	FY 2015	FY 2015	FY 2016	FY 2017	FY 2017 vs. F	Y 2016
	Enacted	Current	Enacted	Congressional		
Discretionary Summary By Organization	Approp.	Approp.	Approp.	Request	\$	%
National Nuclear Security Administration						
Weapons Activities	8,180,359	8,180,609	8,846,948	9,243,147	+396,199	+4.59
Defense Nuclear Nonproliferation		1,612,651	1,940,302	1,807,916	-132,386	-6.89
Naval Reactors		1,233,840	1,375,496	1,420,120	+44,624	+3.29
Office of the Administrator		-413				
Federal Salaries and Expenses		370,000	363,766	412,817	+49,051	+13.59
Total, National Nuclear Security Administration		11,396,687	12,526,512	12,884,000	+357,488	+2.9%
Science and Energy						
Science	5,067,738	5,132,813	5,347,000	5,572,069	+225,069	+4.29
Energy						
Energy Efficiency and Renewable Energy		1,840,847	2,069,194	2,898,400	+829,206	+40.19
Electricity Delivery & Energy Reliability		143,901	206,000	262,300	+56,300	+27.3
Fossil Energy		783,829	869,100	638,450	-230,650	-26.5°
Nuclear Energy		821,883	986,161	993,896	+7,735	+0.89
Office of Indian Energy Policy and Programs		16,000	16,000	22,930	+6,930	+43.39
Office of Technology Transitions				8,400	+8,400	N/
Total, Energy		3,606,460	4,146,455	4,824,376	677,921	+16.3
Total, Science and Energy	8,769,404	8,739,273	9,493,455	10,396,445	+902,990	+9.59
Advanced Research Projects Agency - Energy	279,982	279,982	291,000	350,000	+59,000	+20.3
Energy Information Administration	117,000	117,000	122,000	131,125	+9,125	+7.5
Credit Programs						
Title 17 - Innovative Technology						
Loan Guarantee Program	17,000	17,000	17,000	10,000	-7,000	-41.2°
Advanced technology vehicles manufacturing	,	•	,	,	•	
loan program	4,000	4,000	6,000	5,000	-1,000	-16.79
Tribal Indian Energy Loan Guarantee Program						
Total, Credit Programs	21,000	21,000	23,000	15,000	-8,000	-34.89
Management and Performance						
Environmental Management	5,861,017	5,860,585	6,218,491	5,445,350	-773,141	-12.49
Office of Legacy Management		171,811	167,180	154,320	-12,860	-7.7
Environment, Health, Safety and Security	·	·	·		•	
Mission Support	180,911	182,911	180,998	197,212	+16,214	+9.0
Chief Information Officer		71,959	73,218	93,074	+19,856	+27.19
Management	,	62,946	65,000	59,114	-5,886	-9.19
Project Management Oversight Assessment		, 	, 	18,000	+18,000	N/
Chief Human Capital Officer		24,500	24,500	25,424	+924	+3.89
Hearings and Appeals	·	5,242	5,500	5,919	+419	+7.69
Economic Impact and Diversity		8,800	10,000	11,319	+1,319	+13.29
Office of the Energy Jobs Development	·			3,700	+3,700	N/
Total, Management and Performance		6,388,754	6,744,887	6,013,432	-731,455	-10.8
Corporate Management						
Office of the Secretary	5,008	5,008	5,008	5,300	+292	+5.8
Cost Estimating and Program Evaluation	· · · · · · · · · · · · · · · · · · ·	,	,	5,000	+5,000	N/
Strategic Partnership Projects and Revenues		-78,099	-83,971	-105,471	-21,500	-25.6°
Chief Financial Officer		47,000	47,024	53,084	+6,060	+12.99
Congressional and Intergovernmental Affairs		4,246	6,300	6,200	-100	-1.6
Public Affairs		3,231	3,431	3,431		
General Counsel		30,554	31,000	33,000	+2,000	+6.5
International Affairs	·	24,943	18,000	19,107	+1,107	+6.2
Office of Small and Disadvantaged		21,070	10,000	10,107	. 1,101	, 0.2
Business Utilization		2,253	3,000	3,300	+300	+10.0
	·	·		·		
Energy Policy and Systems Analysis		31,181	31,297	31,000	-297	-0.9%

	FY 2015	FY 2015	FY 2016	FY 2017	FY 2017 vs. f	-Y 2016
	Enacted	Current	Enacted	Congressional		
	Approp.	Approp.	Approp.	Request	\$	%
Office of Enterprise Assessments	73,534	71,534	73,534	76,473	+2,939	+4.0%
Specialized Security Activities	203,115	203,115	230,377	237,912	+7,535	+3.3%
Inspector General	40,500	40,500	46,424	44,424	-2,000	-4.3%
Federal Energy Management Program						
Power Marketing Administrations	80,368	80,368	82,000	83,870	+1,870	+2.3%
Federal Energy Regulatory Commission	-28,485	-17,325	-23,587	-9,426	+14,161	+60.0%
Title XVII Loan Guar. Prog Section 1703						
Negative Credit Subsidy Receipt			-68,000	-37,000	+31,000	+45.6%
Total, Discretionary Funding	27,402,312	27,391,205	29,602,691	30,240,206	+637,515	+2.2%
Memo: Total Discretionary by budget function						
(Defense (050) function, non-add)	(17,714,000)	(17,711,191)	(18,718,840)	(19,209,478)		
(Non-Defense (250/270) function, non-add)	(9,688,312)	(9,680,014)	(10,883,851)	(11,030,728)		
(Science (250) function, non-add)	(5,067,738)	(5,132,813)	(5,347,000)	(5,572,069)		
(Energy (270) function, non-add)	(4,620,574)	(4,547,201)	(5,536,851)	(5,458,659)		
(Energy (270) function, non-add)	(4,020,07 4)	(4,047,201)	(0,000,001)	(0,400,000)		
New DOE Mandatory Funding						
Science University Grants				100,000	+100,000	N/A
21st Century Clean Transportation Plan Investments				1,335,000	+1,335,000	N/A
ARPA-E				150,000	+150,000	N/A
USEC Fund						
Oak Ridge				159,416	+159,416	N/A
Paducah						
Paducah				203,093	+203,093	N/A
Construction						
15-U-407 On-site waste disposal facility						
Paducah (PA-0040)				2,437	+2,437	N/A
Total, Paducah				205,530	+205,530	N/A
Portsmouth						
Portsmouth				214,682	+214,682	N/A
Construction						
15-U-408 On-site waste disposal facility						
Portsmouth (PO-0040)				41,168	+41,168	N/A
Total, Portsmouth				255,850	+255,850	N/A
Pension and community and regulatory support				40.770	.40.770	N1/A
Oak Ridge				18,772	+18,772	N/A
Paducah				2,386	+2,386	N/A
Portsmouth				1,795	+1,795	N/A
Total, Pension and community& regulatory support				22,953	+22,953	N/A
Title X uranium/thorium reimbursement program				30,000	+30,000	N/A
Total, USEC Fund				673,749	+673,749	N/A
Total, New DOE Mandatory Funding				2,258,749	+2,258,749	N/A
Total, DOE	27,402,312	27,391,205	29,602,691	32,498,955	+2,896,264	+9.8%

onal Nuclear Security Administration apons Activities irected stockpile work Life extension programs and major alterations B61 Life extension program	531,107 50,000 350,942 25,500 160,000 226,000 132,000 140,053	Current Approp. 644,420 234,168 204,400 10,360 1,093,348 114,615 41,564 59,833 75,610 63,136 89,005 86,625 530,388 50,000 352,442 25,500 160,000 226,000 132,000 140,053 1,035,995	Enacted Approp. 643,300 244,019 220,176 195,037 1,302,532 52,247 50,921 64,092 68,005 42,177 89,299 115,685 482,426 52,000 447,527 41,059 185,000 264,994 938,580	Congressional Request 616,079 222,880 281,129 220,253 1,340,341 57,313 38,604 56,413 64,631 41,659 81,982 103,074 443,676 68,984 457,043 34,187 156,481 251,978 899,689	-27,221 -21,139 +60,953 +25,216 +37,809 +5,066 -12,317 -7,679 -3,374 -518 -7,317 -12,611 -38,750 +16,984 +9,516 -6,872 -28,519 -13,01638,891	-4.2% -8.7% +27.7% +12.9% +2.9% -12.0% -5.0% -1.2% -8.2% -10.9% -8.2% -10.9% -8.1% -4.1%
apons Activities irected stockpile work Life extension programs and major alterations B61 Life extension program	643,000 259,168 165,400 9,418 1,076,986 109,615 45,728 62,703 70,610 63,136 91,255 88,060 531,107 50,000 350,942 25,500 160,000 226,000 132,000 140,053 1,034,495	644,420 234,168 204,400 10,360 1,093,348 114,615 41,564 59,833 75,610 63,136 89,005 86,625 530,388 50,000 352,442 25,500 160,000 226,000 132,000 140,053 1,035,995	643,300 244,019 220,176 195,037 1,302,532 52,247 50,921 64,092 68,005 42,177 89,299 115,685 482,426 52,000 447,527 41,059 185,000 264,994 938,580	616,079 222,880 281,129 220,253 1,340,341 57,313 38,604 56,413 64,631 41,659 81,982 103,074 443,676 68,984 457,043 34,187 156,481 251,978 899,689	-27,221 -21,139 +60,953 +25,216 +37,809 +5,066 -12,317 -7,679 -3,374 -518 -7,317 -12,611 -38,750 +16,984 +9,516 -6,872 -28,519 -13,01638,891	-4.2' -8.7' +27.7' +12.9' +2.9' +2.9' -12.0' -5.0' -1.2' -8.2' -10.9' -8.0' +32.7' +2.1' -16.7' -15.4' -4.9'
irected stockpile work Life extension programs and major alterations B61 Life extension program. W76 Life extension program. W76 Life extension program. W88 Alt 370 Cruise missile warhead life extension study. W80-4 Life extension program. Total, Life extension programs and major alterations Stockpile systems B61 Stockpile systems. W76 Stockpile systems. W78 Stockpile systems. W80 Stockpile systems. W88 Stockpile systems. Stockpile systems. W88 Stockpile systems. W88 Cockpile systems. Stockpile systems. Total, Stockpile systems. Weapons dismantlement and disposition Operations and maintenance. Stockpile services Production support. Research and development support. R&D certification and safety. Management, technology, and production. Plutonium sustainment. Tritium readiness. Total, Stockpile services. Strategic materials Uranium sustainment. Plutonium sustainment. Plutonium sustainment. Tritium sustainment.	259,168 165,400 9,418 1,076,986 109,615 45,728 62,703 70,610 63,136 91,255 88,060 531,107 50,000 350,942 25,500 160,000 226,000 132,000 140,053 1,034,495	234,168 204,400 10,360 1,093,348 114,615 41,564 59,833 75,610 63,136 89,005 86,625 530,388 50,000 352,442 25,500 160,000 226,000 132,000 140,053 1,035,995	244,019 220,176 195,037 1,302,532 52,247 50,921 64,092 68,005 42,177 89,299 115,685 482,426 52,000 447,527 41,059 185,000 264,994 938,580	222,880 281,129 220,253 1,340,341 57,313 38,604 56,413 64,631 41,659 81,982 103,074 443,676 68,984 457,043 34,187 156,481 251,978 899,689	-21,139 +60,953 +25,216 +37,809 +5,066 -12,317 -7,679 -3,374 -518 -7,317 -12,611 -38,750 +16,984 +9,516 -6,872 -28,519 -13,016 -38,891	-8.7' +27.7' +12.9' +12.9' +9.7' -24.2' -12.0' -5.0' -1.2' -8.2' -10.9' -8.0' +32.7' +2.1' -16.7' -15.4' -4.9'
Life extension programs and major alterations B61 Life extension program	259,168 165,400 9,418 1,076,986 109,615 45,728 62,703 70,610 63,136 91,255 88,060 531,107 50,000 350,942 25,500 160,000 226,000 132,000 140,053 1,034,495	234,168 204,400 10,360 1,093,348 114,615 41,564 59,833 75,610 63,136 89,005 86,625 530,388 50,000 352,442 25,500 160,000 226,000 132,000 140,053 1,035,995	244,019 220,176 195,037 1,302,532 52,247 50,921 64,092 68,005 42,177 89,299 115,685 482,426 52,000 447,527 41,059 185,000 264,994 938,580	222,880 281,129 220,253 1,340,341 57,313 38,604 56,413 64,631 41,659 81,982 103,074 443,676 68,984 457,043 34,187 156,481 251,978 899,689	-21,139 +60,953 +25,216 +37,809 +5,066 -12,317 -7,679 -3,374 -518 -7,317 -12,611 -38,750 +16,984 +9,516 -6,872 -28,519 -13,016 -38,891	-8.7° +27.7° +12.9° +9.7° -24.2° -12.0° -5.0° -1.2° -8.2° -10.9° -8.0° +32.7° +2.1° -16.7° -15.4° -4.9°
B61 Life extension program. W76 Life extension program. W88 Alt 370 Cruise missile warhead life extension study. W80-4 Life extension program. Total, Life extension programs and major alterations Stockpile systems B61 Stockpile systems. W76 Stockpile systems. W78 Stockpile systems. W80 Stockpile systems. W80 Stockpile systems. W87 Stockpile systems. W88 Stockpile systems. W68 Stockpile systems. W76 Stockpile systems. W77 Stockpile systems. W87 Stockpile systems. W88 Stockpile systems. W89 Stockpile systems. W69 Stockpile systems. W60 Stockpile systems. W70 Stockpile systems. W60 Stockpile systems. W70 Stockpile systems. Stockpile services. Strategic materials Uranium sustainment. Plutonium sustainment. Plutonium sustainment. Plutonium sustainment. Tritium sustainment. Domestic uranium enrichment.	259,168 165,400 9,418 1,076,986 109,615 45,728 62,703 70,610 63,136 91,255 88,060 531,107 50,000 350,942 25,500 160,000 226,000 132,000 140,053 1,034,495	234,168 204,400 10,360 1,093,348 114,615 41,564 59,833 75,610 63,136 89,005 86,625 530,388 50,000 352,442 25,500 160,000 226,000 132,000 140,053 1,035,995	244,019 220,176 195,037 1,302,532 52,247 50,921 64,092 68,005 42,177 89,299 115,685 482,426 52,000 447,527 41,059 185,000 264,994 938,580	222,880 281,129 220,253 1,340,341 57,313 38,604 56,413 64,631 41,659 81,982 103,074 443,676 68,984 457,043 34,187 156,481 251,978 899,689	-21,139 +60,953 +25,216 +37,809 +5,066 -12,317 -7,679 -3,374 -518 -7,317 -12,611 -38,750 +16,984 +9,516 -6,872 -28,519 -13,016 -38,891	-8.7° +27.7° +12.9° +12.9° +9.7° -24.2° -12.0° -5.0° -1.2° -8.2° -10.9° -8.0° +32.7° +2.1° -16.7° -15.4° -4.9°
W76 Life extension program. W88 Alt 370	259,168 165,400 9,418 1,076,986 109,615 45,728 62,703 70,610 63,136 91,255 88,060 531,107 50,000 350,942 25,500 160,000 226,000 132,000 140,053 1,034,495	234,168 204,400 10,360 1,093,348 114,615 41,564 59,833 75,610 63,136 89,005 86,625 530,388 50,000 352,442 25,500 160,000 226,000 132,000 140,053 1,035,995	244,019 220,176 195,037 1,302,532 52,247 50,921 64,092 68,005 42,177 89,299 115,685 482,426 52,000 447,527 41,059 185,000 264,994 938,580	222,880 281,129 220,253 1,340,341 57,313 38,604 56,413 64,631 41,659 81,982 103,074 443,676 68,984 457,043 34,187 156,481 251,978 899,689	-21,139 +60,953 +25,216 +37,809 +5,066 -12,317 -7,679 -3,374 -518 -7,317 -12,611 -38,750 +16,984 +9,516 -6,872 -28,519 -13,016 -38,891	-8.7° +27.7° +12.9° +12.9° +9.7° -24.2° -12.0° -5.0° -1.2° -8.2° -10.9° -8.0° +32.7° +2.1° -16.7° -15.4° -4.9°
W88 Alt 370 Cruise missile warhead life extension study	165,400 9,418 1,076,986 109,615 45,728 62,703 70,610 63,136 91,255 88,060 531,107 50,000 350,942 25,500 160,000 226,000 132,000 140,053 1,034,495	204,400 10,360 1,093,348 114,615 41,564 59,833 75,610 63,136 89,005 86,625 530,388 50,000 352,442 25,500 160,000 226,000 132,000 140,053 1,035,995	220,176 195,037 1,302,532 52,247 50,921 64,092 68,005 42,177 89,299 115,685 482,426 52,000 447,527 41,059 185,000 264,994 938,580	281,129 220,253 1,340,341 57,313 38,604 56,413 64,631 41,659 81,982 103,074 443,676 68,984 457,043 34,187 156,481 251,978 899,689	+60,953 +25,216 +37,809 +5,066 -12,317 -7,679 -3,374 -518 -7,317 -12,611 -38,750 +16,984 +9,516 -6,872 -28,519 -13,01638,891	+27.7°
Cruise missile warhead life extension study. W80-4 Life extension program	9,418 1,076,986 109,615 45,728 62,703 70,610 63,136 91,255 88,060 531,107 50,000 350,942 25,500 160,000 226,000 132,000 140,053 1,034,495	10,360 1,093,348 114,615 41,564 59,833 75,610 63,136 89,005 86,625 530,388 50,000 352,442 25,500 160,000 226,000 132,000 140,053 1,035,995	1,302,532 52,247 50,921 64,092 68,005 42,177 89,299 115,685 482,426 52,000 447,527 41,059 185,000 264,994 938,580	220,253 1,340,341 57,313 38,604 56,413 64,631 41,659 81,982 103,074 443,676 68,984 457,043 34,187 156,481 251,978 899,689	+5,066 -12,317 -7,679 -3,374 -518 -7,317 -12,611 -38,750 +16,984 +9,516 -6,872 -28,519 -13,016 -38,891	+2.9° +9.7° -24.2° -12.0° -5.0° -1.2° -8.2° -10.9° -8.0° +32.7° +2.1° -16.7° -15.4° -4.9°
W80-4 Life extension program	1,076,986 109,615 45,728 62,703 70,610 63,136 91,255 88,060 531,107 50,000 350,942 25,500 160,000 226,000 132,000 140,053 1,034,495	1,093,348 114,615 41,564 59,833 75,610 63,136 89,005 86,625 530,388 50,000 352,442 25,500 160,000 226,000 132,000 140,053 1,035,995	195,037 1,302,532 52,247 50,921 64,092 68,005 42,177 89,299 115,685 482,426 52,000 447,527 41,059 185,000 264,994 938,580	220,253 1,340,341 57,313 38,604 56,413 64,631 41,659 81,982 103,074 443,676 68,984 457,043 34,187 156,481 251,978 899,689	+25,216 +37,809 +5,066 -12,317 -7,679 -3,374 -518 -7,317 -12,611 -38,750 +16,984 +9,516 -6,872 -28,519 -13,01638,891	+12.9° +2.9° +9.7° -24.2° -12.0° -5.0° -1.2° -8.2° -10.9° -8.0° +32.7° +2.1° -16.7° -15.4° -4.9°
Total, Life extension programs and major alterations	1,076,986 109,615 45,728 62,703 70,610 63,136 91,255 88,060 531,107 50,000 350,942 25,500 160,000 226,000 132,000 140,053 1,034,495	1,093,348 114,615 41,564 59,833 75,610 63,136 89,005 86,625 530,388 50,000 352,442 25,500 160,000 226,000 132,000 140,053 1,035,995	1,302,532 52,247 50,921 64,092 68,005 42,177 89,299 115,685 482,426 52,000 447,527 41,059 185,000 264,994 938,580	1,340,341 57,313 38,604 56,413 64,631 41,659 81,982 103,074 443,676 68,984 457,043 34,187 156,481 251,978 899,689	+37,809 +5,066 -12,317 -7,679 -3,374 -518 -7,317 -12,611 -38,750 +16,984 +9,516 -6,872 -28,519 -13,01638,891	+2.9° +9.7° -24.2° -12.0° -5.0° -1.2° -8.2° -10.9° -8.0° +32.7° +2.1° -16.7° -15.4° -4.9°
major alterations	109,615 45,728 62,703 70,610 63,136 91,255 88,060 531,107 50,000 350,942 25,500 160,000 226,000 132,000 140,053 1,034,495	114,615 41,564 59,833 75,610 63,136 89,005 86,625 530,388 50,000 352,442 25,500 160,000 226,000 132,000 140,053 1,035,995	52,247 50,921 64,092 68,005 42,177 89,299 115,685 482,426 52,000 447,527 41,059 185,000 264,994 938,580	57,313 38,604 56,413 64,631 41,659 81,982 103,074 443,676 68,984 457,043 34,187 156,481 251,978 899,689	+5,066 -12,317 -7,679 -3,374 -518 -7,317 -12,611 -38,750 +16,984 +9,516 -6,872 -28,519 -13,01638,891	+9.7° -24.2° -12.0° -5.0° -1.2° -8.2° -10.9° -8.0° +32.7° +2.1° -16.7° -15.4° -4.9°
Stockpile systems B61 Stockpile systems	109,615 45,728 62,703 70,610 63,136 91,255 88,060 531,107 50,000 350,942 25,500 160,000 226,000 132,000 140,053 1,034,495	114,615 41,564 59,833 75,610 63,136 89,005 86,625 530,388 50,000 352,442 25,500 160,000 226,000 132,000 140,053 1,035,995	52,247 50,921 64,092 68,005 42,177 89,299 115,685 482,426 52,000 447,527 41,059 185,000 264,994 938,580	57,313 38,604 56,413 64,631 41,659 81,982 103,074 443,676 68,984 457,043 34,187 156,481 251,978 899,689	+5,066 -12,317 -7,679 -3,374 -518 -7,317 -12,611 -38,750 +16,984 +9,516 -6,872 -28,519 -13,01638,891	+9.7' -24.2' -12.0' -5.0' -1.2' -8.2' -10.9' -8.0' +2.1' -16.7' -15.4' -4.9'
B61 Stockpile systems. W76 Stockpile systems. W78 Stockpile systems. W80 Stockpile systems. B83 Stockpile systems. W87 Stockpile systems. W88 Stockpile systems. Total, Stockpile systems. Weapons dismantlement and disposition Operations and maintenance. Stockpile services Production support. Research and development support. R&D certification and safety. Management, technology, and production. Plutonium sustainment. Tritium readiness. Total, Stockpile services. Strategic materials Uranium sustainment. Plutonium sustainment. Plutonium sustainment. Tritium sustainment. Tritium sustainment. Tritium sustainment. Tritium sustainment. Tritium sustainment. Domestic uranium enrichment.	45,728 62,703 70,610 63,136 91,255 88,060 531,107 50,000 350,942 25,500 160,000 226,000 132,000 140,053 1,034,495	41,564 59,833 75,610 63,136 89,005 86,625 530,388 50,000 352,442 25,500 160,000 226,000 132,000 140,053 1,035,995	50,921 64,092 68,005 42,177 89,299 115,685 482,426 52,000 447,527 41,059 185,000 264,994 938,580	38,604 56,413 64,631 41,659 81,982 103,074 443,676 68,984 457,043 34,187 156,481 251,978 899,689	-12,317 -7,679 -3,374 -518 -7,317 -12,611 -38,750 +16,984 +9,516 -6,872 -28,519 -13,01638,891	-24.2° -12.0° -5.0° -1.2° -8.2° -10.9° -8.0° +32.7° +2.1° -16.7° -15.4° -4.9°
W76 Stockpile systems. W78 Stockpile systems. W80 Stockpile systems. B83 Stockpile systems. W87 Stockpile systems. W88 Stockpile systems. Total, Stockpile systems. Weapons dismantlement and disposition Operations and maintenance. Stockpile services Production support. Research and development support. Research and development support. R&D certification and safety. Management, technology, and production. Plutonium sustainment. Tritium readiness. Total, Stockpile services. Strategic materials Uranium sustainment. Plutonium sustainment. Plutonium sustainment. Tritium sustainment. Tritium sustainment. Domestic uranium enrichment.	45,728 62,703 70,610 63,136 91,255 88,060 531,107 50,000 350,942 25,500 160,000 226,000 132,000 140,053 1,034,495	41,564 59,833 75,610 63,136 89,005 86,625 530,388 50,000 352,442 25,500 160,000 226,000 132,000 140,053 1,035,995	50,921 64,092 68,005 42,177 89,299 115,685 482,426 52,000 447,527 41,059 185,000 264,994 938,580	38,604 56,413 64,631 41,659 81,982 103,074 443,676 68,984 457,043 34,187 156,481 251,978 899,689	-12,317 -7,679 -3,374 -518 -7,317 -12,611 -38,750 +16,984 +9,516 -6,872 -28,519 -13,01638,891	-24.2° -12.0° -5.0° -1.2° -8.2° -10.9° -8.0° +32.7° +2.1° -16.7° -15.4° -4.9°
W78 Stockpile systems. W80 Stockpile systems. B83 Stockpile systems. W87 Stockpile systems. W88 Stockpile systems. Total, Stockpile systems. Weapons dismantlement and disposition Operations and maintenance. Stockpile services Production support. Research and development support. R&D certification and safety. Management, technology, and production. Plutonium sustainment. Tritium readiness. Total, Stockpile services. Strategic materials Uranium sustainment. Plutonium sustainment. Plutonium sustainment. Plutonium sustainment. Plutonium sustainment. Plutonium sustainment. Domestic uranium enrichment.	62,703 70,610 63,136 91,255 88,060 531,107 50,000 350,942 25,500 160,000 226,000 132,000 140,053 1,034,495	59,833 75,610 63,136 89,005 86,625 530,388 50,000 352,442 25,500 160,000 226,000 132,000 140,053 1,035,995	64,092 68,005 42,177 89,299 115,685 482,426 52,000 447,527 41,059 185,000 264,994 938,580	56,413 64,631 41,659 81,982 103,074 443,676 68,984 457,043 34,187 156,481 251,978 899,689	-7,679 -3,374 -518 -7,317 -12,611 -38,750 +16,984 +9,516 -6,872 -28,519 -13,01638,891	-12.0' -5.0 -1.2 -8.2' -10.9 -8.0' +32.7' +2.1' -16.7' -15.4' -4.9
W80 Stockpile systems. B83 Stockpile systems. W87 Stockpile systems. W88 Stockpile systems. Total, Stockpile systems. Weapons dismantlement and disposition Operations and maintenance. Stockpile services Production support. Research and development support. R&D certification and safety. Management, technology, and production. Plutonium sustainment. Tritium readiness. Total, Stockpile services. Strategic materials Uranium sustainment. Plutonium sustainment. Plutonium sustainment. Tritium sustainment. Tritium sustainment. Domestic uranium enrichment.	70,610 63,136 91,255 88,060 531,107 50,000 350,942 25,500 160,000 226,000 132,000 140,053 1,034,495	75,610 63,136 89,005 86,625 530,388 50,000 352,442 25,500 160,000 226,000 132,000 140,053 1,035,995	68,005 42,177 89,299 115,685 482,426 52,000 447,527 41,059 185,000 264,994 938,580	64,631 41,659 81,982 103,074 443,676 68,984 457,043 34,187 156,481 251,978 899,689	-3,374 -518 -7,317 -12,611 -38,750 +16,984 +9,516 -6,872 -28,519 -13,016 -38,891	-5.0 -1.2 -8.2 -10.9 -8.0 +32.7 +2.1 -16.7 -15.4 -4.9
B83 Stockpile systems W87 Stockpile systems W88 Stockpile systems Total, Stockpile systems Weapons dismantlement and disposition Operations and maintenance Stockpile services Production support Research and development support R&D certification and safety Management, technology, and production Plutonium sustainment Tritium readiness Total, Stockpile services Strategic materials Uranium sustainment Plutonium sustainment Plutonium sustainment Plutonium sustainment Tritium sustainment Tritium sustainment Domestic uranium enrichment	63,136 91,255 88,060 531,107 50,000 350,942 25,500 160,000 226,000 132,000 140,053 1,034,495	63,136 89,005 86,625 530,388 50,000 352,442 25,500 160,000 226,000 132,000 140,053 1,035,995	42,177 89,299 115,685 482,426 52,000 447,527 41,059 185,000 264,994 938,580	41,659 81,982 103,074 443,676 68,984 457,043 34,187 156,481 251,978 899,689	-518 -7,317 -12,611 -38,750 +16,984 +9,516 -6,872 -28,519 -13,016 -38,891	-1.2 -8.2 -10.9 -8.0 +32.7 +2.1 -16.7 -15.4 -4.9
W87 Stockpile systems	91,255 88,060 531,107 50,000 350,942 25,500 160,000 226,000 132,000 140,053 1,034,495	63,136 89,005 86,625 530,388 50,000 352,442 25,500 160,000 226,000 132,000 140,053 1,035,995	89,299 115,685 482,426 52,000 447,527 41,059 185,000 264,994 938,580	81,982 103,074 443,676 68,984 457,043 34,187 156,481 251,978 899,689	-7,317 -12,611 -38,750 +16,984 +9,516 -6,872 -28,519 -13,016 -38,891	-8.2 -10.9 -8.0 +32.7 +2.1 -16.7 -15.4 -4.9
W87 Stockpile systems	91,255 88,060 531,107 50,000 350,942 25,500 160,000 226,000 132,000 140,053 1,034,495	89,005 86,625 530,388 50,000 352,442 25,500 160,000 226,000 132,000 140,053 1,035,995	89,299 115,685 482,426 52,000 447,527 41,059 185,000 264,994 938,580	81,982 103,074 443,676 68,984 457,043 34,187 156,481 251,978 899,689	-7,317 -12,611 -38,750 +16,984 +9,516 -6,872 -28,519 -13,016 -38,891	-8.2 -10.9 -8.0 +32.7 +2.1 -16.7 -15.4 -4.9
W88 Stockpile systems	88,060 531,107 50,000 350,942 25,500 160,000 226,000 132,000 140,053 1,034,495	86,625 530,388 50,000 352,442 25,500 160,000 226,000 132,000 140,053 1,035,995	115,685 482,426 52,000 447,527 41,059 185,000 264,994 938,580	103,074 443,676 68,984 457,043 34,187 156,481 251,978 899,689	-12,611 -38,750 +16,984 +9,516 -6,872 -28,519 -13,016 -38,891	-10.9 -8.0 +32.7 +2.1 -16.7 -15.4 -4.9
Total, Stockpile systems Weapons dismantlement and disposition Operations and maintenance Stockpile services Production support Research and development support. R&D certification and safety Management, technology, and production Plutonium sustainment Tritium readiness Total, Stockpile services Strategic materials Uranium sustainment Plutonium sustainment Plutonium sustainment Tritium sustainment Domestic uranium enrichment	531,107 50,000 350,942 25,500 160,000 226,000 132,000 140,053 1,034,495	530,388 50,000 352,442 25,500 160,000 226,000 132,000 140,053 1,035,995	482,426 52,000 447,527 41,059 185,000 264,994 938,580	443,676 68,984 457,043 34,187 156,481 251,978 899,689	-38,750 +16,984 +9,516 -6,872 -28,519 -13,016 -38,891	-8.0 +32.7 +2.1 -16.7 -15.4 -4.9
Weapons dismantlement and disposition Operations and maintenance Stockpile services Production support Research and development support R&D certification and safety Management, technology, and production Plutonium sustainment Tritium readiness Total, Stockpile services Strategic materials Uranium sustainment Plutonium sustainment Plutonium sustainment Tritium sustainment Domestic uranium enrichment	350,942 25,500 160,000 226,000 132,000 140,053 1,034,495	352,442 25,500 160,000 226,000 132,000 140,053 1,035,995	447,527 41,059 185,000 264,994 938,580	457,043 34,187 156,481 251,978 899,689	+9,516 -6,872 -28,519 -13,016 -38,891	+2.1 -16.7 -15.4 -4.9 -
Operations and maintenance Stockpile services Production support Research and development support R&D certification and safety Management, technology, and production Plutonium sustainment Tritium readiness Total, Stockpile services Strategic materials Uranium sustainment Plutonium sustainment Plutonium sustainment Tritium sustainment Domestic uranium enrichment	350,942 25,500 160,000 226,000 132,000 140,053 1,034,495	352,442 25,500 160,000 226,000 132,000 140,053 1,035,995	447,527 41,059 185,000 264,994 938,580	457,043 34,187 156,481 251,978 899,689	+9,516 -6,872 -28,519 -13,016 -38,891	+2.1 -16.7 -15.4 -4.9
Stockpile services Production support	350,942 25,500 160,000 226,000 132,000 140,053 1,034,495	352,442 25,500 160,000 226,000 132,000 140,053 1,035,995	447,527 41,059 185,000 264,994 938,580	457,043 34,187 156,481 251,978 899,689	+9,516 -6,872 -28,519 -13,016 -38,891	+2.1 -16.7 -15.4 -4.9
Production support Research and development support R&D certification and safety Management, technology, and production Plutonium sustainment Tritium readiness Total, Stockpile services Strategic materials Uranium sustainment Plutonium sustainment Plutonium sustainment Tritium sustainment Domestic uranium enrichment	25,500 160,000 226,000 132,000 140,053 1,034,495	25,500 160,000 226,000 132,000 140,053 1,035,995	41,059 185,000 264,994 938,580	34,187 156,481 251,978 899,689	-6,872 -28,519 -13,016 -38,891	-16.7 -15.4 -4.9
Production support Research and development support R&D certification and safety Management, technology, and production Plutonium sustainment Tritium readiness Total, Stockpile services Strategic materials Uranium sustainment Plutonium sustainment Plutonium sustainment Tritium sustainment Domestic uranium enrichment	25,500 160,000 226,000 132,000 140,053 1,034,495	25,500 160,000 226,000 132,000 140,053 1,035,995	41,059 185,000 264,994 938,580	34,187 156,481 251,978 899,689	-6,872 -28,519 -13,016 -38,891	-16.7 -15.4 -4.9
Research and development support	25,500 160,000 226,000 132,000 140,053 1,034,495	25,500 160,000 226,000 132,000 140,053 1,035,995	41,059 185,000 264,994 938,580	34,187 156,481 251,978 899,689	-6,872 -28,519 -13,016 -38,891	-16.7 -15.4 -4.9
R&D certification and safety Management, technology, and production Plutonium sustainment Tritium readiness Total, Stockpile services Strategic materials Uranium sustainment Plutonium sustainment Tritium sustainment Domestic uranium enrichment	160,000 226,000 132,000 140,053 1,034,495	160,000 226,000 132,000 140,053 1,035,995	185,000 264,994 938,580	156,481 251,978 899,689	-28,519 -13,016 -38,891	-15.4 -4.9 -
Management, technology, and production. Plutonium sustainment. Tritium readiness Total, Stockpile services Strategic materials Uranium sustainment Plutonium sustainment Tritium sustainment Domestic uranium enrichment	226,000 132,000 140,053 1,034,495	226,000 132,000 140,053 1,035,995	264,994 938,580	251,978 899,689	-13,016 -38,891	-4.9 - -
Plutonium sustainment Tritium readiness Total, Stockpile services Strategic materials Uranium sustainment Plutonium sustainment Tritium sustainment Domestic uranium enrichment	132,000 140,053 1,034,495	132,000 140,053 1,035,995	938,580	899,689	 -38,891	-
Tritium readiness Total, Stockpile services Strategic materials Uranium sustainment Plutonium sustainment Tritium sustainment Domestic uranium enrichment	140,053 1,034,495 	140,053 1,035,995	938,580	899,689		-4.1
Total, Stockpile services	1,034,495	1,035,995	938,580	899,689		<u>-</u> -4.1
Strategic materials Uranium sustainment Plutonium sustainment Tritium sustainment Domestic uranium enrichment				·		-4.1
Uranium sustainment Plutonium sustainment Tritium sustainment Domestic uranium enrichment			22.016			
Plutonium sustainment Tritium sustainment Domestic uranium enrichment			22 016			
Tritium sustainment Domestic uranium enrichment			32,910	20,988	-11,928	-36.2
Domestic uranium enrichment			174,698	184,970	+10,272	+5.9
			104,600	109,787	+5,187	+5.0
			50,000	50,000		
Strategic materials sustainment			250,040	212,092	-37,948	-15.2
Total, Strategic materials			612,254	577,837	-34,417	-5.6
otal, Directed stockpile work	2,692,588	2,709,731	3,387,792	3,330,527	-57,265	-1.7
and the development test and evaluation (DDT0.5)						
esearch, development, test and evaluation (RDT&E) Science						
Advanced certification	58,747	58,747	58,747	58,000	-747	-1.3
	•	•	•	•		
Primary assessment technologies		109,000	95,512	99,000	+3,488	+3.7
Dynamic materials properties	109,000	109,000	100,400	106,000	+5,600	+5.6
Advanced radiography		47,000	45,700	50,500	+4,800	+10.5
Secondary assessment technologies	88,344	88,344	72,900	76,000	+3,100	+4.3
Academic alliances and partnerships			49,800	52,484	+2,684	+5.4
Total, Science	412,091	412,091	423,059	441,984	+18,925	+4.5
Engineering						
Enhanced surety	52,003	52,003	50,821	37,196	-13,625	-26.8
Weapon systems engineering assessment						
technology	20,832	20,832	17,371	16,958	-413	-2.4
Nuclear survivability	25,371	25,371	24,461	43,105	+18,644	+76.2
Enhanced surveillance		37,799	38,724	42,228	+3,504	+9.0
Total, Engineering	136,005	136,005	131,377	139,487	+8,110	+6.2
Inertial confinement fusion ignition and						
high yield						
Ignition	77,994	77,994	76,334	75,432	-902	-1.2
Support of other stockpile programs	23,598	23,598	22,843	23,363	+520	+2.3
Capport of outer occurping programment and in the capport of outer occurrence programment and outer	20,000	20,000	22,010	20,000	.020	. 2.0
Diagnostics, cryogenics and experimental						
support	61,297	61,297	58,587	68,696	+10,109	+17.3
Duland navor inartial confinement finite	E 004	F 004	4.000	E 040	. 050	. 40.0
Pulsed power inertial confinement fusion	5,024	5,024	4,963	5,616	+653	+13.29
Joint program in high energy density						
laboratory plasmas	9,100	9,100	8,900	9,492	+592	+6.79

	FY 2015 Enacted	FY 2015 Current	FY 2016 Enacted	FY 2017 Congressional	FY 2017 vs.	
Facility operations and target production	Approp. 335,882	Approp. 335,882	Approp. 339,423	Request 340,360	\$ +937	% +0.3%
Total, Inertial confinement fusion and high yield	512,895	512,895	511,050	522,959	+11,909	+2.3%
Advanced simulation and computing	598,000	598,000	623,006	663,184	+40,178	+6.4%
Advanced manufacturing development						
Additive manufacturing	12,600	12,600	12,600	12,000	-600	-4.89
Component manufacturing development Process technology development		75,000 19,600	99,656 17,800	46,583 28,522	-53,073 +10,722	-53.39 +60.29
Total, Advanced manufacturing development	· · · · · · · · · · · · · · · · · · ·	107,200	130,056	87,105	-42,951	-33.09
otal, RDT&E	1,766,191	1,766,191	1,818,548	1,854,719	+36,171	+2.0%
rastructure and operations (formerly RTBF)						
Operating Operations of facilities						
Kansas City Plant			100,250	101,000	+750	+0.79
Lawrence Livermore National Laboratory			70,671	70,500	-171	-0.2
Los Alamos National Laboratory			196,460	196,500	+40	+0.09
Nevada Test Site			89,000	92,500	+3,500	+3.99
Pantex			58,021	55,000	-3,021	-5.2
Sandia National Laboratory			115,300	118,000	+2,700	+2.3
Savannah River Site			80,463	83,500	+3,037	+3.8
Y-12 National security complex			120,625 830,790	107,000	-13,625 6 700	-11.3 -0.8
Total, Operations of facilities			830,790	824,000	-6,790	-0.8
Safety and environmental operations			107,701	110,000	+2,299	+2.1
Maintenance and repair of facilities				294,000	+294,000	N,
Site maintenance			252,000	,	-252,000	-100.0
High- risk excess facilities			25,000		-25,000	-100.0
Total, Maintenance and repair of facilities			277,000	294,000	+17,000	+6.19
Recapitalization						
Infrastructure and safety			253,724	554,643	+300,919	+118.6
Capability based investment Total, Recapitalization			98,800 352,524	112,639 667,282	+13,839 +314,758	+14.0° +89.3°
Total, Operating			1,568,015	1,895,282	+327,267	+20.99
Construction:						
17-D-640, U1a Complex Enhancements Project, NNSS				11,500	+11,500	N/
17-D-630 Electrical Infrastructure						
Upgrades, LLNL				25,000	+25,000	N/
16-D-621 TA-3 substation replacement, LANL			25,000		-25,000	-100.09
16-D-515 Albuquerque complex upgrades project			8,000	15,047	+7,047	+88.19
15-D-613 Emergency Operations Center, Y-12			17,919	2,000	-15,919	-88.89
15-D-302, TA-55 Reinvestment project Phase 3, LANL			18,195	21,455	+3,260	+17.9
			10,100	21,100	10,200	
11-D-801 TA-55 Reinvestment project Phase 2, LANL			3,903		-3,903	-100.0
07-D-220 Radioactive liquid waste treatment facility upgrade project, LANL			11,533		-11,533	-100.09
07-D-220-04 Transuranic liquid waste facility,			40,949	17,053	-23,896	-58.4°
Uranium processing facility (UPF) 06-D-141 PED/Construction, UPF					·	
Y-12, Oak Ridge, TN			289,128	575,000	+285,872	+98.99
06-D-141 - 02 Site preparation, UPF			140,872		-140,872	-100.09
Y-12, Oak Ridge, TN Total, Uranium processing facility (UPF)			430,000	575,000	+145,000	+33.79
Observatory and markell are produced to (OMDR)						
Chemistry and metallurgy replacement (CMRR) 04-D-125 - 04 RLUOB equipment installation			117,000	159,615	+42,615	+36.4

	FY 2015 Enacted	FY 2015 Current	FY 2016 Enacted	FY 2017 Congressional	FY 2017 vs. F	7 vs. FY 2016	
L	Approp.	Approp.	Approp.	Request	\$	%	
04-D-125 - 05 PF -4 equipment installation			38.610		-38,610	-100.0%	
Total, Chemistry & metallurgy replacement(CMRR)			155,610	159,615	+4,005	+2.6%	
Total, Construction			711,109	826,670	+115,561	+16.3%	
Total, Infrastructure and operations			2,279,124	2,721,952	+442,828	+19.4%	
Readiness in technical base and facilities (RTBF) Operating							
Operations of facilities Kansas City Plant	125,000	125,000					
Lawrence Livermore National Laboratory	71,000	71,000					
Los Alamos National Laboratory	198,000	198,000					
Nevada National Security Site	89,000	89,000					
Pantex	75,000	72,353					
Sandia National LaboratorySavannah River Site	106,000 81,000	106,000 81,000					
Y-12 National security complex	•	149,917					
Total, Operations of facilities	896,000	892,270					
Program readiness	68,000	71,892					
Material recycle and recovery	126,000	126,000					
ContainersStorage	26,000 40,800	26,000 40,800					
Maintenance and repair of facilities	227,000	227,000					
Recapitalization	224,600	224,600					
Total, Operating	1,608,400	1,608,562					
Construction: 15-D-613 Emergency Operations Center, Y-12	2,000	2,000					
15-D-301, HE Science & Engineering Facility, PX	11,800	11,800					
15-D-302, TA-55 Reinvestment project Phase 3, LANL	16,062	16,062					
12-D-301 TRU waste facilities, LANL	6,938	6,938					
11-D-801 TA-55 Reinvestment project Phase 2, LANL	10,000	10,000					
07-D-220-04 Transuranic liquid waste facility, LANL	7,500	7,500					
06-D-141 Uranium processing facility Y-12, Oak Ridge, TN	335,000	335,000					
04-D-125 Chemistry and metallurgy research							
facility replacement project, LANL		35,700					
Total, Construction	425,000 2,033,400	425,000					
Secure transportation asset	2,033,400	2,033,562					
Operations and equipment	121,882	122,806	140,000	179,132	+39,132	+28.0%	
Program direction	97,118	97,118	97,118	103,600	+6,482	+6.7%	
Total, Secure transportation asset	219,000	219,924	237,118	282,732	+45,614	+19.2%	
Counterterrorism and Counterproliferation Programs Nuclear counterterrorism incident response	46,093 177,940	46,093 178,190					
Site stewardship							
Environmental projects and operations Nuclear materials integration	48,700 13,300	48,700 13,300					
Minority serving institution partnerships program	14,531	14,531					
Total, Site stewardship	76,531	76,531					
Defense nuclear security Operations and maintenance Security improvements program Construction:	636,123 	636,123 	639,891 30,000	657,133 	+17,242 -30,000	+2.7% -100.0%	
14-D-710 Device assembly facility argus installation project, NV	636,123	636,123	13,000 682,891	13,000 670,133	 -12,758	 -1.9%	

	FY 2015 Enacted	FY 2015 Current	FY 2016 Enacted	FY 2017 Congressional	FY 2017 vs. FY 2016	
	Approp.	Approp.	Approp.	Request	\$	%
Information technology and cybersecurity	179,646	179,646	157,588	176,592	+19,004	+12.1%
Safeguards and security						
Defense nuclear security						
Legacy contractor pensions	307,058	307,058	283,887	248,492	-35,395	-12.5%
Domestic uranium enrichment research,						
development, and demonstration		97,200				
Subtotal, Weapons activities	8,231,770	8,250,249	8,846,948	9,285,147	+438,199	+5.0%
A division and						
Adjustments Use of prior year balances		-18,229				
Subtotal, Weapons activities		8,232,020	8,846,948	9,285,147	+438,199	+5.0%
Rescissions:	0,201,110	0,202,020	3,010,010	3,233,		. 0.0,0
Rescission of prior year balances	45,113	-45,113		-42,000	-42,000	N/A
Rescission of prior year balances (Gen. Prov.)		-6,298				
Subtotal, Rescissions		-51,411		-42,000	-42,000	N/A
Total, Weapons activities	8,180,359	8,180,609	8,846,948	9,243,147	+396,199	+4.5%
Defense Nuclear Nonproliferation						
Defense Nuclear Nonproliferation Programs						
Global material security						
Global material security				337,108	+337,108	N/A
International nuclear security			130,527		-130,527	-100.0%
Radiological security			153,749		-153,749	-100.0%
Nuclear smuggling detection			142,475		-142,475	-100.0%
Total, Global material security			426,751	337,108	-89,643	-21.0%
Material responses and pointing institute						
Material management and minimization Material management and minimization				341,094	+341,094	N/A
HEU reactor conversion			115,000	341,094	-115,000	-100.0%
Nuclear material removal			115,000		-115,000	-100.0%
Material disposition			86,584		-86,584	-100.0%
Total, Material management and minimization			316,584	341,094	+24,510	+7.7%
Nonproliferation and arms control			130,203	124,703	-5,500	-4.2%
Defense Nuclear Nonproliferation R&D	393,401	386,308	419,333	393,922	-25,411	-6.1%
Nonproliferation construction U. S. Construction: 99-D-143 Mixed Oxide (MOX) Fuel Fabrication Facility, SRS			340,000	270,000	-70,000	-20.6%
Total, Nonproliferation construction			340,000	270,000	-70,000	-20.6%
Global threat reduction initiative						
Global threat reduction initiative		2,200				
HEU reactor conversion International nuclear and radiological	119,383	119,383				
material removal and protection	117,737	120,337				
material femoval and protection	117,707	120,001				
Domestic radiological material removal						
and protection		88,632				
Total, Global threat reduction initiative	325,752	330,552				
Nonproliferation and international security	141,359	141,359				
International material protection	270 011	270 607				
and cooperationFissile materials disposition	270,911	270,607				
U.S. surplus materials disposition						
Operations and maintenance						
U.S. plutonium disposition	60,000	60,000				
U.S. uranium disposition		35,000				
Total, Operations and maintenance		95,000				
Construction:						
99-D-143 Mixed oxide fuel fabrication	045 000	0.45.000				
facility, Savannah River, SC		345,000 345,000				
Total, Construction Total, U.S. surplus fissile materials	345,000	J45,UUU				
Total, Fissile materials disposition	430,000	440,000				
Total, Defense Nuclear Nonproliferation Programs		1,568,826	1,632,871	1,466,827	-166,044	-10.2%
					·	
Legacy contractor pensions	102,909	102,909	94,617	83,208	-11,409	-12.1%

	FY 2015 Enacted	FY 2015 Current	FY 2016 Enacted	FY 2017 Congressional	FY 2017 vs.	
Nuclear counterterrorism and incident response	Approp.	Approp.	Approp.	Request	\$	%
program			234,390	271,881	+37,491	+16.0%
Subtotal, Defense Nuclear Nonproliferation		1,671,735	1,961,878	1,821,916	-139,962	-7.1%
Adjustments	, ,	, ,		, ,	•	
Use of prior year balances	22,963	-32,963	-21,576		+21,576	+100.0%
Rescissions:						
Rescission of prior year balances	•	-24,731		-14,000	-14,000	N/A
Rescission of prior year balances (Gen. Prov.)		-1,390				
Total, Rescissions		-26,121		-14,000	-14,000	N/A
Total, Defense Nuclear Nonproliferation	1,615,248	1,612,651	1,940,302	1,807,916	-132,386	-6.8%
Naval Reactors						
Naval reactors operations and infrastructure		390,000	445,196	449,682	+4,486	+1.0%
Naval reactors development		411,180	446,896	437,338	-9,558	-2.1%
Ohio replacement reactor systems development		156,100	186,800	213,700	+26,900	+14.4%
S8G Prototype refueling		126,400	133,000	124,000	-9,000	-6.8%
Program direction	41,500	41,500	42,504	47,100	+4,596	+10.8%
Construction:						
17-D-911, BL Fire System Upgrade				1,400	+1,400	N/A
15-D-904 NRF Overpack Storage Expansion 3	400	400	900	700	-200	-22.2%
15-D-903 KL Fire System Upgrade	600	600	600		-600	-100.0%
15-D-902 KS Engineroom team trainer facility			3,100	33,300	+30,200	+974.2%
14-D-902 KL Materials characterization						
laboratory expansion, KAPL			30,000		-30,000	-100.0%
14-D-901 Spent fuel handling recapitalization						
project, NRF	70,000	70,000	86,000	100,000	+14,000	+16.3%
40 D 005 D						
13-D-905 Remote-handled low-level waste disposal project, INL	14,420	14,420				
disposal project, inc	14,420	14,420				
13-D-904 KS Radiological work and storage						
building, KSO	20,100	20,100				
10-D-903, Security upgrades, KAPL	7,400	7,400	500	12,900	+12,400	+2,480.0%
08-D-190 Expended Core Facility M-290						
receiving/discharge station,						
Naval Reactor Facility, ID	400	400				
Total, Construction		113,320	121,100	148,300	+27,200	+22.5%
Subtotal, Naval Reactors	1,238,500	1,238,500	1,375,496	1,420,120	+44,624	+3.2%
Rescissions:						
Rescission of prior year balances	4,500	-4,500				
Rescission of prior year balances (Gen. Prov.)	160	-160				
Total, Rescissions		-4,660				
Total, Naval Reactors		1,233,840	1,375,496	1,420,120	+44,624	+3.2%
NNSA Federal Salaries And Expenses						
Office of the Administrator						
Rescission of prior year balances (Gen. Prov.) Total, Office of the Administrator		-413 -413				
	-	-				
Federal Salaries and Expenses	270 000	270.000	202 000	440.047	100 454	. 7 004
Program direction		370,000	383,666	412,817	+29,151	+7.6%
Rescission Total, Federal Salaries and Expenses		370,000	-19,900 363,766	412,817	+19,900 +49,051	+100.0% +13.5%
Total, NNSA Federal Salaries And Expenses		369,587	363,766	412,817	+49,051	+13.5%
otal, National Nuclear Security Administration		11,396,687	12,526,512	12,884,000	+357,488	+2.9%
ffice Of Science Office of Science						
Office of Science Advanced scientific computing research	541,000	523,411	621,000	509,180	-111,820	-18.0%
Auvanceu scientili computing lesealch		JZ3,411	U∠ 1,UUU	JUB, 10U	-111,0ZU	-10.0%
Construction:				154.000	+154.000	N/A
				154,000 154,000	+154,000 +154,000	N/A

	FY 2015 Enacted	FY 2015 Current	FY 2016 Enacted	FY 2017 Congressional	FY 2017 vs. F	Y 2016
	Approp.	Approp.	Approp.	Request	\$	%
Basic Energy Sciences Research	1,594,500	1,544,224	1,648,700	1,746,730	+98,030	+5.9%
Construction	1,594,500	1,544,224	1,048,700	1,740,730	+90,030	+ 5.970
13-SC-10 Linac Coherent Light Source-II, SLAC	138,700	138,700	200,300	190,000	-10,300	-5.1%
Total, Construction		138,700	200,300	190,000	-10,300	-5.1%
Total, Basic Energy Sciences	1,733,200	1,682,924	1,849,000	1,936,730	+87,730	+4.7%
Biological and environmental researchFusion energy sciences	592,000	572,618	609,000	661,920	+52,920	+8.7%
ResearchConstruction:	317,500	307,366	323,000	273,178	-49,822	-15.4%
14-SC-60 ITER	150,000	150,000	115,000	125,000	+10,000	+8.7%
Total, Fusion energy sciences		457,366	438,000	398,178	-39,822	-9.1%
High energy physics	700.000	700 000	700.000	700 470		0.40/
ResearchConstruction:	729,000	708,232	728,900	729,476	+576	+0.1%
11-SC-40 Project engineering and design (PED)						
Long baseline neutrino experiment, FNAL	12,000	12,000	26,000	45,021	+19,021	+73.2%
11-SC-41 Muon to electron conversion						
experiment, FNAL		25,000	40,100	43,500	+3,400	+8.5%
Total, High energy physics		37,000 745,232	66,100 795,000	88,521 817 997	+22,421	+33.9% +2.9%
Total, High energy physics	/60,000	745,232	795,000	817,997	+22,997	+2.9%
Nuclear physics Operation and maintenance	489,000	474,244	509,600	535,658	+26,058	+5.1%
Construction:		717,277	505,000	333,030	120,000	13.170
14-SC-50 Facility for rare isotope beams Michigan State University	90,000	90,000	100,000	100,000		
06-SC-01 12 GeV continuous						
electron beam accelerator facility upgrade,						
Thomas Jefferson National	40.500	40.500	7.500		7.500	400.00/
Accelerator Facility Newport News, VA Total, Construction		16,500 106,500	7,500 107,500	100,000	-7,500 -7,500	-100.0% -7.0%
Total, Nuclear physics		580,744	617,100	635,658	+18,558	+3.0%
Workforce development for teachers and scientists	19,500	19,500	19,500	20,925	+1,425	+7.3%
Science laboratories infrastructure						
Infrastructure support						
Payment in lieu of taxes		1,713	1,713	1,764	+51	+3.0%
Oak Ridge landlord		5,777	6,177	6,182	+5	+0.1%
Facilities and infrastructure		6,100	24,800	32,603	+7,803	+31.5%
Oak Ridge nuclear operations Total, Infrastructure support		13,590	12,000 44,690	26,000 66,549	+14,000 +21,859	+116.7% +48.9%
	13,330	13,330	44,030	00,549	+21,009	+40.970
Excess facilities Construction						
17-SC-71 Integrated Engineering Research						
Center, FNAL				2,500	+2,500	N/A
17 SC-73 Core Facility Revitalization (BNL)				1,800	+1,800	N/A
15-SC-78 Integrative genomics building,						
LBNL	12,090	12,090	20,000	19,561	-439	-2.2%
15-SC-77 Photon science laboratory building, SLAC	10,000	10,000	25,000	20,000	-5,000	-20.0%
	10,000	10,000	23,000	20,000	-5,000	-20.070
15-SC-76 Materials design laboratory, ANL	7,000	7,000	23,910	19,590	-4,320	-18.1%
15-SC-75 Infrastructure and operational Improvements, PPPL	25,000	25,000				
12-SC-70 Science and user support	.,					
building, SLAC		11,920	69.010	62.451	 5 450	7.00/
Total, Construction Total, Science Laboratories Infrastructure		66,010 79,600	68,910 113,600	63,451 130,000	-5,459 +16,400	-7.9% +14.4%
Safeguards and security	93,000	93,000	103,000	103,000		

	FY 2015 Enacted	FY 2015 Current	FY 2016 Enacted	FY 2017 Congressional	FY 2017 vs.	FY 2016
	Approp.	Approp.	Approp.	Request	\$	%
Outroop Brown and Harvetter	400 700	100 700	405.000	004.404	. 40. 404	40.50/
Science Program direction	183,700	183,700 132,905	185,000	204,481	+19,481	+10.5%
Subtotal, Science	5,071,000	5,071,000	5,350,200	5,572,069	+221,869	+4.1%
Adjustments:	2,211,222	2,211,222	-,,	-,,		
SBIR/STTR (Other DOE)		65,075				
Subtotal, Science	5,071,000	5,136,075	5,350,200	5,572,069	+221,869	+4.1%
Rescissions:	0.000	0.000	0.000		0.000	400.00/
Rescission of prior year balances (Gen. Prov.) Total, Office Of Science	-3,262 5,067,738	-3,262 5,132,813	-3,200 5,347,000	5,572,069	+3,200 + 225,069	+100.0% +4.2%
Total, Office of Science	3,007,730	3,132,013	3,347,000	3,372,003	+223,003	T4.Z /0
Assistant Secretary For Energy Efficiency And						
Renewable Energy						
Energy Efficiency and Renewable Energy						
Energy Efficiency and Renewable Energy RDD&D Sustainable transportation:						
Vehicle technologies	280,000	272,526	310,000	468,500	+158,500	+51.1%
Bioenergy technologies	225,000	175,915	225,000	278,900	+53,900	+24.0%
Hydrogen and fuel cell technologies	·	94,830	100,950	105,500	+4,550	+4.5%
Total, Sustainable transportation	602,000	543,271	635,950	852,900	+216,950	+34.1%
Renewable energy:						
Solar energy	233,000	230,800	241,600	285,100	+43,500	+18.0%
Wind energy	107,000	105,936	95,450	156,000	+60,550	+63.4%
Water power	61,000	59,999	70,000	80,000	+10,000	+14.3%
Geothermal technologies		54,288	71,000	99,500	+28,500	+40.1%
Total, Renewable energy	456,000	451,023	478,050	620,600	+142,550	+29.8%
Energy efficiency:		4044				4.4.007
Advanced Manufacturing	200,000	194,175	228,500	261,000	+32,500	+14.2%
Federal energy management program Building Technologies	27,000 172,000	27,000 168,153	27,000 200,500	43,000 289,000	+16,000 +88,500	+59.3% +44.1%
Weatherization & intergovernmental program	172,000	100,133	200,300	209,000	+00,300	T44.170
Weatherization assistance program						
Weatherization assistance program	189,600	189,600	211,600	225,000	+13,400	+6.3%
Training and technical assistance	3,000	3,000	3,000	5,000	+2,000	+66.7%
NREL Site-Wide Facility Support	400	400	400		-400	-100.0%
Total, Weatherization assistance program	193,000	193,000	215,000	230,000	+15,000	+7.0%
State energy program				70,000	+70,000	N/A
State energy program grants	50,000	50,000	50,000		-50,000	-100.0%
Cities, counties, & communities energy				26,000	+26,000	N/A
program Total, Weatherization & intergovernmental				20,000	+20,000	IN/A
program	243,000	243,000	265,000	326,000	+61,000	+23.0%
Total, Energy efficiency	642,000	632,328	721,000	919,000	+198,000	+27.5%
Crosscutting Innovation Initiatives				215,000	+215,000	N/A
Crossouting innovation initiatives				210,000	1210,000	14/71
Corporate support:	400.000	400 770	455.000	470.000	45.000	. 40.000
Program direction	160,000	160,750	155,000	170,900	+15,900	+10.3%
Strategic programs Total, Corporate support	21,000 181,000	21,000 181,750	21,000 176,000	28,000 198,900	+7,000 22,900	+33.3% +13.0%
Facilities and infrastructure (NREL O&M) National renewable energy laboratory (NREL)						
Operation and maintenance	56,000	56,000	62,000	92,000	+30,000	+48.4%
Subtotal, Energy Efficiency and Renewable Energy	1,937,000	1,864,372	2,073,000	2,898,400	+825,400	+39.8%
Adjustments:	1,001,000	.,	_,,,,,,,,,	_,,,,,,,,,	,,,,,,,	
Use of prior year balances		-720				
Subtotal, Energy Efficiency and Renewable Energy	1,937,000	1,863,652	2,073,000	2,898,400	+825,400	+39.8%
Rescissions:						
Rescission of prior year balances	-13,065	-13,065				
Rescission of prior year balances (Gen. Prov.)		-9,740	-3,806		+3,806	+100.0%
Total, Rescissions Total, Energy Efficiency And Renewable Energy	-22,805 1,914,195	-22,805 1,840,847	-3,806 2,069,194	2,898,400	+3,806 + 829,206	+100.0% + 40.1%
(Total, Federal Energy Assistance grants, non-add)	(243,000)	(243,000)	(265,000)	(230,000)	1023,200	⊤ 7 0.1/0
(Total, EERE RDD&D, non-add)	, ,	, ,	, ,	, ,		
((1,07 1,100)	(.,551,541)	(1,00 1,104)	(=,555, 100)		

	FY 2015 FY 2015 FY 2016 FY 2017		FY 2017 vs. FY 2016			
	Enacted	Current	Enacted	Congressional		
Office Of Electricity Delivery & Energy Reliability	Approp.	Approp.	Approp.	Request	\$	%
Electricity Delivery & Energy Reliability Clean energy transmission and reliability						
Transmission reliability	. 17,424	16,849	17,000	12,300	-4,700	-27.6%
Advanced modeling grid research		10,297	15,000	12,000	-3,000	-20.0%
Energy systems risk and predictive capability	6,190	6,190	7,000	6,000	-1,000	-14.3%
Total, Clean energy transmission and reliability	. 34,262	33,336	39,000	30,300	-8,700	-22.3%
Smart grid research and development	15,439	14,930	35,000	30,000	-5,000	-14.3%
Cybersecurity for energy delivery systems	. 45,999	44,756	62,000	45,500	-16,500	-26.6%
Energy storage		11,604	20,500	44,500	+24,000	+117.19
Transformer resilience and advanced components			5,000	15,000	+10,000	+200.09
National electricity delivery State Distribution-level Reform Program		6,000	7,500	6,500 15,000	-1,000 +15,000	-13.3% N/
Infrastructure security & energy				13,000	+13,000	IN/
restoration	•	6,000	9,000	17,500	+8,500	+94.49
State energy assurance				15,000	+15,000	N/
Program direction		27,606	28,000	29,000	+1,000	+3.69
Grid InstituteSubtotal, Electricity Delivery & Energy Reliability		144,232	206,000	14,000 262,300	+14,000 +56,300	N/. +27.3°
Rescissions:	147,306	144,232	200,000	262,300	+50,500	+21.37
Rescission of prior year balances (Gen. Prov.)		-331				
otal, Electricity Delivery & Energy Reliability	146,975	143,901	206,000	262,300	+56,300	+27.39
pointant Secretory For Foodil Energy						
ssistant Secretary For Fossil Energy Fossil Energy Research And Development Fossil Energy Research and Development (OLD)						
Coal						
CCS and power systems						
Carbon Capture	•	85,269	101,000		-101,000	-100.0
Carbon Storage	·	96,896	106,000		-106,000	-100.0
Advanced Energy Systems		99,803	105,000		-105,000	-100.09
Cross Cutting Research		47,560 50,000	50,000		-50,000	-100.0° -100.0°
NETL Coal Research and DevelopmentSTEP (Supercritical CO2)		50,000 9,690	53,000 15,000		-53,000 -15,000	-100.09
Total, CCS and Power Systems	400,000	389,218	430,000		-430,000	-100.09
Total, Coal		389,218	430,000		-430,000	-100.09
Natural Gas Technologies	. 25,121	24,341	43,000		-43,000	-100.09
Unconventional Fossil Energy Technologies from Petroleum - Oil technologies	4,500	4,360	20,321		-20,321	-100.09
Program Direction		119,000	114,202		-114,202	-100.09
Plant and Capital Equipment		15,782	15,782		-15,782	-100.09
Fossil Energy Environmental Restoration	·	5,897	7,995		-7,995	-100.09
Special Recruitment Programs		700	700		-700	-100.09
Subtotal, Fossil Energy Research and Development	571,000	559,298	632,000		-632,000	-100.09
Rescissions: Rescission of prior year balances (Gen. Prov.)	10,413	-10,413				
Total, Fossil Energy Research and Development(OLD)		548,885	632,000		-632,000	-100.0
Fossil Energy Research and Development (NEW)						
CCS and Advanced Power Systems				. —	. 	_
Carbon Capture				170,352	+170,352	N/
Carbon Storage				90,875	+90,875	N/
Advanced Energy Systems				47,800 50.350	+47,800	N/.
Crosscutting Research and Analysis Total, CCS and Advanced Power Systems				59,350 368,377	+59,350 +368,377	N/.
Fuel Supply Impact Mitigation				26,500	+26,500	N/
NETL Research and Operations				76,070	+76,070	N/
NETL Infrastructure				68,055	+68,055	N/
Program Direction				60,998	+60,998	N/.
Subtotal, Fossil Energy Research and Development				600,000	+600,000	N/
Use of prior year balances				-240,000	-240,000	N/
Total, Fossil Energy R & D (NEW)		548,885	632,000	360,000 360,000	+360,000	-43.0°
Clean Coal Technology	·	2.0,000	202,000	230,000	,550	.0.0
Rescission of prior year balances	-6,600	-2,876				
Petroleum Reserves: Naval Petroleum & Oil Shale Reserves 1/	40.050	20.040	47.500	44.050	0.550	44.00
Naval petroleum & oil shale reserves	. 19,950	20,640	17,500	14,950	-2,550	-14.6%

	FY 2015 Enacted	FY 2015 Current	FY 2016 Enacted	FY 2017 Congressional	FY 2017 v	s. FY 2016
	Approp.	Approp.	Approp.	Request	\$	%
Elk Hills School Lands Fund California teachers' pension fund payment	15,580	15,580				
Strategic petroleum reserve	200,000	200,000	212,000	257,000	+45,000	+21.2%
Northeast Home Heating Oil Reserve						
Northeast Home heating oil reserve	7,600	7,600	7,600	10,500	+2,900	+38.2%
Use of prior year balances				-4,000	-4,000	N/A
Rescissions	-6,000	-6,000				
Total, Northeast Home Heating Oil Reserve	1,600	1,600	7,600	6,500	-1,100	-14.5%
Total, Petroleum Reserves	237,130	237,820	237,100	278,450	+41,350	+17.4%
Total, Fossil Energy	791,117	783,829	869,100	638,450	-230,650	-26.5%

^{1/} NPR includes new BA and proceeds from NPR 3 asset sale. These proceeds available during FY 15 for purchase of replacement property. Any unused proceeds returned to Treasury as miscellaneous receipts.

Office	Of	Nuclear	Energy
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ffice Of Nuclear Energy Nuclear Energy						
Research and Development						
Integrated University Program	5,000	5,000	5,000		-5,000	-100.0%
Step R&D	5,000	4,835	5,000		-5,000	-100.0%
SMR licensing technical support	54,500	54,500	62,500	89,600	+27,100	+43.4%
Nuclear Energy Enabling Technologies	101,000	97,666	111,600	89,510	-22,090	-19.8%
Reactor Concepts RD&D	133,000	128,611	141,718	108,760	-32,958	-23.3%
Fuel cycle research and development	.00,000	.20,0	, ,	100,100	02,000	20.070
Material recovery and waste form development						
Material recovery and waste form						
development (270)	35,300	33,165	32,950	23,300	-9,650	-29.3%
ССТОР (— С)	33,333	33,.33	02,000	_0,000	0,000	_0.070
Advanced fuels	60,100	58,070	62,100	59,000	-3,100	-5.0%
Systems analysis and integration	16,900	17,380	10,500	5,000	-5,500	-52.4%
Materials protection, accounting and	. 0,000	,000	. 0,000	0,000	0,000	0=,0
control technology	7,600	7,142	8,050	7,000	-1,050	-13.0%
Used nuclear fuel disposition	.,500	.,	5,555	.,000	.,555	.3.070
Used nuclear fuel disposition R&D (270)	49,000	47,724	62,500	74,338	+11,838	+18.9%
Integrated Waste Management System	10,000	17,721	02,000	7 1,000		1 10.070
Storage and Transportation						
Storage and Transportation (270)	18,000	18,000	22,500	36,900	+14,400	+64.0%
Clorage and Transportation (270)	10,000	10,000	22,000	00,000	114,400	104.070
Consent Based Siting						
Consent Based Siting (270)				24,140	+24,140	N/A
Consent Based Siting(050)				15,260	+15,260	N/A
Total, Consent Based Siting				39,400	+39,400	N/A
Total, Integrated Waste Management System	18,000	18,000	22,500	76,300	+53,800	+239.1%
Used nuclear fuel disposition R&D (050)	4,500	4,500				
Total, Used nuclear fuel disposition	71,500	70,224	85,000	150,638	+65,638	+77.2%
Fuel resources	5,600	5,261	5,200	5,000	-200	-3.8%
Total, Fuel cycle research and development	197,000	191,242	203,800	249,938	+46,138	+22.6%
International nuclear energy cooperation	3,000	3,000	3,000	4,500	+1,500	+50.0%
Total, Research and Development	498,500	484,854	532,618	542,308	+9,690	+1.8%
Radiological facilities management						
Space and defense infrastructure	20,000	20,000	18,000		-18,000	-100.0%
Research reactor infrastructure	5,000	20,000 5,000	6,800	7,000	+200	+2.9%
Total, Radiological facilities management	25,000	25,000	24,800	7,000	-17,800	-71.8%
rotal, readiological facilities management	23,000	23,000	24,000	7,000	-17,000	-71.070
Idaho facilities management						
Idaho operations and maintenance	200,631	200,631	220,582	220,585	+3	+0.0%
Construction:	,	,	- ,	- ,	- -	3.2.0
16-E-200 Sample preparation laboratory			2,000	6,000	+4,000	+200.0%
13-D-905 RHLLW disposal project	5,369	5,369				
Total, Idaho facilities management	206,000	206,000	222,582	226,585	+4,003	+1.8%
•	·			·	·	
Idaho sitewide safeguards and security	104,000	104,000	126,161	129,303	+3,142	+2.5%

	FY 2015	FY 2015	FY 2016	FY 2017	FY 2017 vs. F	
	Enacted	Current	Enacted	Congressional		%
Program direction	Approp. 80,000	Approp. 80,000	Approp. 80,000	Request 88,700	\$ +8,700	<u>%</u> +10.9%
Subtotal, Nuclear Energy		899,854	986,161	993,896	+7,735	+0.8%
Adjustments:	·	·	,	•		
Transfer from Department of State		2,150				
Subtotal, Nuclear Energy	913,500	902,004	986,161	993,896	+7,735	+0.8%
Rescissions: Rescission of prior year balances	-80,000	-80,000				
Rescission of prior year balances (Gen. Prov.)		-80,000				
Total, Rescissions		-80,121				
Total, Nuclear Energy	833,379	821,883	986,161	993,896	+7,735	+0.8%
Total, Nuclear Energy	833,379	821,883	986,161	993,896	+7,735	+0.8%
D ((050) ()	(400 500)	(400 500)	(100 101)	(454 070)		
Defense (050) function(non-add)	,	(108,500)	(126,161)	(151,876)		
Energy (270) function(non-add)	(724,879)	(713,383)	(860,000)	(842,020)		
Office Of Indian Energy Policy & Programs						
Departmental Administration						
Office of Indian energy policy and programs	16,000	16,000	16,000		-16,000	-100.0%
Office of Indian France						
Office of Indian Energy				4,800	+4,800	N/A
Program direction Tribal energy program				4,800 18,130	+4,800 +18,130	N/A N/A
Total, Office of Indian Energy				22,930	+22,930	N/A
Total, Indian Energy Policy & Programs		16,000	16,000	22,930	+6,930	+43.3%
Office Of Technology Transitions				0.400	. 0. 400	N1/A
Office of Technology Transitions	······			8,400	+8,400	N/A
Advanced Research Projects Agency - Energy						
Advanced Research Projects Agency - Energy						
(previously Energy Transformation Acceleration Fund)						
ARPA-E projects	·	252,000	261,750	318,000	+56,250	+21.5%
Program directionSubtotal, Advanced Research Projects Agency - Energy		28,000 280,000	29,250 291,000	32,000 350,000	+2,750 +59,000	+9.4% +20.3%
Rescissions:	200,000	200,000	291,000	330,000	+39,000	T20.370
Rescission of prior year balances (Gen. Prov.)	18	-18				
Total, Rescissions	18	-18				
Total, Advanced Research Projects Agency - Energy	279,982	279,982	291,000	350,000	+59,000	+20.3%
Energy Information Administration						
National energy information system	117,000	117,000	122,000	131,125	+9,125	+7.5%
Total, Energy Information Administration		117,000	122,000	131,125	+9,125	+7.5%
Title 17 - Innovative Technology Loan Guarantee Program						
Administrative expenses	42,000	42,000	42,000	37,000	-5,000	-11.9%
Offsetting collections		-25,000	-25,000	-27,000	-2,000	-8.0%
Total, Title 17 - Innovative Technology						
Loan Guarantee Program	17,000	17,000	17,000	10,000	-7,000	-41.2%
Advanced Technology Vehicles Manufacturing						
Loan Program						
Administrative expenses	4,000	4,000	6,000	5,000	-1,000	-16.7%
Total, Advanced Technology Vehicles			·			
Manufacturing Loan Program	4,000	4,000	6,000	5,000	-1,000	-16.7%
Assistant Secretary For Environmental Management						
Non-Defense Environmental Cleanup Fast flux test reactor facility (WA)	2,562	2,562	2,562	2,240	-322	-12.6%
Gaseous diffusion plants		102,403	104,403	101,304	-3,099	-3.0%
	,		. 5 ., 100		-,000	2.070
Small sites:						
Small sites	70,049	72,079	87,522	53,243	-34,279	-39.2%
Construction:	40.000	40.000				
15-D-410 Ft. St. Vrain security upgradesSubtotal, Small sites		10,000 82,079	87,522	53,243	-34,279	-39.2%
Gubiolai, Omaii Siles	60,049	02,079	01,022	J3,243	-J -1 ,∠13	-33.270

Margin principle Margin		FY 2015 Enacted	FY 2015 Current	FY 2016 Enacted	FY 2017 Congressional	FY 2017 vs. FY 2016		
Veset Valley communication improef 1.5		Approp.	Approp.	Approp.	_	\$	%	
Veset Valley communication improef 1.5	Mercury storage facility			1 300		-1 300	-100.0%	
Total, Non-befense Environmental Cleanup Defense Environmental Cleanup Cocurs since Rever control and other cleanup operations: River control and other cleanup operations: Central plateau remediation: Central plateau remediation: Central plateau remediation: Control plateau remediation: Control plateau remediation: 157-047 Continuition: 157-047 Containation: 157	, ,			1,000		.,000	100.070	
Defense Environmental Cleanup Closure sites:			· · · · · · · · · · · · · · · · · · ·	·				
Closure sites derimistration. 4,880 4,880 4,880 3,380 44,500 42,00 1	Total, Non-Defense Environmental Cleanup	246,000	246,030	255,000	218,400	-36,600	-14.4%	
Column Section Secti								
Hardroat site River corrisor and other cleanup operations: River corrisor and other cleanup operations: 377,788 377,788 270,710 59,755 200,955 74.2%		4.000	4.000	4 000	0.000	4.500	. 00. 00/	
River contrider and other cleanup operations 377,788 377,788 270,710 69,755 -200,955 -74,2%		4,889	4,889	4,889	9,389	+4,500	+92.0%	
Central plateau remediation: 497,456 497								
Richiand community and regulatory support. 19,701 19,701 19,701 14,701 5,000 26,5% 11,8% 19,701 19,701 14,701 5,000 26,5%	·	377,788	377,788	270,710	69,755	-200,955	-74.2%	
Richland community and regulatory support 19,701 19,701 19,701 14,701 5,000 25,4%	Central plateau remediation:							
Construction 15-0-401 Containerized sludge removal annex, RL.	Central plateau remediation	497,456	497,456	555,163	620,869	+65,706	+11.8%	
150-401 Containerized sludger emoval	Richland community and regulatory support	19,701	19,701	19,701	14,701	-5,000	-25.4%	
Act								
Total, Harford site. 941,000 941,000 922,590 716,811 205,779 22,23% Idaho National Laboratory: Idaho cleanup and waste disposition. 377,293 377,293 393,000 359,088 -33,912 -8,8% Idaho community and regulatory support. 2,910 2,910 3,000 3,000 3,000 3,000 -8,85% Los Alamos National Laboratory 2,910 2,910 2,910 3,000 3,000 3,000 3,000 3,000 -8,85% Los Alamos National Laboratory 2,910 2,910 3,000	<u> </u>							
Idaho National Laboratory:					•	•		
Idaho cleanup and waste disposition 377,293 393,000 359,088 33,912 46.8% Idaho Camunity and regulatory support. 2.910 2.910 3,000 362,088 33,912 46.8% Idaho National Laboratory 380,203 380,203 380,003 386,000 362,088 33,912 46.8% Idaho National Laboratory 380,203 380,203 380,003 380,003 362,088 33,912 46.8% Idaho National Laboratory 380,203 380,203 380,003 380,003 380,003 362,088 33,912 46.8% Idaho National Laboratory 380,203 380,203 380,003 380,	Total, Hantord Site	941,000	941,000	922,590	716,811	-205,779	-22.3%	
Idaho community and regulatory support. 2,910 2,910 3,000 3,000 3,000	•			_				
Total, Idaho National Laboratory			•	,	,	-33,912	-8.6%	
EMLA cleanup activities				•	· · · · · · · · · · · · · · · · · · ·		-8 6%	
EMA. cleanup activities. — — — 18,606 418,506 NA EMI. A community and regulatory support. — — — — 189,000 +189,000 N/A NNSA sites and Nevada off-sites — — — — 1,366 1,366 1,366 1,366 +30 +2.2% Nuclear facility D & D Separations Process Research Unit. — — — 3,685 +3,685 N/A Nevada 64.851 64.851 62,395 62,176 -209 -0.3% Sandia National Laboratory 185,000 185,000 185,000 - -185,000 +65.2% Los Alamos National Laboratory 185,000 185,000 185,000 - -185,000 -100,0% Construction: — <td>Total, Idano National Laboratory</td> <td> 360,203</td> <td>300,203</td> <td>390,000</td> <td>302,000</td> <td>-33,912</td> <td>-0.0 /0</td>	Total, Idano National Laboratory	360,203	300,203	390,000	302,000	-33,912	-0.0 /0	
EMILA community and regulatory support	·							
Total, Los Alamos National Laboratory. NNSA sites and Nevada of f-sites Lawrence Livermore National Laboratory(Defense). Lawrence Livermore National Laboratory(Defense). Separations Process Research Unit. Separations Process Research Unit. Nevada. 64.851 64.851 62.385 62.776 -209 -0.3% Sandia National Laboratories. 2.801 2.801 2.500 4.130 +1.630 +65.2% Los Alamos National Laboratory Los Alamos National Laboratory Los Alamos National Laboratory 185,000 185,000 185,000	·				•	•		
NNSA sites and Nevada off-sites Lawrence Livermore National Laboratory(Defense). 1,366					•			
Lawrence Livermore National Laboratory (Defense) 1,366 1,366 1,366 1,366 1,366 1,366 1,368 1,306 1	Total, Los Alamos National Laboratory				109,000	+109,000	IN/A	
Nuclear facility D & D Separations Process Research Unit		4.000	4.000	4 000	4.000	0.0	0.00/	
Separations Process Research Unit.			1,366	1,366	1,396	+30	+2.2%	
Sandia National Laboratories. 2,801 2,801 2,500 4,130 +1,630 +65.2%					3,685	+3,685	N/A	
Los Alamos National Laboratory	Nevada	64,851	64,851	62,385	62,176	-209	-0.3%	
Los Alamos National Laboratory. 185,000 185,000 185,000 -185,000 -100.0% Construction: 15-D-406 Hexavalent chromium D & D (VI-LanI-0030) 4,600 4,600	Sandia National Laboratories	2,801	2,801	2,500	4,130	+1,630	+65.2%	
Construction: 15-D-406 Hexavalent chromium D & D (VI-Lani-0030)	•							
15-D-406 Hexavalent chromium D & D (VI-Lani-O30)	·	185,000	185,000	185,000		-185,000	-100.0%	
VI-Lanl-0030								
Total, Los Alamos National Laboratory. 189,600 189,600 185,000 -185,000 -100,0%		4,600	4,600					
Oak Ridge Reservation: OR cleanup and disposition 131,930 131,930 74,597 54,557 -20,040 -26,9% Construction: 15-D-405 - Sludge Buildout. 4,200 4,200			<u> </u>	185,000		-185,000	-100.0%	
OR cleanup and disposition OR cleanup and disposition	Total, NNSA sites and Nevada off-sites	258,618	258,618	251,251	71,387	-179,864	-71.6%	
OR cleanup and disposition 131,930 131,930 74,597 54,557 -20,040 -26.9% Construction: 15-D-405 - Sludge Buildout. 4,200 4,200	Oak Ridge Reservation:							
Construction: 15-D-405 - Sludge Buildout	•							
15-D-405 - Sludge Buildout	·	131,930	131,930	74,597	54,557	-20,040	-26.9%	
Total, OR cleanup and disposition		4 200	4 200					
Solid waste stabilization and disposition Oak Ridge technology development. 2,800 3,000 +200 +7.1% OR community & regulatory support. 4,365 4,365 4,400 4,400 OR Nuclear facility D & D 73,155 73,155 111,958 93,851 -18,107 -16.2% Construction 14-D-403 Outfall 200 Mercury Treatment 9,400 9,400 9,400 5,100 -4,300 -45.7% Total, OR Nuclear facility D & D 82,555 82,555 121,358 98,951 -22,407 -18.5% U233 Disposition Program 35,895 37,311 +1,416 +3.9% Total, Oak Ridge Reservation 223,050 223,050 239,050 198,219 -40,831 -17.1% Office of River Protection: Waste treatment & immobilization plant WTP operations 3,000 690,000 01-D-416 A-D/ORP-0060 / Major construct 667,000 667,000 690,000 690,000 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-26.9%</td>							-26.9%	
Oak Ridge technology development		,	,	•	ŕ	,		
OR community & regulatory support	·			2 900	2 000	1300	.7 10/	
OR Nuclear facility D & D OR Nuclear facility D & D	e e			•	•	+200	+7.170	
OR Nuclear facility D & D. 73,155 73,155 111,958 93,851 -18,107 -16.2% Construction 14-D-403 Outfall 200 Mercury Treatment 9,400 9,400 9,400 5,100 -4,300 -45.7% Total, OR Nuclear facility D & D. 82,555 82,555 121,358 98,951 -22,407 -18.5% U233 Disposition Program. 35,895 37,311 +1,416 +3.9% Total, Oak Ridge Reservation. 223,050 223,050 239,050 198,219 -40,831 -17.1% Office of River Protection: Waste treatment & immobilization plant 3,000 +3,000 N/A 01-D-416 A-D/ORP-0060 / Major construct. 667,000 667,000 690,000 690,000		1,000	1,000	1, 100	1, 100			
14-D-403 Outfall 200 Mercury Treatment 9,400 9,400 9,400 5,100 -4,300 -45.7% Total, OR Nuclear facility D & D. 82,555 82,555 121,358 98,951 -22,407 -18.5% U233 Disposition Program. 35,895 37,311 +1,416 +3.9% Total, Oak Ridge Reservation. 223,050 223,050 239,050 198,219 -40,831 -17.1% Office of River Protection: Waste treatment & immobilization plant 3,000 +3,000 N/A 01-D-416 A-D/ORP-0060 / Major construct. 667,000 667,000 690,000 690,000	·		73,155	111,958	93,851	-18,107	-16.2%	
Facility								
Total, OR Nuclear facility D & D. 82,555 82,555 121,358 98,951 -22,407 -18.5% U233 Disposition Program. 35,895 37,311 +1,416 +3.9% Total, Oak Ridge Reservation. 223,050 223,050 239,050 198,219 -40,831 -17.1% Office of River Protection: Waste treatment & immobilization plant 3,000 +3,000 N/A 01-D-416 A-D/ORP-0060 / Major construct. 667,000 667,000 690,000 690,000	· · · · · · · · · · · · · · · · · · ·	9.400	9.400	9.400	5 100	-4 300	-45 7%	
Total, Oak Ridge Reservation	•			•	•			
Total, Oak Ridge Reservation	LI222 Diagosition Program			25.005	27 244	.4 440	. 0. 00/	
Office of River Protection: Waste treatment & immobilization plant WTP operations	· ·			· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		
Waste treatment & immobilization plant 3,000 +3,000 N/A 01-D-416 A-D/ORP-0060 / Major construct 667,000 667,000 690,000 690,000	. 5.3., 53go 1.000. valion		220,000	200,000	100,210	10,001	17.170	
WTP operations								
01-D-416 A-D/ORP-0060 / Major construct	·				3 000	∓3 000	NI/A	
				690.000		+3,000		
			•	· · · · · · · · · · · · · · · · · · ·	·	+3,000		

Tank farm activities Rair liqued tank woster stabilization Rair liqued tank woster stabilization Construction: 150-400 Low activity wrate pretreatment system, ORP. 23,000 523,000 773,000 734,365 770,456 Total, Total rank mactivities. 545,000 565,000 774,000 784,365 770,456 Total, Total rank mactivities. 545,000 565,000 774,000 784,365 770,456 Total, Total rank mactivities. 545,000 565,000 774,000 784,365 770,456 Total, Total rank mactivities. 545,000 575,000 784,365 770,456 Total, Total rank mactivities. 545,000 780,000 784,365 770,456 Total, Officer of River protection. 397,976 397,976 413,852 — 413,852 Savarana River State in Management operations. 397,976 397,976 413,852 — 311,062 Total, Nacional Material Management. — 311,000 31		FY 2015 Enacted	FY 2015 Current	FY 2016 Enacted	FY 2017 Congressional	FY 2017 vs. I	FY 2016
Real city city and regulators 1,000 1,00					_	\$	%
Rad Equal tank waste stabilization and disposition							
Section Sect							
Construction: 15-D-40 Low activity waste proteodiment 15-D-40 Low activity waste state 15-D-40 Low activity waste proteodiment 15-D-40 Low activity waste 1	·	522.000	522.000	649.000	721.456	+72.456	+11.2%
System, ORP.		J,JJJ	,···	2 . 2 , 2 . 2	,	-, · · · ·	
Tools, Tank farm activatives. 545,000 545,000 724,000 734,456 470,456 1704,000 1,467,456 470,456 1704,000 1,467,456 470,456 1704,000 1,467,456 470,456 1704,000 1,467,456 470,456 1704,000 1,467,456 470,456 1704,000 1,467,456 470,456 1704,000 1,467,456 1,467,456 1,470,456 1	15-D-409 Low activity waste pretreatment						
Total, Office of River protection			· · · · · · · · · · · · · · · · · · ·				-2.7%
Savannah River fisk management operations 397,976 397,976 413,652						· · · · · · · · · · · · · · · · · · ·	+9.7%
Samman River risk management operations. 397,976 397,976 413,652 413,	tal, Office of River protection	1,212,000	1,212,000	1,414,000	1,487,456	+73,456	+5.2%
Nuclear Material Management: Nuclear Material Management. Environmental Cleanup Environmental Clean							
Nuclear Material Management.	Savannah River risk management operations	397,976	397,976	413,652		-413,652	-100.0%
Total, Nuclear Material Management					044.000	.044.000	N 1/A
Environmental Cleanup.							N/A N/A
Emitornmental Claanup.	Environmental Cleanum						
Radioactive liquid tank waste stabilization and disposition. 547,318 547,318 554,878 645,332 +99,454	•				152,504	+152,504	N/A
Radioactive liquid tank waste stabilization and disposition	SR community and regulatory support	11,013	11,013	11,249	11,249		
Section	Radioactive liquid tank waste	,,,,,	,	, =	, 15		
15-D-402 - Saltstone Disposal Unit #6, SRS. 30,000 30,000 34,642 7,677 -27,065 15-D-404 - Saltstone Disposal Unit #7.		547,318	547,318	554,878	645,332	+90,454	+16.3%
16-D-402 - Saltstone Disposal Unit #6, SRS	Construction						
05-D-405 Salt waste processing facility, Savannah River Site. 135,000 194,000 160,000 -34,000 Savannah River Site. 165,000 165,000 228,842 177,306 -51,336 Total, Construction. 165,000 165,000 228,842 177,306 -51,336 Total, Construction. 1,121,307 1,121,307 1,208,421 1,297,463 +89,032 Waste Isolation Pilot Plant 0 0 269,260 257,188 -12,072 Construction: 15-D-411 Safety significant confinement ventilation system, WIPP. 12,000 12,000 23,218 2,532 -20,866 15-D-412 Exhaust shaft, WIPP. 4,000 4,000 7,500 2,533 4,967 Total, Construction. 16,000 16,000 30,718 5,065 -25,563 Total, Waste Isolation Pilot Plant. 320,000 230,000 29,978 225,225 -37,725 Program direction. 280,784 280,784 281,951 290,050 48,099 +9,093 14,979 14,979 14,979 14,979 14,979<		30,000	30,000	34,642	7,577	-27,065	-78.1%
Savannah River Site.	15-D-404 - Saltstone Disposal Unit #7				9,729	+9,729	N/A
Savannah River Site.	05-D-405 Salt waste processing facility,						
Total, Construction		135,000	135,000	194,000	160,000	-34,000	-17.5%
Total, Savannah River Site		165,000	165,000	228,642	177,306	-51,336	-22.5%
Waste Isolation Pilot Plant 304,000 304,000 269,260 257,188 -12,072 Construction: 15-D-411 Safety significant confinement ventilation system, WIPP. 12,000 12,000 23,218 2,532 -20,686 15-D-412 Exhaust shaft, WIPP. 4,000 4,000 7,500 2,533 -4,967 Total, Construction. 16,000 16,000 30,718 5,065 -25,653 Total, Waste Isolation Pilot Plant. 320,000 320,000 299,978 262,253 -37,725 Program direction. 280,784 280,784 281,951 290,050 +8,099 Program support. 14,979 14,979 14,979 14,979	otal, Radioactive liquid tank waste	712,318	712,318	783,520	822,638	+39,118	+5.0%
Operations and maintenance	tal, Savannah River Site	1,121,307	1,121,307	1,208,421	1,297,453	+89,032	+7.4%
Construction: 15-D-411 Safety significant confinement ventilation system, WIPP.							
15-D-411 Safety significant confinement ventilation system, WIPP. 12,000 12,000 12,000 23,218 2,532 -20,686 15-D-412 Exhaust shaft, WIPP. 4,000 16,000 30,718 5,065 -25,653 Total, Construction. 16,000 16,000 30,718 5,065 -25,653 Total, Waste Isolation Pilot Plant. 320,000 320,000 299,978 262,253 -37,725 Program direction. 280,784 280,784 281,951 290,050 +8,099 Program support. 14,979	•	304,000	304,000	269,260	257,188	-12,072	-4.5%
ventilation system, WIPP. 12,000 12,000 23,218 2,532 -20,686 15-D-412 Exhaust shaft, WIPP. 4,000 4,000 7,500 2,533 -4,967 Total, Construction. 16,000 16,000 30,718 5,065 -25,653 Total, Waste Isolation Pilot Plant. 320,000 320,000 299,978 262,253 -37,725 Program direction. 280,784 280,784 281,951 290,050 +8,099 Program support. 14,979							
Total, Construction	· ·	12,000	12,000	23,218	2,532	-20,686	-89.1%
Total, Construction	15-D-412 Exhaust shaft WIPP	4 000	4 000	7 500	2 533	-4 967	-66.2%
Total, Waste Isolation Pilot Plant. 320,000 320,000 299,978 262,253 -37,725 Program direction. 280,784 280,784 281,951 290,050 +8,099 Program support. 14,979 14,979 14,979 14,979 14,979 Safeguards and Security. 240,000 240,000 236,633 255,973 +19,340 Technology development. 14,000 13,538 20,000 30,000 +10,000 Infrastructure recapitalization. 41,892 +41,892 Defense Uranium enrichment D&D. 155,100 +155,100 Rescissions: Rescission of prior year balances. -10,830 5,010,368 5,289,742 5,382,050 +92,308 Rescission of prior year balances (Gen. Prov.) -9,830 <	·				· · · · · · · · · · · · · · · · · · ·		-83.5%
Program support. 14,979 14,979 14,979 14,979 14,979	· · · · · · · · · · · · · · · · · · ·		·	,	,	,	-12.6%
Safeguards and Security 240,000 240,000 236,633 255,973 +19,340 Technology development 14,000 13,538 20,000 30,000 +10,000 Infrastructure recapitalization 41,892 +41,892 Defense Uranium enrichment D&D 155,100 +155,100 Subtotal, Defense environmental cleanup 5,010,830 5,010,368 5,289,742 5,382,050 +92,308 Rescissions: Rescission of prior year balances -10,830 -10,830 Rescission of prior year balances (Gen. Prov.) 9,983 -9,983 Subtotal, Rescissions. -20,813 -20,813 Subtotal, Defense Environmental Cleanup. 4,990,017 4,989,555 5,289,742 5,382,050 +92,308 Irranium Enrichment Decontamination and Veccommissioning Fund Oak Ridge. 167,898 170,067 194,673 -194,673 Paducah 198,729 198,729 198,729 -198,729 Construction 15-U-407 On-site waste disposal	ogram direction	280,784	280,784	281,951	290,050	+8,099	+2.9%
Technology development	ogram support	14,979	14,979	14,979	14,979		
Infrastructure recapitalization	feguards and Security	240,000	240,000	236,633	255,973	+19,340	+8.2%
Defense Uranium enrichment D&D	-	14,000	13,538	20,000	,		+50.0%
Subtotal, Defense environmental cleanup					·	•	N/A
Rescissions: -10,830 -10,830 -10,830	·						N/A
Rescission of prior year balances	·	5,010,830	5,010,368	5,289,742	5,382,050	+92,308	+1.7%
Rescission of prior year balances (Gen. Prov.) -9,983 -9,983		-10 830	-10 830				
Subtotal, Rescissions	· · ·	•	·				
Total, Defense Environmental Cleanup			•				
Decommissioning Fund 167,898 170,067 194,673 -194,673 Paducah 198,729 198,729 198,729 -198,729 Construction 15-U-407 On-site waste disposal facility 8,486 8,486 16-U-401 Swmu 5&6, Paducah (PA-0040) 1,196 -1,196				5,289,742	5,382,050	+92,308	+1.7%
Oak Ridge	ium Enrichment Decontamination and						
Paducah 198,729 198,729 198,729 -198,729 Construction 15-U-407 On-site waste disposal facility 8,486 8,486 16-U-401 Swmu 5&6, 1,196 -1,196	<u> </u>						
Paducah	<u> </u>	167,898	170,067	194,673		-194,673	-100.0%
Construction 15-U-407 On-site waste disposal facility Paducah (PA-0040)		400 ====	100 ===	400 ====		100 705	400.55
15-U-407 On-site waste disposal facility Paducah (PA-0040)		198,729	198,729	198,729		-198,729	-100.0%
Paducah (PA-0040)							
Paducah (PA-0040)1,1961,196	·	8,486	8,486				
Paducah (PA-0040)1,1961,196	16-U-401 Swmu 5&6.						
				1,196		-1,196	-100.0%
Total, Paducah	tal, Paducah	207,215	207,215	199,925		-199,925	-100.0%

Portsmouth		FY 2015 Enacted	FY 2015 Current	FY 2016 Enacted	FY 2017 Congressional	FY 2017 vs. l	FY 2016
Potsmouth Construction 100,006		Approp.	Approp.	Approp.	Request	\$	%
Contractaction 15-14-00 15-		000 =04		000 44=		000 44=	100.00/
19-U-405 On-site vaste disposal facility 24,500			209,524	203,417		-203,417	-100.0%
Postmouth (PO-0040)							
Total Personant Personant	· · · · · · · · · · · · · · · · · · ·	4 500	4 500	21 7/10		-21 7/10	-100.0%
Pension and community and regulatory support Case Ridge				,		•	
Dank Ridge		211,021	2,02.	220,100		220,100	1001070
Paduah. 2.375 2.375 2.375 - 2.375 100.0%	, , , , ,						
Postsmodification and community's regulatory support. 25,888 23,884 21,028 27,026 100,008 Title X utrarium/thorium reimbursement program. 10,000 10,000 32,959 23,959 100,009 Title X utrarium/thorium reimbursement program. 10,000 02,2500 073,749	<u> </u>	•	,	•		•	
Total, Penetion and community's regulatory support. Title X uranlum/shorum reinhoursment program. 10,000 10,000 32,999 32,899 100,006 100,007 100,000 100,009 473,749 673,749 673,749 100,006 100,000 10		•	·	•		•	
Title X varaium/thorium reimbursement program. 10,000 10,000 32,959 32,959 100,00% .						•	
Total, Unrium Enrichment D&D Fund. 025,000 625,000 673,749	Total, Ferision and community a regulatory support	25,003	23,094	21,020		-21,020	-100.0%
Total, Unrium Enrichment D&D Fund. 025,000 625,000 673,749	Title X uranium/thorium reimbursement program	10,000	10,000	32,959		-32,959	-100.0%
Transfer payment from Defense ER&WM			625,000	673,749		-673,749	-100.0%
Transfer payment from Defense ER&WM							
Delense EM Funded Uranium Enrichment D8D Fund Contribution		400,000	400,000		455 400	455 400	N1/A
Uranium Enrichment D&D Fund 1843.000 483.000 1843.000 18	Transfer payment from Defense ER&WM	463,000	-463,000		-155,100	-155,100	N/A
Uranium Enrichment D&D Fund 1843.000 483.000 1843.000 18	Defense EM Funded						
Total, Environmental Management. 5,861,017 5,860,585 6,218,491 5,445,350 -773,141 -12,4%							
Office Of Legacy Management Citizen City Ci	Uranium Enrichment D&D Fund Contribution						
Differ Defense Activities Legacy management. 188,639 158,639 154,080 140,306 13,774 4,9 % Program direction. 13,341 13,341 13,100 14,014 4914 47,0 % Subtotal, Chror Defense Activities. 171,980 171,980 167,180 154,320 12,860 7.7 % Rescissions 171,980 171,980 171,980 167,180 154,320 12,860 7.7 % Rescission of prior year balances. -188 -169	Total, Environmental Management	5,861,017	5,860,585	6,218,491	5,445,350	-773,141	-12.4%
Differ Defense Activities Legacy management. 188,639 158,639 154,080 140,306 13,774 4,9 % Program direction. 13,341 13,341 13,100 14,014 4914 47,0 % Subtotal, Chror Defense Activities. 171,980 171,980 167,180 154,320 12,860 7.7 % Rescissions 171,980 171,980 171,980 167,180 154,320 12,860 7.7 % Rescission of prior year balances. -188 -169							
Differ Defense Activities Legacy management. 188,639 158,639 154,080 140,306 13,774 4,9 % Program direction. 13,341 13,341 13,100 14,014 4914 47,0 % Subtotal, Chror Defense Activities. 171,980 171,980 167,180 154,320 12,860 7.7 % Rescissions of prior year balances. -188 -169	Office Of Loggey Management						
Legacy management							
Program direction			158.639	154.080	140,306	-13.774	-8.9%
Subtotal, Other Defense Activities. 171,980 171,980 167,180 154,320 -12,860 -7.7% Rescissions: Rescissions of prior year balances. -189 -189 - - - -	· · ·	·	·	•	•	•	
Rescission of prior year balances. 169 169			· · · · · · · · · · · · · · · · · · ·	•	· · · · · · · · · · · · · · · · · · ·	-12,860	
Total, Office Of Legacy Management.	Rescissions:						
Environment, Health, Safety And Security Environment, health, safety and security 118,763 120,763 118,763 130,693 111,930 110,000	, ,						
Environment, health, safety and security.	Total, Office Of Legacy Management	171,811	1/1,811	167,180	154,320	-12,860	-1.1%
Environment, health, safety and security.							
Environment, health, safety and security.	Environment, Health, Safety And Security						
Subtotal, Environment, health, safety and security. 180,998 182,998 180,998 197,212 +16,214 +9,0% Rescissions: 87 87		118,763	120,763	118,763	130,693	+11,930	+10.0%
Rescission of prior year balances -87			62,235		66,519	•	+6.9%
Rescission of prior year balances. 37 87		180,998	182,998	180,998	197,212	+16,214	+9.0%
Total, Environment, Health, Safety And Security. 180,911 182,911 180,998 197,212 +16,214 +9.0%		07	07				
Chief Information Officer						+16.214	+9.0%
Departmental Administration Program direction	,					- ,	
Departmental Administration Program direction							
Program direction. 74,164 74,164 73,218 93,074 +19,856 +27.1% Use of prior year balances. -2,205 -2,205 -2,205 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
Use of prior year balances	·	74.404	74.404	70.040	00.074	40.050	. 07. 40/
Funding from other defense activities	<u> </u>	•	·	•	•	,	+27.1%
Total, Departmental Administration Other Defense Activities Defense related administrative support Total, Chief Information Officer Office Of Management Departmental Administration Program direction			·				-27 1%
Other Defense Activities 71,959 71,959 73,218 93,074 +19,856 +27.1% Total, Chief Information Officer. 71,959 71,959 73,218 93,074 +19,856 +27.1% Office Of Management Departmental Administration 62,946 62,946 65,000 59,114 -5,886 -9.1% Funding from other defense activities -3,000 +3,000 +100.0% Total, Departmental Administration 62,946 62,946 62,000 59,114 -2,886 -9.1% Other Defense Activities 3,000 -3,000 -100.0% Total, Management 3,000 -3,000 -100.0% Project Management 3,000 59,114 -5,886 -9.1% Project Management 3,000 59,114 -5,886 -9.1% Popartmental Administrative support 3,000 59,114			·	·	·	· · · · · · · · · · · · · · · · · · ·	
Defense related administrative support							
Office Of Management Departmental Administration 62,946 62,946 65,000 59,114 -5,886 -9.1% Funding from other defense activities. -3,000 +3,000 +100.0% Total, Departmental Administration. 62,946 62,946 62,000 59,114 -2,886 -4.7% Other Defense Activities Defense related administrative support. 3,000 -3,000 -100.0% Total, Management. 62,946 62,946 65,000 59,114 -5,886 -9.1% Project Management Oversight And Assessments Departmental Administration 18,000 +18,000 N/A Funding from other defense activities. -3,000 -3,000 -3,000 N/A		71,959	71,959	73,218	93,074	+19,856	+27.1%
Departmental Administration Frogram direction	· ·		71,959	73,218	93,074		+27.1%
Departmental Administration Frogram direction							
Departmental Administration Frogram direction							
Program direction	<u> </u>						
Funding from other defense activities -3,000 +3,000 +100.0% Total, Departmental Administration 62,946 62,946 62,000 59,114 -2,886 -4.7% Other Defense Activities 3,000 -3,000 -100.0% Total, Management 62,946 62,946 65,000 59,114 -5,886 -9.1% Project Management Oversight And Assessments Departmental Administration 18,000 +18,000 N/A Funding from other defense activities -3,000 N/A	·	62.046	62.046	65,000	50 114	5 006	0.19/
Total, Departmental Administration. 62,946 62,946 62,000 59,114 -2,886 -4.7% Other Defense Activities 3,000 -3,000 -3,000 -100.0% Total, Management		·	·	•	·	•	
Other Defense Activities 3,000 -3,000 -100.0% Total, Management 62,946 62,946 65,000 59,114 -5,886 -9.1% Project Management Oversight And Assessments Departmental Administration 18,000 +18,000 N/A Funding from other defense activities -3,000 -3,000 N/A	•			,		·	
Defense related administrative support	, ,	,3	-,-,-·•	,000		-,	,0
Project Management Oversight And Assessments Separtmental Administration 18,000 +18,000 N/A Funding from other defense activities -3,000 -3,000 N/A							
Project Management Oversight And Assessments Departmental Administration 18,000 +18,000 N/A Funding from other defense activities				•		•	-100.0%
Departmental Administration 18,000 +18,000 N/A Funding from other defense activities -3,000 -3,000 N/A	Total, Management	62,946	62,946	65,000	59,114	-5,886	-9.1%
Departmental Administration 18,000 +18,000 N/A Funding from other defense activities -3,000 -3,000 N/A							
Departmental Administration 18,000 +18,000 N/A Funding from other defense activities -3,000 -3,000 N/A	Project Management Oversight And Assessments						
Program direction							
Funding from other defense activities3,000 -3,000 N/A					18,000	+18,000	N/A
Total, Departmental Administration	Funding from other defense activities	<u></u>					
	Total, Departmental Administration				15,000	+15,000	N/A

	FY 2015 Enacted	FY 2015 Current	FY 2016 Enacted	FY 2017 Congressional	FY 2017 vs. I	FY 2016
	Approp.	Approp.	Approp.	Request	\$	%
Other Defense Activities						
Defense related administrative support				3,000 18,000	+3,000 + 18,000	N/A N/A
Total, Project Management Oversight And Assessments				18,000	+18,000	N/A
Chief Human Capital Officer						
Departmental Administration	0.4.500	04.500	0.4.500	05.404	20.4	0.007
Program direction		24,500	24,500	25,424	+924	+3.8%
Total, Chief Human Capital Officer	24,500	24,500	24,500	25,424	+924	+3.8%
Office Of Hearings And Appeals Other Defense Activities						
Office of hearings and appeals		5,500	5,500	5,919	+419	+7.6%
Rescission of prior year balances	1	-258	 F F00	 F 040	. 110	
Total, Hearings And Appeals	5,242	5,242	5,500	5,919	+419	+7.6%
Office Of Economic Impact And Diversity						
Program direction		8,800	10,000	11,319	+1,319	+13.2%
Total, Economic Impact And Diversity	9,000	8,800	10,000	11,319	+1,319	+13.2%
Office Of The Energy Jobs Development						
Program direction	<u></u>			3,700	+3,700	N/A
Office Of Small And Disadvantaged						
Business Utilization						
Program direction	2,253	2,253	3,000	3,300	+300	+10.0%
Office Of The Secretary						
Departmental Administration						
Program direction		5,008	5,008	5,300	+292	+5.8%
Total, Office Of The Secretary	5,008	5,008	5,008	5,300	+292	+5.8%
Cost Estimating And Program Evaluation	<u></u>			5,000	+5,000	N/A
Strategic Partnership Projects And Revenues						
Departmental Administration						
Strategic partnership projects	42,000	42,000	40,000	40,000		
Miscellaneous revenues		-119,171	-117,171	-125,171	-8,000	-6.8%
Use of prior year balances & other adj			-6,800	-20,300	-13,500	-198.5%
Rescissions:	000	000				
Rescission of prior year balances Total, Strategic Partnership Projects And Revenues		-928 -78,099	-83,971	-105,471	-21,500	-25.6%
01.45						
Chief Financial Officer Departmental Administration						
Program direction	47,000	47,000	47,024	53,084	+6,060	+12.9%
Funding from other defense activities		-46,877	-42,618	-23,642	+18,976	+44.5%
Total, Departmental Administration	- · · · · · · · · · · · · · · · · · · ·	123	4,406	29,442	+25,036	+568.2%
Other Defense Activities Defense related administrative support						
Defense related administrative support	46,877	46,877	42,618	23,642	-18,976	-44.5%
Total, Chief Financial Officer		47,000	47,024	53,084	+6,060	+12.9%
Assistant Secretary For Congressional And						
Intergovernmental Affairs						
Departmental Administration						
Program direction	6,300	5,846	6,300	6,200	-100	-1.6%
Use of prior year balances	<u>-1,600</u>	-1,600			400	4 001
Total, Congressional And Intergovernmental Affairs	4,700	4,246	6,300	6,200	-100	-1.6%

	FY 2015 Enacted	FY 2015 Current	FY 2016 Enacted	FY 2017 Congressional	FY 2017 vs.	
Office Of Public Affairs	Approp.	Approp.	Approp.	Request	\$	%
Departmental Administration						
Program direction	3,431	3,231	3,431	3,431		
Total, Public Affairs	3,431	3,231	3,431	3,431		
Office Of General Counsel						
Departmental Administration	00.000	00.554	00.000	00.000		
Program direction	•	32,554	33,000 -2,000	33,000		
Use of prior year balances Total, General Counsel		-2,000 30,554	31,000	33,000	+2,000 +2,000	+100.0% +6.5%
International Affairs						
Departmental Administration						
Program direction	13,000	14,943	18,000	19,107	+1,107	+6.2%
Transfer from State		10,000				
Total, International Affairs	13,000	24,943	18,000	19,107	+1,107	+6.2%
Energy Policy And Systems Analysis Departmental Administration						
Program direction	31,181	31,181	31,297	31,000	-297	-0.9%
Total, Energy Policy And Systems Analysis		31,181	31,297	31,000	-297	-0.9%
Office Of Enterprise Assessments						
Independent Enterprise Assessments	A	00.000		A . =	-	
Independent enterprise assessments		22,068	24,068	24,580	+512	+2.1%
Program direction Total, Independent Enterprise Assessments		49,466 71,534	49,466 73,534	51,893 76,473	+2,427 +2,939	+4.9% +4.0%
Total, Office Of Enterprise Assessments		71,534	73,534	76,473	+2,939	+4.0%
Total, Office of Enterprise Assessments	13,334	71,334	13,334	10,413	+2,333	T4.0 /0
Specialized Security Activities Other Defense Activities						
Specialized security activities	203,152	203,152	230,377	237,912	+7,535	+3.3%
Rescission of prior year balances (SSA)		-37				
Total, Specialized Security Activities	203,115	203,115	230,377	237,912	+7,535	+3.3%
Office Of Inspector General						
Office of inspector general		40,500	46,424	44,424	-2,000	-4.3%
Total, Office Of Inspector General	40,500	40,500	46,424	44,424	-2,000	-4.3%
Power Marketing Administrations Southeastern Power Administration						
Purchase power and wheeling		89,710	83,600	78,929	-4,671	-5.6%
Program direction	·	7,220	6,900	6,000	-900	-13.0%
Subtotal, Southeastern Power Administration		96,930	90,500	84,929	-5,571	-6.2%
Less alternative financing (for PPW)		-16,131	-17,100	-18,169	-1,069	-6.3%
Offsetting collections (PD)		-2,220	-6,900	-1,000	+5,900	+85.5%
Offsetting collections (for PPW)		-73,579	-66,500	-60,760	+5,740	+8.6%
Use of Prior Year Balances Total, Southeastern Power Administration		-5,000 		-5,000 	-5,000 	N/A
Southwestern Power Administration Operations and maintenance	15,174	15,174	19,279	13,896	-5,383	-27.9%
Purchase power and wheeling		63,000	73,000	83,000	-5,363 +10,000	-27.9% +13.7%
Program direction	•	31,089	31,932	31,516	-416	-1.3%
Construction	13,403	13,403	12,012	12,486	+474	+3.9%
Subtotal, Southwestern Power Administration		122,666	136,223	140,898	+4,675	+3.4%
Less alternative financing (for O&M)		-5,934	-8,288	-6,269	+2,019	+24.4%
Less alternative financing (for PPW)		-10,000	-10,000	-10,000		
	7,492	-7,492	-7,574	-5,986	+1,588	+21.0%
Less alternative financing (Const)		20 402	വ വാവ	ባበ ባ74	1667	10 007
Offsetting collections (for program direction)	29,402	-29,402 -5 438	-29,938 -6,023	-29,271 -5,315	+667 +708	+2.2% +11.8%
	29,402 5,438	-29,402 -5,438 -53,000	-29,938 -6,023 -63,000	-29,271 -5,315 -73,000	+667 +708 -10,000	+2.2% +11.8% -15.9%

	FY 2015	FY 2015	FY 2016	FY 2017		
	Enacted	Current	Enacted	Congressional	FY 2017 vs.	FY 2016
	Approp.	Approp.	Approp.	Request	\$	%
Western Area Power Administration	11 -1	11 -1	11 -1		т	
Western Area Power Administration (CROM)						
Construction and rehabilitation	86,645	86,645	58,374	62,442	+4,068	+7.0
Operation and maintenance	81,958	81,958	80,901	76,697	-4,204	-5.2
Purchase power and wheeling	441,223	441,223	565,927	581,634	+15,707	+2.8
Program Direction	· ·	227,905	236,398	226,497	-9,901	-4.2
Subtotal, Western Area Power Administration (CROM)	837,731	837,731	941,600	947,270	+5,670	+0.6
	,	,	ŕ	ŕ	,	
Adjustments:						
Less alternative financing (for O & M)	-5,197	-5,197	-1,757		+1,757	+100.0
Less alternative financing (for Construction)	-74,448	-74,448	-53,585	-43,884	+9,701	+18.1
Less alternative financing (for Program Dir.)	-5,300	-5,300	-5,273	-6,343	-1,070	-20.3
Less alternative financing (for PPW)	-180,713	-180,713	-213,114	-214,625	-1,511	-0.7
Offsetting collections (for program direction)	-174,285	-174,285	-177,697	-178,441	-744	-0.4
Offsetting collections (for O&M)	-36,745	-36,745	-36,645	-33,122	+3,523	+9.6
Offsetting collections (P.L. 108-447/109-103)	-260,510	-260,510	-352,813	-367,009	-14,196	-4.0
Offsetting collections (P.L. 98-381)	-7,161	-7,161	-7,344	-8,265	-921	-12.5
Subtotal, Adjustments	-744,359	-744,359	-848,228	-851,689	-3,461	-0.4
Subtotal, Western Area Power Administration (CROM)	93,372	93,372	93,372	95,581	+2,209	+2.4
Rescissions:	00,012	00,012	00,012	00,001	. 2,200	
Rescission of prior year balances (Gen. Prov.)	-1,632	-1,632				_
Total, Western Area Power Administration (CROM)	91,740	91,740	93,372	95,581	+2,209	+2.4
Total, Western Area Fower Administration (CROM)	91,740	91,740	93,372	95,561	+2,209	TZ.
Falcon and Amistad Operating and Maintenance Fund						
Operation and maintenance	5,529	5,529	4,950	4,393	-557	-11.3
Offsetting collections	-4,499	-4,499	-4,262	-3,838	+424	+9.9
Less alternative financing	-802	-802	-460	-323	+137	+29.8
Total, Falcon and Amistad Fund	228	228	228	232	+4	+1.8
Colorado River Basins Power Marketing Fund						
Spending authority from offsetting collections						
Equipment, contracts and other related expense	167,108	167,108	153,840	151,324	-2,516	-1.6
Program direction	61,101	61,101	61,807	62,206	+399	+0.6
Total, Spending authority from offsetting	01,101	01,101	01,007	02,200	1000	10.0
	228,209	228,209	215 647	213,530	2 117	-1.0
collections	· ·	·	215,647	·	-2,117	
Offsetting collections		-251,209	-238,647	-236,530	+2,117	+0.9
Total, Colorado River Basins		-23,000	-23,000	-23,000	.0.040	.0.4
Total, Western Area Power Administration	68,968	68,968	70,600	72,813	+2,213	+3.1
ederal Energy Regulatory Commission						
Just and Reasonable Rates, Terms, and Conditions)	142,574	142,574	148,921	159,650	+10,729	+7.2
Safe, Reliable, Secure, & Efficient Infrastructure	106,004	106,004	112,507	123,576	+11,069	+9.8
Mission Support through Organizational Excellence	55,811	55,811	58,372	63,574	+5,202	+8.9
FERC revenues	-304,389	-304,389	-319,800	-346,800	-27,000	-8.4
otal, Federal Energy Regulatory Commission						
ees & Recoveries In Excess Of Annual Appropriations	-28,485	-17,325	-23,587	-9,426	+14,161	+60.0
otal, Federal Energy Regulatory Commission		-17,325	-23,587	-9,426	+14,161	+60.0
•						
itle XVII Loan Guar. Prog Section 1703						
nio XVII Louir Guarri rog Goodion 1700						