

BROOKHAVEN NATIONAL LABORATORY  
 CONTRACT MOD # 0090; Financial Modification  
 DE-SC0012704

Fund Code	Fund Code Title	Appropriation Year	Object Class	Object Class Title	Legacy B&R Control	OCL	Program	Program Title	WFO	WFO Title	Local Use	Local Use Code	Beginning Uncosted Obligations	Budget Authority Previous	Budget Authority Change	Budget Authority Revised	Total Available
500	089-X-022	2016	25400	Operation	KA0000000	C002852	2924371	KA2501032, National Laboratories	0	Default WFO Value	0	Default	\$597,568.28	\$0.00	\$0.00	\$0.00	\$597,568.28
500	089-X-022	2015	25400	Operation	KC0000000	C002853	2924447	KC0213010, Computational Materials Sciences	0	Default WFO Value	0	Default	\$1,781,003.95	\$0.00	\$0.00	\$0.00	\$1,781,003.95
500	089-X-022	2016	25400	Operation	KC0000000	C002853	2923809	KC0302030, Heavy Element Chemistry	0	Default WFO Value	0	Default	\$383,021.77	\$0.00	\$0.00	\$0.00	\$383,021.77
500	089-X-022	2014	25400	Operation	KB0000000	C001009	2923741	KB0281011, Nuclear Physics - RHIC	0	Default WFO Value	0	Default	\$440,766.74	\$0.00	\$0.00	\$0.00	\$440,766.74
500	089-X-022	2014	31003	Other Equip	KC0000000	C002853	2924232	KC0401030, National Synchrotron Light Source (BNL)	0	Default WFO Value	485396	CHEQU	\$0.35	-\$0.35	\$0.00	-\$0.35	\$0.00
500	089-X-022	2016	25400	Operation	KC0000000	C002853	2924242	KC0403020, Center for Functional Nanomaterials (BNL)	0	Default WFO Value	0	Default	\$7,853,607.86	\$0.00	\$0.00	\$0.00	\$7,853,607.86
500	089-X-022	2007	31003	Other Equip	KP0000000	C001024	2923848	KP1101010, Structural Biology	0	Default WFO Value	485396	CHEQU	\$39,292.45	\$0.00	\$0.00	\$0.00	\$39,292.45
500	089-X-022	2016	25400	Operation	KA0000000	C002852	2924328	KA2202010, Experimental Operations and Support	0	Default WFO Value	0	Default	\$325,922.19	\$0.00	\$0.00	\$0.00	\$325,922.19
500	089-X-022	2015	25400	Operation	KP0000000	C001024	2924209	KP1605010, Structural Biology Infrastructure	0	Default WFO Value	0	Default	\$2,286,067.89	\$0.00	\$0.00	\$0.00	\$2,286,067.89
500	089-X-022	2016	25400	Operation	KC0000000	C002853	2924233	KC0401040, National Synchrotron Light Source II (BNL)	0	Default WFO Value	0	Default	\$25,785,995.15	-\$5,600,000.00	\$0.00	-\$5,600,000.00	\$20,185,995.15
500	089-X-022	2017	25400	Operation	KA0000000	C002852	2924366	KA2501012, National Laboratories	0	Default WFO Value	0	Default	\$0.00	\$102,899.70	\$0.00	\$102,899.70	\$102,899.70
500	089-X-022	2017	25400	Operation	KC0000000	C002853	2923775	KC0202030, Condensed Matter Theory, Particle-Solid Interacti	0	Default WFO Value	0	Default	\$0.00	\$1,554,000.00	\$0.00	\$1,554,000.00	\$1,554,000.00
500	089-X-022	2017	32003	Accelerator	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WFO Value	485395	CHAIP	\$0.00	\$2,369,000.00	\$0.00	\$2,369,000.00	\$2,369,000.00
500	089-X-022	2017	25400	Operation	KC0000000	C002853	2924295	KC0202050, Physical Behavior of Materials	0	Default WFO Value	0	Default	\$0.00	\$592,000.00	\$0.00	\$592,000.00	\$592,000.00
500	089-X-022	2017	31003	Other Equip	KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHIC Experimental Support	0	Default WFO Value	485396	CHEQU	\$0.00	\$2,650,000.00	\$0.00	\$2,650,000.00	\$2,650,000.00
500	089-X-022	2017	25400	Operation	KL0000000	C001021	2924408	KL1003000, Visiting Faculty Program	0	Default WFO Value	0	Default	\$0.00	\$120,000.00	\$0.00	\$120,000.00	\$120,000.00
500	089-X-022	2017	25400	Operation	KL0000000	C001021	2924414	KL1500000, Outreach	0	Default WFO Value	0	Default	\$0.00	\$0.00	\$76,950.00	\$76,950.00	\$76,950.00
500	089-X-022	2011	31003	Other Equip	KC0000000	C002853	3023325	KC0203020, Synthesis and Processing Science	0	Default WFO Value	485396	CHEQU	\$2,515.98	\$0.00	\$0.00	\$0.00	\$2,515.98
500	089-X-022	2016	25400	Operation	FS1000000	C000984	2923656	FS1006000, Personnel Security	0	Default WFO Value	0	Default	\$205,594.31	\$0.00	\$0.00	\$0.00	\$205,594.31
500	089-X-022	2016	25400	Operation	KC0000000	C002853	3023325	KC0203020, Synthesis and Processing Science	0	Default WFO Value	0	Default	\$79,184.60	\$0.00	\$0.00	\$0.00	\$79,184.60
500	089-X-022	2015	25400	Operation	KJ0000000	C001018	2924135	KJ0402000, Computer Sciences Research	0	Default WFO Value	0	Default	\$177,483.60	\$0.00	\$0.00	\$0.00	\$177,483.60
500	089-X-022	2016	25400	Operation	KJ0000000	C001018	2924137	KJ0404000, Next Generation Networking for Science	0	Default WFO Value	0	Default	\$471,000.00	\$0.00	\$0.00	\$0.00	\$471,000.00
500	089-X-022	2016	25400	Operation	KA0000000	C002852	2924366	KA2501012, National Laboratories	0	Default WFO Value	0	Default	\$119,962.39	\$0.00	\$0.00	\$0.00	\$119,962.39
500	089-X-022	2016	25400	Operation	KB0000000	C001009	2923734	KB0201022, Heavy Ion, Other National Laboratory Research	0	Default WFO Value	0	Default	\$3,451.68	-\$291.86	\$0.00	-\$291.86	\$3,159.82
500	089-X-022	2015	25400	Operation	KA0000000	C002852	2924363	KA2403013, Other Projects	0	Default WFO Value	0	Default	\$9,984.80	\$0.00	\$0.00	\$0.00	\$9,984.80
500	089-X-022	2016	25400	Operation	KP0000000	C001024	2924205	KP1602010, Radiochemistry and Imaging Instrumentation	0	Default WFO Value	0	Default	\$719,579.18	\$0.00	\$0.00	\$0.00	\$719,579.18
500	089-X-022	2016	31003	Other Equip	KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHIC Experimental Support	0	Default WFO Value	485396	CHEQU	\$1,086,299.63	\$0.00	\$0.00	\$0.00	\$1,086,299.63
500	089-X-022	2016	25400	Operation	KA0000000	C002852	2924346	KA2301020, National Laboratories	0	Default WFO Value	0	Default	\$515,439.32	\$0.00	\$0.00	\$0.00	\$515,439.32
500	089-X-022	2016	31001	Major Item	KA0000000	C002852	2924350	KA2303011, MIE	0	Default WFO Value	4809008	CHEQU	\$3,100,354.96	\$0.00	\$0.00	\$0.00	\$3,100,354.96
500	089-X-022	2015	25400	Operation	KA0000000	C002852	2924342	KA2203012, Line Item OPC	0	Default WFO Value	0	Default	\$119,515.33	\$0.00	\$0.00	\$0.00	\$119,515.33
500	089-X-022	2017	25400	Operation	KA0000000	C002852	2924320	KA2103011, MIE	0	Default WFO Value	485493	CHOPEI	\$0.00	\$3,452,000.00	\$0.00	\$3,452,000.00	\$3,452,000.00
500	089-X-022	2017	25400	Operation	KB0000000	C001009	2923721	KB0101022, Medium Energy, Other National Laboratory Research	0	Default WFO Value	0	Default	\$0.00	\$2,289,000.00	\$0.00	\$2,289,000.00	\$2,289,000.00
500	089-X-022	2017	25400	Operation	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WFO Value	0	Default	\$0.00	\$132,467,000.00	\$0.00	\$132,467,000.00	\$132,467,000.00
500	089-X-022	2017	25400	Operation	KC0000000	C002853	2924405	KC0201060, Neutron and X-Ray Scatering	0	Default WFO Value	0	Default	\$0.00	\$2,350,000.00	\$0.00	\$2,350,000.00	\$2,350,000.00
500	089-X-022	2013	25400	Operation	KP0000000	C001024	2924202	KP1601030, Metabolic Synthesis and Conversion	0	Default WFO Value	0	Default	\$31,958.69	-\$31,958.69	\$0.00	-\$31,958.69	\$0.00
500	089-X-022	2014	25400	Operation	KC0000000	C002853	2924248	KC0404040, National Synchrotron Light Source II (BNL)	0	Default WFO Value	0	Default	\$708,710.29	-\$708,710.29	\$0.00	-\$708,710.29	\$0.00
500	089-X-022	2016	25400	Operation	KA0000000	C002852	2924317	KA2102021, ATLAS Detector and Computing Support	0	Default WFO Value	0	Default	\$9,468,950.42	\$0.00	\$0.00	\$0.00	\$9,468,950.42
500	089-X-022	2013	25400	Operation	KP0000000	C001024	2924200	KP1601010, Foundational Genomics Research	0	Default WFO Value	0	Default	\$108,136.82	\$0.00	\$0.00	\$0.00	\$108,136.82
500	089-X-022	2016	25400	Operation	KC0000000	C002853	2924295	KC0202050, Physical Behavior of Materials	0	Default WFO Value	0	Default	\$20,444.56	\$0.00	\$0.00	\$0.00	\$20,444.56
500	089-X-022	2015	25400	Operation	KA0000000	C002852	2924336	KA2202090, Other Facilities	0	Default WFO Value	0	Default	\$284,282.14	\$0.00	\$0.00	\$0.00	\$284,282.14
500	089-X-022	2014	25400	Operation	KB0000000	C001009	2923728	KB0181012, Nuclear Physics - BNL-Tandem	0	Default WFO Value	0	Default	\$34,228.17	\$0.00	\$0.00	\$0.00	\$34,228.17
500	089-X-022	2016	25400	Operation	KC0000000	C002853	2924300	KC0304030, Solar Photochemistry	0	Default WFO Value	0	Default	\$2,017,288.63	\$0.00	\$0.00	\$0.00	\$2,017,288.63
500	089-X-022	2015	25400	Operation	KP0000000	C001024	2924417	KP1606000, Mesoscale to Molecules	0	Default WFO Value	0	Default	\$800,505.82	\$0.00	\$0.00	\$0.00	\$800,505.82
500	089-X-022	2010	25400	Operation	KL0000000	C001021	2924414	KL1500000, Outreach	0	Default WFO Value	0	Default	\$2,180.42	\$0.00	\$0.00	\$0.00	\$2,180.42
500	089-X-022	2016	25400	Operation	KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHIC Experimental Support	0	Default WFO Value	0	Default	\$3,890,030.59	\$0.00	\$0.00	\$0.00	\$3,890,030.59
500	089-X-022	2016	31001	Major Item	KA0000000	C002852	2924320	KA2103011, MIE	0	Default WFO Value	485486	CHEQU	\$9,394,807.12	\$0.00	\$0.00	\$0.00	\$9,394,807.12
500	089-X-022	2016	25400	Operation	FS1000000	C000984	2923652	FS1001000, Protective Forces	0	Default WFO Value	0	Default	\$1,141,759.68	\$0.00	\$0.00	\$0.00	\$1,141,759.68
500	089-X-022	2016	25400	Operation	FS1000000	C000984	2923657	FS1007000, Material Control and Accountability	0	Default WFO Value	0	Default	\$324,477.63	\$0.00	\$0.00	\$0.00	\$324,477.63
500	089-X-022	2017	32003	Accelerator	KA0000000	C002852	2924382	KA2602010, Accelerator Operations and Support	0	Default WFO Value	485395	CHAIP	\$0.00	\$1,163,000.00	\$0.00	\$1,163,000.00	\$1,163,000.00
500	089-X-022	2017	25400	Operation	FS1000000	C000984	2923652	FS1001000, Protective Forces	0	Default WFO Value	0	Default	\$0.00	\$6,783,000.00	\$0.00	\$6,783,000.00	\$6,783,000.00
500	089-X-022	2017	25400	Operation	KA0000000	C002852	2924368	KA2501021, LHC Accelerator Research	0	Default WFO Value	0	Default	\$0.00	\$5,447,000.00	\$0.00	\$5,447,000.00	\$5,447,000.00
500	089-X-022	2017	25400	Operation	FS1000000	C000984	2923656	FS1006000, Personnel Security	0	Default WFO Value	0	Default	\$0.00	\$589,000.00	\$0.00	\$589,000.00	\$589,000.00
500	089-X-022	2017	25400	Operation	KP0000000	C001024	2924462	KP1703040, Climate Model Development and Validation	0	Default WFO Value	0	Default	\$0.00	\$1,431,000.00	\$0.00	\$1,431,000.00	\$1,431,000.00

Fund Code	Fund Code Title	Appropriation Year	Object Class	Object Class Title	Legacy B&R Control	OCL	Program	Program Title	WFO	WFO Title	Local Use	Local Use Code	Beginning Uncosted Obligations	Budget Authority Previous	Budget Authority Change	Budget Authority Revised	Total Available
500	089-X-022	2017	25400	Operation	KA0000000	C002852	2924380	KA2601020, National Laboratories	0	Default WFO Value	0	Default	\$0.00	\$615,000.00	\$0.00	\$615,000.00	\$615,000.00
500	089-X-022	2017	25400	Operation	KL0000000	C001021	2924407	KL1002000, Community College Internship Program	0	Default WFO Value	0	Default	\$0.00	\$150,000.00	\$30,000.00	\$180,000.00	\$180,000.00
500	089-X-022	2017	31003	Other Equip	KC0000000	C002853	2924233	KC0401040, National Synchrotron Light Source II (BNL)	0	Default WFO Value	485396	CHEQU	\$0.00	\$8,200,000.00	\$0.00	\$8,200,000.00	\$8,200,000.00
500	089-X-022	2017	25400	Operation	KC0000000	C002853	2924192	KC0207010, Energy Frontier Research Centers (EFRCs)	0	Default WFO Value	0	Default	\$0.00	\$3,332,000.00	\$0.00	\$3,332,000.00	\$3,332,000.00
500	089-X-022	2017	25400	Operation	KC0000000	C002853	3023325	KC0203020, Synthesis and Processing Science	0	Default WFO Value	0	Default	\$0.00	\$2,551,000.00	\$0.00	\$2,551,000.00	\$2,551,000.00
500	089-X-022	2017	25400	Operation	KA0000000	C002852	2924357	KA2401021, Scientific Discovery through Advanced Computing (	0	Default WFO Value	0	Default	\$0.00	\$120,000.00	\$0.00	\$120,000.00	\$120,000.00
500	089-X-022	2016	25400	Operation	KC0000000	C002853	2924192	KC0207010, Energy Frontier Research Centers (EFRCs)	0	Default WFO Value	0	Default	\$3,286,893.63	\$0.00	\$0.00	\$0.00	\$3,286,893.63
500	089-X-022	2016	25400	Operation	KA0000000	C002852	2924369	KA2501022, Muon Accelerators	0	Default WFO Value	0	Default	\$624,552.42	\$0.00	\$0.00	\$0.00	\$624,552.42
500	089-X-022	2016	25400	Operation	KB0000000	C001009	2924156	KB0201052, Heavy Ion Accelerator R&D Natl Lab Research	0	Default WFO Value	0	Default	\$473,078.72	\$0.00	\$0.00	\$0.00	\$473,078.72
500	089-X-022	2015	25400	Operation	KP0000000	C001024	2924200	KP1601010, Foundational Genomics Research	0	Default WFO Value	0	Default	\$180,000.00	\$0.00	\$0.00	\$0.00	\$180,000.00
500	089-X-022	2014	25400	Operation	KA0000000	C002852	2923681	KA1102812, Proton Facilities - Chng in Inventories, Common U	0	Default WFO Value	0	Default	\$212,904.79	\$0.00	\$0.00	\$0.00	\$212,904.79
500	089-X-022	2016	25400	Operation	KB0000000	C001009	2923721	KB0101022, Medium Energy, Other National Laboratory Research	0	Default WFO Value	0	Default	\$332,163.64	\$0.00	\$0.00	\$0.00	\$332,163.64
500	089-X-022	2016	25400	Operation	KC0000000	C002853	2923807	KC0302010, Chemical Energy	0	Default WFO Value	0	Default	\$330,284.74	\$0.00	\$0.00	\$0.00	\$330,284.74
500	089-X-022	2016	25400	Operation	KC0000000	C002853	2924421	KC0406030, Long Term Surveillance and Maintenance	0	Default WFO Value	0	Default	\$688,593.25	\$0.00	\$0.00	\$0.00	\$688,593.25
500	089-X-022	2016	25400	Operation	KA0000000	C002852	2924380	KA2601020, National Laboratories	0	Default WFO Value	0	Default	\$97,745.06	\$0.00	\$0.00	\$0.00	\$97,745.06
500	089-X-022	2016	32003	Accelerator	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WFO Value	485395	CHAIP	\$3,384,154.12	\$0.00	\$0.00	\$0.00	\$3,384,154.12
500	089-X-022	2012	25400	Operation	KA0000000	C002852	2924034	KA1502021, Advanced Technology Research, Accelerator Develop	0	Default WFO Value	0	Default	\$3,459.35	\$0.00	\$0.00	\$0.00	\$3,459.35
500	089-X-022	2016	25400	Operation	KA0000000	C002852	2924319	KA2102090, Other Facilities	0	Default WFO Value	0	Default	\$167,707.69	-\$21,673.92	\$0.00	-\$21,673.92	\$146,033.77
500	089-X-022	2010	25400	Operation	KA0000000	C002852	2924151	KA1301032, Non-Accelerator Physics Research, Projects, Futur	0	Default WFO Value	0	Default	\$3,865.54	-\$3,865.54	\$0.00	-\$3,865.54	\$0.00
500	089-X-022	2014	25400	Operation	KC0000000	C002853	2923794	KC0281013, BNL-NSLs	0	Default WFO Value	0	Default	\$165,193.55	\$0.00	\$0.00	\$0.00	\$165,193.55
500	089-X-022	2016	25400	Operation	FS1000000	C000984	2923653	FS1002000, Security Systems	0	Default WFO Value	0	Default	\$631,209.37	\$0.00	\$0.00	\$0.00	\$631,209.37
500	089-X-022	2016	25400	Operation	KB0000000	C001009	2923752	KB0301052, Theory, SciDAC, National Laboratory Research	0	Default WFO Value	0	Default	\$214,542.85	\$0.00	\$0.00	\$0.00	\$214,542.85
500	089-X-022	2017	25400	Operation	KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHIC Experimental Support	0	Default WFO Value	0	Default	\$0.00	\$35,958,000.00	\$0.00	\$35,958,000.00	\$35,958,000.00
500	089-X-022	2017	25400	Operation	KC0000000	C002853	2923807	KC0302010, Chemical Energy	0	Default WFO Value	0	Default	\$0.00	\$4,606,000.00	\$0.00	\$4,606,000.00	\$4,606,000.00
500	089-X-022	2017	25400	Operation	KP0000000	C001024	2924216	KP1703020, Earth System Modeling	0	Default WFO Value	0	Default	\$0.00	\$566,000.00	\$0.00	\$566,000.00	\$566,000.00
500	089-X-022	2017	25400	Operation	KC0000000	C002853	2924242	KC0403020, Center for Functional Nanomaterials (BNL)	0	Default WFO Value	0	Default	\$0.00	\$22,868,000.00	\$0.00	\$22,868,000.00	\$22,868,000.00
500	089-X-022	2017	25400	Operation	KC0000000	C002853	2924472	KC0201070, X-Ray Scattering	0	Default WFO Value	0	Default	\$0.00	\$1,900,000.00	\$0.00	\$1,900,000.00	\$1,900,000.00
500	089-X-022	2017	25400	Operation	KC0000000	C002853	2924299	KC0304020, Physical Biosciences	0	Default WFO Value	0	Default	\$0.00	\$3,841,000.00	\$0.00	\$3,841,000.00	\$3,841,000.00
500	089-X-022	2017	25400	Operation	KB0000000	C001009	2923755	KB0401022, Low Energy, Other National Laboratory Research	0	Default WFO Value	0	Default	\$0.00	\$839,000.00	\$0.00	\$839,000.00	\$839,000.00
500	089-X-022	2017	25400	Operation	KC0000000	C002853	2923774	KC0202020, Experimental Condensed Matter Physics	0	Default WFO Value	0	Default	\$0.00	\$2,139,000.00	\$0.00	\$2,139,000.00	\$2,139,000.00
500	089-X-022	2017	25400	Operation	KB0000000	C001009	2923752	KB0301052, Theory, SciDAC, National Laboratory Research	0	Default WFO Value	0	Default	\$0.00	\$369,000.00	\$0.00	\$369,000.00	\$369,000.00
500	089-X-022	2017	25400	Operation	KC0000000	C002853	2923803	KC0301020, Chemical Physics	0	Default WFO Value	0	Default	\$0.00	\$1,802,000.00	\$0.00	\$1,802,000.00	\$1,802,000.00
500	089-X-022	2017	32001	Constructive	39KA00000	C002786	2924263	39KA00000PRN11SC40000, Long Baseline Neutrino Experiment (PE	0	Default WFO Value	0	Default	\$0.00	\$8,950,000.00	\$0.00	\$8,950,000.00	\$8,950,000.00
500	089-X-022	2017	25400	Operation	KB0000000	C001009	2923734	KB0201022, Heavy Ion, Other National Laboratory Research	0	Default WFO Value	0	Default	\$0.00	\$25,000.00	\$0.00	\$25,000.00	\$25,000.00
500	089-X-022	2017	25400	Operation	KA0000000	C002852	2924369	KA2501022, Muon Accelerators	0	Default WFO Value	0	Default	\$0.00	\$250,000.00	\$0.00	\$250,000.00	\$250,000.00
500	089-X-022	2017	31003	Other Equip	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WFO Value	485396	CHEQU	\$0.00	\$1,094,000.00	\$0.00	\$1,094,000.00	\$1,094,000.00
500	089-X-022	2016	31003	Other Equip	KP0000000	C001024	2924209	KP1605010, Structural Biology Infrastructure	0	Default WFO Value	485396	CHEQU	\$0.00	\$1,582,426.00	\$0.00	\$1,582,426.00	\$1,582,426.00
500	089-X-022	2017	25400	Operation	KC0000000	C002853	2924300	KC0304030, Solar Photochemistry	0	Default WFO Value	0	Default	\$0.00	\$6,755,000.00	\$0.00	\$6,755,000.00	\$6,755,000.00
500	089-X-022	2016	25400	Operation	KP0000000	C001024	2924216	KP1703020, Earth System Modeling	0	Default WFO Value	0	Default	\$0.00	\$120,000.00	\$0.00	\$120,000.00	\$120,000.00
500	089-X-022	2013	32001	Constructive	39KG00000	C002739	2924227	39KG01000PRN10SC72000, Renovate Science Laboratories, Ph. I	0	Default WFO Value	0	Default	\$13,328.21	\$0.00	\$0.00	\$0.00	\$13,328.21
500	089-X-022	2016	25400	Operation	KL0000000	C001021	2924408	KL1003000, Visiting Faculty Program	0	Default WFO Value	0	Default	\$325,428.91	\$0.00	\$0.00	\$0.00	\$325,428.91
500	089-X-022	2016	25400	Operation	KL0000000	C001021	2924414	KL1500000, Outreach	0	Default WFO Value	0	Default	\$40,000.00	\$0.00	\$0.00	\$0.00	\$40,000.00
500	089-X-022	2014	31003	Other Equip	KC0000000	C002853	2924300	KC0304030, Solar Photochemistry	0	Default WFO Value	485396	CHEQU	\$1,164.17	-\$1,164.17	\$0.00	-\$1,164.17	\$0.00
500	089-X-022	2016	25400	Operation	KP0000000	C001024	2924209	KP1605010, Structural Biology Infrastructure	0	Default WFO Value	0	Default	\$2,500,000.00	-\$1,582,426.00	\$0.00	-\$1,582,426.00	\$917,574.00
500	089-X-022	2016	25400	Operation	KP0000000	C001024	2924462	KP1703040, Climate Model Development and Validation	0	Default WFO Value	0	Default	\$1,338,617.23	\$0.00	\$0.00	\$0.00	\$1,338,617.23
500	089-X-022	2016	25400	Operation	FS1000000	C000984	2923654	FS1004000, Information Security	0	Default WFO Value	0	Default	\$219,425.15	\$0.00	\$0.00	\$0.00	\$219,425.15
500	089-X-022	2014	32001	Constructive	39KC00000	C000604	2924055	39KC02000PRN07SC06000, PED, National Synchrotron Light Sourc	0	Default WFO Value	0	Default	\$2,399.33	-\$2,399.33	\$0.00	-\$2,399.33	\$0.00
500	089-X-022	2016	25400	Operation	KC0000000	C002853	2923774	KC0202020, Experimental Condensed Matter Physics	0	Default WFO Value	0	Default	\$188,786.71	\$0.00	\$0.00	\$0.00	\$188,786.71
500	089-X-022	2016	25400	Operation	KB0000000	C001009	2923733	KB0201021, Heavy Ion, RHIC Research	0	Default WFO Value	0	Default	\$1,156,414.54	\$0.00	\$0.00	\$0.00	\$1,156,414.54
500	089-X-022	2016	25400	Operation	KA0000000	C002852	2924320	KA2103011, MIE	0	Default WFO Value	485493	CHOPEI	\$8,877.94	\$0.00	\$0.00	\$0.00	\$8,877.94
500	089-X-022	2017	25400	Operation	KC0000000	C002853	2923809	KC0302030, Heavy Element Chemistry	0	Default WFO Value	0	Default	\$0.00	\$212,000.00	\$0.00	\$212,000.00	\$212,000.00
500	089-X-022	2017	25400	Operation	KA0000000	C002852	2924325	KA2201020, National Laboratories	0	Default WFO Value	0	Default	\$0.00	\$4,820,000.00	\$0.00	\$4,820,000.00	\$4,820,000.00
500	089-X-022	2017	25400	Operation	KA0000000	C002852	2924336	KA2202090, Other Facilities	0	Default WFO Value	0	Default	\$0.00	\$385,000.00	\$0.00	\$385,000.00	\$385,000.00
500	089-X-022	2017	25400	Operation	KA0000000	C002852	2924313	KA2101020, National Laboratories	0	Default WFO Value	0	Default	\$0.00	\$5,450,000.00	\$0.00	\$5,450,000.00	\$5,450,000.00
500	089-X-022	2017	25400	Operation	KC0000000	C002853	2924460	KC0301050, Condensed Phase & Interfacial Molecular Science	0	Default WFO Value	0	Default	\$0.00	\$1,546,000.00	\$0.00	\$1,546,000.00	\$1,546,000.00
500	089-X-022	2017	25400	Operation	KJ0000000	C001018	2924474	KJ0402010, Computer Sciences - Research	0	Default WFO Value	0	Default	\$0.00	\$450,000.00	\$0.00	\$450,000.00	\$450,000.00

Fund Code	Fund Code Title	Appropriation Year	Object Class	Object Class Title	Legacy B&R Control	OCL	Program	Program Title	WFO	WFO Title	Local Use	Local Use Code	Beginning Uncosted Obligations	Budget Authority Previous	Budget Authority Change	Budget Authority Revised	Total Available
500	089-X-022:2017	2017	31001	Major Item	KA0000000	C002852	2924350	KA2303011, MIE	0	Default WFO Value	4809008	CHEQU	\$0.00	\$3,000,000.00	\$0.00	\$3,000,000.00	\$3,000,000.00
500	089-X-022:2015	2015	25400	Operation	KC0000000	C002853	2923769	KC0201010, Structure Of Materials	0	Default WFO Value	0	Default	\$0.00	\$3,393.61	\$0.00	\$3,393.61	\$3,393.61
500	089-X-022:2016	2016	25400	Operation	FS1000000	C000984	2923655	FS1005000, Cyber Security	0	Default WFO Value	0	Default	\$718,695.99	\$0.00	\$0.00	\$0.00	\$718,695.99
500	089-X-022:2016	2016	25400	Operation	KA0000000	C002852	2924355	KA2401012, National Laboratories	0	Default WFO Value	0	Default	\$872,897.65	\$0.00	\$0.00	\$0.00	\$872,897.65
500	089-X-022:2016	2016	25400	Operation	KC0000000	C002853	2923803	KC0301020, Chemical Physics	0	Default WFO Value	0	Default	\$268,939.89	\$0.00	\$0.00	\$0.00	\$268,939.89
500	089-X-022:2015	2015	25400	Operation	KA0000000	C002852	2924313	KA2101020, National Laboratories	0	Default WFO Value	485474	CHOPEI	\$620,981.62	\$0.00	\$0.00	\$0.00	\$620,981.62
500	089-X-022:2016	2016	25400	Operation	KB0000000	C001009	2923746	KB0301020, Theory, National Laboratory Research	0	Default WFO Value	0	Default	\$1,702,019.19	\$0.00	\$0.00	\$0.00	\$1,702,019.19
500	089-X-022:2016	2016	25400	Operation	FS1000000	C000984	2923658	FS1009000, Program Management	0	Default WFO Value	0	Default	\$502,270.24	\$0.00	\$0.00	\$0.00	\$502,270.24
500	089-X-022:2016	2016	25400	Operation	KC0000000	C002853	2923775	KC0202030, Condensed Matter Theory, Particle-Solid Interacti	0	Default WFO Value	0	Default	\$240,339.63	\$0.00	\$0.00	\$0.00	\$240,339.63
500	089-X-022:2016	2016	25400	Operation	KA0000000	C002852	2924314	KA2101030, University Service Accounts	0	Default WFO Value	0	Default	\$242,500.00	\$0.00	\$0.00	\$0.00	\$242,500.00
500	089-X-022:2012	2012	25400	Operation	KA0000000	C002852	2923679	KA1102080, Proton Facilities - Other	0	Default WFO Value	0	Default	\$22,965.75	-\$1,048.67	\$0.00	-\$1,048.67	\$21,917.08
500	089-X-022:2015	2015	25400	Operation	KJ0000000	C001018	2924137	KJ0404000, Next Generation Networking for Science	0	Default WFO Value	0	Default	\$220,490.65	-\$2,864.15	\$0.00	-\$2,864.15	\$217,626.50
500	089-X-022:2015	2015	31003	Other Equip	KC0000000	C002853	2923774	KC0202020, Experimental Condensed Matter Physics	0	Default WFO Value	485396	CHEQU	\$3,393.61	-\$3,393.61	\$0.00	-\$3,393.61	\$0.00
500	089-X-022:2016	2016	25400	Operation	KC0000000	C002853	2924447	KC0213010, Computational Materials Sciences	0	Default WFO Value	0	Default	\$2,875,000.00	\$0.00	\$0.00	\$0.00	\$2,875,000.00
500	089-X-022:2013	2013	31003	Other Equip	KA0000000	C002852	2924363	KA2403013, Other Projects	0	Default WFO Value	485396	CHEQU	\$13,302.54	-\$13,302.54	\$0.00	-\$13,302.54	\$0.00
500	089-X-022:2014	2014	25400	Operation	KP0000000	C001024	2924200	KP1601010, Foundational Genomics Research	0	Default WFO Value	0	Default	\$180,000.00	\$0.00	\$0.00	\$0.00	\$180,000.00
500	089-X-022:2016	2016	31003	Other Equip	KC0000000	C002853	2924233	KC0401040, National Synchrotron Light Source II (BNL)	0	Default WFO Value	485396	CHEQU	\$6,757,308.93	\$5,600,000.00	\$0.00	\$5,600,000.00	\$12,357,308.93
500	089-X-022:2016	2016	31003	Other Equip	KC0000000	C002853	2924242	KC0403020, Center for Functional Nanomaterials (BNL)	0	Default WFO Value	485396	CHEQU	\$2,135,454.47	\$0.00	\$0.00	\$0.00	\$2,135,454.47
500	089-X-022:2015	2015	25400	Operation	KA0000000	C002852	2924314	KA2101030, University Service Accounts	0	Default WFO Value	0	Default	\$52,821.41	\$0.00	\$0.00	\$0.00	\$52,821.41
500	089-X-022:2016	2016	25400	Operation	KL0000000	C001021	2924407	KL1002000, Community College Internship Program	0	Default WFO Value	0	Default	\$139,000.95	\$0.00	\$0.00	\$0.00	\$139,000.95
500	089-X-022:2016	2016	25400	Operation	KC0000000	C002853	2924305	KC0406020, Accelerator and Detector Research	0	Default WFO Value	0	Default	\$514,401.99	\$0.00	\$0.00	\$0.00	\$514,401.99
500	089-X-022:2017	2017	25400	Operation	FS1000000	C000984	2923655	FS1005000, Cyber Security	0	Default WFO Value	0	Default	\$0.00	\$2,098,000.00	\$0.00	\$2,098,000.00	\$2,098,000.00
500	089-X-022:2017	2017	25400	Operation	KA0000000	C002852	2924358	KA2401022, Scientific Computing	0	Default WFO Value	0	Default	\$0.00	\$352,000.00	\$0.00	\$352,000.00	\$352,000.00
500	089-X-022:2017	2017	25400	Operation	KJ0000000	C001018	2924476	KJ0403010, Computational Partnerships - SciDAC	0	Default WFO Value	0	Default	\$0.00	\$237,000.00	\$0.00	\$237,000.00	\$237,000.00
500	089-X-022:2017	2017	25400	Operation	KB0000000	C001009	2923749	KB0301042, Theory, Nuclear Data, National Laboratory Researc	0	Default WFO Value	0	Default	\$0.00	\$3,990,000.00	\$0.00	\$3,990,000.00	\$3,990,000.00
500	089-X-022:2017	2017	25400	Operation	FS1000000	C000984	2923654	FS1004000, Information Security	0	Default WFO Value	0	Default	\$0.00	\$509,000.00	\$0.00	\$509,000.00	\$509,000.00
500	089-X-022:2017	2017	25400	Operation	KL0000000	C001021	2924406	KL1001000, Science Undergraduate Laboratory Internship	0	Default WFO Value	0	Default	\$0.00	\$1,190,000.00	\$196,000.00	\$1,386,000.00	\$1,386,000.00
500	089-X-022:2017	2017	32001	Constructio	39KG01000	C003087	2924481	39KG01000PRN17SC73000 Core Facility Revitalization, BNL	0	Default WFO Value	0	Default	\$0.00	\$1,800,000.00	\$0.00	\$1,800,000.00	\$1,800,000.00
500	089-X-022:2017	2017	25400	Operation	KA0000000	C002852	2924346	KA2301020, National Laboratories	0	Default WFO Value	0	Default	\$0.00	\$1,300,000.00	\$0.00	\$1,300,000.00	\$1,300,000.00
500	089-X-022:2017	2017	25400	Operation	KB0000000	C001009	2923733	KB0201021, Heavy Ion, RHIC Research	0	Default WFO Value	0	Default	\$0.00	\$7,064,000.00	\$0.00	\$7,064,000.00	\$7,064,000.00
500	089-X-022:2017	2017	25400	Operation	KA0000000	C002852	2924328	KA2202010, Experimental Operations and Support	0	Default WFO Value	0	Default	\$0.00	\$975,000.00	\$0.00	\$975,000.00	\$975,000.00
500	089-X-022:2017	2017	25400	Operation	FS1000000	C000984	2923653	FS1002000, Security Systems	0	Default WFO Value	0	Default	\$0.00	\$896,000.00	\$0.00	\$896,000.00	\$896,000.00
500	089-X-022:2015	2015	25400	Operation	KC0000000	C002853	2924233	KC0401040, National Synchrotron Light Source II (BNL)	0	Default WFO Value	0	Default	\$0.00	\$41,574.49	\$0.00	\$41,574.49	\$41,574.49
500	089-X-022:2017	2017	25400	Operation	KP0000000	C001024	2924203	KP1601040, Computational Biosciences	0	Default WFO Value	0	Default	\$0.00	\$432,000.00	\$0.00	\$432,000.00	\$432,000.00
500	089-X-022:2017	2017	25400	Operation	KP0000000	C001024	2924209	KP1605010, Structural Biology Infrastructure	0	Default WFO Value	0	Default	\$0.00	\$2,480,000.00	\$0.00	\$2,480,000.00	\$2,480,000.00
500	089-X-022:2017	2017	31003	Other Equip	KC0000000	C002853	2924242	KC0403020, Center for Functional Nanomaterials (BNL)	0	Default WFO Value	485396	CHEQU	\$0.00	\$600,000.00	\$0.00	\$600,000.00	\$600,000.00
500	089-X-022:2016	2016	25400	Operation	KA0000000	C002852	2924357	KA2401021, Scientific Discovery through Advanced Computing (	0	Default WFO Value	0	Default	\$250,572.30	-\$266.57	\$0.00	-\$266.57	\$250,305.73
500	089-X-022:2016	2016	25400	Operation	KA0000000	C002852	2924368	KA2501021, LHC Accelerator Research	0	Default WFO Value	0	Default	\$171,563.78	\$0.00	\$0.00	\$0.00	\$171,563.78
500	089-X-022:2016	2016	32003	Accelerator	KA0000000	C002852	2924382	KA2602010, Accelerator Operations and Support	0	Default WFO Value	485395	CHAIP	\$338,106.61	\$0.00	\$0.00	\$0.00	\$338,106.61
500	089-X-022:2016	2016	25400	Operation	KP0000000	C001024	2924211	KP1701000, Atmospheric System Research	0	Default WFO Value	0	Default	\$1,492,685.68	\$0.00	\$0.00	\$0.00	\$1,492,685.68
500	089-X-022:2016	2016	25400	Operation	KA0000000	C002852	2924325	KA2201020, National Laboratories	0	Default WFO Value	0	Default	\$1,044,141.64	\$0.00	\$0.00	\$0.00	\$1,044,141.64
500	089-X-022:2016	2016	25400	Operation	KL0000000	C001021	2924406	KL1001000, Science Undergraduate Laboratory Internship	0	Default WFO Value	0	Default	\$657,357.42	\$0.00	\$0.00	\$0.00	\$657,357.42
500	089-X-022:2016	2016	31003	Other Equip	FS1000000	C000984	2923655	FS1005000, Cyber Security	0	Default WFO Value	485396	CHEQU	\$720,000.00	\$0.00	\$0.00	\$0.00	\$720,000.00
500	089-X-022:2016	2016	25400	Operation	KA0000000	C002852	2924336	KA2202090, Other Facilities	0	Default WFO Value	0	Default	\$385,000.00	\$0.00	\$0.00	\$0.00	\$385,000.00
500	089-X-022:2016	2016	25400	Operation	KA0000000	C002852	2924382	KA2602010, Accelerator Operations and Support	0	Default WFO Value	0	Default	\$439,869.04	\$0.00	\$0.00	\$0.00	\$439,869.04
500	089-X-022:2016	2016	25400	Operation	KJ0000000	C001018	2924135	KJ0402000, Computer Sciences Research	0	Default WFO Value	0	Default	\$500,000.00	\$0.00	\$0.00	\$0.00	\$500,000.00
500	089-X-022:2016	2016	25400	Operation	KP0000000	C001024	2924203	KP1601040, Computational Biosciences	0	Default WFO Value	0	Default	\$1,700,697.29	\$0.00	\$0.00	\$0.00	\$1,700,697.29
500	089-X-022:2014	2014	25400	Operation	KJ0000000	C001018	2924137	KJ0404000, Next Generation Networking for Science	0	Default WFO Value	0	Default	\$6,172.14	\$0.00	\$0.00	\$0.00	\$6,172.14
500	089-X-022:2016	2016	25400	Operation	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WFO Value	0	Default	\$5,608,896.89	\$0.00	\$0.00	\$0.00	\$5,608,896.89
500	089-X-022:2016	2016	25400	Operation	KB0000000	C001009	2923749	KB0301042, Theory, Nuclear Data, National Laboratory Researc	0	Default WFO Value	0	Default	\$435,882.54	\$0.00	\$0.00	\$0.00	\$435,882.54
500	089-X-022:2013	2013	25400	Operation	KJ0000000	C001018	2924137	KJ0404000, Next Generation Networking for Science	0	Default WFO Value	0	Default	\$88,613.67	\$0.00	\$0.00	\$0.00	\$88,613.67
500	089-X-022:2016	2016	31001	Major Item	KC0000000	C002853	2924289	KC0405060, NSLS-II Experimental Tools (NEXT)	0	Default WFO Value	485469	CHEQU	\$7,453,205.72	\$0.00	\$0.00	\$0.00	\$7,453,205.72
500	089-X-022:2016	2016	25400	Operation	KA0000000	C002852	2924358	KA2401022, Scientific Computing	0	Default WFO Value	0	Default	\$31,794.97	\$0.00	\$0.00	\$0.00	\$31,794.97
500	089-X-022:2017	2017	25400	Operation	KA0000000	C002852	2924319	KA2102090, Other Facilities	0	Default WFO Value	0	Default	\$0.00	\$165,000.00	\$0.00	\$165,000.00	\$165,000.00
500	089-X-022:2017	2017	25400	Operation	KA0000000	C002852	2924355	KA2401012, National Laboratories	0	Default WFO Value	0	Default	\$0.00	\$3,600,000.00	\$0.00	\$3,600,000.00	\$3,600,000.00
500	089-X-022:2017	2017	31001</														

Fund Code	Fund Code Title	Appropriation Year	Object Class	Object Class Title	Legacy B&R Control	OCL	Program	Program Title	WFO	WFO Title	Local Use	Local Use Code	Beginning Uncosted Obligations	Budget Authority Previous	Budget Authority Change	Budget Authority Revised	Total Available
500	089-X-022	2014	25400	Operation	KC0000000	C002853	2924233	KC0401040, National Synchrotron Light Source II (BNL)	0	Default WFO Value	0	Default	\$0.00	\$708,710.64	\$0.00	\$708,710.64	\$708,710.64
500	089-X-022	2017	25400	Operation	KP0000000	C001024	2924211	KP1701000, Atmospheric System Research	0	Default WFO Value	0	Default	\$0.00	\$4,830,000.00	\$0.00	\$4,830,000.00	\$4,830,000.00
500	089-X-022	2017	25400	Operation	FS1000000	C000984	2923658	FS1009000, Program Management	0	Default WFO Value	0	Default	\$0.00	\$785,000.00	\$0.00	\$785,000.00	\$785,000.00
500	089-X-022	2017	25400	Operation	KC0000000	C002853	2924294	KC0202040, Mechanical Behavior and Radiation Effects	0	Default WFO Value	0	Default	\$0.00	\$200,000.00	\$0.00	\$200,000.00	\$200,000.00
500	089-X-022	2017	25400	Operation	KB0000000	C001009	2924156	KB0201052, Heavy Ion Accelerator R&D Natl Lab Research	0	Default WFO Value	0	Default	\$0.00	\$782,000.00	\$0.00	\$782,000.00	\$782,000.00
500	089-X-022	2017	25400	Operation	KC0000000	C002853	2924447	KC0213010, Computational Materials Sciences	0	Default WFO Value	0	Default	\$0.00	\$2,875,000.00	\$0.00	\$2,875,000.00	\$2,875,000.00
500	089-X-022	2017	25400	Operation	KC0000000	C002853	2924233	KC0401040, National Synchrotron Light Source II (BNL)	0	Default WFO Value	0	Default	\$0.00	\$103,334,000.00	\$0.00	\$103,334,000.00	\$103,334,000.00
500	089-X-022	2017	25400	Operation	KA0000000	C002852	2924317	KA2102021, ATLAS Detector and Computing Support	0	Default WFO Value	0	Default	\$0.00	\$22,932,953.00	\$0.00	\$22,932,953.00	\$22,932,953.00
500	089-X-022	2017	25400	Operation	KC0000000	C002853	2924421	KC0406030, Long Term Surveillance and Maintenance	0	Default WFO Value	0	Default	\$0.00	\$7,225,000.00	\$0.00	\$7,225,000.00	\$7,225,000.00
500	089-X-022	2016	25400	Operation	KA0000000	C002852	2924313	KA2101020, National Laboratories	0	Default WFO Value	0	Default	\$1,606,137.72	\$0.00	\$0.00	\$0.00	\$1,606,137.72
500	089-X-022	2011	25400	Operation	KP0000000	C001024	2924206	KP1602020, Radiobiology	0	Default WFO Value	0	Default	\$133,299.29	-\$423.11	\$0.00	-\$423.11	\$132,876.18
500	089-X-022	2014	25400	Operation	KA0000000	C002852	2923680	KA1102811, Proton Facilities - Chng in Inventories, Special	0	Default WFO Value	0	Default	\$25,126.18	\$0.00	\$0.00	\$0.00	\$25,126.18
500	089-X-022	2014	25400	Operation	KP0000000	C001024	2924217	KP1703030, Integrated Assessment	0	Default WFO Value	0	Default	\$66.09	-\$66.09	\$0.00	-\$66.09	\$0.00
500	089-X-022	2016	25400	Operation	KB0000000	C001009	2923755	KB0401022, Low Energy, Other National Laboratory Research	0	Default WFO Value	0	Default	\$72,507.28	\$0.00	\$0.00	\$0.00	\$72,507.28
500	089-X-022	2007	25400	Operation	KP0000000	C001024	2923849	KP1102010, Molecular Biology	0	Default WFO Value	0	Default	\$1,581.19	\$0.00	\$0.00	\$0.00	\$1,581.19
500	089-X-022	2016	25400	Operation	KC0000000	C002853	2924405	KC0201060, Neutron and X-Ray Scatering	0	Default WFO Value	0	Default	\$974,600.96	\$0.00	\$0.00	\$0.00	\$974,600.96
500	089-X-022	2016	32001	Constructive	39KA00000	C002786	2924263	39KA00000PRN11SC40000, Long Baseline Neutrino Experiment (PE	0	Default WFO Value	0	Default	\$2,784,013.23	\$0.00	\$0.00	\$0.00	\$2,784,013.23
500	089-X-022	2016	25400	Operation	KC0000000	C002853	2924299	KC0304020, Physical Biosciences	0	Default WFO Value	0	Default	\$1,357,113.79	\$0.00	\$0.00	\$0.00	\$1,357,113.79
500	089-X-022	2015	31003	Other Equip	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WFO Value	485396	CHEQU	\$52,139.75	\$0.00	\$0.00	\$0.00	\$52,139.75
500	089-X-022	2016	25400	Operation	KC0000000	C002853	2924460	KC0301050, Condensed Phase & Interfacial Molecular Science	0	Default WFO Value	0	Default	\$63,125.86	\$0.00	\$0.00	\$0.00	\$63,125.86
500	089-X-022	2016	25400	Operation	KC0000000	C002853	2923769	KC0201010, Structure Of Materials	0	Default WFO Value	0	Default	\$1,977,142.14	\$0.00	\$0.00	\$0.00	\$1,977,142.14
500	089-X-022	2015	25400	Operation	KC0000000	C002853	2924232	KC0401030, National Synchrotron Light Source (BNL)	0	Default WFO Value	0	Default	\$90,348.79	-\$41,574.49	\$0.00	-\$41,574.49	\$48,774.30
500	089-X-022	2015	25400	Operation	KP0000000	C001024	2924216	KP1703020, Earth System Modeling	0	Default WFO Value	0	Default	\$42,767.36	\$0.00	\$0.00	\$0.00	\$42,767.36
500	089-X-022	2016	31003	Other Equip	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WFO Value	485396	CHEQU	\$1,594,000.00	\$0.00	\$0.00	\$0.00	\$1,594,000.00
500	089-X-022	2017	25400	Operation	KB0000000	C001009	2923746	KB0301020, Theory, National Laboratory Research	0	Default WFO Value	0	Default	\$0.00	\$4,125,000.00	\$0.00	\$4,125,000.00	\$4,125,000.00
500	089-X-022	2017	31003	Other Equip	KA0000000	C002852	2924363	KA2403013, Other Projects	0	Default WFO Value	485396	CHEQU	\$0.00	\$750,000.00	\$0.00	\$750,000.00	\$750,000.00
500	089-X-022	2017	25400	Operation	KA0000000	C002852	2924371	KA2501032, National Laboratories	0	Default WFO Value	0	Default	\$0.00	\$1,200,000.00	\$0.00	\$1,200,000.00	\$1,200,000.00
500	089-X-022	2017	25400	Operation	KP0000000	C001024	2924200	KP1601010, Foundational Genomics Research	0	Default WFO Value	0	Default	\$0.00	\$918,000.00	\$0.00	\$918,000.00	\$918,000.00
500	089-X-022	2014	25400	Operation	KC0000000	C002853	2924300	KC0304030, Solar Photochemistry	0	Default WFO Value	0	Default	\$0.00	\$1,164.17	\$0.00	\$1,164.17	\$1,164.17
500	089-X-022	2017	25400	Operation	KA0000000	C002852	2924363	KA2403013, Other Projects	0	Default WFO Value	0	Default	\$0.00	\$380,000.00	\$0.00	\$380,000.00	\$380,000.00
500	089-X-022	2017	25400	Operation	KJ0000000	C001018	2924137	KJ0404000, Next Generation Networking for Science	0	Default WFO Value	0	Default	\$0.00	\$730,000.00	\$0.00	\$730,000.00	\$730,000.00
500	089-X-022	2017	25400	Operation	KA0000000	C002852	2924314	KA2101030, University Service Accounts	0	Default WFO Value	0	Default	\$0.00	\$133,670.00	\$0.00	\$133,670.00	\$133,670.00
510	089-X-022	2016	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Research And Development Agreements	4860892	CHAGR87283	0	Default	\$127,652.31	-\$173.18	\$0.00	-\$173.18	\$127,479.13
510	089-X-022	2014	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Research And Development Agreements	4860866	CHAGR87261	0	Default	\$7,384.70	-\$7,384.70	\$0.00	-\$7,384.70	\$0.00
510	089-X-022	2015	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Research And Development Agreements	4860797	CHAGR87174	0	Default	\$6,782.16	-\$397.65	\$0.00	-\$397.65	\$6,384.51
510	089-X-022	2016	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Research And Development Agreements	4860747	CHAGR87105	0	Default	\$90,913.13	\$0.00	\$0.00	\$0.00	\$90,913.13
510	089-X-022	2016	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Research And Development Agreements	4860958	CHAGR87361	0	Default	\$0.08	\$0.00	\$0.00	-\$0.08	\$0.00
510	089-X-022	2016	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Research And Development Agreements	4860926	CHAGR87289	0	Default	\$34,951.46	\$0.00	\$0.00	\$0.00	\$34,951.46
510	089-X-022	2016	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Research And Development Agreements	4860983	CHAGR84051	0	Default	\$7,979.17	-\$146.16	\$0.00	-\$146.16	\$7,833.01
510	089-X-022	2016	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Research And Development Agreements	4861014	CHAGR84075	0	Default	\$75,000.00	\$0.00	\$0.00	\$0.00	\$75,000.00
510	089-X-022	2015	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Research And Development Agreements	4860839	CHAGR87245	0	Default	\$223.96	-\$222.26	\$0.00	-\$222.26	\$1.70
510	089-X-022	2017	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Research And Development Agreements	4861014	CHAGR84075	0	Default	\$0.00	\$10,887.77	\$0.00	\$10,887.77	\$10,887.77
510	089-X-022	2017	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Research And Development Agreements	4861036	CHAGR84063	0	Default	\$0.00	\$97,087.38	\$0.00	\$97,087.38	\$97,087.38
510	089-X-022	2016	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Research And Development Agreements	4860934	CHAGR87395	0	Default	\$211,230.10	\$0.00	\$0.00	\$0.00	\$211,230.10
510	089-X-022	2017	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Research And Development Agreements	4861004	CHAGR84181	0	Default	\$0.00	\$92,233.01	\$0.00	\$92,233.01	\$92,233.01
510	089-X-022	2017	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Research And Development Agreements	4860747	CHAGR87105	0	Default	\$0.00	\$287,940.79	\$0.00	\$287,940.79	\$287,940.79
510	089-X-022	2017	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Research And Development Agreements	4860934	CHAGR87395	0	Default	\$0.00	\$20,000.00	\$0.00	\$20,000.00	\$20,000.00
511	089-X-022	2014	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860840	CHAGR87246	0	Default	\$9,492.10	\$0.00	\$0.00	\$0.00	\$9,492.10
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860977	CHAGR87386	0	Default	\$11,474.22	\$0.00	\$0.00	\$0.00	\$11,474.22
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860686	CHAGR87872	0	Default	\$20,689.98	\$0.00	\$0.00	\$0.00	\$20,689.98
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860944	CHAGR87355	0	Default	\$8,509.56	-\$3,272.80	\$0.00	-\$3,272.80	\$5,236.76
511	089-X-022	2016	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4860975	CHAGR87384	0	Default	\$40,638.41	\$0.00	\$0.00	\$0.00	\$40,638.41
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860868	CHAGR87263	0	Default	\$3,753.21	-\$3,753.21	\$0.00	-\$3,753.21	\$0.00
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860577	CHAGR87035	0	Default	\$2,163.30	-\$10,000.00	\$0.00	-\$10,000.00	-\$7,836.70
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861003	CHAGR84070	0	Default	\$83,388.97	\$0.00	\$0.00	\$0.00	\$83,388.97
511	089-X-022	2016	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4860924	CHAGR87412	0	Default					

Fund Code	Fund Code Title	Appropriation Year	Object Class	Object Class Title	Legacy B&R Control	OCL	Program	Program Title	WFO	WFO Title	Local Use	Local Use Code	Beginning Uncosted Obligations	Budget Authority Previous	Budget Authority Change	Budget Authority Revised	Total Available
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861020	CHAGR84072	0	Default	\$0.00	\$242,103.30	\$0.00	\$242,103.30	\$242,103.30
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861003	CHAGR84070	0	Default	\$0.00	\$174,262.88	\$0.00	\$174,262.88	\$174,262.88
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861021	CHAGR84073	0	Default	\$0.00	\$35,175.67	\$0.00	\$35,175.67	\$35,175.67
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860943	CHAGR87390	0	Default	\$0.00	\$32,719.36	\$0.00	\$32,719.36	\$32,719.36
511	089-X-022	2017	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4860975	CHAGR87384	0	Default	\$0.00	\$32,885.24	\$0.00	\$32,885.24	\$32,885.24
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860989	CHAGR84058	0	Default	\$0.00	\$20,000.00	\$0.00	\$20,000.00	\$20,000.00
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861034	CHAGR84086	0	Default	\$0.00	\$66,262.37	\$0.00	\$66,262.37	\$66,262.37
511	089-X-022	2017	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4860874	CHAGR87280	0	Default	\$0.00	\$74,087.69	\$0.00	\$74,087.69	\$74,087.69
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860949	CHAGR87358	0	Default	\$71,848.46	-\$26,593.12	\$0.00	-\$26,593.12	\$45,255.34
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860976	CHAGR87385	0	Default	\$3,072.52	-\$3,072.52	\$0.00	-\$3,072.52	\$0.00
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860999	CHAGR84100	0	Default	\$39,948.28	-\$39.38	\$0.00	-\$39.38	\$39,908.90
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860811	CHAGR87216	0	Default	\$3,496.65	-\$3,496.65	\$0.00	-\$3,496.65	\$0.00
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860854	CHAGR87257	0	Default	\$3,348.85	-\$97.46	\$0.00	-\$97.46	\$3,251.39
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860986	CHAGR84054	0	Default	\$120.20	\$0.00	\$0.00	\$0.00	\$120.20
511	089-X-022	2016	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4860978	CHAGR87387	0	Default	\$2,812.51	\$0.00	\$0.00	\$0.00	\$2,812.51
511	089-X-022	2016	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4860956	CHAGR87360	0	Default	\$6,176.33	-\$6,176.33	\$0.00	-\$6,176.33	\$0.00
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860946	CHAGR87357	0	Default	\$0.00	\$176,049.14	\$0.00	\$176,049.14	\$176,049.14
511	089-X-022	2017	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4860800	CHAGR87197	0	Default	\$0.00	\$75,728.16	\$0.00	\$75,728.16	\$75,728.16
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860748	CHAGR87106	0	Default	\$0.00	\$34,468.16	\$0.00	\$34,468.16	\$34,468.16
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861043	CHAGR84103	0	Default	\$0.00	\$110,437.28	\$0.00	\$110,437.28	\$110,437.28
511	089-X-022	2015	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860868	CHAGR87263	0	Default	\$14,199.38	-\$14,199.37	\$0.00	-\$14,199.37	\$0.01
511	089-X-022	2015	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860880	CHAGR87277	0	Default	\$11,542.04	-\$3,346.80	\$0.00	-\$3,346.80	\$8,195.24
511	089-X-022	2016	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4860813	CHAGR87217	0	Default	\$18,066.55	\$0.00	\$0.00	\$0.00	\$18,066.55
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860981	CHAGR87389	0	Default	\$0.02	-\$0.02	\$0.00	-\$0.02	\$0.00
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860985	CHAGR84053	0	Default	\$2,473.53	-\$2,473.53	\$0.00	-\$2,473.53	\$0.00
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860943	CHAGR87390	0	Default	\$375,478.83	\$0.00	\$0.00	\$0.00	\$375,478.83
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861023	CHAGR84077	0	Default	\$0.00	\$136,730.71	\$0.00	\$136,730.71	\$136,730.71
511	089-X-022	2017	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4860984	CHAGR84052	0	Default	\$0.00	\$74,314.20	\$0.00	\$74,314.20	\$74,314.20
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861027	CHAGR84079	0	Default	\$0.00	\$22,087.45	\$0.00	\$22,087.45	\$22,087.45
511	089-X-022	2017	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4861032	CHAGR84163	0	Default	\$0.00	\$87,378.64	\$0.00	\$87,378.64	\$87,378.64
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860916	CHAGR87285	0	Default	\$0.00	\$59,993.22	\$0.00	\$59,993.22	\$59,993.22
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861033	CHAGR84085	0	Default	\$0.00	\$30,000.00	\$0.00	\$30,000.00	\$30,000.00
511	089-X-022	2016	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4860800	CHAGR87197	0	Default	\$15,420.15	\$0.00	\$0.00	\$0.00	\$15,420.15
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860878	CHAGR87268	0	Default	\$24,660.64	-\$24,660.64	\$0.00	-\$24,660.64	\$0.00
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860936	CHAGR87293	0	Default	\$6,865.03	\$0.00	\$0.00	\$0.00	\$6,865.03
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860963	CHAGR87370	0	Default	\$548.42	-\$548.42	\$0.00	-\$548.42	\$0.00
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861016	CHAGR84068	0	Default	\$0.00	\$28,112.30	\$0.00	\$28,112.30	\$28,112.30
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861044	CHAGR84104	0	Default	\$0.00	\$27,609.32	\$0.00	\$27,609.32	\$27,609.32
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860977	CHAGR87386	0	Default	\$0.00	\$126,823.31	\$0.00	\$126,823.31	\$126,823.31
511	089-X-022	2017	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4860813	CHAGR87217	0	Default	\$0.00	\$195,875.73	\$0.00	\$195,875.73	\$195,875.73
511	089-X-022	2017	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4861001	CHAGR84164	0	Default	\$0.00	\$31,491.26	\$0.00	\$31,491.26	\$31,491.26
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860928	CHAGR87371	0	Default	\$0.00	\$115,742.00	\$0.00	\$115,742.00	\$115,742.00
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861017	CHAGR84112	0	Default	\$0.00	\$8,000.00	\$0.00	\$8,000.00	\$8,000.00
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861026	CHAGR84090	0	Default	\$0.00	\$115,000.00	\$0.00	\$115,000.00	\$115,000.00
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860880	CHAGR87277	0	Default	\$3,397.00	\$0.00	\$0.00	\$0.00	\$3,397.00
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860946	CHAGR87357	0	Default	\$70,958.66	\$0.00	\$0.00	\$0.00	\$70,958.66
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860916	CHAGR87285	0	Default	\$3,767.67	\$0.00	\$0.00	\$0.00	\$3,767.67
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860990	CHAGR84060	0	Default	\$104,046.13	-\$70,594.98	\$0.00	-\$70,594.98	\$33,451.15
511	089-X-022	2017	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4861015	CHAGR84099	0	Default	\$0.00	\$2,217,330.10	\$0.00	\$2,217,330.10	\$2,217,330.10
511	089-X-022	2017	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4860978	CHAGR87387	0	Default	\$0.00	\$82,759.57	\$0.00	\$82,759.57	\$82,759.57
511	089-X-022	2016	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4860919	CHAGR87364	0	Default	\$35,369.90	-\$14.52	\$0.00	-\$14.52	\$35,355.38
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860929	CHAGR87290	0	Default	\$2,034.98	-\$121.46	\$0.00	-\$121.46	\$1,913.52
511	089-X-022	2016	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4861001	CHAGR84164	0	Default	\$26,257.02	\$0.00	\$0.00	\$0.00	\$26,257.02
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860931	CHAGR87291	0	Default	\$2,111.25	\$0.00	\$0.00	\$0.00	\$2,111.25
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860972	CHAGR87382	0	Default	\$20,444.14	-\$14,769.43	\$0.00	-\$14,769.43	\$5,674.71
511	089-X-022	2016	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4860874	CHAGR87280	0	Default	\$113,277.89	\$0.00	\$0.00	\$0.00	\$113,277.89
511	089-X-022	2016	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4860908	CHAGR87284	0	Default	\$1,845.92	-\$55.50	\$0.00	-\$55.50	\$1,790.42
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861042	CHAGR84089	0	Default	\$0.00	\$8,800.00	\$0.00	\$8,800.00	\$8,800.00

Fund Code	Fund Code Title	Appropriation Year	Object Class	Object Class Title	Legacy B&R Control	OCL	Program	Program Title	WFO	WFO Title	Local Use	Local Use Code	Beginning Uncosted Obligations	Budget Authority Previous	Budget Authority Change	Budget Authority Revised	Total Available
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861019	CHAGR84071	0	Default	\$0.00	\$5,304.23	\$0.00	\$5,304.23	\$5,304.23
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861018	CHAGR84069	0	Default	\$0.00	\$14,321.38	\$0.00	\$14,321.38	\$14,321.38
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860971	CHAGR87368	0	Default	\$0.00	\$206,136.69	\$0.00	\$206,136.69	\$206,136.69
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860949	CHAGR87358	0	Default	\$0.00	\$103,987.74	\$0.00	\$103,987.74	\$103,987.74
511	089-X-022	2015	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860883	CHAGR87278	0	Default	\$1,002.84	-\$1,002.84	\$0.00	-\$1,002.84	\$0.00
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860748	CHAGR87106	0	Default	\$60,105.55	\$0.00	\$0.00	\$0.00	\$60,105.55
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860998	CHAGR84064	0	Default	\$15,000.00	-\$367.62	\$0.00	-\$367.62	\$14,632.38
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860922	CHAGR87287	0	Default	\$40,366.79	-\$40,358.77	\$0.00	-\$40,358.77	\$8.02
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860928	CHAGR87371	0	Default	\$908.26	\$0.00	\$0.00	\$0.00	\$908.26
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860883	CHAGR87278	0	Default	\$327.03	-\$327.03	\$0.00	-\$327.03	\$0.00
511	089-X-022	2015	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860857	CHAGR87258	0	Default	\$1,701.35	-\$1,701.35	\$0.00	-\$1,701.35	\$0.00
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860969	CHAGR87369	0	Default	\$42,584.48	\$0.00	\$0.00	\$0.00	\$42,584.48
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860871	CHAGR87266	0	Default	\$13,578.50	\$0.00	\$0.00	\$0.00	\$13,578.50
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860893	CHAGR87363	0	Default	\$7,832.17	-\$1,533.21	\$0.00	-\$1,533.21	\$6,298.96
511	089-X-022	2014	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860871	CHAGR87266	0	Default	\$238,428.09	\$0.00	\$0.00	\$0.00	\$238,428.09
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860987	CHAGR84056	0	Default	\$51,066.81	-\$50,006.48	\$0.00	-\$50,006.48	\$1,060.33
511	089-X-022	2016	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4801577	CH AGR87807	0	Default	\$1,904.38	\$0.00	\$0.00	\$0.00	\$1,904.38
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861022	CHAGR84113	0	Default	\$0.00	\$7,716,019.08	\$0.00	\$7,716,019.08	\$7,716,019.08
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861009	CHAGR84182	0	Default	\$0.00	\$13,508.03	\$0.00	\$13,508.03	\$13,508.03
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860986	CHAGR84054	0	Default	\$0.00	\$44,298.20	\$0.00	\$44,298.20	\$44,298.20
511	089-X-022	2017	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4801577	CH AGR87807	0	Default	\$0.00	\$45,631.06	\$0.00	\$45,631.06	\$45,631.06
511	089-X-022	2017	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4861040	CHAGR84102	0	Default	\$0.00	\$43,689.32	\$0.00	\$43,689.32	\$43,689.32
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860982	CHAGR84050	0	Default	\$0.00	\$180,472.00	\$0.00	\$180,472.00	\$180,472.00
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860935	CHAGR87292	0	Default	\$0.04	-\$0.04	\$0.00	-\$0.04	\$0.00
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860831	CHAGR87242	0	Default	\$20,850.43	\$0.00	\$0.00	\$0.00	\$20,850.43
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860731	CHAGR87344	0	Default	\$70,279.39	-\$70,279.39	\$0.00	-\$70,279.39	\$0.00
511	089-X-022	2016	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4860988	CHAGR84057	0	Default	\$4.30	-\$4.30	\$0.00	-\$4.30	\$0.00
511	089-X-022	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860971	CHAGR87368	0	Default	\$46,830.12	\$0.00	\$0.00	\$0.00	\$46,830.12
511	089-X-022	2016	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4861000	CHAGR84066	0	Default	\$2,475.82	-\$14.01	\$0.00	-\$14.01	\$2,461.81
511	089-X-022	2016	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4860984	CHAGR84052	0	Default	\$2,632.19	\$0.00	\$0.00	\$0.00	\$2,632.19
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861045	CHAGR84098	0	Default	\$0.00	\$11,044.00	\$0.00	\$11,044.00	\$11,044.00
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861028	CHAGR84101	0	Default	\$0.00	\$11,407.77	\$0.00	\$11,407.77	\$11,407.77
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861029	CHAGR84084	0	Default	\$0.00	\$31,500.00	\$0.00	\$31,500.00	\$31,500.00
511	089-X-022	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860936	CHAGR87293	0	Default	\$0.00	\$17,555.57	\$0.00	\$17,555.57	\$17,555.57
517	089-X-022	2016	25400	Operation	456100000	C003005	6600207	4561675CO, Office of Science (SC)	4860826	CHAGR87228	0	Default	\$23,465.53	\$0.00	\$0.00	\$0.00	\$23,465.53
517	089-X-022	2016	25400	Operation	456100000	C003005	6600207	4561675CO, Office of Science (SC)	4860834	CHAGR87231	0	Default	\$200,083.97	\$0.00	\$0.00	\$0.00	\$200,083.97
517	089-X-022	2015	25400	Operation	456100000	C003005	6600207	4561675CO, Office of Science (SC)	4860823	CHAGR87225	0	Default	\$53,343.14	\$0.00	\$0.00	\$0.00	\$53,343.14
517	089-X-022	2017	25400	Operation	456100000	C003005	6600207	4561675CO, Office of Science (SC)	4860834	CHAGR87231	0	Default	\$0.00	\$50,000.00	\$0.00	\$50,000.00	\$50,000.00
517	089-X-022	2017	25400	Operation	456100000	C003005	6600207	4561675CO, Office of Science (SC)	4861010	CHAGR87353	0	Default	\$0.00	\$1,699,029.13	\$0.00	\$1,699,029.13	\$1,699,029.13
679	089-15/16	2015	25400	Operation	WA2200000	C001104	2822390	WA2230100, Other Related Expenses - Contractual Services	0	Default WFO Value	302064	Climate	\$40,000.00	\$0.00	\$0.00	\$0.00	\$40,000.00
681	089-14/15	2014	25400	Operation	WA2200000	C001104	2822390	WA2230100, Other Related Expenses - Contractual Services	0	Default WFO Value	0	Default	\$54,145.26	\$0.00	\$0.00	\$0.00	\$54,145.26
692	089-14/15	2014	25400	Operation	WN0000000	C001118	1721222	WN0219060, State and Local Governments and Non-Profit Organi	4860825	CHAGR87227	0	Default	\$17,728.79	\$0.00	\$0.00	\$0.00	\$17,728.79
900	089-X-024	2016	25400	Operation	DP0909000	C002955	2223112	DP0909010, Nuclear Criticality Safety Program	0	Default WFO Value	0	Default	\$28,101.77	\$0.00	\$0.00	\$0.00	\$28,101.77
900	089-X-024	2015	25400	Operation	DP4000000	C000925	2221791	DP4015042 - Direct Response Program	0	Default WFO Value	0	Default	\$256.73	\$0.00	\$0.00	\$0.00	\$256.73
900	089-X-024	2015	25400	Operation	DP4000000	C000925	2221792	DP4015043 - Exercise Program	0	Default WFO Value	0	Default	\$1,659.63	\$0.00	\$0.00	\$0.00	\$1,659.63
900	089-X-024	2015	25400	Operation	DP8000000	C002982	2222989	DP8000000, Counterterrorism and Counterproliferation Program	0	Default WFO Value	0	Default	\$50,000.00	\$0.00	\$0.00	\$0.00	\$50,000.00
900	089-X-024	2017	25400	Operation	DP0909000	C002955	2223112	DP0909010, Nuclear Criticality Safety Program	0	Default WFO Value	0	Default	\$0.00	\$216,000.00	\$0.00	\$216,000.00	\$216,000.00
900	089-X-024	2014	25400	Operation	DP1204000	C000912	2220743	DP1204010, Secondary Assessment Technologies	0	Default WFO Value	0	Default	\$2,310.04	\$0.00	\$0.00	\$0.00	\$2,310.04
900	089-X-024	2014	25400	Operation	DP4000000	C000925	2222480	DP4011093, Nuclear Counterterrorism	0	Default WFO Value	0	Default	\$2,057.91	\$0.00	\$0.00	\$0.00	\$2,057.91
900	089-X-024	2015	25400	Operation	DP4000000	C000925	2221775	DP4015011 - Radiological Assistance Program	0	Default WFO Value	0	Default	\$0.01	\$0.00	\$0.00	\$0.00	\$0.01
1050	089-X-024	2017	25400	Operation	HQ0000000	C002425	3184701	HQ1001000, Worker Advocacy	0	Default WFO Value	0	Default	\$0.00	\$35,000.00	\$0.00	\$35,000.00	\$35,000.00
1050	089-X-024	2015	25400	Operation	HQ0000000	C002425	3184701	HQ1001000, Worker Advocacy	0	Default WFO Value	0	Default	\$13,885.65	\$0.00	\$0.00	\$0.00	\$13,885.65
1060	089-X-024	2016	25400	Operation	GD6000000	C002970	3203769	GD6020900, Office of The SCIO	0	Default WFO Value	0	Default	\$284,128.50	\$0.00	\$0.00	\$0.00	\$284,128.50
1060	089-X-024	2017	25400	Operation	GD6000000	C002970	3203769	GD6020900, Office of The SCIO	0	Default WFO Value	0	Default	\$0.00	\$706,772.00	\$0.00	\$706,772.00	\$706,772.00
1060	089-X-024	2017	25400	Operation	GD6000000	C002970	3203764	GD6020400, CI Training	0	Default WFO Value	0	Default	\$0.00	\$25,765.00	\$0.00	\$25,765.00	\$25,765.00
1060	089-X-024	2016	25400	Operation	GD6000000	C002970	3203764	GD6020400, CI Training	0	Default WFO Value	0	Default	\$27,779.43	\$0.00	\$0.00	\$0.00	\$27,779.43
1060	089-X-024	2016	25400	Operation	GD6000000	C002970	3203779	GD6050100, CYBER & OPERATIONS	0	Default WFO Value	0	Default	\$31,971.53	\$0.00	\$0.00	\$0.00	\$31,971.53
1060	089-X-024	2017	25400	Operation	GD6000000	C002970	3203763	GD6020300, Investigations	0	Default WFO Value	0	Default	\$0.00	\$1,376,130.00	\$0.00	\$1,376,130.00	\$1,376,130.00

Fund Code	Fund Code Title	Appropriation Year	Object Class	Object Class Title	Legacy B&R Control	OCL	Program	Program Title	WFO	WFO Title	Local Use	Local Use Code	Beginning Uncosted Obligations	Budget Authority Previous	Budget Authority Change	Budget Authority Revised	Total Available
1060	089-X-024	2017	25400	Operation	GD6000000	C002970	3203780	GD6050200, Technical Services	0	Default WFO Value	0	Default	\$0.00	\$319,364.00	\$0.00	\$319,364.00	\$319,364.00
1060	089-X-024	2016	25400	Operation	GD6000000	C002970	3203761	GD6020100, Analysis	0	Default WFO Value	0	Default	\$95,177.67	\$0.00	\$0.00	\$0.00	\$95,177.67
1060	089-X-024	2015	25400	Operation	GD2500000	C002546	3203755	GD2540250, CI Training	0	Default WFO Value	0	Default	\$38,022.43	\$0.00	\$0.00	\$0.00	\$38,022.43
1060	089-X-024	2017	25400	Operation	GD6000000	C002970	3203761	GD6020100, Analysis	0	Default WFO Value	0	Default	\$0.00	\$319,585.00	\$0.00	\$319,585.00	\$319,585.00
1060	089-X-024	2016	25400	Operation	GD6000000	C002970	3203763	GD6020300, Investigations	0	Default WFO Value	0	Default	\$620,975.87	\$0.00	\$0.00	\$0.00	\$620,975.87
1060	089-X-024	2017	25400	Operation	GD6000000	C002970	3203779	GD6050100, CYBER & OPERATIONS	0	Default WFO Value	0	Default	\$0.00	\$300,000.00	\$0.00	\$300,000.00	\$300,000.00
1079	089-16/17	2016	25400	Operation	CS0000000	C000892	1713352	CS7000000, Integrated Joint Cybersecurity Coordination Cente	0	Default WFO Value	0	Default	\$173,407.96	\$0.00	\$0.00	\$0.00	\$173,407.96
1551	089-X-030	2015	25400	Operation	NN9300000	C002936	2222890	NN9301000, Domestic Nuclear and Radiological Material Protec	0	Default WFO Value	0	Default	\$50,000.00	\$0.00	\$0.00	\$0.00	\$50,000.00
1551	089-X-030	2014	25400	Operation	NN5000000	C001058	2221241	NN5004020, In-Country Costs for Russia/Newly Independent Sta	0	Default WFO Value	0	Default	\$303,914.10	-\$281,280.00	\$0.00	-\$281,280.00	\$22,634.10
1551	089-X-030	2016	25400	Operation	DN1003000	C003036	2223063	DN1003011, U.S. Costs for Russia/Newly Independent State Pro	0	Default WFO Value	0	Default	\$40,000.00	\$0.00	\$0.00	\$0.00	\$40,000.00
1551	089-X-030	2015	25400	Operation	NN5000000	C001058	2221235	NN5002020, In-Country Costs for Russia/Newly Independent Sta	0	Default WFO Value	0	Default	\$612,798.16	\$685,270.00	\$0.00	\$685,270.00	\$1,298,068.16
1551	089-X-030	2017	25400	Operation	CT0000000	C003007	2223020	CT8401000, Radiological Assistance Program (RAP)	0	Default WFO Value	0	Default	\$0.00	\$3,010,000.00	\$0.00	\$3,010,000.00	\$3,010,000.00
1551	089-X-030	2017	25400	Operation	CT0000000	C003007	2223023	CT8404010, Evaluation, Exercise, Readiness, and Response Sup	0	Default WFO Value	0	Default	\$0.00	\$239,000.00	\$0.00	\$239,000.00	\$239,000.00
1551	089-X-030	2015	25400	Operation	NN4000000	C001056	2222717	NN4009010, Safeguards Policy and Human Resources	0	Default WFO Value	0	Default	\$90,568.64	\$0.00	\$0.00	\$0.00	\$90,568.64
1551	089-X-030	2013	25400	Operation	NN4000000	C001056	2222721	NN4010010, International Nonproliferation Export Control	0	Default WFO Value	0	Default	\$7,926.55	\$0.00	\$0.00	\$0.00	\$7,926.55
1551	089-X-030	2014	25400	Operation	NN5000000	C001058	2221235	NN5002020, In-Country Costs for Russia/Newly Independent Sta	0	Default WFO Value	0	Default	\$1,797,650.48	-\$666,770.00	\$0.00	-\$666,770.00	\$1,130,880.48
1551	089-X-030	2017	25400	Operation	DN3001000	C003039	2223079	DN3001010, Highly Enriched Uranium (HEU) Reactor Conversion	0	Default WFO Value	0	Default	\$0.00	\$24,909.00	\$0.00	\$24,909.00	\$24,909.00
1551	089-X-030	2017	25400	Operation	DN4000000	C003042	2223096	DN4001030, Safeguards Technology Development	0	Default WFO Value	0	Default	\$0.00	\$585,000.00	\$0.00	\$585,000.00	\$585,000.00
1551	089-X-030	2017	25400	Operation	DN1003000	C003036	2223063	DN1003011, U.S. Costs for Russia/Newly Independent State Pro	0	Default WFO Value	0	Default	\$0.00	\$400,000.00	\$0.00	\$400,000.00	\$400,000.00
1551	089-X-030	2014	25400	Operation	NN5000000	C001058	2222878	NN5070010, U.S. Costs for Russia/Newly Independent States Pr	0	Default WFO Value	0	Default	\$12,375.31	-\$13,524.04	\$0.00	-\$13,524.04	-\$1,148.73
1551	089-X-030	2016	25400	Operation	DN2000000	C003038	2223076	DN2001000, Proliferation Detection	0	Default WFO Value	0	Default	\$367,968.12	\$0.00	\$0.00	\$0.00	\$367,968.12
1551	089-X-030	2016	25400	Operation	DN4000000	C003042	2223103	DN4004010, Global Regimes	0	Default WFO Value	0	Default	\$134,656.26	\$0.00	\$0.00	\$0.00	\$134,656.26
1551	089-X-030	2015	25400	Operation	NN2000000	C001052	2221132	NN2001000, Nonproliferation Detection	0	Default WFO Value	0	Default	\$40,296.10	\$0.00	\$0.00	\$0.00	\$40,296.10
1551	089-X-030	2015	25400	Operation	NN4000000	C001056	2222719	NN4009030, Safeguards Technology Development	0	Default WFO Value	0	Default	\$28,488.59	-\$18,567.31	\$0.00	-\$18,567.31	\$9,921.28
1551	089-X-030	2015	25400	Operation	NN9100000	C002938	2222883	NN9100000, Highly Enriched Uranium (HEU) Reactor Conversion	0	Default WFO Value	0	Default	\$4,283.61	\$0.00	\$0.00	\$0.00	\$4,283.61
1551	089-X-030	2015	25400	Operation	NN5000000	C001058	2222878	NN5070010, U.S. Costs for Russia/Newly Independent States Pr	0	Default WFO Value	0	Default	\$1,148.73	\$0.00	\$0.00	\$0.00	\$1,148.73
1551	089-X-030	2013	25400	Operation	NN5000000	C001058	2222811	NN5003040, US Costs for Non Russia/Non-Newly Independent Sta	0	Default WFO Value	0	Default	\$2,868.79	\$0.00	\$0.00	\$0.00	\$2,868.79
1551	089-X-030	2015	25400	Operation	NN4000000	C001056	2222732	NN4012030, Multilateral Supplier Policy	0	Default WFO Value	0	Default	\$3,279.15	-\$0.15	\$0.00	-\$0.15	\$3,279.00
1551	089-X-030	2016	25400	Operation	DN4000000	C003042	2223096	DN4001030, Safeguards Technology Development	0	Default WFO Value	0	Default	\$24,431.56	\$0.00	\$0.00	\$0.00	\$24,431.56
1551	089-X-030	2016	25400	Operation	CT0000000	C003007	2223020	CT8401000, Radiological Assistance Program (RAP)	0	Default WFO Value	0	Default	\$75,498.15	\$0.00	\$0.00	\$0.00	\$75,498.15
1551	089-X-030	2017	25400	Operation	DN3001000	C003039	2223080	DN3001020, Molybdenum-99 (Mo-99)	0	Default WFO Value	0	Default	\$0.00	\$30,000.00	\$0.00	\$30,000.00	\$30,000.00
1551	089-X-030	2015	25400	Operation	NN4000000	C001056	2222727	NN4011010, Warhead Dismantlement and Fissile Material Transp	0	Default WFO Value	0	Default	\$0.03	-\$0.03	\$0.00	-\$0.03	\$0.00
1551	089-X-030	2016	25400	Operation	DN4000000	C003042	2223095	DN4001020, Safeguards Engagement (INSEP)	0	Default WFO Value	0	Default	\$543,679.17	-\$2,196.00	\$0.00	-\$2,196.00	\$541,483.17
1551	089-X-030	2016	25400	Operation	DN4000000	C003042	2223101	DN4003010, Warhead Dismantlement and Fissile Material Transp	0	Default WFO Value	0	Default	\$18,664.46	\$0.00	\$0.00	\$0.00	\$18,664.46
1551	089-X-030	2014	25400	Operation	NN5000000	C001058	2221249	NN5006010, U.S. Costs for Russia/Newly Independent States Pr	0	Default WFO Value	0	Default	\$4.97	-\$4.97	\$0.00	-\$4.97	\$0.00
1551	089-X-030	2017	25400	Operation	DN1005000	C003088	2223152	DN1005010, Domestic Radiological Security	0	Default WFO Value	0	Default	\$0.00	\$26,625.14	\$0.00	\$26,625.14	\$26,625.14
1551	089-X-030	2017	25400	Operation	DN2000000	C003038	2223076	DN2001000, Proliferation Detection	0	Default WFO Value	0	Default	\$0.00	\$2,380,000.00	\$0.00	\$2,380,000.00	\$2,380,000.00
1551	089-X-030	2016	25400	Operation	DN3001000	C003039	2223079	DN3001010, Highly Enriched Uranium (HEU) Reactor Conversion	0	Default WFO Value	0	Default	\$130,977.11	\$0.00	\$0.00	\$0.00	\$130,977.11
1551	089-X-030	2014	25400	Operation	NN5000000	C001058	2221240	NN5004010, U.S. Costs for Russia/Newly Independent States Pr	0	Default WFO Value	0	Default	\$118,720.00	-\$118,720.00	\$0.00	-\$118,720.00	\$0.00
1551	089-X-030	2015	25400	Operation	NN5000000	C001058	2221240	NN5004010, U.S. Costs for Russia/Newly Independent States Pr	0	Default WFO Value	0	Default	\$153,515.04	-\$120,000.00	\$0.00	-\$120,000.00	\$33,515.04
1551	089-X-030	2013	25400	Operation	NN5000000	C001058	2221240	NN5004010, U.S. Costs for Russia/Newly Independent States Pr	0	Default WFO Value	0	Default	\$240,667.55	\$0.00	\$0.00	\$0.00	\$240,667.55
1551	089-X-030	2014	25400	Operation	NN4000000	C001056	2222722	NN4010021, US Costs for Russia/Newly Independent States	0	Default WFO Value	0	Default	\$5,882.97	\$0.00	\$0.00	\$0.00	\$5,882.97
1551	089-X-030	2015	25400	Operation	NN5000000	C001058	2222810	NN5002040, US Costs for Non Russia/Non-Newly Independent Sta	0	Default WFO Value	0	Default	\$80,517.16	\$0.00	\$0.00	\$0.00	\$80,517.16
1551	089-X-030	2016	25400	Operation	CT0000000	C003007	2223023	CT8404010, Evaluation, Exercise, Readiness, and Response Sup	0	Default WFO Value	0	Default	\$101,821.47	\$0.00	\$0.00	\$0.00	\$101,821.47
1551	089-X-030	2017	25400	Operation	CT0000000	C003007	2223025	CT8405010, Technology Integration (TI)	0	Default WFO Value	0	Default	\$0.00	\$20,000.00	\$0.00	\$20,000.00	\$20,000.00
1551	089-X-030	2017	25400	Operation	DN4000000	C003042	2223094	DN4001010, Safeguards Policy	0	Default WFO Value	0	Default	\$0.00	\$1,246,168.88	\$0.00	\$1,246,168.88	\$1,246,168.88
1551	089-X-030	2013	25400	Operation	NN5000000	C001058	2221234	NN5002010, U.S. Costs for Russia/Newly Independent States Pr	0	Default WFO Value	0	Default	\$109,686.53	-\$17,803.25	\$0.00	-\$17,803.25	\$91,883.28
1551	089-X-030	2016	25400	Operation	DN4000000	C003042	2223094	DN4001010, Safeguards Policy	0	Default WFO Value	0	Default	\$333,801.45	\$0.00	\$0.00	\$0.00	\$333,801.45
1551	089-X-030	2015	25400	Operation	NN4000000	C001056	2222728	NN4011020, Nuclear Noncompliance Verification	0	Default WFO Value	0	Default	\$12,700.54	\$0.00	\$0.00	\$0.00	\$12,700.54
1551	089-X-030	2016	25400	Operation	DN4000000	C003042	2223102	DN4003020, Nuclear Noncompliance Verification	0	Default WFO Value	0	Default	\$119,435.40	\$0.00	\$0.00	\$0.00	\$119,435.40
1551	089-X-030	2017	25400	Operation	DN1001000	C003034	2223049	DN1001011, U.S. Costs for Russia/Newly Independent State Pro	0	Default WFO Value	0	Default	\$0.00	\$140,000.00	\$0.00	\$140,000.00	\$140,000.00
1551	089-X-030	2017	25400	Operation	DN4000000	C003042	2223106	DN4004040, Policy Studies and Support	0	Default WFO Value	0	Default	\$0.00	\$3,114.30	\$0.00	\$3,114.30	\$3,114.30
1551	089-X-030	2017	25400	Operation	DN4000000	C003042	2223103	DN4004010, Global Regimes	0	Default WFO Value	0	Default	\$0.00	\$75,000.00	\$0.00	\$75,000.00	\$75,000.00
1551	089-X-030	2014	25400	Operation	NN5000000	C001058	2222881	NN5070040, US Costs for Non Russia/Non-Newly Independent Sta	0	Default WFO Value	0	Default	\$27,382.94	\$0.00	\$0.00	\$0.00	\$27,382.94
1551	089-X-030	2015	25400	Operation	NN4000000	C001056	2222718	NN4009020, DO NOT USE!!! Safeguards Engagement	0	Default WFO Value	0	Default	\$115,983.55	\$0.00	\$0.00	\$0.00	\$115,983.55
1551	089-X-030	2014	25400	Operation	NN9300000	C002936	2222890	NN9301000, Domestic Nuclear and Radiological Material Protec	0	Default WFO Value	0	Default	\$5,557.99	\$0.00	\$0.00	\$0.00	\$5,557.99
1551	089-X-030	2016	25400	Operation	CT0000000	C003007	2223014	CT8101000, Nuclear Incident Policy and Cooperation	0	Default WFO Value							

Fund Code	Fund Code Title	Appropriation Year	Object Class	Object Class Title	Legacy B&R Control	OCL	Program	Program Title	WFO	WFO Title	Local Use	Local Use Code	Beginning Uncosted Obligations	Budget Authority Previous	Budget Authority Change	Budget Authority Revised	Total Available
1551	089-X-030	2015	25400	Operation	NN5000000	C001058	2221234	NN5002010, U.S. Costs for Russia/Newly Independent States Pr	0	Default WFO Value	0	Default	\$1,170,606.82	-\$685,270.00	\$0.00	-\$685,270.00	\$485,336.82
1551	089-X-030	2014	25400	Operation	NN5000000	C001058	2221231	NN5001010, U.S. Costs for Russia/Newly Independent States Pr	0	Default WFO Value	0	Default	\$3,898.41	\$0.00	\$0.00	\$0.00	\$3,898.41
1551	089-X-030	2015	25400	Operation	NN5000000	C001058	2221241	NN5004020, In-Country Costs for Russia/Newly Independent Sta	0	Default WFO Value	0	Default	\$29.25	\$0.00	\$0.00	\$0.00	\$29.25
1551	089-X-030	2016	25400	Operation	DN1001000	C003034	2223053	DN1001021, U.S. Costs for Russia/Newly Independent State Pro	0	Default WFO Value	0	Default	\$704,027.86	\$0.00	\$0.00	\$0.00	\$704,027.86
1551	089-X-030	2017	25400	Operation	DN4000000	C003042	2223102	DN4003020, Nuclear Noncompliance Verification	0	Default WFO Value	0	Default	\$0.00	\$536,000.00	\$0.00	\$536,000.00	\$536,000.00
1551	089-X-030	2016	25400	Operation	CT0000000	C003007	2223025	CT8405010, Technology Integration (TI)	0	Default WFO Value	0	Default	\$4,200.90	-\$2,702.38	\$0.00	-\$2,702.38	\$1,498.52
1551	089-X-030	2014	25400	Operation	NN5000000	C001058	2720208	NN500W000, M&O Contractor Employee Costs (at Headquarters)	0	Default WFO Value	0	Default	\$51,312.90	-\$51,312.90	\$0.00	-\$51,312.90	\$0.00
1551	089-X-030	2015	25400	Operation	NN5000000	C001058	2221243	NN5005011, U.S. Costs for Russia/Newly Independent States Pr	0	Default WFO Value	0	Default	\$234,731.14	\$0.00	\$0.00	\$0.00	\$234,731.14
1551	089-X-030	2015	25400	Operation	NN4000000	C001056	2222730	NN4012010, Global Regimes	0	Default WFO Value	0	Default	\$15,681.30	\$0.00	\$0.00	\$0.00	\$15,681.30
1551	089-X-030	2015	25400	Operation	NN5000000	C001058	2222881	NN5070040, US Costs for Non Russia/Non-Newly Independent Sta	0	Default WFO Value	0	Default	\$15,000.00	\$0.00	\$0.00	\$0.00	\$15,000.00
1551	089-X-030	2016	25400	Operation	DN1001000	C003034	2223049	DN1001011, U.S. Costs for Russia/Newly Independent State Pro	0	Default WFO Value	0	Default	\$231,051.41	\$0.00	\$0.00	\$0.00	\$231,051.41
1551	089-X-030	2015	25400	Operation	NN4000000	C001056	2222733	NN4012040, Policy Studies and Support	0	Default WFO Value	0	Default	\$91,216.46	\$0.00	\$0.00	\$0.00	\$91,216.46
1551	089-X-030	2017	25400	Operation	DN4000000	C003042	2223095	DN4001020, Safeguards Engagement (INSEP)	0	Default WFO Value	0	Default	\$0.00	\$1,434,000.00	\$0.00	\$1,434,000.00	\$1,434,000.00
1551	089-X-030	2017	25400	Operation	CT0000000	C003007	2223014	CT8101000, Nuclear Incident Policy and Cooperation	0	Default WFO Value	0	Default	\$0.00	\$369,000.00	\$0.00	\$369,000.00	\$369,000.00
1551	089-X-030	2017	25400	Operation	DN2000000	C003038	2223154	DN2006000, USHPRR	0	Default WFO Value	0	Default	\$0.00	\$736,400.00	\$0.00	\$736,400.00	\$736,400.00
1557	089-X-030	2012	25400	Operation	NN5000000	C001058	2222290	NN5010000, International Contributions UK	0	Default WFO Value	0	Default	\$50,324.10	\$0.00	\$0.00	\$0.00	\$50,324.10
1650	089-X-031	2010	25400	Operation	PS0000000	C001075	2221514	PS0202132, Advisory and Assistance, Diversity Programs	0	Default WFO Value	0	Default	\$38,795.51	\$0.00	\$0.00	\$0.00	\$38,795.51
1689	089-14/15	2014	25400	Operation	PS0000000	C001075	2222565	PS0202200, A&A, Counterterrorism	0	Default WFO Value	0	Default	\$2,019.15	\$0.00	\$0.00	\$0.00	\$2,019.15
1751	089-X-031	2013	25400	Operation	EZ5000000	C002226	1110981	EZ5012300 - BRNL-0030 Soil and Water Remediation - Brookhave	0	Default WFO Value	0	Default	\$522,109.05	\$0.00	\$0.00	\$0.00	\$522,109.05
1751	089-X-031	2015	25400	Operation	EZ5000000	C002226	1110981	EZ5012300 - BRNL-0030 Soil and Water Remediation - Brookhave	0	Default WFO Value	0	Default	\$47.62	\$0.00	\$0.00	\$0.00	\$47.62
2300	089-X-418	2016	25400	Operation	ST0000000	C001087	2924280	ST6001032, Hot Cell and Other National Lab Facilities	0	Default WFO Value	0	Default	\$1,427,585.71	\$614,636.14	\$0.00	\$614,636.14	\$2,042,221.85
2300	089-X-418	2014	25400	Operation	ST0000000	C001087	2720714	ST5001020, Brookhaven Linear Isotope Producer (BLIP)	0	Default WFO Value	0	Default	\$506,852.52	\$0.00	\$0.00	\$0.00	\$506,852.52
2300	089-X-418	2017	25400	Operation	ST0000000	C001087	2720715	ST5001030, Other National Lab Research	0	Default WFO Value	0	Default	\$0.00	\$425,000.00	\$0.00	\$425,000.00	\$425,000.00
2300	089-X-418	2014	25400	Operation	ST0000000	C001087	2924306	ST6001031, Production	0	Default WFO Value	0	Default	\$0.00	\$212,749.03	\$0.00	\$212,749.03	\$212,749.03
2300	089-X-418	2014	25400	Operation	ST0000000	C001087	2924424	ST5001040, Actinium-225 Technology Research and Integration	0	Default WFO Value	0	Default	\$107,238.58	\$0.00	\$0.00	\$0.00	\$107,238.58
2300	089-X-418	2017	25400	Operation	ST0000000	C001087	2720718	ST6001020, Brookhaven Linear Isotope Producer (BLIP)	0	Default WFO Value	0	Default	\$0.00	\$416,000.00	\$0.00	\$416,000.00	\$416,000.00
2300	089-X-418	2016	25400	Operation	ST0000000	C001087	2924424	ST5001040, Actinium-225 Technology Research and Integration	0	Default WFO Value	0	Default	\$0.00	\$100,000.00	\$0.00	\$100,000.00	\$100,000.00
2300	089-X-418	2016	25400	Operation	ST0000000	C001087	2720715	ST5001030, Other National Lab Research	0	Default WFO Value	0	Default	\$220,833.12	\$185,000.00	\$0.00	\$185,000.00	\$405,833.12
2300	089-X-418	2017	25400	Operation	ST0000000	C001087	2924281	ST6001034, Facility Upgrades	0	Default WFO Value	0	Default	\$0.00	\$611,000.00	\$0.00	\$611,000.00	\$611,000.00
2300	089-X-418	2015	32003	Accelerator	ST0000000	C001087	2924281	ST6001034, Facility Upgrades	0	Default WFO Value	485395	CHAIP	\$152,000.00	\$0.00	\$0.00	\$0.00	\$152,000.00
2300	089-X-418	2015	25400	Operation	ST0000000	C001087	2924306	ST6001031, Production	0	Default WFO Value	0	Default	\$0.00	\$190,243.59	\$0.00	\$190,243.59	\$190,243.59
2300	089-X-418	2016	25400	Operation	ST0000000	C001087	2924306	ST6001031, Production	0	Default WFO Value	0	Default	\$2,217,227.76	\$358,007.38	\$0.00	\$358,007.38	\$2,575,235.14
2300	089-X-418	2017	25400	Operation	ST0000000	C001087	2924280	ST6001032, Hot Cell and Other National Lab Facilities	0	Default WFO Value	0	Default	\$0.00	\$1,496,363.86	\$0.00	\$1,496,363.86	\$1,496,363.86
2300	089-X-418	2017	25400	Operation	ST0000000	C001087	2924306	ST6001031, Production	0	Default WFO Value	0	Default	\$0.00	\$2,060,000.00	\$0.00	\$2,060,000.00	\$2,060,000.00
2300	089-X-418	2016	25400	Operation	ST0000000	C001087	2720718	ST6001020, Brookhaven Linear Isotope Producer (BLIP)	0	Default WFO Value	0	Default	\$234,931.66	\$140,000.00	\$0.00	\$140,000.00	\$374,931.66
2300	089-X-418	2015	25400	Operation	ST0000000	C001087	2924281	ST6001034, Facility Upgrades	0	Default WFO Value	0	Default	\$49,875.62	\$0.00	\$0.00	\$0.00	\$49,875.62
2300	089-X-418	2015	25400	Operation	ST0000000	C001087	2720715	ST5001030, Other National Lab Research	0	Default WFO Value	0	Default	\$11,925.21	\$0.00	\$0.00	\$0.00	\$11,925.21
2300	089-X-418	2016	25400	Operation	ST0000000	C001087	2924282	ST6001036, Technical Services	0	Default WFO Value	0	Default	\$20,289.84	\$0.00	\$0.00	\$0.00	\$20,289.84
2300	089-X-418	2016	25400	Operation	ST0000000	C001087	2720716	ST5002000, University Research	0	Default WFO Value	0	Default	\$147,084.32	\$0.00	\$0.00	\$0.00	\$147,084.32
2300	089-X-418	2014	32003	Accelerator	ST0000000	C001087	2924281	ST6001034, Facility Upgrades	0	Default WFO Value	485395	CHAIP	\$378,714.95	\$0.00	\$0.00	\$0.00	\$378,714.95
5300	089-X-031	2015	25400	Operation	TG0000000	C002803	3123806	TG0100000, Infrastructure Security and Energy Restoration	0	Default WFO Value	0	Default	\$63.25	-\$63.25	\$0.00	-\$63.25	\$0.00
5300	089-X-031	2016	25400	Operation	TE1300000	C002800	3123815	TE1305000, Virtual Energy Sector Forensics Analysis Platform	0	Default WFO Value	0	Default	\$49,649.35	\$0.00	\$0.00	\$0.00	\$49,649.35
5300	089-X-031	2016	25400	Operation	TE1100000	C002798	3123789	TE1101000, Transmission Reliability & Renewables Integration	0	Default WFO Value	0	Default	\$7,976.36	\$0.00	\$0.00	\$0.00	\$7,976.36
5300	089-X-031	2016	25400	Operation	TE1300000	C002800	3123803	TE1301000, Cyber for Energy Security R&D	0	Default WFO Value	0	Default	\$32,823.22	-\$58.76	\$0.00	-\$58.76	\$32,764.46
5300	089-X-031	2017	25400	Operation	TE1200000	C002799	3123809	TE1203000, Advance Distribution Management System	0	Default WFO Value	0	Default	\$0.00	\$0.00	\$6,380.00	\$6,380.00	\$6,380.00
5300	089-X-031	2016	25400	Operation	TE1100000	C002798	3123802	TE1104000, Energy Systems Predictive Capability	0	Default WFO Value	0	Default	\$250,799.93	\$0.00	\$0.00	\$0.00	\$250,799.93
5300	089-X-031	2016	25400	Operation	TE1100000	C002798	3123785	TE1103000, Advanced Modeling Grid Research	0	Default WFO Value	0	Default	\$67,432.00	\$0.00	\$0.00	\$0.00	\$67,432.00
5300	089-X-031	2017	25400	Operation	TE1100000	C002798	3123785	TE1103000, Advanced Modeling Grid Research	0	Default WFO Value	0	Default	\$0.00	\$481,036.00	\$0.00	\$481,036.00	\$481,036.00
5300	089-X-031	2015	25400	Operation	TE1400000	C002801	3123795	TE1400000, Energy Storage	0	Default WFO Value	0	Default	\$56.79	\$0.00	\$0.00	\$0.00	\$56.79
5300	089-X-031	2016	25400	Operation	TE1200000	C002799	3123809	TE1203000, Advance Distribution Management System	0	Default WFO Value	0	Default	\$276.08	-\$124.89	\$0.00	-\$124.89	\$151.19
5300	089-X-031	2016	25400	Operation	TE1200000	C002799	3123810	TE1204000, Market-Based Control Signal	0	Default WFO Value	0	Default	\$2,804.90	\$0.00	\$0.00	\$0.00	\$2,804.90
5300	089-X-031	2016	25400	Operation	TF0000000	C002802	3123796	TF0000000, National Electricity Delivery	0	Default WFO Value	0	Default	\$4,790.55	\$0.00	\$0.00	\$0.00	\$4,790.55
5300	089-X-031	2017	25400	Operation	TE1200000	C002799	3123811	TE1205000, Resilient Electric Distribution Grid R&D	0	Default WFO Value	0	Default	\$0.00	\$85,000.00	\$0.00	\$85,000.00	\$85,000.00
5300	089-X-031	2017	25400	Operation	TE1100000	C002798	3123802	TE1104000, Energy Systems Predictive Capability	0	Default WFO Value	0	Default	\$0.00	\$25,000.00	\$0.00	\$25,000.00	\$25,000.00
5300	089-X-031	2016	25400	Operation	TE1300000	C002800	3123804	TE1302000, Cyber for Energy Security OPS	0	Default WFO Value	0	Default	\$8,312.99	\$0.00	\$0.00	\$0.00	\$8,312.99
5300	089-X-031	2016	25400	Operation	TE1200000	C002799	3123792	TE1201000, Smart Grid	0	Default WFO Value	0	Default	\$2,347.00	\$0.00	\$0.00	\$0.00	\$2,347.00
5300	089-X-031	2017	25400	Operation	TE1100000	C002798	3123816	TE1104010, Monitoring and Real-Time Analysis	0	Default WFO Value	0	Default	\$0.00	\$20,000.00	\$17,735.00	\$37,735.00	\$





Fund Code	Fund Code Title	Appropriation Year	Object Class	Object Class Title	Legacy B&R Control	OCL	Program	Program Title	WFO	WFO Title	Local Use	Local Use Code	Beginning Uncosted Obligations	Budget Authority Previous	Budget Authority Change	Budget Authority Revised	Total Available
<b>FPDS-NG Total [Base And Exercised Options Value]</b>															<b>\$854,330.00</b>		
<b>FPDS-NG Total [Base And All Options Value]</b>															<b>\$854,330.00</b>		

Department of Homeland Security	200,000.00
General Services Administration	<u>-169,151.82</u>
Work for Others Funds Associated with Federal Agencies:	30,848.18
Total DOE Funds:	854,330.00
Total Non-Appropriated Funds:	0.00
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Grand Total:	885,178.18