

NAVAL REACTORS—Continued
Program and Financing—Continued

Identification code 89-0314-0-1-053	2013 actual	2014 est.	2015 est.
Change in obligated balance:			
Unpaid obligations:			
3000 Unpaid obligations, brought forward, Oct 1	312	280	278
3010 Obligations incurred, unexpired accounts	986	1,118	1,377
3020 Outlays (gross)	-1,018	-1,120	-1,390
3050 Unpaid obligations, end of year	280	278	265
Memorandum (non-add) entries:			
3100 Obligated balance, start of year	312	280	278
3200 Obligated balance, end of year	280	278	265
Budget authority and outlays, net:			
Discretionary:			
4000 Budget authority, gross	994	1,095	1,377
Outlays, gross:			
4010 Outlays from new discretionary authority	746	931	1,170
4011 Outlays from discretionary balances	272	189	220
4020 Outlays, gross (total)	1,018	1,120	1,390
4180 Budget authority, net (total)	994	1,095	1,377
4190 Outlays, net (total)	1,018	1,120	1,390

Naval Reactors.—This account funds all naval nuclear propulsion work. It begins with reactor technology development and design, continues through reactor operation and maintenance, and ends with reactor plant disposal. The program ensures the safe and reliable operation of reactor plants in nuclear-powered submarines and aircraft carriers (constituting over 40 percent of the Navy's combatants), and fulfills the Navy's requirements for new nuclear propulsion plants that meet current and future national defense requirements. Due to the crucial nature of nuclear reactor work, Naval Reactors is a centrally managed organization. Federal employees oversee and set policies/procedures for developing new reactor plants and operating existing nuclear plants and the facilities that support these plants.

Object Classification (in millions of dollars)

Identification code 89-0314-0-1-053	2013 actual	2014 est.	2015 est.
Direct obligations:			
Personnel compensation:			
11.1 Full-time permanent	27	26	26
11.5 Other personnel compensation	1		
11.9 Total personnel compensation	28	26	26
12.1 Civilian personnel benefits	8	8	8
21.0 Travel and transportation of persons	1	2	2
25.2 Other services from non-Federal sources	4	2	2
25.3 Other goods and services from Federal sources	2	1	1
25.4 Operation and maintenance of facilities	923	991	1,250
31.0 Equipment	15	16	16
32.0 Land and structures	3	71	71
41.0 Grants, subsidies, and contributions	2	1	1
99.9 Total new obligations	986	1,118	1,377

Employment Summary

Identification code 89-0314-0-1-053	2013 actual	2014 est.	2015 est.
1001 Direct civilian full-time equivalent employment	235	238	238

WEAPONS ACTIVITIES

[(INCLUDING RESCISSION OF FUNDS)]

For Department of Energy expenses, including the purchase, construction, and acquisition of plant and capital equipment and other incidental expenses necessary for atomic energy defense weapons activities in carrying out the purposes of the Department of Energy Organization Act (42 U.S.C. 7101 et seq.), including the acquisition or condemnation of any real property or any facility or for plant or facility acquisition, con-

struction, or expansion, [and the purchase of not to exceed one ambulance, \$7,845,000,000] and the purchase of not to exceed 4 passenger vehicles, \$8,314,902,000, to remain available until expended[: Provided, That of such amount not more than \$40,000,000 may be made available for B83 Stockpile Systems until the Nuclear Weapons Council certifies to the Committees on Appropriations of the House of Representatives and the Senate that the B83 gravity bomb will be retired by fiscal year 2025 or as soon as confidence in the B61-12 stockpile is gained: Provided further, That of the unobligated balances from prior year appropriations available under this heading, \$64,000,000 is hereby rescinded: Provided further, That no amounts may be rescinded from amounts that were designated by the Congress as an emergency requirement pursuant to a concurrent resolution on the budget or the Balanced Budget and Emergency Deficit Control Act of 1985]. (Energy and Water Development and Related Agencies Appropriations Act, 2014.)

Program and Financing (in millions of dollars)

Identification code 89-0240-0-1-053	2013 actual	2014 est.	2015 est.
Obligations by program activity:			
0020 Directed stockpile work	1,908	2,535	2,629
0021 Science campaign	320	370	508
0022 Engineering campaign	124	150	137
0023 Inertial confinement fusion ignition and high yield campaign	457	514	467
0024 Advanced simulation and computing campaign	515	569	602
0025 Readiness campaign	114	55	247
0026 Readiness in technical base and facilities	2,083	2,162	2,057
0027 Secure transportation asset	203	214	234
0091 Defense programs (DP), subtotal	5,724	6,569	6,881
0150 Nuclear counterterrorism incident response	227	228	247
0170 Site stewardship	69	87	82
0180 Defense nuclear security	648	665	618
0181 Cyber security	12		
0182 NNSA CIO Activities	138	145	180
0183 Legacy contractor pensions	170	326	307
0184 National security applications	9		
0185 Domestic Uranium Research, Development and Demonstration		62	
0191 Non-DP activities, subtotal	1,273	1,513	1,434
0300 Subtotal, Weapons Activities	6,997	8,082	8,315
0799 Total direct obligations	6,997	8,082	8,315
0810 Reimbursable program	2,922	2,922	2,922
0900 Total new obligations	9,919	11,004	11,237
Budgetary Resources:			
Unobligated balance:			
1000 Unobligated balance brought forward, Oct 1	210	223	
1010 Unobligated balance transfer to other accts [89-0243]	-4		
1021 Recoveries of prior year unpaid obligations	43		
1050 Unobligated balance (total)	249	223	
Budget authority:			
Appropriations, discretionary:			
1100 Appropriation	7,577	7,845	8,315
1121 Appropriations transferred from other accts [72-1037]	1		
1130 Appropriations permanently reduced	-607		
1131 Unobligated balance of appropriations permanently reduced		-64	
1160 Appropriation, discretionary (total)	6,971	7,781	8,315
Spending authority from offsetting collections, discretionary:			
1700 Collected	1,804	2,800	2,800
1701 Change in uncollected payments, Federal sources	1,118	200	200
1750 Spending auth from offsetting collections, disc (total)	2,922	3,000	3,000
1900 Budget authority (total)	9,893	10,781	11,315
1930 Total budgetary resources available	10,142	11,004	11,315
Memorandum (non-add) entries:			
1941 Unexpired unobligated balance, end of year	223		78
Change in obligated balance:			
Unpaid obligations:			
3000 Unpaid obligations, brought forward, Oct 1	4,951	5,970	6,606
3001 Adjustments to unpaid obligations, brought forward, Oct 1	11		
3010 Obligations incurred, unexpired accounts	9,919	11,004	11,237
3020 Outlays (gross)	-8,868	-10,368	-11,778
3040 Recoveries of prior year unpaid obligations, unexpired	-43		

3050	Unpaid obligations, end of year	5,970	6,606	6,065
	Uncollected payments:			
3060	Uncollected pymts, Fed sources, brought forward, Oct 1	-1,980	-3,098	-3,298
3070	Change in uncollected pymts, Fed sources, unexpired	-1,118	-200	-200
3090	Uncollected pymts, Fed sources, end of year	-3,098	-3,298	-3,498
	Memorandum (non-add) entries:			
3100	Obligated balance, start of year	2,982	2,872	3,308
3200	Obligated balance, end of year	2,872	3,308	2,567
Budget authority and outlays, net:				
Discretionary:				
4000	Budget authority, gross	9,893	10,781	11,315
	Outlays, gross:			
4010	Outlays from new discretionary authority	5,313	7,007	7,355
4011	Outlays from discretionary balances	3,555	3,361	4,423
4020	Outlays, gross (total)	8,868	10,368	11,778
	Offsets against gross budget authority and outlays:			
	Offsetting collections (collected) from:			
4030	Federal sources	-1,697	-2,695	-2,695
4033	Non-Federal sources	-107	-105	-105
4040	Offsets against gross budget authority and outlays (total)	-1,804	-2,800	-2,800
	Additional offsets against gross budget authority only:			
4050	Change in uncollected pymts, Fed sources, unexpired	-1,118	-200	-200
4070	Budget authority, net (discretionary)	6,971	7,781	8,315
4080	Outlays, net (discretionary)	7,064	7,568	8,978
4180	Budget authority, net (total)	6,971	7,781	8,315
4190	Outlays, net (total)	7,064	7,568	8,978

Programs funded within the Weapons Activities appropriation support the Nation's current and future defense posture, and its attendant nationwide infrastructure of science, technology and engineering capabilities. Weapons Activities provides for the maintenance and refurbishment of nuclear weapons to continue sustained confidence in their safety, reliability, and performance; continued investment in scientific, engineering, and manufacturing capabilities to enable certification of the enduring nuclear weapons stockpile; and manufacture of nuclear weapon components. Weapons Activities also provides for continued maintenance and investment in the NNSA nuclear complex to be more responsive and cost effective. The major elements of the program include the following:

Directed Stockpile Work.—Encompasses all activities that directly support the nuclear weapons stockpile. These activities include: maintenance and surveillance; planned refurbishment; reliability assessment; weapon dismantlement and disposal; and research, development, and certification technology efforts to meet stockpile requirements.

Campaigns.—Focuses on scientific, technical, and engineering efforts to develop and maintain critical capabilities, tools, and processes needed to support science based stockpile stewardship, weapons refurbishments, and continued certification of the stockpile over the long-term in the absence of underground nuclear testing.

Readiness in Technical Base and Facilities.—Provides the underlying physical infrastructure and operational readiness for the nuclear security enterprise. RTBF ensures essential weapon activity capabilities are available and the facilities are operational, safe, secure, and compliant with regulatory requirements. RTBF provides these services through both a defined level of readiness as well as capability and facility investments.

Secure Transportation Asset.—Provides for the safe, secure movement of nuclear weapons, special nuclear material, and weapon components to meet projected DOE, Department of Defense (DOD), and other customer requirements. The Program Direction in this account provides for the secure transportation workforce, including the Federal agents.

Nuclear Counterterrorism Incident Response (NCTIR).—Strategically manages people with specialized expertise and equipment to provide a technically trained response to nuclear or radi-

ological incidents worldwide, mitigates nuclear or radiological threats through research and development and provides inter-agency training and support to the Nation from the threat of nuclear terrorism.

Counterterrorism and Counterproliferation (CTCP).—Advances the U.S. Government counterterrorism and counterproliferation goals through innovative science, technology, and policy-driven solutions. The CTCP programs consolidate the Nuclear Counterterrorism subprogram for the NCTIR program and the Nations Security Applications program into an integrated program of technical work that materially contributes to the Department of Energy's goal of enhancing nuclear security through preventing nuclear terrorism.

Site Stewardship.—Ensures the overall health and viability of the NNSA, DOE, and other national missions, with a focus on maintaining environmental compliance, dispositioning of nuclear materials, and developing the needed skills and talent for NNSA's enduring technical workforce at the labs and production plants.

Defense Nuclear Security.—Provides protection for NNSA personnel, facilities, and nuclear weapons from a full spectrum of threats, most notably terrorism. Provides for all safeguards and security requirements including protective forces and systems at all NNSA sites including protective forces and systems.

NNSA Chief Information Officer Activities.—Provides for research and development of information technology and cyber security solutions such as identity, credential, and access management to help meet energy security, proliferation resistance, and climate goals.

NNSA's request reflects the partnership between NNSA and DOD to maintain and modernize the nuclear deterrent. DOD's NNSA Program Support account has the amounts for Weapons Activities that are shown in the table below, underscoring the close link between these activities and DOD nuclear weapons-related requirements and missions. OMB will ensure that future budget year allocations to NNSA occur in the required amounts.

DEPARTMENT OF DEFENSE SUPPORT FOR WEAPONS ACTIVITIES

	(in millions)	
	Future Funds from DOD	Weapons Activities Total Including DOD Funds
FY 2015	0	8,315
FY 2016	1,130	8,907
FY 2017	1,133	9,261
FY 2018	1,271	9,477
FY 2019	1,296	9,699

OMB will ensure that the following additional allocations from DOD occur as planned for Naval Reactors: FY 2016, \$314 million; FY 2017, \$470 million; FY 2018 million, \$393 million, and FY 2019, \$402 million.

Object Classification (in millions of dollars)

Identification code 89-0240-0-1-053	2013 actual	2014 est.	2015 est.
Direct obligations:			
Personnel compensation:			
11.1 Full-time permanent	44	45	52
11.5 Other personnel compensation	14	14	17
11.9 Total personnel compensation	58	59	69
12.1 Civilian personnel benefits	21	22	25
13.0 Benefits for former personnel	1	1	1
21.0 Travel and transportation of persons	5	5	6
23.1 Rental payments to GSA	1	1	1
23.3 Communications, utilities, and miscellaneous charges	2	2	2
25.1 Advisory and assistance services	45	46	54
25.2 Other services from non-Federal sources	327	335	389
25.3 Other goods and services from Federal sources	12	12	14
25.4 Operation and maintenance of facilities	5,616	6,670	6,674

WEAPONS ACTIVITIES—Continued
Object Classification—Continued

Identification code 89-0240-0-1-053		2013 actual	2014 est.	2015 est.
25.5	Research and development contracts	80	82	95
25.7	Operation and maintenance of equipment	10	10	12
26.0	Supplies and materials	11	11	13
31.0	Equipment	296	303	352
32.0	Land and structures	457	467	543
41.0	Grants, subsidies, and contributions	55	56	65
99.0	Direct obligations	6,997	8,082	8,315
99.0	Reimbursable obligations	2,922	2,922	2,922
99.9	Total new obligations	9,919	11,004	11,237

Employment Summary

Identification code 89-0240-0-1-053		2013 actual	2014 est.	2015 est.
1001	Direct civilian full-time equivalent employment	542	562	601

DEFENSE NUCLEAR NONPROLIFERATION

For Department of Energy expenses, including the purchase, construction, and acquisition of plant and capital equipment and other incidental expenses necessary for defense nuclear nonproliferation activities, in carrying out the purposes of the Department of Energy Organization Act (42 U.S.C. 7101 et seq.), including the acquisition or condemnation of any real property or any facility or for plant or facility acquisition, construction, or expansion, **[\$1,954,000,000] \$1,555,156,000**, to remain available until expended. (*Energy and Water Development and Related Agencies Appropriations Act, 2014.*)

Program and Financing (in millions of dollars)

Identification code 89-0309-0-1-053		2013 actual	2014 est.	2015 est.
Obligations by program activity:				
0010	Defense nuclear nonproliferation research and development	417	468	361
0030	Nonproliferation and international security	143	136	142
0040	International material protection and cooperation (formerly international nuclear materials protection and cooperation)	370	419	305
0050	U.S. surplus fissile materials disposition	657	585	311
0070	Russian surplus fissile materials disposition	2	.....	.....
0080	Global threat reduction initiative	444	475	333
0085	Legacy contractor pensions	51	117	103
0100	Subtotal, obligations by program activity	2,084	2,200	1,555
0799	Total direct obligations	2,084	2,200	1,555
0801	INMP&C international contributions	1	.....	.....
0802	GTRI international contribution	2	.....	.....
0899	Total reimbursable obligations	3	.....	.....
0900	Total new obligations	2,087	2,200	1,555
Budgetary Resources:				
Unobligated balance:				
1000	Unobligated balance brought forward, Oct 1	62	246	.....
1021	Recoveries of prior year unpaid obligations	34	.....	.....
1050	Unobligated balance (total)	96	246	.....
Budget authority:				
Appropriations, discretionary:				
1100	Appropriation	2,434	1,954	1,555
1120	Appropriations transferred to other accts [89-0222]	-9	.....	.....
1130	Appropriations permanently reduced	-191	.....	.....
1160	Appropriation, discretionary (total)	2,234	1,954	1,555
Spending authority from offsetting collections, discretionary:				
1700	Collected	3	.....	.....
1750	Spending auth from offsetting collections, disc (total)	3	.....	.....
1900	Budget authority (total)	2,237	1,954	1,555
1930	Total budgetary resources available	2,333	2,200	1,555
Memorandum (non-add) entries:				
1941	Unexpired unobligated balance, end of year	246	.....	.....

Change in obligated balance:

Unpaid obligations:				
3000	Unpaid obligations, brought forward, Oct 1	1,829	1,655	1,718
3010	Obligations incurred, unexpired accounts	2,087	2,200	1,555
3020	Outlays (gross)	-2,227	-2,137	-2,006
3040	Recoveries of prior year unpaid obligations, unexpired	-34	.....	.....
3050	Unpaid obligations, end of year	1,655	1,718	1,267
Memorandum (non-add) entries:				
3100	Obligated balance, start of year	1,829	1,655	1,718
3200	Obligated balance, end of year	1,655	1,718	1,267

Budget authority and outlays, net:

Discretionary:				
4000	Budget authority, gross	2,237	1,954	1,555
Outlays, gross:				
4010	Outlays from new discretionary authority	833	1,075	855
4011	Outlays from discretionary balances	1,394	1,062	1,151
4020	Outlays, gross (total)	2,227	2,137	2,006
Offsets against gross budget authority and outlays:				
Offsetting collections (collected) from:				
4034	Offsetting governmental collections	-3	.....	.....
4180	Budget authority, net (total)	2,234	1,954	1,555
4190	Outlays, net (total)	2,224	2,137	2,006

Programs funded within the Defense Nuclear Nonproliferation appropriation account support the mission to: 1) prevent the spread of materials, technology, and expertise relating to weapons of mass destruction (WMD); 2) advance the technologies to detect the proliferation of WMD worldwide; 3) eliminate or secure inventories of surplus materials and infrastructure usable for nuclear weapons; and 4) respond to nuclear or radiological incidents worldwide. The programs address the danger that hostile nations or terrorist groups may acquire WMD or weapons-usable material, dual-use production technology, or WMD expertise. The major elements of the appropriation account include the following:

Global Threat Reduction Initiative (GTRI).—The GTRI mission is to reduce and protect vulnerable nuclear and radiological materials located at civilian sites worldwide. The GTRI program directly supports the international effort, initiated by President Obama's Prague Agenda, to secure all vulnerable nuclear material around the world. GTRI supports DOE's Strategic Plan goal to reduce nuclear dangers by preventing terrorists from acquiring nuclear and radiological materials that could be used in WMD or acts of terrorism by: 1) converting or verifying the permanent shutdown of research reactors and isotope production facilities from the use of highly enriched uranium to low enriched uranium, 2) removing and disposing of excess nuclear and radiological materials, and 3) protecting highly-priority nuclear and radiological materials from theft. These three key aspects of GTRI-convert, remove, and protect-together provide a comprehensive approach to achieving its mission and denying terrorists access to nuclear and radiological materials.

Defense Nuclear Nonproliferation Research and Development (DNN R&D).—This program drives the innovation of unilateral and multi-lateral technical capabilities to detect, identify, and characterize: 1) foreign nuclear weapons programs, 2) illicit diversion of special nuclear materials, and 3) nuclear detonations. To meet national and departmental nuclear security requirements, DNN R&D leverages the unique facilities and scientific skills of the Department of Energy, academia, and industry for the performance of research, conduct of technology demonstrations, and development of prototypes for integration into operational systems.

Nonproliferation and International Security (NIS).—The NIS mission is to prevent and counter the proliferation of WMD, including materials, technologies, and expertise, by states and non-state actors. The program provides policy and technical support for nonproliferation and associated treaties and agreements, do-