>+\$650,000</b>
	Provides for travel of the federal staff including any necessary permanent change of duty status costs.	Supports necessary travel required for evolving programmatic requirements of this new program.
<b>Support Services \$0</b>	<b>\$1,750,000</b>	<b>+\$1,750,000</b>
	Provides for technical and administrative support services for the NE federal staff.	Provides for technical and administrative support services for the Nuclear Energy federal staff including access to and participation with external and international nuclear energy organizations such as the Organization for Economic Co-operation and Development/Nuclear Energy Agency.
<b>Other Related Expenses \$0</b>	<b>\$1,760,000</b>	<b>+\$1,760,000</b>
	Provides for NE's share of goods and services procured through the Department's Working Capital Fund; rents and utilities associated with the Nevada Site Office; federal training expenses; and other miscellaneous expenses.	Services procured through the WCF will be required to support the administrative functions of the new program as well as training, rent and utilities associated with the Nevada Site Office, along with other miscellaneous costs.

**Yucca Mountain and Interim Storage  
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.

	FY 2016	FY 2017	FY 2018
Performance Goal (Measure)	<b>Yucca Mountain - Complete 90% of annual program milestones to restart licensing activities for the Yucca Mountain nuclear waste repository and initiate a robust interim storage program.</b>		
Target	N/A	N/A	90 % of annual milestones met
Result	N/A	N/A	TBD
Endpoint Target	N/A		

**Department Of Energy**  
**FY 2018 Congressional Budget**  
**Funding By Appropriation By Site**  
(\$K)

Nuclear Waste Disposal	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<b>Argonne National Laboratory</b>			
<b>Yucca Mountain and Interim Storage</b>			
Yucca Mountain and Interim Storage	0	0	800
<b>Total, Argonne National Laboratory</b>	<b>0</b>	<b>0</b>	<b>800</b>
<b>Idaho National Laboratory</b>			
<b>Yucca Mountain and Interim Storage</b>			
Yucca Mountain and Interim Storage	0	0	10
<b>Total, Idaho National Laboratory</b>	<b>0</b>	<b>0</b>	<b>10</b>
<b>Idaho Operations Office</b>			
<b>Yucca Mountain and Interim Storage</b>			
Yucca Mountain and Interim Storage	0	0	2,940
<b>Total, Idaho Operations Office</b>	<b>0</b>	<b>0</b>	<b>2,940</b>
<b>Lawrence Berkeley National Laboratory</b>			
<b>Yucca Mountain and Interim Storage</b>			
Yucca Mountain and Interim Storage	0	0	840
<b>Total, Lawrence Berkeley National Laboratory</b>	<b>0</b>	<b>0</b>	<b>840</b>
<b>Los Alamos National Laboratory</b>			
<b>Yucca Mountain and Interim Storage</b>			
Yucca Mountain and Interim Storage	0	0	840
<b>Total, Los Alamos National Laboratory</b>	<b>0</b>	<b>0</b>	<b>840</b>
<b>Nevada Field Office</b>			
<b>Yucca Mountain and Interim Storage</b>			
Yucca Mountain and Interim Storage	0	0	40,736
<b>Total, Nevada Field Office</b>	<b>0</b>	<b>0</b>	<b>40,736</b>
<b>Oak Ridge National Laboratory</b>			
<b>Yucca Mountain and Interim Storage</b>			
Yucca Mountain and Interim Storage	0	0	1,130
<b>Total, Oak Ridge National Laboratory</b>	<b>0</b>	<b>0</b>	<b>1,130</b>
<b>Pacific Northwest National Laboratory</b>			
<b>Yucca Mountain and Interim Storage</b>			
Yucca Mountain and Interim Storage	0	0	910
<b>Total, Pacific Northwest National Laboratory</b>	<b>0</b>	<b>0</b>	<b>910</b>
<b>Sandia National Laboratories</b>			
<b>Yucca Mountain and Interim Storage</b>			
Yucca Mountain and Interim Storage	0	0	35,480
<b>Total, Sandia National Laboratories</b>	<b>0</b>	<b>0</b>	<b>35,480</b>

**Department Of Energy**  
**FY 2018 Congressional Budget**  
**Funding By Appropriation By Site**

(\$K)

	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<b>Nuclear Waste Disposal</b>			
<b>Savannah River Operations Office</b>			
<b>Yucca Mountain and Interim Storage</b>			
Yucca Mountain and Interim Storage	0	0	1,050
<b>Total, Savannah River Operations Office</b>	<b>0</b>	<b>0</b>	<b>1,050</b>
<b>Washington Headquarters</b>			
<b>Yucca Mountain and Interim Storage</b>			
Yucca Mountain and Interim Storage	0	0	35,264
<b>Total, Washington Headquarters</b>	<b>0</b>	<b>0</b>	<b>35,264</b>
<b>Total, Nuclear Waste Disposal</b>	<b>0</b>	<b>0</b>	<b>120,000</b>