

BROOKHAVEN NATIONAL LABORATORY

CONTRACT MOD # 0137 [January]

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
150	089-X-0213	2016	25400	Operation	AA6000000	C002841	1611051	AA6010000, Advanced Combustion Systems	0	Default WFO Value	302017	TCF Fundin	\$70,469.99	\$0.00	\$0.00	\$0.00	\$70,469.99
150	089-X-0213	2018	25400	Operation	AA6000000	C002841	1611272	AA6070000, Transformative Power Generation	0	Default WFO Value	302017	TCF Fundin	\$488,763.00	\$0.00	\$0.00	\$0.00	\$488,763.00
150	089-X-0213	2017	25400	Operation	AA6000000	C002841	1611051	AA6010000, Advanced Combustion Systems	0	Default WFO Value	302017	TCF Fundin	\$121,207.00	\$0.00	\$0.00	\$0.00	\$121,207.00
500	089-X-0222	2017	25400	Operation	KP0000000	C001024	2924209	KP1605010, Structural Biology Infrastructure	0	Default WFO Value	0	Default Loc	\$583,204.96	\$0.00	\$0.00	\$0.00	\$583,204.96
500	089-X-0222	2018	25400	Operation	KC0000000	C002853	2924405	KC0201060, Neutron and X-Ray Scattering	0	Default WFO Value	0	Default Loc	\$1,237,103.30	\$0.00	\$0.00	\$0.00	\$1,237,103.30
500	089-X-0222	2018	25400	Operation	KJ0000000	C001018	2924134	KJ0401000, Applied Mathematics Research	0	Default WFO Value	0	Default Loc	\$400,000.00	\$0.00	\$0.00	\$0.00	\$400,000.00
500	089-X-0222	2017	25400	Operation	KC0000000	C002853	2924305	KC0406020, Accelerator and Detector Research	0	Default WFO Value	0	Default Loc	\$117,489.73	\$0.00	\$0.00	\$0.00	\$117,489.73
500	089-X-0222	2018	25400	Operation	KB0000000	C001009	2923749	KB0301042, Theory, Nuclear Data, National Laboratory Research	0	Default WFO Value	0	Default Loc	\$1,456,174.09	\$0.00	\$0.00	\$0.00	\$1,456,174.09
500	089-X-0222	2017	25400	Operation	KC0000000	C002853	2924447	KC0213010, Computational Materials Sciences	0	Default WFO Value	0	Default Loc	\$1,955,071.95	\$0.00	\$0.00	\$0.00	\$1,955,071.95
500	089-X-0222	2018	25400	Operation	KP0000000	C001024	2924204	KP1601050, Bioenergy Research Centers	0	Default WFO Value	0	Default Loc	\$405,645.66	\$0.00	\$0.00	\$0.00	\$405,645.66
500	089-X-0222	2011	25400	Operation	KP0000000	C001024	2924206	KP1602020, Radiobiology	0	Default WFO Value	0	Default Loc	\$5,187.28	\$0.00	\$0.00	\$0.00	\$5,187.28
500	089-X-0222	2018	25400	Operation	KB0000000	C001009	2923746	KB0301020, Theory, National Laboratory Research	0	Default WFO Value	0	Default Loc	\$2,066,632.70	\$0.00	\$0.00	\$0.00	\$2,066,632.70
500	089-X-0222	2018	25400	Operation	KJ0000000	C001018	2924516	KJ0403040, Computational Partnerships - Collaboratories	0	Default WFO Value	0	Default Loc	\$129,655.71	\$0.00	\$0.00	\$0.00	\$129,655.71
500	089-X-0222	2018	25400	Operation	KL0000000	C001021	2924407	KL1002000, Community College Internship Program	0	Default WFO Value	0	Default Loc	\$105,987.27	\$0.00	\$0.00	\$0.00	\$105,987.27
500	089-X-0222	2018	25400	Operation	KA0000000	C002852	2924366	KA2501012, National Laboratories	0	Default WFO Value	0	Default Loc	\$20,000.00	\$0.00	\$0.00	\$0.00	\$20,000.00
500	089-X-0222	2017	31003	Other Equip	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WFO Value	485396	CHEQU	\$847,197.70	\$0.00	\$0.00	\$0.00	\$847,197.70
500	089-X-0222	2017	25400	Operation	KB0000000	C001009	2923752	KB0301052, Theory, SciDAC, National Laboratory Research	0	Default WFO Value	0	Default Loc	\$203,265.87	\$0.00	\$0.00	\$0.00	\$203,265.87
500	089-X-0222	2018	25400	Operation	KP0000000	C001024	2924211	KP1701000, Atmospheric System Research	0	Default WFO Value	0	Default Loc	\$1,384,481.22	\$0.00	\$0.00	\$0.00	\$1,384,481.22
500	089-X-0222	2018	25400	Operation	KA0000000	C002852	2924346	KA2301020, National Laboratories	0	Default WFO Value	0	Default Loc	\$642,490.45	\$0.00	\$0.00	\$0.00	\$642,490.45
500	089-X-0222	2018	25400	Operation	KA0000000	C002852	2924368	KA2501021, LHC Accelerator Research	0	Default WFO Value	0	Default Loc	\$38,519.35	\$0.00	\$0.00	\$0.00	\$38,519.35
500	089-X-0222	2017	25400	Operation	KC0000000	C002853	2924295	KC0202050, Physical Behavior of Materials	0	Default WFO Value	0	Default Loc	\$11,184.97	\$0.00	\$0.00	\$0.00	\$11,184.97
500	089-X-0222	2015	25400	Operation	KP0000000	C001024	2924417	KP1606000, Mesoscale to Molecules	0	Default WFO Value	0	Default Loc	\$209,151.43	\$0.00	\$0.00	\$0.00	\$209,151.43
500	089-X-0222	2016	25400	Operation	KJ0000000	C001018	2924135	KJ0402000, Computer Sciences Research	0	Default WFO Value	0	Default Loc	\$1,922.92	-\$1,922.92	\$0.00	-\$1,922.92	\$0.00
500	089-X-0222	2018	25400	Operation	KB0000000	C001009	2923733	KB0201021, Heavy Ion, RHIC Research	0	Default WFO Value	0	Default Loc	\$2,137,071.38	\$0.00	\$0.00	\$0.00	\$2,137,071.38
500	089-X-0222	2018	25400	Operation	KC0000000	C002853	2923769	KC0201010, Structure Of Materials	0	Default WFO Value	0	Default Loc	\$1,768,712.78	\$0.00	\$0.00	\$0.00	\$1,768,712.78
500	089-X-0222	2019	25400	Operation	KB0000000	C001009	2923721	KB0101022, Medium Energy, Other National Laboratory Research	0	Default WFO Value	0	Default Loc	\$0.00	\$520,000.00	\$1,160,000.00	\$1,680,000.00	\$1,680,000.00
500	089-X-0222	2019	32001	Constructi	39KG01000	C003087	2924481	39KG01000PRN17SC73000 Core Facility Revitalization, BNL	0	Default WFO Value	0	Default Loc	\$0.00	\$11,937,680.00	\$13,552,668.00	\$25,490,348.00	\$25,490,348.00
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924355	KA2401012, National Laboratories	0	Default WFO Value	0	Default Loc	\$0.00	\$865,000.00	\$2,160,000.00	\$3,025,000.00	\$3,025,000.00
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	2924242	KC0403020, Center for Functional Nanomaterials BNL	0	Default WFO Value	0	Default Loc	\$0.00	\$5,939,000.00	\$11,713,000.00	\$17,652,000.00	\$17,652,000.00
500	089-X-0222	2017	25400	Operation	KA0000000	C002852	2924380	KA2601020, National Laboratories	0	Default WFO Value	0	Default Loc	\$0.00	\$250,000.00	\$0.00	\$250,000.00	\$250,000.00
500	089-X-0222	2018	25400	Operation	KC0000000	C002853	2924300	KC0304030, DO NOT USE!!! Solar Photochemistry	0	Default WFO Value	0	Default Loc	\$1,609,603.03	\$0.00	\$0.00	\$0.00	\$1,609,603.03
500	089-X-0222	2018	25400	Operation	KA0000000	C002852	2924320	KA2103011, MIE	0	Default WFO Value	485492	CHOPEMIE	\$133,086.10	\$0.00	\$0.00	\$0.00	\$133,086.10
500	089-X-0222	2017	25400	Operation	KA0000000	C002852	2924366	KA2501012, National Laboratories	0	Default WFO Value	0	Default Loc	\$257.97	\$0.00	\$0.00	\$0.00	\$257.97
500	089-X-0222	2018	25400	Operation	KC0000000	C002853	2924192	KC0207010, Energy Frontier Research Centers EFRCS	0	Default WFO Value	0	Default Loc	\$1,490,000.00	\$0.00	\$0.00	\$0.00	\$1,490,000.00
500	089-X-0222	2017	25400	Operation	KA0000000	C002852	2924363	KA2403013, Other Projects	0	Default WFO Value	0	Default Loc	\$154,484.87	\$0.00	\$0.00	\$0.00	\$154,484.87
500	089-X-0222	2018	25400	Operation	KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHIC Experimental Support	0	Default WFO Value	0	Default Loc	\$16,390,683.63	\$0.00	\$0.00	\$0.00	\$16,390,683.63
500	089-X-0222	2014	25400	Operation	KC0000000	C002853	2923794	KC0281013, BNL-NSLS	0	Default WFO Value	0	Default Loc	\$165,193.55	\$0.00	\$0.00	\$0.00	\$165,193.55
500	089-X-0222	2018	31001	Major Item	KA0000000	C002852	2924350	KA2303011, MIE	0	Default WFO Value	4809008	CHEQU MII	\$1,396,835.40	\$0.00	\$0.00	\$0.00	\$1,396,835.40
500	089-X-0222	2014	25400	Operation	KA0000000	C002852	2923681	KA1102812, Proton Facilities - Chng in Inventories, Common U	0	Default WFO Value	0	Default Loc	\$433,221.38	\$0.00	\$0.00	\$0.00	\$433,221.38
500	089-X-0222	2018	32002	General Pl	KG0700000	C002925	2924416	KG0701000, Facilities and Infrastructure	0	Default WFO Value	0	Default Loc	\$13,362,668.03	\$0.00	\$0.00	\$0.00	\$13,362,668.03
500	089-X-0222	2017	25400	Operation	KA0000000	C002852	2924357	KA2401021, Scientific Discovery through Advanced Computing	0	Default WFO Value	0	Default Loc	\$110,074.05	\$0.00	\$0.00	\$0.00	\$110,074.05
500	089-X-0222	2018	25400	Operation	KP0000000	C001024	2924200	KP1601010, Foundational Genomics Research	0	Default WFO Value	0	Default Loc	\$1,737,000.00	\$0.00	\$0.00	\$0.00	\$1,737,000.00
500	089-X-0222	2018	32001	Constructi	39KG01000	C003087	2924481	39KG01000PRN17SC73000 Core Facility Revitalization, BNL	0	Default WFO Value	0	Default Loc	\$29,414,962.47	\$0.00	\$0.00	\$0.00	\$29,414,962.47
500	089-X-0222	2018	25400	Operation	FS1000000	C000984	2923658	FS1009000, Program Management	0	Default WFO Value	0	Default Loc	\$271,152.11	\$0.00	\$0.00	\$0.00	\$271,152.11
500	089-X-0222	2018	25400	Operation	KA0000000	C002852	2924328	KA2202010, Experimental Operations and Support	0	Default WFO Value	0	Default Loc	\$629,218.57	\$0.00	\$0.00	\$0.00	\$629,218.57
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924328	KA2202010, Experimental Operations and Support	0	Default WFO Value	0	Default Loc	\$0.00	\$689,000.00	\$1,664,000.00	\$2,353,000.00	\$2,353,000.00
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	2924506	KC0202031, Theoretical Condensed Matter Physics	0	Default WFO Value	0	Default Loc	\$0.00	\$482,000.00	\$958,000.00	\$1,440,000.00	\$1,440,000.00
500	089-X-0222	2019	32001	Constructi	39KA00000	C002786	2924263	39KA00000PRN11SC40000, Long Baseline Neutrino Experiment PE	0	Default WFO Value	0	Default Loc	\$0.00	\$800,000.00	\$700,000.00	\$1,500,000.00	\$1,500,000.00
500	089-X-0222	2019	25400	Operation	FS1000000	C000984	2923653	FS1002000, Security Systems	0	Default WFO Value	0	Default Loc	\$0.00	\$222,000.00	\$481,000.00	\$703,000.00	\$703,000.00
500	089-X-0222	2019	25400	Operation	KP0000000	C001024	2924200	KP1601010, Foundational Genomics Research	0	Default WFO Value	0	Default Loc	\$0.00	\$277,000.00	\$129,000.00	\$406,000.00	\$406,000.00
500	089-X-0222	2019	25400	Operation	KB0000000	C001009	2923755	KB0401022, Low Energy, Other National Laboratory Research	0	Default WFO Value	0	Default Loc	\$0.00	\$60,000.00	\$120,000.00	\$180,000.00	\$180,000.00

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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-0222	2019	25400	Operation	KA0000000	C002852	2924358	KA2401022, Scientific Computing	0	Default WFO Value	0	Default Loc	\$0.00	\$75,000.00	\$182,000.00	\$257,000.00	\$257,000.00
500	089-X-0222	2019	31003	Other Equip	KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHIC Experimental Support	0	Default WFO Value	485396	CHEQU	\$0.00	\$400,000.00	\$1,056,000.00	\$1,456,000.00	\$1,456,000.00
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924327	KA2201090, Other Research	0	Default WFO Value	0	Default Loc	\$0.00	\$364,000.00	\$187,000.00	\$551,000.00	\$551,000.00
500	089-X-0222	2018	25400	Operation	FS1000000	C000984	2923656	FS1006000, Personnel Security	0	Default WFO Value	0	Default Loc	\$17,935.90	\$0.00	\$0.00	\$0.00	\$17,935.90
500	089-X-0222	2018	25400	Operation	KL0000000	C001021	2924406	KL1001000, Science Undergraduate Laboratory Internship	0	Default WFO Value	0	Default Loc	\$513,683.24	\$0.00	\$0.00	\$0.00	\$513,683.24
500	089-X-0222	2017	25400	Operation	KA0000000	C002852	2924369	KA2501022, Muon Accelerators	0	Default WFO Value	0	Default Loc	\$250,000.00	-\$250,000.00	\$0.00	-\$250,000.00	\$0.00
500	089-X-0222	2018	25400	Operation	KC0000000	C002853	2924299	KC0304020, Physical Biosciences	0	Default WFO Value	0	Default Loc	\$2,048,670.39	\$0.00	\$0.00	\$0.00	\$2,048,670.39
500	089-X-0222	2018	25400	Operation	KA0000000	C002852	2924319	KA2102090, Other Facilities	0	Default WFO Value	0	Default Loc	\$159,687.08	\$0.00	\$0.00	\$0.00	\$159,687.08
500	089-X-0222	2017	32003	Accelerator	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WFO Value	485395	CHAIP	\$1,170,117.68	\$0.00	\$0.00	\$0.00	\$1,170,117.68
500	089-X-0222	2018	25400	Operation	KL0000000	C001021	2924414	KL1500000, Outreach	0	Default WFO Value	0	Default Loc	\$80,000.00	\$0.00	\$0.00	\$0.00	\$80,000.00
500	089-X-0222	2018	25400	Operation	KB0000000	C001009	2924156	KB0201052, Heavy Ion Accelerator R&D Natl Lab Research	0	Default WFO Value	0	Default Loc	\$101,000.00	\$0.00	\$0.00	\$0.00	\$101,000.00
500	089-X-0222	2017	25400	Operation	KA0000000	C002852	2924382	KA2602010, Accelerator Operations and Support	0	Default WFO Value	0	Default Loc	\$2,088.07	\$0.00	\$0.00	\$0.00	\$2,088.07
500	089-X-0222	2018	25400	Operation	KB0000000	C001009	2923755	KB0401022, Low Energy, Other National Laboratory Research	0	Default WFO Value	0	Default Loc	\$257,253.17	\$0.00	\$0.00	\$0.00	\$257,253.17
500	089-X-0222	2011	31003	Other Equip	KC0000000	C002853	3023325	KC0203020, Synthesis and Processing Science	0	Default WFO Value	485396	CHEQU	\$2,515.98	-\$2,515.98	\$0.00	-\$2,515.98	\$0.00
500	089-X-0222	2017	25400	Operation	KP0000000	C001024	2924203	KP1601040, Computational Biosciences	0	Default WFO Value	0	Default Loc	\$23,025.11	\$0.00	\$0.00	\$0.00	\$23,025.11
500	089-X-0222	2018	32001	Constructive	39KA00000	C002786	2924263	39KA00000PRN11SC40000, Long Baseline Neutrino Experiment PE	0	Default WFO Value	0	Default Loc	\$629,609.74	\$0.00	\$0.00	\$0.00	\$629,609.74
500	089-X-0222	2018	25400	Operation	KC0000000	C002853	2923807	KC0302010, Chemical Energy	0	Default WFO Value	0	Default Loc	\$2,035,609.08	\$0.00	\$0.00	\$0.00	\$2,035,609.08
500	089-X-0222	2018	32003	Accelerator	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WFO Value	485395	CHAIP	\$2,440,000.00	\$0.00	\$0.00	\$0.00	\$2,440,000.00
500	089-X-0222	2018	25400	Operation	FS1000000	C000984	2923654	FS1004000, Information Security	0	Default WFO Value	0	Default Loc	\$215,192.50	\$0.00	\$0.00	\$0.00	\$215,192.50
500	089-X-0222	2019	25400	Operation	KP0000000	C001024	2924993	KP1607010, Biomolecular Characterization and Imaging Science	0	Default WFO Value	0	Default Loc	\$0.00	\$553,000.00	\$872,000.00	\$1,425,000.00	\$1,425,000.00
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	2923807	KC0302010, Chemical Energy	0	Default WFO Value	0	Default Loc	\$0.00	\$887,000.00	\$1,764,000.00	\$2,651,000.00	\$2,651,000.00
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924371	KA2501032, National Laboratories	0	Default WFO Value	0	Default Loc	\$0.00	\$351,000.00	\$847,000.00	\$1,198,000.00	\$1,198,000.00
500	089-X-0222	2019	25400	Operation	KJ0000000	C001018	2924474	KJ0402010, Computer Sciences - Research	0	Default WFO Value	0	Default Loc	\$0.00	\$250,000.00	\$0.00	\$250,000.00	\$250,000.00
500	089-X-0222	2019	32003	Accelerator	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WFO Value	485395	CHAIP	\$0.00	\$610,000.00	\$1,360,000.00	\$1,970,000.00	\$1,970,000.00
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924357	KA2401021, Scientific Discovery through Advanced Computing	0	Default WFO Value	0	Default Loc	\$0.00	\$56,000.00	\$115,000.00	\$171,000.00	\$171,000.00
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924356	KA2401019, Other Research	0	Default WFO Value	0	Default Loc	\$0.00	\$755,000.00	\$533,000.00	\$1,288,000.00	\$1,288,000.00
500	089-X-0222	2019	25400	Operation	KL0000000	C001021	2924406	KL1001000, Science Undergraduate Laboratory Internship	0	Default WFO Value	0	Default Loc	\$0.00	\$0.00	\$1,400,000.00	\$1,400,000.00	\$1,400,000.00
500	089-X-0222	2019	25400	Operation	KJ0000000	C001018	2924134	KJ0401000, Applied Mathematics Research	0	Default WFO Value	0	Default Loc	\$0.00	\$0.00	\$400,000.00	\$400,000.00	\$400,000.00
500	089-X-0222	2018	25400	Operation	KA0000000	C002852	2924371	KA2501032, National Laboratories	0	Default WFO Value	0	Default Loc	\$1,007,519.74	\$0.00	\$0.00	\$0.00	\$1,007,519.74
500	089-X-0222	2017	25400	Operation	KP0000000	C001024	2924462	KP1703040, DO NOT USE!!! Climate Model Development and Valid	0	Default WFO Value	0	Default Loc	\$416,307.62	\$0.00	\$0.00	\$0.00	\$416,307.62
500	089-X-0222	2018	25400	Operation	KB0000000	C001009	2923721	KB0101022, Medium Energy, Other National Laboratory Research	0	Default WFO Value	0	Default Loc	\$686,859.70	\$0.00	\$0.00	\$0.00	\$686,859.70
500	089-X-0222	2018	25400	Operation	KA0000000	C002852	2924496	KA2602020, Accelerator Test Facility ATF Operations	0	Default WFO Value	0	Default Loc	\$386,964.47	\$0.00	\$0.00	\$0.00	\$386,964.47
500	089-X-0222	2018	25400	Operation	KC0000000	C002853	2924294	KC0202040, Mechanical Behavior and Radiation Effects	0	Default WFO Value	0	Default Loc	\$22,642.43	\$0.00	\$0.00	\$0.00	\$22,642.43
500	089-X-0222	2018	25400	Operation	KJ0000000	C001018	2924474	KJ0402010, Computer Sciences - Research	0	Default WFO Value	0	Default Loc	\$1,039,403.14	\$0.00	\$0.00	\$0.00	\$1,039,403.14
500	089-X-0222	2018	25400	Operation	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WFO Value	0	Default Loc	\$15,617,704.64	\$0.00	\$0.00	\$0.00	\$15,617,704.64
500	089-X-0222	2018	25400	Operation	KA0000000	C002852	2924317	KA2102021, ATLAS Detector and Computing Support	0	Default WFO Value	0	Default Loc	\$10,318,802.13	\$0.00	\$0.00	\$0.00	\$10,318,802.13
500	089-X-0222	2014	25400	Operation	KB0000000	C001009	2923741	KB0281011, Nuclear Physics - RHIC	0	Default WFO Value	0	Default Loc	\$82,974.96	\$0.00	\$0.00	\$0.00	\$82,974.96
500	089-X-0222	2018	25400	Operation	KC0000000	C002853	2924472	KC0201070, X-Ray Scattering	0	Default WFO Value	0	Default Loc	\$1,768,978.04	\$0.00	\$0.00	\$0.00	\$1,768,978.04
500	089-X-0222	2018	25400	Operation	KL0000000	C001021	2924408	KL1003000, Visiting Faculty Program	0	Default WFO Value	0	Default Loc	\$367,175.51	\$0.00	\$0.00	\$0.00	\$367,175.51
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	2923769	KC0201010, Structure Of Materials	0	Default WFO Value	0	Default Loc	\$0.00	\$795,000.00	\$1,578,000.00	\$2,373,000.00	\$2,373,000.00
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924496	KA2602020, Accelerator Test Facility ATF Operations	0	Default WFO Value	0	Default Loc	\$0.00	\$2,024,000.00	\$1,792,000.00	\$3,816,000.00	\$3,816,000.00
500	089-X-0222	2019	25400	Operation	KB0000000	C001009	2923733	KB0201021, Heavy Ion, RHIC Research	0	Default WFO Value	0	Default Loc	\$0.00	\$1,580,000.00	\$3,550,000.00	\$5,130,000.00	\$5,130,000.00
500	089-X-0222	2019	25400	Operation	FS1000000	C000984	2923654	FS1004000, Information Security	0	Default WFO Value	0	Default Loc	\$0.00	\$126,000.00	\$273,000.00	\$399,000.00	\$399,000.00
500	089-X-0222	2019	25400	Operation	KP0000000	C001024	2924995	KP1703000, Earth and Environmental Systems Modeling	0	Default WFO Value	0	Default Loc	\$0.00	\$170,000.00	\$36,000.00	\$206,000.00	\$206,000.00
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	2924405	KC0201060, Neutron and X-Ray Scattering	0	Default WFO Value	0	Default Loc	\$0.00	\$763,000.00	\$1,516,000.00	\$2,279,000.00	\$2,279,000.00
500	089-X-0222	2016	25400	Operation	FS1000000	C000984	2923655	FS1005000, Cyber Security	0	Default WFO Value	0	Default Loc	\$0.00	\$508,268.60	\$0.00	\$508,268.60	\$508,268.60
500	089-X-0222	2017	25400	Operation	KC0000000	C002853	2924192	KC0207010, Energy Frontier Research Centers EFRCS	0	Default WFO Value	0	Default Loc	\$791,878.52	\$0.00	\$0.00	\$0.00	\$791,878.52
500	089-X-0222	2018	25400	Operation	KP0000000	C001024	2924203	KP1601040, Computational Biosciences	0	Default WFO Value	0	Default Loc	\$470,000.00	\$0.00	\$0.00	\$0.00	\$470,000.00
500	089-X-0222	2018	25400	Operation	KC0000000	C002853	2924242	KC0403020, Center for Functional Nanomaterials BNL	0	Default WFO Value	0	Default Loc	\$13,073,045.43	\$0.00	\$0.00	\$0.00	\$13,073,045.43
500	089-X-0222	2014	25400	Operation	KB0000000	C001009	2923728	KB0181012, Nuclear Physics - BNL-Tandem	0	Default WFO Value	0	Default Loc	\$34,228.17	\$0.00	\$0.00	\$0.00	\$34,228.17
500	089-X-0222	2016	25400	Operation	KA0000000	C002852	2924369	KA2501022, Muon Accelerators	0	Default WFO Value	0	Default Loc	\$274,718.92	-\$200,000.00	\$0.00	-\$200,000.00	\$74,718.92
500	089-X-0222	2017	25400	Operation	KP0000000	C001024	2924216	KP1703020, DO NOT USE!!! Earth System Modeling	0	Default WFO Value	0	Default Loc	\$134,019.79	\$0.00	\$0.00	\$0.00	\$134,019.79

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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-0222	2017	31003	Other Equip	KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHIC Experimental Support	0	Default WFO Value	485396	CHEQU	\$152,638.30	\$0.00	\$0.00	\$0.00	\$152,638.30
500	089-X-0222	2018	32003	Accelerator	KA0000000	C002852	2924496	KA2602020, Accelerator Test Facility ATF Operations	0	Default WFO Value	485395	CHAIP	\$81,894.40	\$0.00	\$0.00	\$0.00	\$81,894.40
500	089-X-0222	2017	25400	Operation	KB0000000	C001009	2924156	KB0201052, Heavy Ion Accelerator R&D Natl Lab Research	0	Default WFO Value	0	Default Loc	\$278,466.25	\$0.00	\$0.00	\$0.00	\$278,466.25
500	089-X-0222	2017	25400	Operation	KP0000000	C001024	2924200	KP1601010, Foundational Genomics Research	0	Default WFO Value	0	Default Loc	\$2,061,441.13	\$0.00	\$0.00	\$0.00	\$2,061,441.13
500	089-X-0222	2018	25400	Operation	KP0000000	C001024	2924209	KP1605010, Structural Biology Infrastructure	0	Default WFO Value	0	Default Loc	\$2,500,000.00	\$0.00	\$0.00	\$0.00	\$2,500,000.00
500	089-X-0222	2018	25400	Operation	KC0000000	C002853	2924233	KC0401040, National Synchrotron Light Source II BNL	0	Default WFO Value	0	Default Loc	\$27,601,557.94	\$0.00	\$0.00	\$0.00	\$27,601,557.94
500	089-X-0222	2019	25400	Operation	FS1000000	C000984	2923655	FS1005000, Cyber Security	0	Default WFO Value	0	Default Loc	\$0.00	\$831,000.00	\$1,810,000.00	\$2,641,000.00	\$2,641,000.00
500	089-X-0222	2019	32003	Accelerator	KC0000000	C002853	2924233	KC0401040, National Synchrotron Light Source II BNL	0	Default WFO Value	485395	CHAIP	\$0.00	\$3,000,000.00	\$500,000.00	\$3,500,000.00	\$3,500,000.00
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	2924233	KC0401040, National Synchrotron Light Source II BNL	0	Default WFO Value	0	Default Loc	\$0.00	\$25,610,000.00	\$55,238,000.00	\$80,848,000.00	\$80,848,000.00
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924317	KA2102021, ATLAS Detector and Computing Support	0	Default WFO Value	0	Default Loc	\$0.00	\$5,878,000.00	\$14,167,000.00	\$20,045,000.00	\$20,045,000.00
500	089-X-0222	2019	25400	Operation	KP0000000	C001024	2924211	KP1701000, Atmospheric System Research	0	Default WFO Value	0	Default Loc	\$0.00	\$1,283,000.00	\$392,000.00	\$1,675,000.00	\$1,675,000.00
500	089-X-0222	2019	31001	Major Item	KA0000000	C002852	2924320	KA2103011, MIE	0	Default WFO Value	485496	CHEQU	\$0.00	\$1,708,000.00	\$4,696,000.00	\$6,404,000.00	\$6,404,000.00
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924325	KA2201020, National Laboratories	0	Default WFO Value	0	Default Loc	\$0.00	\$1,334,000.00	\$3,292,000.00	\$4,626,000.00	\$4,626,000.00
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	2924504	KC0202021, Experimental Condensed Matter Physics	0	Default WFO Value	0	Default Loc	\$0.00	\$465,000.00	\$923,000.00	\$1,388,000.00	\$1,388,000.00
500	089-X-0222	2018	25400	Operation	KC0000000	C002853	2924460	KC0301050, DO NOT USE!!! Condensed Phase & Interfacial Molec	0	Default WFO Value	0	Default Loc	\$43,125.76	\$0.00	\$0.00	\$0.00	\$43,125.76
500	089-X-0222	2018	31003	Other Equip	KC0000000	C002853	2924242	KC0403020, Center for Functional Nanomaterials BNL	0	Default WFO Value	485396	CHEQU	\$1,844,459.15	\$0.00	\$0.00	\$0.00	\$1,844,459.15
500	089-X-0222	2016	31003	Other Equip	FS1000000	C000984	2923655	FS1005000, Cyber Security	0	Default WFO Value	485396	CHEQU	\$508,268.60	-\$508,268.60	\$0.00	-\$508,268.60	\$0.00
500	089-X-0222	2017	25400	Operation	KC0000000	C002853	2923775	KC0202030, DO NOT USE!!! Condensed Matter Theory, Particle-	0	Default WFO Value	0	Default Loc	\$20,429.34	\$0.00	\$0.00	\$0.00	\$20,429.34
500	089-X-0222	2018	25400	Operation	KJ0000000	C001018	2924476	KJ0403010, Computational Partnerships - SciDAC	0	Default WFO Value	0	Default Loc	\$246,000.00	\$0.00	\$0.00	\$0.00	\$246,000.00
500	089-X-0222	2018	25400	Operation	FS1000000	C000984	2923655	FS1005000, Cyber Security	0	Default WFO Value	0	Default Loc	\$2,856,948.29	\$0.00	\$0.00	\$0.00	\$2,856,948.29
500	089-X-0222	2018	25400	Operation	KC0000000	C002853	2924504	KC0202021, Experimental Condensed Matter Physics	0	Default WFO Value	0	Default Loc	\$2,441,794.24	\$0.00	\$0.00	\$0.00	\$2,441,794.24
500	089-X-0222	2018	25400	Operation	KC0000000	C002853	3023325	KC0203020, Synthesis and Processing Science	0	Default WFO Value	0	Default Loc	\$1,132,536.99	\$0.00	\$0.00	\$0.00	\$1,132,536.99
500	089-X-0222	2018	25400	Operation	KC0000000	C002853	2924421	KC0406030, Long Term Surveillance and Maintenance	0	Default WFO Value	0	Default Loc	\$1,261,148.79	\$0.00	\$0.00	\$0.00	\$1,261,148.79
500	089-X-0222	2017	32003	Accelerator	KA0000000	C002852	2924382	KA2602010, Accelerator Operations and Support	0	Default WFO Value	485395	CHAIP	\$304,031.06	\$0.00	\$0.00	\$0.00	\$304,031.06
500	089-X-0222	2018	25400	Operation	KC0000000	C002853	2924447	KC0213010, Computational Materials Sciences	0	Default WFO Value	0	Default Loc	\$2,875,000.00	\$0.00	\$0.00	\$0.00	\$2,875,000.00
500	089-X-0222	2018	25400	Operation	KA0000000	C002852	2924489	KA2401032, QIS Research - National Laboratories	0	Default WFO Value	0	Default Loc	\$85,000.00	\$0.00	\$0.00	\$0.00	\$85,000.00
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	2924299	KC0304020, Physical Biosciences	0	Default WFO Value	0	Default Loc	\$0.00	\$629,000.00	\$1,252,000.00	\$1,881,000.00	\$1,881,000.00
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	2924305	KC0406020, Accelerator and Detector Research	0	Default WFO Value	0	Default Loc	\$0.00	\$198,000.00	\$390,000.00	\$588,000.00	\$588,000.00
500	089-X-0222	2019	25400	Operation	FS1000000	C000984	2923656	FS1006000, Personnel Security	0	Default WFO Value	0	Default Loc	\$0.00	\$145,000.00	\$316,000.00	\$461,000.00	\$461,000.00
500	089-X-0222	2019	32001	Constructio	39KG01000	C003227	2924984	39KG01000PRN19SC71000, Science User Support Center, BNL	0	Default WFO Value	0	Default Loc	\$0.00	\$1,726,200.00	\$5,273,800.00	\$7,000,000.00	\$7,000,000.00
500	089-X-0222	2019	25400	Operation	KP0000000	C001024	2924204	KP1601050, Bioenergy Research Centers	0	Default WFO Value	0	Default Loc	\$0.00	\$288,000.00	\$131,000.00	\$419,000.00	\$419,000.00
500	089-X-0222	2019	25400	Operation	FS1000000	C000984	2923657	FS1007000, Material Control and Accountability	0	Default WFO Value	0	Default Loc	\$0.00	\$174,000.00	\$381,000.00	\$555,000.00	\$555,000.00
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	3023325	KC0203020, Synthesis and Processing Science	0	Default WFO Value	0	Default Loc	\$0.00	\$342,000.00	\$681,000.00	\$1,023,000.00	\$1,023,000.00
500	089-X-0222	2019	25400	Operation	KP0000000	C001024	2924203	KP1601040, Computational Biosciences	0	Default WFO Value	0	Default Loc	\$0.00	\$26,000.00	\$80,000.00	\$106,000.00	\$106,000.00
500	089-X-0222	2018	25400	Operation	FS1000000	C000984	2923652	FS1001000, Protective Forces	0	Default WFO Value	0	Default Loc	\$883,599.74	\$0.00	\$0.00	\$0.00	\$883,599.74
500	089-X-0222	2017	32003	Accelerator	KC0000000	C002853	2924233	KC0401040, National Synchrotron Light Source II BNL	0	Default WFO Value	485395	CHAIP	\$331,483.16	\$0.00	\$0.00	\$0.00	\$331,483.16
500	089-X-0222	2018	25400	Operation	KA0000000	C002852	2924314	KA2101030, University Service Accounts	0	Default WFO Value	0	Default Loc	\$369,578.86	\$0.00	\$0.00	\$0.00	\$369,578.86
500	089-X-0222	2018	31001	Major Item	KA0000000	C002852	2924320	KA2103011, MIE	0	Default WFO Value	485496	CHEQU	\$733,031.10	\$0.00	\$0.00	\$0.00	\$733,031.10
500	089-X-0222	2015	25400	Operation	KC0000000	C002853	2924232	KC0401030, National Synchrotron Light Source BNL	0	Default WFO Value	0	Default Loc	\$0.65	-\$0.65	\$0.00	-\$0.65	\$0.00
500	089-X-0222	2017	25400	Operation	KL0000000	C001021	2924414	KL1500000, Outreach	0	Default WFO Value	0	Default Loc	\$11,842.58	\$0.00	\$0.00	\$0.00	\$11,842.58
500	089-X-0222	2018	31003	Other Equip	KC0000000	C002853	2924233	KC0401040, National Synchrotron Light Source II BNL	0	Default WFO Value	485396	CHEQU	\$32,163.46	\$0.00	\$0.00	\$0.00	\$32,163.46
500	089-X-0222	2017	25400	Operation	KJ0000000	C001018	2924137	KJ0404000, Next Generation Networking for Science	0	Default WFO Value	0	Default Loc	\$249,396.49	\$0.00	\$0.00	\$0.00	\$249,396.49
500	089-X-0222	2017	31001	Major Item	KA0000000	C002852	2924320	KA2103011, MIE	0	Default WFO Value	485486	CHEQU	\$8,396,292.02	-\$3,590,000.00	\$0.00	-\$3,590,000.00	\$4,806,292.02
500	089-X-0222	2018	31003	Other Equip	KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHIC Experimental Support	0	Default WFO Value	485396	CHEQU	\$1,200,000.00	\$0.00	\$0.00	\$0.00	\$1,200,000.00
500	089-X-0222	2018	32003	Accelerator	KC0000000	C002853	2924233	KC0401040, National Synchrotron Light Source II BNL	0	Default WFO Value	485395	CHAIP	\$3,300,000.00	\$0.00	\$0.00	\$0.00	\$3,300,000.00
500	089-X-0222	2018	25400	Operation	KA0000000	C002852	2924336	KA2202090, Other Facilities	0	Default WFO Value	0	Default Loc	\$211,653.22	\$0.00	\$0.00	\$0.00	\$211,653.22
500	089-X-0222	2018	25400	Operation	KP0000000	C001024	2924462	KP1703040, DO NOT USE!!! Climate Model Development and Valid	0	Default WFO Value	0	Default Loc	\$1,392,000.00	\$0.00	\$0.00	\$0.00	\$1,392,000.00
500	089-X-0222	2018	31003	Other Equip	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WFO Value	485396	CHEQU	\$824,000.00	\$0.00	\$0.00	\$0.00	\$824,000.00
500	089-X-0222	2018	25400	Operation	FS1000000	C000984	2923653	FS1002000, Security Systems	0	Default WFO Value	0	Default Loc	\$349,650.54	\$0.00	\$0.00	\$0.00	\$349,650.54
500	089-X-0222	2018	25400	Operation	KA0000000	C002852	2924325	KA2201020, National Laboratories	0	Default WFO Value	0	Default Loc	\$2,481,532.00	\$0.00	\$0.00	\$0.00	\$2,481,532.00
500	089-X-0222	2018	25400	Operation	KA0000000	C002852	2924355	KA2401012, National Laboratories	0	Default WFO Value	0	Default Loc	\$1,019,423.20	\$0.00	\$0.00	\$0.00	\$1,019,423.20
500	089-X-0222	2018	25400	Operation	KC0000000	C002853	2924193	KC0307010, Energy Frontier Research Centers EFRCs	0	Default WFO Value	0	Default Loc	\$1,812,764.94	\$0.00	\$0.00	\$0.00	\$1,812,764.94

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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-0222	2015	25400	Operation	KA0000000	C002852	2924313	KA2101020, National Laboratories	0	Default WFO Value	485474	CHOPEMIE	\$28,201.08	\$0.00	\$0.00	\$0.00	\$28,201.08
500	089-X-0222	2016	25400	Operation	KP0000000	C001024	2924205	KP1602010, Radiochemistry and Imaging Instrumentation	0	Default WFO Value	0	Default Loc	\$3,933.57	\$0.00	\$0.00	\$0.00	\$3,933.57
500	089-X-0222	2018	25400	Operation	FS1000000	C000984	2923657	FS1007000, Material Control and Accountability	0	Default WFO Value	0	Default Loc	\$602,807.81	\$0.00	\$0.00	\$0.00	\$602,807.81
500	089-X-0222	2018	25400	Operation	KP0000000	C001024	2924216	KP1703020, DO NOT USE!!! Earth System Modeling	0	Default WFO Value	0	Default Loc	\$326,000.00	\$0.00	\$0.00	\$0.00	\$326,000.00
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924489	KA2401032, QIS Research - National Laboratories	0	Default WFO Value	0	Default Loc	\$0.00	\$85,000.00	\$0.00	\$85,000.00	\$85,000.00
500	089-X-0222	2019	25400	Operation	KJ0000000	C001018	2924476	KJ0403010, Computational Partnerships - SciDAC	0	Default WFO Value	0	Default Loc	\$0.00	\$155,000.00	\$157,000.00	\$312,000.00	\$312,000.00
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924348	KA2302010, Experimental Operations and Support	0	Default WFO Value	0	Default Loc	\$0.00	\$55,000.00	\$133,000.00	\$188,000.00	\$188,000.00
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	2924294	KC0202040, Mechanical Behavior and Radiation Effects	0	Default WFO Value	0	Default Loc	\$0.00	\$49,000.00	\$98,000.00	\$147,000.00	\$147,000.00
500	089-X-0222	2019	25400	Operation	FS1000000	C000984	2923658	FS1009000, Program Management	0	Default WFO Value	0	Default Loc	\$0.00	\$184,000.00	\$400,000.00	\$584,000.00	\$584,000.00
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924313	KA2101020, National Laboratories	0	Default WFO Value	0	Default Loc	\$0.00	\$1,329,000.00	\$3,279,000.00	\$4,608,000.00	\$4,608,000.00
500	089-X-0222	2019	31001	Major Item	KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHIC Experimental Support	0	Default WFO Value	485499	CHEQUMIE	\$0.00	\$2,900,000.00	\$2,410,000.00	\$5,310,000.00	\$5,310,000.00
500	089-X-0222	2019	25400	Operation	FS1000000	C000984	2923652	FS1001000, Protective Forces	0	Default WFO Value	0	Default Loc	\$0.00	\$1,774,000.00	\$3,860,000.00	\$5,634,000.00	\$5,634,000.00
500	089-X-0222	2017	25400	Operation	KA0000000	C002852	2924317	KA2102021, ATLAS Detector and Computing Support	0	Default WFO Value	0	Default Loc	\$0.00	\$3,590,000.00	\$0.00	\$3,590,000.00	\$3,590,000.00
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	2925000	KC0304031, Solar Photochemistry	0	Default WFO Value	0	Default Loc	\$0.00	\$1,395,000.00	\$2,773,000.00	\$4,168,000.00	\$4,168,000.00
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924346	KA2301020, National Laboratories	0	Default WFO Value	0	Default Loc	\$0.00	\$314,000.00	\$756,000.00	\$1,070,000.00	\$1,070,000.00
500	089-X-0222	2019	25400	Operation	KL0000000	C001021	2924407	KL1002000, Community College Internship Program	0	Default WFO Value	0	Default Loc	\$0.00	\$0.00	\$100,000.00	\$100,000.00	\$100,000.00
500	089-X-0222	2018	25400	Operation	KC0000000	C002853	2923803	KC0301020, DO NOT USE!!! Chemical Physics	0	Default WFO Value	0	Default Loc	\$35,761.30	\$0.00	\$0.00	\$0.00	\$35,761.30
500	089-X-0222	2018	25400	Operation	KA0000000	C002852	2924357	KA2401021, Scientific Discovery through Advanced Computing	0	Default WFO Value	0	Default Loc	\$120,000.00	\$0.00	\$0.00	\$0.00	\$120,000.00
500	089-X-0222	2018	25400	Operation	KA0000000	C002852	2924358	KA2401022, Scientific Computing	0	Default WFO Value	0	Default Loc	\$268,446.75	\$0.00	\$0.00	\$0.00	\$268,446.75
500	089-X-0222	2018	25400	Operation	KB0000000	C001009	2923752	KB0301052, Theory, SciDAC, National Laboratory Research	0	Default WFO Value	0	Default Loc	\$352,000.00	\$0.00	\$0.00	\$0.00	\$352,000.00
500	089-X-0222	2005	25400	Operation	KA0000000	C002852	2923681	KA1102812, Proton Facilities - Chng in Inventories, Common U	0	Default WFO Value	0	Default Loc	\$108,955.69	\$0.00	\$0.00	\$0.00	\$108,955.69
500	089-X-0222	2018	25400	Operation	KA0000000	C002852	2924380	KA2601020, National Laboratories	0	Default WFO Value	0	Default Loc	\$412,656.07	\$0.00	\$0.00	\$0.00	\$412,656.07
500	089-X-0222	2018	25400	Operation	KC0000000	C002853	2924305	KC0406020, Accelerator and Detector Research	0	Default WFO Value	0	Default Loc	\$800,000.00	\$0.00	\$0.00	\$0.00	\$800,000.00
500	089-X-0222	2017	25400	Operation	KC0000000	C002853	2923774	KC0202020, DO NOT USE!!! Experimental Condensed Matter Physi	0	Default WFO Value	0	Default Loc	\$23,536.89	\$0.00	\$0.00	\$0.00	\$23,536.89
500	089-X-0222	2017	25400	Operation	KC0000000	C002853	2923809	KC0302030, Heavy Element Chemistry	0	Default WFO Value	0	Default Loc	\$1,985.20	\$0.00	\$0.00	\$0.00	\$1,985.20
500	089-X-0222	2018	25400	Operation	KC0000000	C002853	2924506	KC0202031, Theoretical Condensed Matter Physics	0	Default WFO Value	0	Default Loc	\$579,927.69	\$0.00	\$0.00	\$0.00	\$579,927.69
500	089-X-0222	2018	25400	Operation	KA0000000	C002852	2924313	KA2101020, National Laboratories	0	Default WFO Value	0	Default Loc	\$2,784,398.80	\$0.00	\$0.00	\$0.00	\$2,784,398.80
500	089-X-0222	2018	25400	Operation	KA0000000	C002852	2924320	KA2103011, MIE	0	Default WFO Value	485493	CHOPEMIE	\$5,160,147.84	\$0.00	\$0.00	\$0.00	\$5,160,147.84
500	089-X-0222	2018	25400	Operation	KP0000000	C001024	2924514	KP1606010, DO NOT USE!!! - Mesoscale to Molecules	0	Default WFO Value	0	Default Loc	\$2,300,000.00	\$0.00	\$0.00	\$0.00	\$2,300,000.00
500	089-X-0222	2009	25400	Operation	KB0000000	C001009	2923741	KB0281011, Nuclear Physics - RHIC	0	Default WFO Value	0	Default Loc	\$4,262.47	\$0.00	\$0.00	\$0.00	\$4,262.47
500	089-X-0222	2017	25400	Operation	KJ0000000	C001018	2924476	KJ0403010, Computational Partnerships - SciDAC	0	Default WFO Value	0	Default Loc	\$364,107.69	\$0.00	\$0.00	\$0.00	\$364,107.69
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924336	KA2202090, Other Facilities	0	Default WFO Value	0	Default Loc	\$0.00	\$97,000.00	\$233,000.00	\$330,000.00	\$330,000.00
500	089-X-0222	2019	31001	Major Item	KA0000000	C002852	2924320	KA2103011, MIE	0	Default WFO Value	485498	CHEQUMIE	\$0.00	\$7,056,000.00	\$14,230,000.00	\$21,286,000.00	\$21,286,000.00
500	089-X-0222	2019	25400	Operation	KB0000000	C001009	2923749	KB0301042, Theory, Nuclear Data, National Laboratory Researc	0	Default WFO Value	0	Default Loc	\$0.00	\$990,000.00	\$2,140,000.00	\$3,130,000.00	\$3,130,000.00
500	089-X-0222	2019	31003	Other Equip	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WFO Value	485396	CHEQU	\$0.00	\$200,000.00	\$460,000.00	\$660,000.00	\$660,000.00
500	089-X-0222	2019	25400	Operation	KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHIC Experimental Support	0	Default WFO Value	0	Default Loc	\$0.00	\$10,450,000.00	\$24,130,000.00	\$34,580,000.00	\$34,580,000.00
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	2924472	KC0201070, X-Ray Scattering	0	Default WFO Value	0	Default Loc	\$0.00	\$418,000.00	\$832,000.00	\$1,250,000.00	\$1,250,000.00
500	089-X-0222	2019	25400	Operation	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WFO Value	0	Default Loc	\$0.00	\$33,520,000.00	\$75,200,000.00	\$108,720,000.00	\$108,720,000.00
500	089-X-0222	2019	25400	Operation	KB0000000	C001009	2923746	KB0301020, Theory, National Laboratory Research	0	Default WFO Value	0	Default Loc	\$0.00	\$610,000.00	\$1,280,000.00	\$1,890,000.00	\$1,890,000.00
500	089-X-0222	2016	25400	Operation	KA0000000	C002852	2924380	KA2601020, National Laboratories	0	Default WFO Value	0	Default Loc	\$0.00	\$200,000.00	\$0.00	\$200,000.00	\$200,000.00
510	089-X-0222	2018	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Research And Development Agreements	4861004	CHAGR84181	0	Default Loc	\$2,123.13	-\$2,123.13	\$0.00	-\$2,123.13	\$0.00
510	089-X-0222	2018	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Research And Development Agreements	4861014	CHAGR84075	0	Default Loc	\$22,453.69	-\$22,453.69	\$0.00	-\$22,453.69	\$0.00
510	089-X-0222	2017	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Research And Development Agreements	4860747	CHAGR87105	0	Default Loc	\$25,548.78	\$0.00	\$0.00	\$0.00	\$25,548.78
510	089-X-0222	2019	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Research And Development Agreements	4861091	CHAGRRIKEN	0	Default Loc	\$0.00	\$280,842.98	\$20,399.29	\$301,242.27	\$301,242.27
510	089-X-0222	2018	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Research And Development Agreements	4861091	CHAGRRIKEN	0	Default Loc	\$71,022.21	\$0.00	\$0.00	\$0.00	\$71,022.21
511	089-X-0222	2017	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4861015	CHAGR84099	0	Default Loc	\$903,389.83	\$0.00	\$0.00	\$0.00	\$903,389.83
511	089-X-0222	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861056	CHAGR84080	0	Default Loc	\$4,070.82	-\$4,070.82	\$0.00	-\$4,070.82	\$0.00
511	089-X-0222	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861100	CHAGR84338	0	Default Loc	\$45,915.88	\$0.00	\$0.00	\$0.00	\$45,915.88
511	089-X-0222	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861021	CHAGR84073	0	Default Loc	\$2,654.48	-\$2,654.48	\$0.00	-\$2,654.48	\$0.00
511	089-X-0222	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861023	CHAGR84077	0	Default Loc	\$64,480.13	\$0.00	\$0.00	\$0.00	\$64,480.13
511	089-X-0222	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861052	CHAGR84188	0	Default Loc	\$599,176.00	\$0.00	\$0.00	\$0.00	\$599,176.00
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861107	CHAGR84344	0	Default Loc	\$0.00	\$1,579.07	\$1,033.43	\$2,612.50	\$2,612.50

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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-0222	2018	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861090	CHAGR84320	0	Default Loc	\$106,652.72	\$0.00	\$0.00	\$0.00	\$106,652.72
511	089-X-0222	2018	25400	Operation	:456100000	C003005	6600147	456160032, Industry - Foreign	4801577	CH AGR87807	0	Default Loc	\$50,485.44	\$0.00	\$0.00	\$0.00	\$50,485.44
511	089-X-0222	2018	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861114	CHAGR84347	0	Default Loc	\$40,000.00	\$0.00	\$0.00	\$0.00	\$40,000.00
511	089-X-0222	2018	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861046	CHAGR84105	0	Default Loc	\$20,056.87	\$0.00	\$0.00	\$0.00	\$20,056.87
511	089-X-0222	2019	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861053	CHAGR84207	0	Default Loc	\$0.00	\$154,690.00	\$92,102.00	\$246,792.00	\$246,792.00
511	089-X-0222	2019	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861104	CHAGR84343	0	Default Loc	\$0.00	\$87,167.00	\$0.00	\$87,167.00	\$87,167.00
511	089-X-0222	2019	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861063	CHAGR84227	0	Default Loc	\$0.00	\$78,927.49	\$0.00	\$78,927.49	\$78,927.49
511	089-X-0222	2019	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861009	CHAGR84182	0	Default Loc	\$0.00	\$0.00	\$4,382.92	\$4,382.92	\$4,382.92
511	089-X-0222	2016	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4860880	CHAGR87277	0	Default Loc	\$3,397.00	\$0.00	\$0.00	\$0.00	\$3,397.00
511	089-X-0222	2018	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861088	CHAGR84316	0	Default Loc	\$58,118.62	\$0.00	\$0.00	\$0.00	\$58,118.62
511	089-X-0222	2017	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4860949	CHAGR87358	0	Default Loc	\$8,967.69	\$0.00	\$0.00	\$0.00	\$8,967.69
511	089-X-0222	2018	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861072	CHAGR84235	0	Default Loc	\$5,000.00	\$0.00	\$0.00	\$0.00	\$5,000.00
511	089-X-0222	2018	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861087	CHAGR84315	0	Default Loc	\$2,500.00	-\$2,500.00	\$0.00	-\$2,500.00	\$0.00
511	089-X-0222	2018	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4860971	CHAGR87368	0	Default Loc	\$345.85	-\$345.85	\$0.00	-\$345.85	\$0.00
511	089-X-0222	2018	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861075	CHAGR84301	0	Default Loc	\$21,730.69	\$0.00	\$0.00	\$0.00	\$21,730.69
511	089-X-0222	2016	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4860871	CHAGR87266	0	Default Loc	\$13,578.50	\$0.00	\$0.00	\$0.00	\$13,578.50
511	089-X-0222	2018	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861022	CHAGR84113	0	Default Loc	\$2,548,416.05	\$0.00	\$0.00	\$0.00	\$2,548,416.05
511	089-X-0222	2019	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861130	CHAGR84407	0	Default Loc	\$0.00	\$101,014.94	\$0.00	\$101,014.94	\$101,014.94
511	089-X-0222	2019	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861075	CHAGR84301	0	Default Loc	\$0.00	\$3,269.31	\$0.00	\$3,269.31	\$3,269.31
511	089-X-0222	2019	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861089	CHAGR84317	0	Default Loc	\$0.00	\$9,708.74	\$0.00	\$9,708.74	\$9,708.74
511	089-X-0222	2019	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4860936	CHAGR87293	0	Default Loc	\$0.00	\$2,999.88	\$0.00	\$2,999.88	\$2,999.88
511	089-X-0222	2019	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861109	CHAGR84346	0	Default Loc	\$0.00	\$0.00	\$21,897.14	\$21,897.14	\$21,897.14
511	089-X-0222	2017	25400	Operation	:456100000	C003005	6600147	456160032, Industry - Foreign	4860800	CHAGR87197	0	Default Loc	\$683.29	-\$683.29	\$0.00	-\$683.29	\$0.00
511	089-X-0222	2018	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861093	CHAGR84330	0	Default Loc	\$39,507.26	\$0.00	\$0.00	\$0.00	\$39,507.26
511	089-X-0222	2018	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861068	CHAGR84232	0	Default Loc	\$122.99	\$0.00	\$0.00	\$0.00	\$122.99
511	089-X-0222	2017	25400	Operation	:456100000	C003005	6600147	456160032, Industry - Foreign	4801577	CH AGR87807	0	Default Loc	\$41,696.97	\$0.00	\$0.00	\$0.00	\$41,696.97
511	089-X-0222	2018	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861098	CHAGR84336	0	Default Loc	\$25,008.55	\$0.00	\$0.00	\$0.00	\$25,008.55
511	089-X-0222	2018	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861053	CHAGR84207	0	Default Loc	\$7,214.59	\$0.00	\$0.00	\$0.00	\$7,214.59
511	089-X-0222	2017	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4860936	CHAGR87293	0	Default Loc	\$1,926.60	\$0.00	\$0.00	\$0.00	\$1,926.60
511	089-X-0222	2015	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4860880	CHAGR87277	0	Default Loc	\$2,596.52	\$0.00	\$0.00	\$0.00	\$2,596.52
511	089-X-0222	2018	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861020	CHAGR84072	0	Default Loc	\$1,704.11	-\$1,481.04	\$0.00	-\$1,481.04	\$223.07
511	089-X-0222	2018	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861120	CHAGR84364	0	Default Loc	\$91,831.68	\$0.00	\$0.00	\$0.00	\$91,831.68
511	089-X-0222	2019	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861023	CHAGR84077	0	Default Loc	\$0.00	\$25,519.87	\$17,947.01	\$43,466.88	\$43,466.88
511	089-X-0222	2019	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861133	CHAGR84445	0	Default Loc	\$0.00	\$51,456.31	\$0.00	\$51,456.31	\$51,456.31
511	089-X-0222	2019	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861134	CHAGR84410	0	Default Loc	\$0.00	\$37,880.62	\$0.00	\$37,880.62	\$37,880.62
511	089-X-0222	2019	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861100	CHAGR84338	0	Default Loc	\$0.00	\$50,507.48	\$0.00	\$50,507.48	\$50,507.48
511	089-X-0222	2019	25400	Operation	:456100000	C003005	6600147	456160032, Industry - Foreign	4861076	CHAGR84302	0	Default Loc	\$0.00	\$122,755.09	\$4,117.17	\$126,872.26	\$126,872.26
511	089-X-0222	2018	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861066	CHAGR84228	0	Default Loc	\$32,960.08	\$0.00	\$0.00	\$0.00	\$32,960.08
511	089-X-0222	2018	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861092	CHAGR84331	0	Default Loc	\$121.69	-\$121.69	\$0.00	-\$121.69	\$0.00
511	089-X-0222	2018	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861102	CHAGR84339	0	Default Loc	\$6,084.13	\$0.00	\$0.00	\$0.00	\$6,084.13
511	089-X-0222	2018	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861079	CHAGR84311	0	Default Loc	\$41,439.06	\$0.00	\$0.00	\$0.00	\$41,439.06
511	089-X-0222	2019	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861098	CHAGR84336	0	Default Loc	\$0.00	\$10,241.20	\$14,315.95	\$24,557.15	\$24,557.15
511	089-X-0222	2019	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861135	CHAGR84412	0	Default Loc	\$0.00	\$147,109.00	\$0.00	\$147,109.00	\$147,109.00
511	089-X-0222	2019	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861132	CHAGR84409	0	Default Loc	\$0.00	\$12,250.00	\$0.00	\$12,250.00	\$12,250.00
511	089-X-0222	2019	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861138	AGR84416	0	Default Loc	\$0.00	\$0.00	\$114,789.71	\$114,789.71	\$114,789.71
511	089-X-0222	2017	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4860928	CHAGR87371	0	Default Loc	\$34,457.69	\$0.00	\$0.00	\$0.00	\$34,457.69
511	089-X-0222	2018	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861099	CHAGR84337	0	Default Loc	\$2.94	\$0.00	\$0.00	\$0.00	\$2.94
511	089-X-0222	2018	25400	Operation	:456100000	C003005	6600147	456160032, Industry - Foreign	4860813	CHAGR87217	0	Default Loc	\$116,420.64	\$0.00	\$0.00	\$0.00	\$116,420.64
511	089-X-0222	2018	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861089	CHAGR84317	0	Default Loc	\$163.45	\$0.00	\$0.00	\$0.00	\$163.45
511	089-X-0222	2017	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861017	CHAGR84112	0	Default Loc	\$644.23	\$0.00	\$0.00	\$0.00	\$644.23
511	089-X-0222	2018	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861060	CHAGR84224	0	Default Loc	\$19,067.88	-\$19,067.88	\$0.00	-\$19,067.88	\$0.00
511	089-X-0222	2018	25400	Operation	:456100000	C003005	6600146	456160031, Industry - Domestic	4861111	CHAGR84348	0	Default Loc	\$23,648.21	\$0.00	\$0.00	\$0.00	\$23,648.21

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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-0222	2018	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4860946	CHAGR87357	0	Default Loc	\$899.96	\$0.00	\$0.00	\$0.00	\$899.96
511	089-X-0222	2018	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4860686	CHAGR87872	0	Default Loc	\$5,536.61	\$0.00	\$0.00	\$0.00	\$5,536.61
511	089-X-0222	2018	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4861121	CHAGR84400	0	Default Loc	\$24,271.84	\$0.00	\$0.00	\$0.00	\$24,271.84
511	089-X-0222	2018	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4861021	CHAGR84073	0	Default Loc	\$6,587.34	-\$6,587.34	\$0.00	-\$6,587.34	\$0.00
511	089-X-0222	2019	25400	Operation : 456100000		C003005	6600147	456160032, Industry - Foreign	4861032	CHAGR84163	0	Default Loc	\$0.00	\$13,961.03	\$3,052.02	\$17,013.05	\$17,013.05
511	089-X-0222	2019	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4861022	CHAGR84113	0	Default Loc	\$0.00	\$1,451,583.95	\$695,102.78	\$2,146,686.73	\$2,146,686.73
511	089-X-0222	2019	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4861128	CHAGR84403	0	Default Loc	\$0.00	\$75,000.00	\$0.00	\$75,000.00	\$75,000.00
511	089-X-0222	2019	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4861102	CHAGR84339	0	Default Loc	\$0.00	\$6,888.87	\$0.00	\$6,888.87	\$6,888.87
511	089-X-0222	2018	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4861009	CHAGR84182	0	Default Loc	\$2,617.07	\$0.00	\$0.00	\$0.00	\$2,617.07
511	089-X-0222	2018	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4861107	CHAGR84344	0	Default Loc	\$37,074.29	\$0.00	\$0.00	\$0.00	\$37,074.29
511	089-X-0222	2018	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4861063	CHAGR84227	0	Default Loc	\$22,087.46	\$0.00	\$0.00	\$0.00	\$22,087.46
511	089-X-0222	2018	25400	Operation : 456100000		C003005	6600147	456160032, Industry - Foreign	4861065	CHAGR84230	0	Default Loc	\$217,281.60	\$0.00	\$0.00	\$0.00	\$217,281.60
511	089-X-0222	2018	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4861096	CHAGR84333	0	Default Loc	\$9,631.18	-\$9,631.18	\$0.00	-\$9,631.18	\$0.00
511	089-X-0222	2014	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4860871	CHAGR87266	0	Default Loc	\$119,776.80	\$0.00	\$0.00	\$0.00	\$119,776.80
511	089-X-0222	2019	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4861066	CHAGR84228	0	Default Loc	\$0.00	\$31,567.19	\$0.00	\$31,567.19	\$31,567.19
511	089-X-0222	2019	25400	Operation : 456100000		C003005	6600147	456160032, Industry - Foreign	4801577	CHAGR87807	0	Default Loc	\$0.00	\$25,242.72	\$0.00	\$25,242.72	\$25,242.72
511	089-X-0222	2019	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4861136	CHAGR84411	0	Default Loc	\$0.00	\$0.01	\$20,035.00	\$20,035.01	\$20,035.01
511	089-X-0222	2019	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4861141	CHAGR84418	0	Default Loc	\$0.00	\$0.00	\$18,693.00	\$18,693.00	\$18,693.00
511	089-X-0222	2018	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4861101	CHAGR84340	0	Default Loc	\$40,689.65	\$0.00	\$0.00	\$0.00	\$40,689.65
511	089-X-0222	2016	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4860831	CHAGR87242	0	Default Loc	\$176.63	\$0.00	\$0.00	\$0.00	\$176.63
511	089-X-0222	2017	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4861052	CHAGR84188	0	Default Loc	\$2,146,667.98	\$0.00	\$0.00	\$0.00	\$2,146,667.98
511	089-X-0222	2018	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4860969	CHAGR87369	0	Default Loc	\$72,150.96	\$0.00	\$0.00	\$0.00	\$72,150.96
511	089-X-0222	2018	25400	Operation : 456100000		C003005	6600147	456160032, Industry - Foreign	4861032	CHAGR84163	0	Default Loc	\$45,039.33	\$0.00	\$0.00	\$0.00	\$45,039.33
511	089-X-0222	2018	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4860977	CHAGR87386	0	Default Loc	\$1,033.48	-\$1,033.48	\$0.00	-\$1,033.48	\$0.00
511	089-X-0222	2018	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4861030	CHAGR84082	0	Default Loc	\$914.45	\$0.00	\$0.00	\$0.00	\$914.45
511	089-X-0222	2018	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4860936	CHAGR87293	0	Default Loc	\$6,000.07	\$0.00	\$0.00	\$0.00	\$6,000.07
511	089-X-0222	2018	25400	Operation : 456100000		C003005	6600147	456160032, Industry - Foreign	4860984	CHAGR84052	0	Default Loc	\$67.81	\$0.00	\$0.00	\$0.00	\$67.81
511	089-X-0222	2018	25400	Operation : 456100000		C003005	6600147	456160032, Industry - Foreign	4861076	CHAGR84302	0	Default Loc	\$311,208.48	\$0.00	\$0.00	\$0.00	\$311,208.48
511	089-X-0222	2018	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4861109	CHAGR84346	0	Default Loc	\$382.41	\$0.00	\$0.00	\$0.00	\$382.41
511	089-X-0222	2019	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4861052	CHAGR84188	0	Default Loc	\$0.00	\$3,801,147.82	\$2,533,502.85	\$6,334,650.67	\$6,334,650.67
511	089-X-0222	2019	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4861115	CHAGR84359	0	Default Loc	\$0.00	\$20,000.00	\$0.00	\$20,000.00	\$20,000.00
511	089-X-0222	2019	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4861068	CHAGR84232	0	Default Loc	\$0.00	\$25,253.74	\$0.00	\$25,253.74	\$25,253.74
511	089-X-0222	2019	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4861099	CHAGR84337	0	Default Loc	\$0.00	\$126,268.68	\$0.00	\$126,268.68	\$126,268.68
511	089-X-0222	2019	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4860946	CHAGR87357	0	Default Loc	\$0.00	\$151,827.04	\$34,940.08	\$186,767.12	\$186,767.12
511	089-X-0222	2019	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4861142	CHAGR84419	0	Default Loc	\$0.00	\$0.00	\$40,000.00	\$40,000.00	\$40,000.00
511	089-X-0222	2019	25400	Operation : 456100000		C003005	6600146	456160031, Industry - Domestic	4861121	CHAGR84400	0	Default Loc	\$0.00	\$0.00	\$1,378.10	\$1,378.10	\$1,378.10
512	089-X-0222	2018	25400	Operation : 456100000		C003005	6600050	456140196, NASA Other	4861069	CHAGR80HQTR18T0011	0	Default Loc	\$134,939.61	\$0.00	\$0.00	\$0.00	\$134,939.61
512	089-X-0222	2016	25400	Operation : 456100000		C003005	6600096	456140371, Nuclear Regulatory Commission - Nuclear Reactor R	4860773	CH189QBIO2	0	Default Loc	\$813.05	\$0.00	\$0.00	\$0.00	\$813.05
512	089-X-0222	2015	25400	Operation : 456100000		C003005	6600067	456140352, Department of State - U.S. Voluntary Contribution	4860964	CHAGR1931CM15Y00070	0	Default Loc	\$68,048.75	\$0.00	\$0.00	\$0.00	\$68,048.75
512	089-X-0222	2014	25400	Operation : 456100000		C003005	6600073	456140358, Other Federal Agencies	3011110	CRAGRS-OES-10-IAA-00:0	0	Default Loc	\$121.25	\$0.00	\$0.00	\$0.00	\$121.25
512	089-X-0222	2018	25400	Operation : 456100000		C003005	6600069	456140354, U.S. Agency For International Development USAID	4860930	CHAGRAIDOFDAP15000	0	Default Loc	\$242,718.45	\$0.00	\$0.00	\$0.00	\$242,718.45
512	089-X-0222	2012	25400	Operation : 456100000		C003005	6600053	456140220, Research & Development - Department of Health and	4804149	CHAGRY1AA3009	0	Default Loc	\$4,499.65	\$0.00	\$0.00	\$0.00	\$4,499.65
512	089-X-0222	2016	25400	Operation : 456100000		C003005	6600050	456140196, NASA Other	4860957	CHAGRNNL15AA13I	0	Default Loc	\$1,554.98	-\$1,554.98	\$0.00	-\$1,554.98	\$0.00
512	089-X-0222	2016	25400	Operation : 456100000		C003005	6600050	456140196, NASA Other	4860745	CHAGRNNJ12HA64I	0	Default Loc	\$6,224.31	\$0.00	\$0.00	\$0.00	\$6,224.31
512	089-X-0222	2019	25400	Operation : 456100000		C003005	6600096	456140371, Nuclear Regulatory Commission - Nuclear Reactor R	4860873	CHAGRNRCHQ2514D000	0	Default Loc	\$0.00	\$60,361.17	\$0.00	\$60,361.17	\$60,361.17
512	089-X-0222	2013	25400	Operation : 456100000		C003005	6600053	456140220, Research & Development - Department of Health and	4860794	CHAGRAGM12002001	0	Default Loc	\$8,934.17	\$0.00	\$0.00	\$0.00	\$8,934.17
512	089-X-0222	2014	25400	Operation : 456100000		C003005	6600066	456140351, Department of State - U.S. Voluntary Contribution	4860917	CHAGR1931CP14Y0001-0	0	Default Loc	\$840,986.71	\$0.00	\$0.00	\$0.00	\$840,986.71
512	089-X-0222	2018	25400	Operation : 456100000		C003005	6600050	456140196, NASA Other	4860942	CHAGRNNJ15HP16I	0	Default Loc	\$143,017.14	\$0.00	\$0.00	\$0.00	\$143,017.14
512	089-X-0222	2011	25400	Operation : 456100000		C003005	6600050	456140196, NASA Other	4860463	CHAGRNNJ07HC73I	0	Default Loc	\$0.26	\$0.00	\$0.00	\$0.00	\$0.26
512	089-X-0222	2018	25400	Operation : 456100000		C003005	6600007	456140050, Research & Development - Department of Commerce	4861119	CHAGRP186430006	0	Default Loc	\$563,021.60	\$0.00	\$0.00	\$0.00	\$563,021.60
512	089-X-0222	2016	25400	Operation : 456100000		C003005	6600099	456140374, Nuclear Regulatory Commission - Nuclear Regulator	4860894	CHAGRNRCHQ6014D000	0	Default Loc	\$20,943.02	\$0.00	\$0.00	\$0.00	\$20,943.02
512	089-X-0222	2018	25400	Operation : 456100000		C003005	6600050	456140196, NASA Other	4860979	CHAGRNNJ16HP16I	0	Default Loc	\$7,179,609.54	\$0.00	\$0.00	\$0.00	\$7,179,609.54

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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
512	089-X-0222	2018	25400	Operation :	456100000	C003005	6600066	456140351, Department of State - U.S. Voluntary Contribution	4861127	CH1931CP18Y0001-1800	0	Default Loc	\$12,500,000.00	\$0.00	\$0.00	\$0.00	\$12,500,000.00
512	089-X-0222	2015	25400	Operation :	456100000	C003005	6600099	456140374, Nuclear Regulatory Commission - Nuclear Regulator	4860622	CH189N6859	0	Default Loc	\$561.39	\$0.00	\$0.00	\$0.00	\$561.39
512	089-X-0222	2015	25400	Operation :	456100000	C003005	6600099	456140374, Nuclear Regulatory Commission - Nuclear Regulator	4860657	CH189V6150	0	Default Loc	\$9,708.74	\$0.00	\$0.00	\$0.00	\$9,708.74
512	089-X-0222	2017	25400	Operation :	456100000	C003005	6600007	456140050, Research & Development - Department of Commerce	4861041	CHAGR2017NWSDISSDC0	0	Default Loc	\$109.78	\$0.00	\$0.00	\$0.00	\$109.78
512	089-X-0222	2017	25400	Operation :	456100000	C003005	6600007	456140050, Research & Development - Department of Commerce	4860843	CHAGR20130015000000	0	Default Loc	\$611.68	\$0.00	\$0.00	\$0.00	\$611.68
512	089-X-0222	2016	25400	Operation :	456100000	C003005	6600099	456140374, Nuclear Regulatory Commission - Nuclear Regulator	4860760	CH189N6980	0	Default Loc	\$13,279.83	\$0.00	\$0.00	\$0.00	\$13,279.83
512	089-X-0222	2013	25400	Operation :	456100000	C003005	6600066	456140351, Department of State - U.S. Voluntary Contribution	4860844	CHAGRSIAA13ISNMNSA:0	0	Default Loc	\$3,808.15	\$0.00	\$0.00	\$0.00	\$3,808.15
512	089-X-0222	2018	25400	Operation :	456100000	C003005	6600050	456140196, NASA Other	4861025	CHAGRNNH17AE20I	0	Default Loc	\$35,279.75	\$0.00	\$0.00	\$0.00	\$35,279.75
512	089-X-0222	2016	25400	Operation :	456100000	C003005	6600099	456140374, Nuclear Regulatory Commission - Nuclear Regulator	4860724	CH189V6196	0	Default Loc	\$3,761.11	\$0.00	\$0.00	\$0.00	\$3,761.11
512	089-X-0222	2016	25400	Operation :	456100000	C003005	6600099	456140374, Nuclear Regulatory Commission - Nuclear Regulator	4860817	CH189V6400	0	Default Loc	\$1,784.78	\$0.00	\$0.00	\$0.00	\$1,784.78
512	089-X-0222	2017	25400	Operation :	456100000	C003005	6600066	456140351, Department of State - U.S. Voluntary Contribution	4861057	CH1931CP14Y0001-1700	0	Default Loc	\$4,474,778.10	\$0.00	\$0.00	\$0.00	\$4,474,778.10
512	089-X-0222	2014	25400	Operation :	456100000	C003005	6600073	456140358, Other Federal Agencies	4860852	CHAGR017316	0	Default Loc	\$83,084.91	\$0.00	\$0.00	\$0.00	\$83,084.91
512	089-X-0222	2012	25400	Operation :	456100000	C003005	6600053	456140220, Research & Development - Department of Health and	4860788	CHAGR12FED1204064	0	Default Loc	\$152,272.29	\$0.00	\$0.00	\$0.00	\$152,272.29
512	089-X-0222	2018	25400	Operation :	456100000	C003005	6600050	456140196, NASA Other	4860920	CHAGRRPO201503-0001	0	Default Loc	\$25,684.62	\$0.00	\$0.00	\$0.00	\$25,684.62
512	089-X-0222	2015	25400	Operation :	456100000	C003005	6600007	456140050, Research & Development - Department of Commerce	4860561	CHAGR9EWN90002	0	Default Loc	\$1.29	\$0.00	\$0.00	\$0.00	\$1.29
512	089-X-0222	2011	25400	Operation :	456100000	C003005	6600050	456140196, NASA Other	4860467	CHAGRNNJ07HE78I	0	Default Loc	\$360,508.07	\$0.00	\$0.00	\$0.00	\$360,508.07
512	089-X-0222	2013	25400	Operation :	456100000	C003005	6600007	456140050, Research & Development - Department of Commerce	4860561	CHAGR9EWN90002	0	Default Loc	\$11,621.01	\$0.00	\$0.00	\$0.00	\$11,621.01
512	089-X-0222	2018	25400	Operation :	456100000	C003005	6600050	456140196, NASA Other	4860992	CHAGRNNNA16BD59I	0	Default Loc	\$27,289.71	\$0.00	\$0.00	\$0.00	\$27,289.71
512	089-X-0222	2016	25400	Operation :	456100000	C003005	6600053	456140220, Research & Development - Department of Health and	4803492	CH AGRNIHGRANTS	0	Default Loc	\$455,077.00	\$0.00	\$0.00	\$0.00	\$455,077.00
512	089-X-0222	2014	25400	Operation :	456100000	C003005	6600053	456140220, Research & Development - Department of Health and	4803492	CH AGRNIHGRANTS	0	Default Loc	\$733,390.21	-\$1,260.68	\$0.00	-\$1,260.68	\$732,129.53
512	089-X-0222	2011	25400	Operation :	456100000	C003005	6600096	456140371, Nuclear Regulatory Commission - Nuclear Reactor R	4860532	CH189J4140	0	Default Loc	\$3,429.21	\$0.00	\$0.00	\$0.00	\$3,429.21
512	089-X-0222	2013	25400	Operation :	456100000	C003005	6600067	456140352, Department of State - U.S. Voluntary Contribution	4860796	CHAGRSIAA12ISNCTR01	0	Default Loc	\$19.78	\$0.00	\$0.00	\$0.00	\$19.78
512	089-X-0222	2014	25400	Operation :	456100000	C003005	6600099	456140374, Nuclear Regulatory Commission - Nuclear Regulator	4860697	CH189N6796	0	Default Loc	\$67,304.85	\$0.00	\$0.00	\$0.00	\$67,304.85
512	089-X-0222	2017	25400	Operation :	456100000	C003005	6600069	456140354, U.S. Agency For International Development USAID	4860930	CHAGRAIDOFDAP15000	0	Default Loc	\$121,227.96	\$0.00	\$0.00	\$0.00	\$121,227.96
512	089-X-0222	2018	25400	Operation :	456100000	C003005	6600050	456140196, NASA Other	4860932	CHAGRNNNG14WF16I	0	Default Loc	\$60.98	-\$60.98	\$0.00	-\$60.98	\$0.00
512	089-X-0222	2016	25400	Operation :	456100000	C003005	6600099	456140374, Nuclear Regulatory Commission - Nuclear Regulator	4860948	CHAGRNRCHQ6015D000	0	Default Loc	\$93,722.24	\$0.00	\$0.00	\$0.00	\$93,722.24
512	089-X-0222	2018	25400	Operation :	456100000	C003005	6600051	456140200, Research & Development - National Science Foundat	4861105	CHAGR1836400	0	Default Loc	\$63,865.80	\$0.00	\$0.00	\$0.00	\$63,865.80
512	089-X-0222	2019	25400	Operation :	456100000	C003005	6600007	456140050, Research & Development - Department of Commerce	4861131	CHAGRER2010020001	0	Default Loc	\$0.00	\$67,502.91	\$0.00	\$67,502.91	\$67,502.91
512	089-X-0222	2014	25400	Operation :	456100000	C003005	6600072	456140357, Department of State - Other	4860914	CHAGR1931BH13Y0002-0	0	Default Loc	\$6,708.87	\$0.00	\$0.00	\$0.00	\$6,708.87
512	089-X-0222	2015	25400	Operation :	456100000	C003005	6600072	456140357, Department of State - Other	4860914	CHAGR1931BH13Y0002-0	0	Default Loc	\$260.99	\$0.00	\$0.00	\$0.00	\$260.99
512	089-X-0222	2017	25400	Operation :	456100000	C003005	6600099	456140374, Nuclear Regulatory Commission - Nuclear Regulator	4860901	CHAGRNRCHQ6014D00:0	0	Default Loc	\$34,547.10	\$0.00	\$0.00	\$0.00	\$34,547.10
512	089-X-0222	2018	25400	Operation :	456100000	C003005	6600007	456140050, Research & Development - Department of Commerce	4860850	CHAGR2013002800000:0	0	Default Loc	\$2,448.77	\$0.00	\$0.00	\$0.00	\$2,448.77
512	089-X-0222	2017	25400	Operation :	456100000	C003005	6600100	456140375, Nuclear Regulatory Commission - Commission And St	4860765	CH189N7510	0	Default Loc	\$280.57	\$0.00	\$0.00	\$0.00	\$280.57
512	089-X-0222	2016	25400	Operation :	456100000	C003005	6600066	456140351, Department of State - U.S. Voluntary Contribution	4860970	CHAGR1931CP14Y0001	0	Default Loc	\$1,288,712.72	\$0.00	\$0.00	\$0.00	\$1,288,712.72
512	089-X-0222	2005	25400	Operation :	456100000	C003005	6600053	456140220, Research & Development - Department of Health and	4803774	CH AGRWWN05BNL	0	Default Loc	\$527,491.57	\$0.00	\$0.00	\$0.00	\$527,491.57
512	089-X-0222	2018	25400	Operation :	456100000	C003005	6600096	456140371, Nuclear Regulatory Commission - Nuclear Reactor R	4861125	CHNRC31310018N0012	0	Default Loc	\$319,512.42	\$0.00	\$0.00	\$0.00	\$319,512.42
512	089-X-0222	2007	25400	Operation :	456100000	C003005	6600050	456140196, NASA Other	4860316	CHAGRNNJ05HE71I	0	Default Loc	\$20,870.32	\$0.00	\$0.00	\$0.00	\$20,870.32
512	089-X-0222	2017	25400	Operation :	456100000	C003005	6600099	456140374, Nuclear Regulatory Commission - Nuclear Regulator	4860911	CHAGRNRCHQ6014D00:0	0	Default Loc	\$119,801.34	\$0.00	\$0.00	\$0.00	\$119,801.34
512	089-X-0222	2019	25400	Operation :	456100000	C003005	6600050	456140196, NASA Other	4860979	CHAGRNNJ16HP16I	0	Default Loc	\$0.00	\$15,728.16	\$0.00	\$15,728.16	\$15,728.16
512	089-X-0222	2015	25400	Operation :	456100000	C003005	6600007	456140050, Research & Development - Department of Commerce	4860959	CHAGR201300230002	0	Default Loc	\$473.17	\$0.00	\$0.00	\$0.00	\$473.17
512	089-X-0222	2012	25400	Operation :	456100000	C003005	6600053	456140220, Research & Development - Department of Health and	4804168	CH AGRY1GM0080	0	Default Loc	\$3,309.73	\$0.00	\$0.00	\$0.00	\$3,309.73
512	089-X-0222	2014	25400	Operation :	456100000	C003005	6600053	456140220, Research & Development - Department of Health and	4860836	CHAGRAGM12001001	0	Default Loc	\$767.68	\$0.00	\$0.00	\$0.00	\$767.68
512	089-X-0222	2015	25400	Operation :	456100000	C003005	6600050	456140196, NASA Other	4860927	CHARGNNL15AA05I	0	Default Loc	\$354.45	\$0.00	\$0.00	\$0.00	\$354.45
512	089-X-0222	2015	25400	Operation :	456100000	C003005	6600053	456140220, Research & Development - Department of Health and	4860897	CHAGR21A113565	0	Default Loc	\$6,228.29	\$0.00	\$0.00	\$0.00	\$6,228.29
512	089-X-0222	2017	25400	Operation :	456100000	C003005	6600007	456140050, Research & Development - Department of Commerce	4861054	CHAGRNA17AANWG015	0	Default Loc	\$8,453.63	\$0.00	\$0.00	\$0.00	\$8,453.63
512	089-X-0222	2018	25400	Operation :	456100000	C003005	6600007	456140050, Research & Development - Department of Commerce	4861123	CHAGRP186100007	0	Default Loc	\$85,838.77	\$0.00	\$0.00	\$0.00	\$85,838.77
512	089-X-0222	2014	25400	Operation :	456100000	C003005	6600099	456140374, Nuclear Regulatory Commission - Nuclear Regulator	4860657	CH189V6150	0	Default Loc	\$29,137.54	\$0.00	\$0.00	\$0.00	\$29,137.54
512	089-X-0222	2015	25400	Operation :	456100000	C003005	6600099	456140374, Nuclear Regulatory Commission - Nuclear Regulator	4860913	CHAGRNRCHQ6014D00:0	0	Default Loc	\$151.73	\$0.00	\$0.00	\$0.00	\$151.73
512	089-X-0222	2018	25400	Operation :	456100000	C003005	6600053	456140220, Research & Development - Department of Health and	4860902	CHAGRP41GM111244	0	Default Loc	\$3,011,272.60	\$0.00	\$0.00	\$0.00	\$3,011,272.60
512	089-X-0222	2017	25400	Operation :	456100000	C003005	6600007	456140050, Research & Development - Department of Commerce	4861037	CHAGR17EWN90001	0	Default Loc	\$3.72	\$0.00	\$0.00	\$0.00	\$3.72
512	089-X-0222	2005	25400	Operation :	456100000	C003005	6600066	456140351, Department of State - U.S. Voluntary Contribution	4806666	CHAGRWWFO	0	Default Loc	\$394,234.20	\$0.00	\$0.00	\$0.00	\$394,234.20
512	089-X-0222	2019	25400	Operation :	456100000	C003005	6600050	456140196, NASA Other	4860942	CHAGRNNJ15HP16I	0	Default Loc	\$0.00	\$210,194.17	\$0.00	\$210,194.17	\$210,194.17

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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
512	089-X-0222	2014	25400	Operation	:456100000	C003005	6600007	456140050, Research & Development - Department of Commerce	4860561	CHAGR9EWN90002	0	Default Loc	\$8,737.52	\$0.00	\$0.00	\$0.00	\$8,737.52
512	089-X-0222	2016	25400	Operation	:456100000	C003005	6600066	456140351, Department of State - U.S. Voluntary Contribution	4861012	CHAGR1931CP14Y0001-0	0	Default Loc	\$3,431,271.01	\$0.00	\$0.00	\$0.00	\$3,431,271.01
512	089-X-0222	2018	25400	Operation	:456100000	C003005	6600050	456140196, NASA Other	4861073	CHAGR80HQTR18T0015	0	Default Loc	\$143,425.49	\$0.00	\$0.00	\$0.00	\$143,425.49
512	089-X-0222	2014	25400	Operation	:456100000	C003005	6600096	456140371, Nuclear Regulatory Commission - Nuclear Reactor R	4860776	CH189QBV02	0	Default Loc	\$9,993.07	\$0.00	\$0.00	\$0.00	\$9,993.07
512	089-X-0222	2018	25400	Operation	:456100000	C003005	6600096	456140371, Nuclear Regulatory Commission - Nuclear Reactor R	4861126	CHNRC31310018N0013	0	Default Loc	\$961,165.05	\$0.00	\$0.00	\$0.00	\$961,165.05
512	089-X-0222	2017	25400	Operation	:456100000	C003005	6600050	456140196, NASA Other	4860991	CHAGRNNH16AC33I	0	Default Loc	\$76,278.33	\$0.00	\$0.00	\$0.00	\$76,278.33
512	089-X-0222	2015	25400	Operation	:456100000	C003005	6600053	456140220, Research & Development - Department of Health and	4803492	CH AGRNIHGRANTS	0	Default Loc	\$822,752.00	\$0.00	\$0.00	\$0.00	\$822,752.00
512	089-X-0222	2017	25400	Operation	:456100000	C003005	6600099	456140374, Nuclear Regulatory Commission - Nuclear Regulator	4860947	CHAGRNRCHQ6015D00:0	0	Default Loc	\$1,430.36	\$0.00	\$0.00	\$0.00	\$1,430.36
512	089-X-0222	2018	25400	Operation	:456100000	C003005	6600096	456140371, Nuclear Regulatory Commission - Nuclear Reactor R	4860873	CHAGRNRCHQ2514D00(0	0	Default Loc	\$1,680,118.93	\$0.00	\$0.00	\$0.00	\$1,680,118.93
512	089-X-0222	2016	25400	Operation	:456100000	C003005	6600099	456140374, Nuclear Regulatory Commission - Nuclear Regulator	4860941	CHAGRNRCHQ6015D00(0	0	Default Loc	\$26,293.22	\$0.00	\$0.00	\$0.00	\$26,293.22
512	089-X-0222	2013	25400	Operation	:456100000	C003005	6600007	456140050, Research & Development - Department of Commerce	4860849	CHAGR201300230000	0	Default Loc	\$2,007.03	\$0.00	\$0.00	\$0.00	\$2,007.03
512	089-X-0222	2018	25400	Operation	:456100000	C003005	6600050	456140196, NASA Other	4860991	CHAGRNNH16AC33I	0	Default Loc	\$223,300.97	\$0.00	\$0.00	\$0.00	\$223,300.97
512	089-X-0222	2019	25400	Operation	:456100000	C003005	6600053	456140220, Research & Development - Department of Health and	4861118	CHAGR1R21GM129570	0	Default Loc	\$0.00	\$219,284.00	\$0.00	\$219,284.00	\$219,284.00
512	089-X-0222	2019	25400	Operation	:456100000	C003005	6600050	456140196, NASA Other	4861073	CHAGR80HQTR18T0015	0	Default Loc	\$0.00	\$202,912.62	\$0.00	\$202,912.62	\$202,912.62
517	089-X-0222	2019	25400	Operation	:456100000	C003005	6600207	456167SC0, Office of Science SC	4861108	CHAGR84329	0	Default Loc	\$0.00	\$0.00	\$3,602,103.30	\$3,602,103.30	\$3,602,103.30
517	089-X-0222	2018	25400	Operation	:456100000	C003005	6600207	456167SC0, Office of Science SC	4861108	CHAGR84329	0	Default Loc	\$7,178,397.68	\$0.00	\$0.00	\$0.00	\$7,178,397.68
517	089-X-0222	2018	25400	Operation	:456100000	C003005	6600207	456167SC0, Office of Science SC	4860834	CHAGR87231	0	Default Loc	\$13,298.02	\$0.00	\$0.00	\$0.00	\$13,298.02
517	089-X-0222	2018	25400	Operation	:456100000	C003005	6600207	456167SC0, Office of Science SC	4860826	CHAGR87228	0	Default Loc	\$7,745.02	\$0.00	\$0.00	\$0.00	\$7,745.02
517	089-X-0222	2019	25400	Operation	:456100000	C003005	6600207	456167SC0, Office of Science SC	4861010	CHAGR87353	0	Default Loc	\$0.00	\$3,640,776.70	-\$409,708.74	\$3,231,067.96	\$3,231,067.96
517	089-X-0222	2019	25400	Operation	:456100000	C003005	6600207	456167SC0, Office of Science SC	4860823	CHAGR87225	0	Default Loc	\$0.00	\$0.00	\$58,252.43	\$58,252.43	\$58,252.43
517	089-X-0222	2018	25400	Operation	:456100000	C003005	6600207	456167SC0, Office of Science SC	4861010	CHAGR87353	0	Default Loc	\$51,826.30	\$0.00	\$0.00	\$0.00	\$51,826.30
517	089-X-0222	2018	25400	Operation	:456100000	C003005	6600207	456167SC0, Office of Science SC	4860823	CHAGR87225	0	Default Loc	\$19,856.98	\$0.00	\$0.00	\$0.00	\$19,856.98
674	089-18/19-02	2018	25400	Operation	:TT0000000	C003093	4500001	TT1020000, Contractual Support Services	0	Default WFO Value	0	Default Loc	\$0.00	\$55,000.00	\$0.00	\$55,000.00	\$55,000.00
679	089-15/16-02	2015	25400	Operation	:WA2200000	C001104	2822390	WA2230100, Other Related Expenses - Contractual Services	0	Default WFO Value	302064	Climate RE	\$40,000.00	\$0.00	\$0.00	\$0.00	\$40,000.00
681	089-14/15-02	2014	25400	Operation	:WA2200000	C001104	2822390	WA2230100, Other Related Expenses - Contractual Services	0	Default WFO Value	0	Default Loc	\$39,548.18	\$0.00	\$0.00	\$0.00	\$39,548.18
692	089-14/15-02	2014	25400	Operation	:WN0000000	C001118	1721222	WN0219060, State and Local Governments and Non-Profit Organi	4860825	CHAGR87227	0	Default Loc	\$17,728.79	\$0.00	\$0.00	\$0.00	\$17,728.79
900	089-X-0240	2019	25400	Operation	:DP0909000	C002955	2223112	DP0909010, Nuclear Criticality Safety Program	0	Default WFO Value	0	Default Loc	\$0.00	\$275,000.00	\$0.00	\$275,000.00	\$275,000.00
900	089-X-0240	2014	25400	Operation	:DP4000000	C000925	2222480	DP4011093, Nuclear Counterterrorism	0	Default WFO Value	0	Default Loc	\$2,057.91	\$0.00	\$0.00	\$0.00	\$2,057.91
900	089-X-0240	2018	25400	Operation	:DP0909000	C002955	2223112	DP0909010, Nuclear Criticality Safety Program	0	Default WFO Value	0	Default Loc	\$24,444.15	\$0.00	\$0.00	\$0.00	\$24,444.15
900	089-X-0240	2015	25400	Operation	:DP4000000	C000925	2221775	DP4015011 - Radiological Assistance Program	0	Default WFO Value	0	Default Loc	\$0.01	\$0.00	\$0.00	\$0.00	\$0.01
900	089-X-0240	2014	25400	Operation	:DP1204000	C000912	2220743	DP1204010, Secondary Assessment Technologies	0	Default WFO Value	0	Default Loc	\$836.82	\$0.00	\$0.00	\$0.00	\$836.82
900	089-X-0240	2015	25400	Operation	:DP8000000	C002982	2222989	DP8000000, Counterterrorism and Counterproliferation Program	0	Default WFO Value	0	Default Loc	\$3,252.52	\$0.00	\$0.00	\$0.00	\$3,252.52
910	089-X-0240	2014	25400	Operation	:456100000	C003005	6600014	456140075, Army - Other	4860884	CHAGRW74RDV411256(0	0	Default Loc	\$70,657.76	\$0.00	\$0.00	\$0.00	\$70,657.76
910	089-X-0240	2015	25400	Operation	:456100000	C003005	6600084	45614036B, Science and Technology - Other	4860847	CHAGRHSQDC13X002:0	0	Default Loc	\$34,200.86	\$0.00	\$0.00	\$0.00	\$34,200.86
910	089-X-0240	2017	25400	Operation	:456100000	C003005	6600072	456140357, Department of State - Other	4860787	CHAGRSIAA1213ISNNAC	0	Default Loc	\$0.01	\$0.00	\$0.00	\$0.00	\$0.01
910	089-X-0240	2014	25400	Operation	:456100000	C003005	6600084	45614036B, Science and Technology - Other	4860789	CHAGRHSQDC12X003:0	0	Default Loc	\$4,403.81	\$0.00	\$0.00	\$0.00	\$4,403.81
910	089-X-0240	2014	25400	Operation	:456100000	C003005	6600084	45614036B, Science and Technology - Other	4841247	CHAGRHSQDC10X005:0	0	Default Loc	\$4,212.25	\$0.00	\$0.00	\$0.00	\$4,212.25
910	089-X-0240	2014	25400	Operation	:456100000	C003005	6600072	456140357, Department of State - Other	4860787	CHAGRSIAA1213ISNNAC	0	Default Loc	\$849.00	\$0.00	\$0.00	\$0.00	\$849.00
910	089-X-0240	2015	25400	Operation	:456100000	C003005	6600014	456140075, Army - Other	4860884	CHAGRW74RDV411256(0	0	Default Loc	\$97,087.38	\$0.00	\$0.00	\$0.00	\$97,087.38
910	089-X-0240	2014	25400	Operation	:456100000	C003005	6600084	45614036B, Science and Technology - Other	4860915	CHAGRHSQPM14X002	0	Default Loc	\$11,352.52	\$0.00	\$0.00	\$0.00	\$11,352.52
1050	089-X-0243	2018	25400	Operation	:HQ0000000	C002425	3184701	HQ1001000, Worker Advocacy	0	Default WFO Value	0	Default Loc	\$9,523.04	\$0.00	\$0.00	\$0.00	\$9,523.04
1050	089-X-0243	2019	25400	Operation	:HQ0000000	C002425	3184701	HQ1001000, Worker Advocacy	0	Default WFO Value	0	Default Loc	\$0.00	\$15,000.00	\$0.00	\$15,000.00	\$15,000.00
1050	089-X-0243	2018	25400	Operation	:HU0000000	C002426	3184709	HU2006100, Occupational Medicine	0	Default WFO Value	0	Default Loc	\$2,500.00	\$0.00	\$0.00	\$0.00	\$2,500.00
1055	089-X-0243	2016	25400	Operation	:456100000	C003005	6600084	45614036B, Science and Technology - Other	4842534	CHAGRHSQDC15X001:0	0	Default Loc	\$21,555.93	\$0.00	\$0.00	\$0.00	\$21,555.93
1055	089-X-0243	2017	25400	Operation	:456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861055	CHAGRNCSC17007	0	Default Loc	\$175,668.34	\$0.00	\$0.00	\$0.00	\$175,668.34
1055	089-X-0243	2018	25400	Operation	:456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861055	CHAGRNCSC17007	0	Default Loc	\$450,000.00	\$0.00	\$0.00	\$0.00	\$450,000.00
1055	089-X-0243	2018	25400	Operation	:456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861112	CHAGREAOC0044286	0	Default Loc	\$147,799.55	\$0.00	\$0.00	\$0.00	\$147,799.55
1055	089-X-0243	2016	25400	Operation	:456100000	C003005	6600084	45614036B, Science and Technology - Other	4860997	CHAGRHSQPM16X000	0	Default Loc	\$17,697.10	\$0.00	\$0.00	\$0.00	\$17,697.10
1055	089-X-0243	2018	25400	Operation	:456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861113	CHAGREAOC0048606	0	Default Loc	\$96,227.18	\$0.00	\$0.00	\$0.00	\$96,227.18
1055	089-X-0243	2016	25400	Operation	:456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861013	CHAGRNI08G16196GS2	0	Default Loc	\$100,000.00	\$0.00	\$0.00	\$0.00	\$100,000.00
1055	089-X-0243	2018	25400	Operation	:456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861083	CHAGREAOC0038905	0	Default Loc	\$317,094.71	\$0.00	\$0.00	\$0.00	\$317,094.71
1055	089-X-0243	2016	25400	Operation	:456100000	C003005	6600084	45614036B, Science and Technology - Other	4860994	CHAGRHSQPM16X000	0	Default Loc	\$2,561.17	\$0.00	\$0.00	\$0.00	\$2,561.17

BROOKHAVEN NATIONAL LABORATORY
 CONTRACT MOD # 0137 [January]
 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
1055	089-X-0243	2012	25400	Operation	:456100000	C003005	6600084	45614036B, Science and Technology - Other	4860604	CHAGRHSQDC09X0062	0	Default Loc	\$20,000.00	\$0.00	\$0.00	\$0.00	\$20,000.00
1055	089-X-0243	2015	25400	Operation	:456100000	C003005	6600084	45614036B, Science and Technology - Other	4860933	CHAGRHSQPM15X000	0	Default Loc	\$2,147.71	\$0.00	\$0.00	\$0.00	\$2,147.71
1055	089-X-0243	2017	25400	Operation	:456100000	C003005	6600084	45614036B, Science and Technology - Other	4861049	CHAGRHSQPM17X001	0	Default Loc	\$1,108.00	\$0.00	\$0.00	\$0.00	\$1,108.00
1055	089-X-0243	2017	25400	Operation	:456100000	C003005	6600084	45614036B, Science and Technology - Other	4861038	AGRHSQPM17X00137	0	Default Loc	\$535.90	-\$535.90	\$0.00	-\$535.90	\$0.00
1055	089-X-0243	2011	25400	Operation	:456100000	C003005	6600020	456140086, Navy - Other	4860694	CHAGRN0001411IP2005	0	Default Loc	\$2,572.20	\$0.00	\$0.00	\$0.00	\$2,572.20
1055	089-X-0243	2018	25400	Operation	:456100000	C003005	6600038	456140135, DARPA - Other	4861106	CHAGRHR0011835865	0	Default Loc	\$320,703.38	\$0.00	\$0.00	\$0.00	\$320,703.38
1055	089-X-0243	2016	25400	Operation	:456100000	C003005	6600084	45614036B, Science and Technology - Other	4860960	CHAGRHSQDC15X0014	0	Default Loc	\$90,000.00	\$0.00	\$0.00	\$0.00	\$90,000.00
1055	089-X-0243	2018	25400	Operation	:456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861095	CHAGREAO0041083	0	Default Loc	\$55,000.00	\$0.00	\$0.00	\$0.00	\$55,000.00
1055	089-X-0243	2015	25400	Operation	:456100000	C003005	6600084	45614036B, Science and Technology - Other	4842545	CHAGRHSQPM15X001	0	Default Loc	\$156.92	\$0.00	\$0.00	\$0.00	\$156.92
1055	089-X-0243	2017	25400	Operation	:456100000	C003005	6600084	45614036B, Science and Technology - Other	4861024	CHAGRHSQPM16X002	0	Default Loc	\$437.15	\$0.00	\$0.00	\$0.00	\$437.15
1055	089-X-0243	2016	25400	Operation	:456100000	C003005	6600033	456140124, DNA - Other	4861006	CHAGR1002721193	0	Default Loc	\$2,259.69	\$0.00	\$0.00	\$0.00	\$2,259.69
1055	089-X-0243	2018	25400	Operation	:456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861097	CHAGREAO0043663	0	Default Loc	\$61,792.34	\$0.00	\$0.00	\$0.00	\$61,792.34
1055	089-X-0243	2018	25400	Operation	:456100000	C003005	6600109	456140063, Air Force - Other	4861078	CHAGRF4FBFP8012G10	0	Default Loc	\$38,994.52	\$0.00	\$0.00	\$0.00	\$38,994.52
1055	089-X-0243	2016	25400	Operation	:456100000	C003005	6600084	45614036B, Science and Technology - Other	4861008	CHAGRHSQDN16X000	0	Default Loc	\$25,000.00	\$0.00	\$0.00	\$0.00	\$25,000.00
1055	089-X-0243	2018	25400	Operation	:456100000	C003005	6600084	45614036B, Science and Technology - Other	4861051	CHAGRHSQPM17X002	0	Default Loc	\$221,200.00	\$0.00	\$0.00	\$0.00	\$221,200.00
1055	089-X-0243	2018	25400	Operation	:456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861094	CHAGREAO0046634	0	Default Loc	\$150,000.00	\$0.00	\$0.00	\$0.00	\$150,000.00
1055	089-X-0243	2017	25400	Operation	:456100000	C003005	6600084	45614036B, Science and Technology - Other	4861048	CHAGRHSQPM17X002	0	Default Loc	\$286,219.17	\$0.00	\$0.00	\$0.00	\$286,219.17
1055	089-X-0243	2011	25400	Operation	:456100000	C003005	6600084	45614036B, Science and Technology - Other	4860604	CHAGRHSQDC09X0062	0	Default Loc	\$25,454.80	\$0.00	\$0.00	\$0.00	\$25,454.80
1055	089-X-0243	2018	25400	Operation	:456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861117	CHAGRNR00118058GR0	0	Default Loc	\$600,000.00	\$0.00	\$0.00	\$0.00	\$600,000.00
1055	089-X-0243	2017	25400	Operation	:456100000	C003005	6600084	45614036B, Science and Technology - Other	4861005	CHAGRHSQDN16X000	0	Default Loc	\$1,681,056.67	\$0.00	\$0.00	\$0.00	\$1,681,056.67
1055	089-X-0243	2019	25400	Operation	:456100000	C003005	6600084	45614036B, Science and Technology - Other	4861143	CHAGR70RSAT18KPM0C	0	Default Loc	\$0.00	\$110,000.00	\$0.00	\$110,000.00	\$110,000.00
1055	089-X-0243	2018	25400	Operation	:456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861085	CHAGRNR78G17304GS0	0	Default Loc	\$418,837.42	\$0.00	\$0.00	\$0.00	\$418,837.42
1055	089-X-0243	2018	25400	Operation	:456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861110	CH16003D2018180515C	0	Default Loc	\$172,913.16	\$0.00	\$0.00	\$0.00	\$172,913.16
1055	089-X-0243	2018	25400	Operation	:456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861082	CHAGREAO0038769	0	Default Loc	\$403.92	\$0.00	\$0.00	\$0.00	\$403.92
1055	089-X-0243	2018	25400	Operation	:456100000	C003005	6600084	45614036B, Science and Technology - Other	4861129	CHAGR70RSAT18KPM0C	0	Default Loc	\$200,000.00	\$0.00	\$0.00	\$0.00	\$200,000.00
1055	089-X-0243	2018	25400	Operation	:456100000	C003005	6600084	45614036B, Science and Technology - Other	4861024	CHAGRHSQPM16X002	0	Default Loc	\$15,000.00	\$0.00	\$0.00	\$0.00	\$15,000.00
1055	089-X-0243	2019	25400	Operation	:456100000	C003005	6600038	456140135, DARPA - Other	4861137	CHAGRHR0011938097	0	Default Loc	\$0.00	\$253,119.42	\$0.00	\$253,119.42	\$253,119.42
1055	089-X-0243	2015	25400	Operation	:456100000	C003005	6600084	45614036B, Science and Technology - Other	4860923	CHARGHSQPM14X-00	0	Default Loc	\$696.09	\$0.00	\$0.00	\$0.00	\$696.09
1055	089-X-0243	2017	25400	Operation	:456100000	C003005	6600084	45614036B, Science and Technology - Other	4861051	CHAGRHSQPM17X002	0	Default Loc	\$41,676.76	\$0.00	\$0.00	\$0.00	\$41,676.76
1055	089-X-0243	2018	25400	Operation	:456100000	C003005	6600084	45614036B, Science and Technology - Other	4861124	CHAGR70FA5018K0000	0	Default Loc	\$20,000.00	\$0.00	\$0.00	\$0.00	\$20,000.00
1055	089-X-0243	2012	25400	Operation	:456100000	C003005	6600084	45614036B, Science and Technology - Other	4860789	CHAGRHSQDC12X0032	0	Default Loc	\$1,561.80	\$0.00	\$0.00	\$0.00	\$1,561.80
1055	089-X-0243	2015	25400	Operation	:456100000	C003005	6600084	45614036B, Science and Technology - Other	4860960	CHAGRHSQDC15X0014	0	Default Loc	\$120,280.40	\$0.00	\$0.00	\$0.00	\$120,280.40
1060	089-X-0243	2018	25400	Operation	:GD6000000	C002970	3203764	GD6020400, CI Training	0	Default WFO Value	0	Default Loc	\$60,260.00	\$0.00	\$0.00	\$0.00	\$60,260.00
1060	089-X-0243	2017	25400	Operation	:GD6000000	C002970	3203764	GD6020400, CI Training	0	Default WFO Value	0	Default Loc	\$5,100.26	\$0.00	\$0.00	\$0.00	\$5,100.26
1060	089-X-0243	2018	25400	Operation	:GD6000000	C002970	3203780	GD6050200, Technical Services	0	Default WFO Value	0	Default Loc	\$123,011.73	\$0.00	\$0.00	\$0.00	\$123,011.73
1060	089-X-0243	2019	25400	Operation	:GD6000000	C002970	3203761	GD6020100, Analysis	0	Default WFO Value	0	Default Loc	\$0.00	\$80,610.00	\$246,268.00	\$326,878.00	\$326,878.00
1060	089-X-0243	2018	25400	Operation	:GD6000000	C002970	3203769	GD6020900, Office of The SCIO	0	Default WFO Value	0	Default Loc	\$293,339.45	\$0.00	\$0.00	\$0.00	\$293,339.45
1060	089-X-0243	2019	25400	Operation	:GD6000000	C002970	3203763	GD6020300, Investigations	0	Default WFO Value	0	Default Loc	\$0.00	\$648,930.00	\$1,982,579.00	\$2,631,509.00	\$2,631,509.00
1060	089-X-0243	2019	25400	Operation	:GD6000000	C002970	3203762	GD6020200, Security	0	Default WFO Value	0	Default Loc	\$0.00	\$163,000.00	\$0.00	\$163,000.00	\$163,000.00
1060	089-X-0243	2018	25400	Operation	:GD6000000	C002970	3203763	GD6020300, Investigations	0	Default WFO Value	0	Default Loc	\$273,869.22	\$0.00	\$0.00	\$0.00	\$273,869.22
1060	089-X-0243	2017	25400	Operation	:GD6000000	C002970	3203779	GD6050100, CYBER & OPERATIONS	0	Default WFO Value	0	Default Loc	\$864.41	\$0.00	\$0.00	\$0.00	\$864.41
1060	089-X-0243	2018	25400	Operation	:GD6000000	C002970	3203761	GD6020100, Analysis	0	Default WFO Value	0	Default Loc	\$188,358.94	\$0.00	\$0.00	\$0.00	\$188,358.94
1060	089-X-0243	2019	25400	Operation	:GD6000000	C002970	3203769	GD6020900, Office of The SCIO	0	Default WFO Value	0	Default Loc	\$0.00	\$187,650.00	\$573,270.00	\$760,920.00	\$760,920.00
1079	089-16/17-02	2016	25400	Operation	:CS0000000	C000892	1713352	CS7000000, Integrated Joint Cybersecurity Coordination Cente	0	Default WFO Value	0	Default Loc	\$5,561.57	\$0.00	\$0.00	\$0.00	\$5,561.57
1551	089-X-0309	2018	25400	Operation	:DN4000000	C003042	2223096	DN4001030, Safeguards Technology Development	0	Default WFO Value	0	Default Loc	\$222,697.36	\$0.00	\$0.00	\$0.00	\$222,697.36
1551	089-X-0309	2016	25400	Operation	:DN4000000	C003042	2223105	DN4004030, Multilateral Supplier Policy	0	Default WFO Value	0	Default Loc	\$81,275.44	\$0.00	\$0.00	\$0.00	\$81,275.44
1551	089-X-0309	2017	25400	Operation	:DN1001000	C003034	2223049	DN1001011, U.S. Costs for Russia Newly Independent State Pro	0	Default WFO Value	0	Default Loc	\$140,000.00	\$0.00	\$0.00	\$0.00	\$140,000.00
1551	089-X-0309	2015	25400	Operation	:NN4000000	C001056	2222732	NN4012030, Multilateral Supplier Policy	0	Default WFO Value	0	Default Loc	\$7.25	\$0.00	-\$7.25	-\$7.25	\$0.00
1551	089-X-0309	2015	25400	Operation	:NN4000000	C001056	2222733	NN4012040, Policy Studies and Support	0	Default WFO Value	0	Default Loc	\$28,413.25	\$0.00	\$0.00	\$0.00	\$28,413.25
1551	089-X-0309	2018	25400	Operation	:DN4000000	C003042	2223103	DN4004010, Global Regimes	0	Default WFO Value	0	Default Loc	\$35,435.78	\$0.00	\$0.00	\$0.00	\$35,435.78
1551	089-X-0309	2015	25400	Operation	:NNS5000000	C001058	2222881	NNS5070040, US Costs for Non Russia Non-Newly Independent Sta	0	Default WFO Value	0	Default Loc	\$15,000.00	-\$9,011.41	\$0.00	-\$9,011.41	\$5,988.59
1551	089-X-0309	2018	25400	Operation	:DN1005000	C003088	2223152	DN1005010, Domestic Radiological Security	0	Default WFO Value	0	Default Loc	\$111,905.15	\$0.00	\$0.00	\$0.00	\$111,905.15

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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-0309	2019	25400	Operation : DN4000000	C003042	2223101	DN4003010, Warhead Dismantlement and Fissile Material Transp		0	Default WFO Value	0	Default Loc	\$0.00	\$185,000.00	\$0.00	\$185,000.00	\$185,000.00
1551	089-X-0309	2019	25400	Operation : DN4000000	C003042	2223094	DN4001010, Safeguards Policy		0	Default WFO Value	0	Default Loc	\$0.00	\$781,872.00	\$0.00	\$781,872.00	\$781,872.00
1551	089-X-0309	2019	25400	Operation : DN2010000	C003118	2223180	DN2010000, Proliferation Detection R&D		0	Default WFO Value	0	Default Loc	\$0.00	\$690,000.00	\$0.00	\$690,000.00	\$690,000.00
1551	089-X-0309	2018	25400	Operation : DN2012000	C003120	2223182	DN2012010, U.S. High Performance Research Reactor-USHPRR		0	Default WFO Value	0	Default Loc	\$7,477.00	\$0.00	\$0.00	\$0.00	\$7,477.00
1551	089-X-0309	2017	25400	Operation : DN4000000	C003042	2223106	DN4004040, Policy Studies and Support		0	Default WFO Value	0	Default Loc	\$26.66	\$0.00	\$0.00	\$0.00	\$26.66
1551	089-X-0309	2015	25400	Operation : NN9100000	C002938	2222883	NN9100000, Highly Enriched Uranium HEU Reactor Conversion		0	Default WFO Value	0	Default Loc	\$625.62	\$0.00	\$0.00	\$0.00	\$625.62
1551	089-X-0309	2015	25400	Operation : NN5000000	C001058	2221240	NN5004010, U.S. Costs for Russia Newly Independent States Pr		0	Default WFO Value	0	Default Loc	\$10,121.59	\$0.00	\$0.00	\$0.00	\$10,121.59
1551	089-X-0309	2015	25400	Operation : NN4000000	C001056	2222718	NN4009020, DO NOT USE!!! Safeguards Engagement		0	Default WFO Value	0	Default Loc	\$29.70	-\$29.70	\$0.00	-\$29.70	\$0.00
1551	089-X-0309	2017	25400	Operation : DN3001000	C003039	2223080	DN3001020, Molybdenum-99 Mo-99		0	Default WFO Value	0	Default Loc	\$7,011.34	\$0.00	\$0.00	\$0.00	\$7,011.34
1551	089-X-0309	2016	25400	Operation : DN1001000	C003034	2223053	DN1001021, U.S. Costs for Russia Newly Independent State Pro		0	Default WFO Value	0	Default Loc	\$544,016.73	\$0.00	\$0.00	\$0.00	\$544,016.73
1551	089-X-0309	2019	25400	Operation : DN4000000	C003042	2223103	DN4004010, Global Regimes		0	Default WFO Value	0	Default Loc	\$0.00	\$304,170.00	\$0.00	\$304,170.00	\$304,170.00
1551	089-X-0309	2019	25400	Operation : DN4000000	C003042	2223102	DN4003020, Nuclear Noncompliance Verification		0	Default WFO Value	0	Default Loc	\$0.00	\$631,000.00	\$0.00	\$631,000.00	\$631,000.00
1551	089-X-0309	2019	25400	Operation : DN4000000	C003042	2223106	DN4004040, Policy Studies and Support		0	Default WFO Value	0	Default Loc	\$0.00	\$100,000.00	\$0.00	\$100,000.00	\$100,000.00
1551	089-X-0309	2015	25400	Operation : NN4000000	C001056	2222730	NN4012010, Global Regimes		0	Default WFO Value	0	Default Loc	\$160.47	\$0.00	-\$160.47	-\$160.47	\$0.00
1551	089-X-0309	2018	25400	Operation : DN4000000	C003042	2223102	DN4003020, Nuclear Noncompliance Verification		0	Default WFO Value	0	Default Loc	\$121,801.18	\$0.00	\$0.00	\$0.00	\$121,801.18
1551	089-X-0309	2013	25400	Operation : NN4000000	C001056	2222721	NN4010010, International Nonproliferation Export Control		0	Default WFO Value	0	Default Loc	\$29.02	-\$29.02	\$0.00	-\$29.02	\$0.00
1551	089-X-0309	2018	25400	Operation : CT0000000	C003007	2223025	CT8405010, Technology Integration TI		0	Default WFO Value	0	Default Loc	\$677.25	\$0.00	\$0.00	\$0.00	\$677.25
1551	089-X-0309	2015	25400	Operation : NN5000000	C001058	2221235	NN5002020, In-Country Costs for Russia Newly Independent Sta		0	Default WFO Value	0	Default Loc	\$1,139,072.07	-\$30,000.00	\$0.00	-\$30,000.00	\$1,109,072.07
1551	089-X-0309	2019	25400	Operation : DN1003000	C003036	2223063	DN1003011, U.S. Costs for Russia Newly Independent State Pro		0	Default WFO Value	0	Default Loc	\$0.00	\$750,000.00	\$137,411.24	\$887,411.24	\$887,411.24
1551	089-X-0309	2013	25400	Operation : NN4000000	C001056	2222717	NN4009010, Safeguards Policy and Human Resources		0	Default WFO Value	0	Default Loc	\$0.00	\$29.02	\$0.00	\$29.02	\$29.02
1551	089-X-0309	2014	25400	Operation : NN4000000	C001056	2222717	NN4009010, Safeguards Policy and Human Resources		0	Default WFO Value	0	Default Loc	\$0.00	\$11.07	\$0.00	\$11.07	\$11.07
1551	089-X-0309	2018	25400	Operation : DN4000000	C003042	2223094	DN4001010, Safeguards Policy		0	Default WFO Value	0	Default Loc	\$241,179.71	\$0.00	\$0.00	\$0.00	\$241,179.71
1551	089-X-0309	2015	25400	Operation : NN5000000	C001058	2221243	NN5005011, U.S. Costs for Russia Newly Independent States Pr		0	Default WFO Value	0	Default Loc	\$48,416.10	\$0.00	\$0.00	\$0.00	\$48,416.10
1551	089-X-0309	2015	25400	Operation : NN4000000	C001056	2222717	NN4009010, Safeguards Policy and Human Resources		0	Default WFO Value	0	Default Loc	\$235.76	\$127.96	\$167.72	\$295.68	\$531.44
1551	089-X-0309	2019	25400	Operation : DN2012000	C003120	2223182	DN2012010, U.S. High Performance Research Reactor-USHPRR		0	Default WFO Value	0	Default Loc	\$0.00	\$429,133.00	\$0.00	\$429,133.00	\$429,133.00
1551	089-X-0309	2019	25400	Operation : DN4000000	C003042	2223095	DN4001020, Safeguards Engagement INSEP		0	Default WFO Value	0	Default Loc	\$0.00	\$1,096,000.00	\$0.00	\$1,096,000.00	\$1,096,000.00
1551	089-X-0309	2014	25400	Operation : NN4000000	C001056	2222722	NN4010021, US Costs for Russia Newly Independent States		0	Default WFO Value	0	Default Loc	\$11.07	-\$11.07	\$0.00	-\$11.07	\$0.00
1551	089-X-0309	2014	25400	Operation : NN5000000	C001058	2222881	NN5070040, US Costs for Non Russia Non-Newly Independent Sta		0	Default WFO Value	0	Default Loc	\$21,819.56	-\$21,819.56	\$0.00	-\$21,819.56	\$0.00
1551	089-X-0309	2018	25400	Operation : DN1006000	C003089	2223153	DN1006010, International Radiological Security		0	Default WFO Value	0	Default Loc	\$34,738.39	\$0.00	\$0.00	\$0.00	\$34,738.39
1551	089-X-0309	2015	25400	Operation : NN5000000	C001058	2221234	NN5002010, U.S. Costs for Russia Newly Independent States Pr		0	Default WFO Value	0	Default Loc	\$58,896.49	\$30,000.00	\$0.00	\$30,000.00	\$88,896.49
1551	089-X-0309	2017	25400	Operation : DN3001000	C003039	2223079	DN3001010, Highly Enriched Uranium HEU Reactor Conversion		0	Default WFO Value	0	Default Loc	\$10,000.00	\$0.00	\$0.00	\$0.00	\$10,000.00
1551	089-X-0309	2014	25400	Operation : NN5000000	C001058	2221231	NN5001010, U.S. Costs for Russia Newly Independent States Pr		0	Default WFO Value	0	Default Loc	\$2.69	\$0.00	\$0.00	\$0.00	\$2.69
1551	089-X-0309	2019	25400	Operation : CT0000000	C003007	2223023	CT8404010, Evaluation, Exercise, Readiness, and Response Sup		0	Default WFO Value	0	Default Loc	\$0.00	\$105,000.00	\$0.00	\$105,000.00	\$105,000.00
1551	089-X-0309	2019	25400	Operation : CT0000000	C003007	2223020	CT8401000, Radiological Assistance Program RAP		0	Default WFO Value	0	Default Loc	\$0.00	\$2,414,018.00	\$0.00	\$2,414,018.00	\$2,414,018.00
1551	089-X-0309	2017	25400	Operation : DN2000000	C003038	2223076	DN2001000, Proliferation Detection		0	Default WFO Value	0	Default Loc	\$67,947.41	\$0.00	\$0.00	\$0.00	\$67,947.41
1551	089-X-0309	2015	25400	Operation : NN9300000	C002936	2222890	NN9301000, Domestic Nuclear and Radiological Material Protec		0	Default WFO Value	0	Default Loc	\$4.21	-\$4.21	\$0.00	-\$4.21	\$0.00
1551	089-X-0309	2018	25400	Operation : CT0000000	C003007	2223014	CT8101000, Nuclear Incident Policy and Cooperation		0	Default WFO Value	0	Default Loc	\$40,583.15	\$0.00	\$0.00	\$0.00	\$40,583.15
1551	089-X-0309	2019	25400	Operation : DN4000000	C003042	2223096	DN4001030, Safeguards Technology Development		0	Default WFO Value	0	Default Loc	\$0.00	\$628,000.00	\$0.00	\$628,000.00	\$628,000.00
1551	089-X-0309	2019	25400	Operation : DN1006000	C003089	2223153	DN1006010, International Radiological Security		0	Default WFO Value	0	Default Loc	\$0.00	\$0.00	\$75,000.00	\$75,000.00	\$75,000.00
1551	089-X-0309	2016	25400	Operation : DN1001000	C003034	2223049	DN1001011, U.S. Costs for Russia Newly Independent State Pro		0	Default WFO Value	0	Default Loc	\$2,911.08	\$0.00	\$0.00	\$0.00	\$2,911.08
1551	089-X-0309	2018	25400	Operation : CT0000000	C003007	2223023	CT8404010, Evaluation, Exercise, Readiness, and Response Sup		0	Default WFO Value	0	Default Loc	\$2,513.78	\$0.00	\$0.00	\$0.00	\$2,513.78
1551	089-X-0309	2015	25400	Operation : NN4000000	C001056	2222719	NN4009030, Safeguards Technology Development		0	Default WFO Value	0	Default Loc	\$98.26	-\$98.26	\$0.00	-\$98.26	\$0.00
1551	089-X-0309	2019	25400	Operation : CT0000000	C003007	2223144	CT8000000, NA-80 CTCP		0	Default WFO Value	0	Default Loc	\$0.00	\$150,000.00	\$0.00	\$150,000.00	\$150,000.00
1551	089-X-0309	2018	25400	Operation : DN4000000	C003042	2223095	DN4001020, Safeguards Engagement INSEP		0	Default WFO Value	0	Default Loc	\$293,029.56	\$0.00	\$0.00	\$0.00	\$293,029.56
1551	089-X-0309	2018	25400	Operation : DN2010000	C003118	2223180	DN2010000, Proliferation Detection R&D		0	Default WFO Value	0	Default Loc	\$114,433.87	\$0.00	\$0.00	\$0.00	\$114,433.87
1551	089-X-0309	2015	25400	Operation : NN2000000	C001052	2221132	NN2001000, Nonproliferation Detection		0	Default WFO Value	0	Default Loc	\$338.56	\$0.00	\$0.00	\$0.00	\$338.56
1551	089-X-0309	2017	25400	Operation : DN2000000	C003038	2223154	DN2006000, USHPRR		0	Default WFO Value	0	Default Loc	\$225.25	\$0.00	\$0.00	\$0.00	\$225.25
1551	089-X-0309	2013	25400	Operation : NN5000000	C001058	2222811	NN5003040, US Costs for Non Russia Non-Newly Independent Sta		0	Default WFO Value	0	Default Loc	\$2,868.79	\$0.00	\$0.00	\$0.00	\$2,868.79
1551	089-X-0309	2018	25400	Operation : DN1003000	C003036	2223063	DN1003011, U.S. Costs for Russia Newly Independent State Pro		0	Default WFO Value	0	Default Loc	\$931,325.42	\$0.00	\$0.00	\$0.00	\$931,325.42
1551	089-X-0309	2018	25400	Operation : CT0000000	C003007	2223020	CT8401000, Radiological Assistance Program RAP		0	Default WFO Value	0	Default Loc	\$1,415,004.85	\$0.00	\$0.00	\$0.00	\$1,415,004.85
1551	089-X-0309	2015	25400	Operation : NN5000000	C001058	2222810	NN5002040, US Costs for Non Russia Non-Newly Independent Sta		0	Default WFO Value	0	Default Loc	\$3,347.69	\$0.00	\$0.00	\$0.00	\$3,347.69
1551	089-X-0309	2018	25400	Operation : CT0000000	C003007	2223144	CT8000000, NA-80 CTCP		0	Default WFO Value	0	Default Loc	\$67,478.61	\$0.00	\$0.00	\$0.00	\$67,478.61

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1557	089-X-0309	2012	25400	Operation	NN5000000	C001058	2222290	NN5010000, International Contributions UK	0	Default WFO Value	0	Default Loc	\$42,854.56	\$0.00	\$0.00	\$0.00	\$42,854.56
1650	089-X-0313	2010	25400	Operation	PS0000000	C001075	2221514	PS0202132, Advisory and Assistance, Diversity Programs	0	Default WFO Value	0	Default Loc	\$31,245.57	\$0.00	\$0.00	\$0.00	\$31,245.57
1689	089-14/15-03	2014	25400	Operation	PS0000000	C001075	2222565	PS0202200, A&A, Counterterrorism	0	Default WFO Value	0	Default Loc	\$2,021.13	\$0.00	\$0.00	\$0.00	\$2,021.13
1751	089-X-0315	2013	25400	Operation	EZ5000000	C002226	1110981	EZ5012300 - BRNL-0030 Soil and Water Remediation - Brookhave	0	Default WFO Value	0	Default Loc	\$368,597.47	\$0.00	\$0.00	\$0.00	\$368,597.47
1751	089-X-0315	2019	25400	Operation	EZ5000000	C002226	1110983	EZ5012410 - BRNL-0041 Nuclear Facility Decontamination and D	0	Default WFO Value	0	Default Loc	\$0.00	\$0.00	\$79,000.00	\$79,000.00	\$79,000.00
1751	089-X-0315	2015	25400	Operation	EZ5000000	C002226	1110981	EZ5012300 - BRNL-0030 Soil and Water Remediation - Brookhave	0	Default WFO Value	0	Default Loc	\$47.62	\$0.00	\$0.00	\$0.00	\$47.62
2300	089-X-4180	2018	25400	Operation	ST0000000	C001087	2924306	ST6001031, Production	0	Default WFO Value	0	Default Loc	\$2,070,079.86	\$1,080,000.00	\$0.00	\$1,080,000.00	\$3,150,079.86
2300	089-X-4180	2018	25400	Operation	ST0000000	C001087	2924280	ST6001032, Hot Cell and Other National Lab Facilities	0	Default WFO Value	0	Default Loc	\$1,029,775.87	\$800,000.00	\$0.00	\$800,000.00	\$1,829,775.87
2300	089-X-4180	2018	25400	Operation	ST0000000	C001087	2924424	ST5001040, Actinium-225 Technology Research and Integration	0	Default WFO Value	0	Default Loc	\$921,000.00	\$0.00	\$0.00	\$0.00	\$921,000.00
2300	089-X-4180	2018	25400	Operation	ST0000000	C001087	2924281	ST6001034, Facility Upgrades	0	Default WFO Value	0	Default Loc	\$794,983.94	\$0.00	\$0.00	\$0.00	\$794,983.94
2300	089-X-4180	2014	25400	Operation	ST0000000	C001087	2720714	ST5001020, Brookhaven Linear Isotope Producer BLIP	0	Default WFO Value	0	Default Loc	\$70,772.18	\$0.00	\$0.00	\$0.00	\$70,772.18
2300	089-X-4180	2018	25400	Operation	ST0000000	C001087	2720718	ST6001020, Brookhaven Linear Isotope Producer BLIP	0	Default WFO Value	0	Default Loc	\$460,780.05	\$300,000.00	\$0.00	\$300,000.00	\$760,780.05
2300	089-X-4180	2019	25400	Operation	ST0000000	C001087	2924280	ST6001032, Hot Cell and Other National Lab Facilities	0	Default WFO Value	0	Default Loc	\$0.00	\$0.00	\$900,000.00	\$900,000.00	\$900,000.00
2300	089-X-4180	2018	32003	Accelerator	ST0000000	C001087	2924281	ST6001034, Facility Upgrades	0	Default WFO Value	485395	CHAIP	\$1,970,000.00	\$0.00	\$0.00	\$0.00	\$1,970,000.00
2300	089-X-4180	2017	25400	Operation	ST0000000	C001087	2924424	ST5001040, Actinium-225 Technology Research and Integration	0	Default WFO Value	0	Default Loc	\$244,681.97	\$0.00	\$0.00	\$0.00	\$244,681.97
2300	089-X-4180	2019	25400	Operation	ST0000000	C001087	2720718	ST6001020, Brookhaven Linear Isotope Producer BLIP	0	Default WFO Value	0	Default Loc	\$0.00	\$0.00	\$250,000.00	\$250,000.00	\$250,000.00
2300	089-X-4180	2019	25400	Operation	ST0000000	C001087	2924306	ST6001031, Production	0	Default WFO Value	0	Default Loc	\$0.00	\$0.00	\$949,000.00	\$949,000.00	\$949,000.00
2300	089-X-4180	2018	25400	Operation	ST0000000	C001087	2720714	ST5001020, Brookhaven Linear Isotope Producer BLIP	0	Default WFO Value	0	Default Loc	\$289,000.00	\$0.00	\$0.00	\$0.00	\$289,000.00
2300	089-X-4180	2018	25400	Operation	ST0000000	C001087	2720716	ST5002000, University Research	0	Default WFO Value	0	Default Loc	\$33,063.17	\$0.00	\$0.00	\$0.00	\$33,063.17
2300	089-X-4180	2015	32003	Accelerator	ST0000000	C001087	2924281	ST6001034, Facility Upgrades	0	Default WFO Value	485395	CHAIP	\$70,203.23	\$0.00	\$0.00	\$0.00	\$70,203.23
2300	089-X-4180	2016	25400	Operation	ST0000000	C001087	2924282	ST6001036, Technical Services	0	Default WFO Value	0	Default Loc	\$18,396.78	\$0.00	\$0.00	\$0.00	\$18,396.78
2300	089-X-4180	2019	25400	Operation	ST0000000	C001087	2720715	ST5001030, Other National Lab Research	0	Default WFO Value	0	Default Loc	\$0.00	\$0.00	\$250,000.00	\$250,000.00	\$250,000.00
2300	089-X-4180	2018	25400	Operation	ST0000000	C001087	2720715	ST5001030, Other National Lab Research	0	Default WFO Value	0	Default Loc	\$547,559.87	\$250,000.00	\$0.00	\$250,000.00	\$797,559.87
5300	089-X-0318	2016	25400	Operation	TE1100000	C002798	3123789	TE1101000, Transmission Reliability & Renewables Integration	0	Default WFO Value	0	Default Loc	\$136.88	\$0.00	\$0.00	\$0.00	\$136.88
5300	089-X-0318	2016	25400	Operation	TE1100000	C002798	3123802	TE1104000, Energy Systems Predictive Capability	0	Default WFO Value	0	Default Loc	\$136,065.59	\$0.00	\$0.00	\$0.00	\$136,065.59
5300	089-X-0318	2017	25400	Operation	TE1300000	C002800	3123803	TE1301000, Cyber for Energy Security R&D	0	Default WFO Value	0	Default Loc	\$15,077.50	\$0.00	\$0.00	\$0.00	\$15,077.50
5300	089-X-0318	2016	25400	Operation	TE1200000	C002799	3123812	TE1206000, Advanced Secure Sensors High Fidelity Low Cost	0	Default WFO Value	0	Default Loc	\$22.70	\$0.00	\$0.00	\$0.00	\$22.70
5300	089-X-0318	2016	25400	Operation	TE1200000	C002799	3123810	TE1204000, Dynamic Controls & Communications	0	Default WFO Value	0	Default Loc	\$205.91	\$0.00	\$0.00	\$0.00	\$205.91
5300	089-X-0318	2017	25400	Operation	TE1200000	C002799	3123809	TE1203000, Advance Distribution Management System	0	Default WFO Value	0	Default Loc	\$621.94	\$0.00	\$0.00	\$0.00	\$621.94
5300	089-X-0318	2019	25400	Operation	TE1100000	C002798	3123785	TE1103000, Advanced Modeling Grid Research	0	Default WFO Value	0	Default Loc	\$0.00	\$0.00	\$93,100.00	\$93,100.00	\$93,100.00
5300	089-X-0318	2016	25400	Operation	TE1300000	C002800	3123815	TE1305000, Virtual Energy Sector Forensics Analysis Platform	0	Default WFO Value	0	Default Loc	\$117.37	\$0.00	\$0.00	\$0.00	\$117.37
5300	089-X-0318	2016	25400	Operation	TE1200000	C002799	3123792	TE1201000, Smart Grid	0	Default WFO Value	0	Default Loc	\$2,262.82	\$0.00	\$0.00	\$0.00	\$2,262.82
5300	089-X-0318	2016	25400	Operation	TE1300000	C002800	3123804	TE1302000, Cyber for Energy Security OPS	0	Default WFO Value	0	Default Loc	\$200.26	\$0.00	\$0.00	\$0.00	\$200.26
5300	089-X-0318	2017	25400	Operation	TE1400000	C002801	3123795	TE1400000, Energy Storage	0	Default WFO Value	0	Default Loc	\$260.97	\$0.00	\$0.00	\$0.00	\$260.97
5300	089-X-0318	2018	25400	Operation	TE1200000	C002799	3123811	TE1205000, Resilient Electric Distribution Grid R&D	0	Default WFO Value	0	Default Loc	\$85,000.00	\$0.00	\$0.00	\$0.00	\$85,000.00
5300	089-X-0318	2018	25400	Operation	TE1100000	C002798	3123785	TE1103000, Advanced Modeling Grid Research	0	Default WFO Value	0	Default Loc	\$700,000.00	\$0.00	\$0.00	\$0.00	\$700,000.00
5300	089-X-0318	2017	25400	Operation	TE1100000	C002798	3123816	TE1104010, Monitoring and Real-Time Analysis	0	Default WFO Value	0	Default Loc	\$14,277.03	\$0.00	\$0.00	\$0.00	\$14,277.03
5300	089-X-0318	2017	25400	Operation	TE1100000	C002798	3123785	TE1103000, Advanced Modeling Grid Research	0	Default WFO Value	0	Default Loc	\$216,741.77	\$0.00	\$0.00	\$0.00	\$216,741.77
5300	089-X-0318	2016	25400	Operation	TF0000000	C002802	3123796	TF0000000, Transmission Permitting and Technical Assistance	0	Default WFO Value	0	Default Loc	\$121.66	\$0.00	\$0.00	\$0.00	\$121.66
5300	089-X-0318	2017	25400	Operation	TE1200000	C002799	3123811	TE1205000, Resilient Electric Distribution Grid R&D	0	Default WFO Value	0	Default Loc	\$24,915.99	\$0.00	\$0.00	\$0.00	\$24,915.99
5350	089-X-0319	2017	25400	Operation	AF5800000	C000822	2720965	AF5861010, Spent Fuel and Waste Disposition Program Manageme	0	Default WFO Value	0	Default Loc	\$880.51	\$0.00	\$0.00	\$0.00	\$880.51
5350	089-X-0319	2017	25400	Operation	AF5800000	C000822	2720875	AF5832030, Program Assessment & Coordination	0	Default WFO Value	0	Default Loc	\$95,817.94	\$0.00	\$0.00	\$0.00	\$95,817.94
5350	089-X-0319	2017	25400	Operation	AF5800000	C000822	2720625	AF5855000, Fuel Resources R&D	0	Default WFO Value	0	Default Loc	\$349.62	\$0.00	\$0.00	\$0.00	\$349.62
5350	089-X-0319	2018	25400	Operation	RC0000000	C003241	2720978	RC0504000, Program Assessment and Coordination	0	Default WFO Value	0	Default Loc	\$1,959.17	\$0.00	\$0.00	\$0.00	\$1,959.17
5350	089-X-0319	2018	25400	Operation	AF5800000	C000822	2720955	AF5832040, Management & Integration	0	Default WFO Value	0	Default Loc	\$600,000.00	\$0.00	\$0.00	\$0.00	\$600,000.00
5350	089-X-0319	2013	25400	Operation	NT0000000	C003240	2720775	NT0104000, Reactor Materials	0	Default WFO Value	0	Default Loc	\$15,625.67	-\$15,625.67	\$0.00	-\$15,625.67	\$0.00
5350	089-X-0319	2018	25400	Operation	AF5800000	C000822	2720703	AF5835000, Safeguards	0	Default WFO Value	0	Default Loc	\$9,411.85	\$0.00	\$0.00	\$0.00	\$9,411.85
5350	089-X-0319	2018	25400	Operation	NT0000000	C003240	2720882	NT0402000, National Scientific User Facility NSUF Activiti	0	Default WFO Value	0	Default Loc	\$82,982.75	\$0.00	\$0.00	\$0.00	\$82,982.75
5350	089-X-0319	2019	25400	Operation	AF5800000	C000822	2720703	AF5835000, Safeguards	0	Default WFO Value	0	Default Loc	\$0.00	\$35,000.00	\$15,000.00	\$50,000.00	\$50,000.00
5350	089-X-0319	2019	25400	Operation	AF5800000	C000822	2720875	AF5832030, Program Assessment & Coordination	0	Default WFO Value	0	Default Loc	\$0.00	\$0.00	\$32,750.00	\$32,750.00	\$32,750.00
5350	089-X-0319	2019	25400	Operation	RC0000000	C003241	2720992	RC0603000, Management and Integration	0	Default WFO Value	0	Default Loc	\$0.00	\$100,000.00	\$0.00	\$100,000.00	\$100,000.00
5350	089-X-0319	2016	25400	Operation	AF0400000	C002768	2720880	AF0440000, Program Support	0	Default WFO Value	0	Default Loc	\$69.67	\$0.00	\$0.00	\$0.00	\$69.67

BROOKHAVEN NATIONAL LABORATORY
CONTRACT MOD # 0137 [January]
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
5350	089-X-0319	2017	25400	Operation	RC0000000	C003241	2720918	RC0424000, ARC International Collaborations	0	Default WFO Value	0	Default Loc	\$368.52	\$0.00	\$0.00	\$0.00	\$368.52
5350	089-X-0319	2019	25400	Operation	AF5800000	C000822	2720667	AF5810000, Advanced Fuels Research, Development and Testing	0	Default WFO Value	0	Default Loc	\$0.00	\$130,000.00	\$291,600.00	\$421,600.00	\$421,600.00
5350	089-X-0319	2018	25400	Operation	AF5800000	C000822	2720667	AF5810000, Advanced Fuels Research, Development and Testing	0	Default WFO Value	0	Default Loc	\$66,204.83	\$0.00	\$0.00	\$0.00	\$66,204.83
5350	089-X-0319	2018	25400	Operation	AF5800000	C000822	2720874	AF5832020, Systems Analysis	0	Default WFO Value	0	Default Loc	\$44,460.21	\$0.00	\$0.00	\$0.00	\$44,460.21
5350	089-X-0319	2014	25400	Operation	AF5800000	C000822	2720875	AF5832030, Program Assessment & Coordination	0	Default WFO Value	0	Default Loc	\$225,721.21	\$0.00	\$0.00	\$0.00	\$225,721.21
5350	089-X-0319	2018	25400	Operation	NT0000000	C003240	2720928	NT0503000, Integrated Performance and Safety Codes - Reactor	0	Default WFO Value	0	Default Loc	\$274,950.00	\$0.00	\$0.00	\$0.00	\$274,950.00
5350	089-X-0319	2019	25400	Operation	AF5800000	C000822	2720874	AF5832020, Systems Analysis	0	Default WFO Value	0	Default Loc	\$0.00	\$85,000.00	\$176,054.00	\$261,054.00	\$261,054.00
5350	089-X-0319	2018	25400	Operation	AF5800000	C000822	2720875	AF5832030, Program Assessment & Coordination	0	Default WFO Value	0	Default Loc	\$536,000.00	\$0.00	\$0.00	\$0.00	\$536,000.00
5450	089-X-0321	2018	25400	Operation	GT0000000	C002910	1005623	GT0200000, Low Temperature and Co-produced Resourc	0	Default WFO Value	0	Default Loc	\$142,141.00	\$0.00	\$0.00	\$0.00	\$142,141.00
5450	089-X-0321	2018	25400	Operation	BT0000000	C000848	1004219	BT0304030, Buildings-to-Grid	0	Default WFO Value	0	Default Loc	\$668,131.93	\$0.00	\$0.00	\$0.00	\$668,131.93
5450	089-X-0321	2018	25400	Operation	GT0000000	C002910	1005613	GT0300000, Hydrothermal	0	Default WFO Value	0	Default Loc	\$247,868.06	\$0.00	\$0.00	\$0.00	\$247,868.06
5450	089-X-0321	2014	25400	Operation	GT0000000	C002910	1005612	GT0100000, Enhanced Geothermal Systems	0	Default WFO Value	0	Default Loc	\$6,283.33	\$0.00	\$0.00	\$0.00	\$6,283.33
5450	089-X-0321	2017	25400	Operation	HT0000000	C002796	1009190	HT0100000, Fuel Cell Systems R&D	0	Default WFO Value	0	Default Loc	\$8,408.74	\$0.00	\$0.00	\$0.00	\$8,408.74
5450	089-X-0321	2017	25400	Operation	HT0000000	C002796	2223156	HT1100000, Technology Acceleration	0	Default WFO Value	0	Default Loc	\$2,577.39	\$0.00	\$0.00	\$0.00	\$2,577.39
5450	089-X-0321	2019	25400	Operation	VT0000000	C001096	1005554	VT1201000, Batteries & Electric Drive Technology - Energy St	0	Default WFO Value	0	Default Loc	\$0.00	\$600,000.00	\$830,000.00	\$1,430,000.00	\$1,430,000.00
5450	089-X-0321	2018	25400	Operation	HT0000000	C002796	1009190	HT0100000, Fuel Cell Systems R&D	0	Default WFO Value	0	Default Loc	\$500,000.00	\$0.00	\$0.00	\$0.00	\$500,000.00
5450	089-X-0321	2016	25400	Operation	ED0000000	C000949	1009209	ED2701000, Next Generation Manufacturing	0	Default WFO Value	0	Default Loc	\$491,168.00	\$0.00	\$0.00	\$0.00	\$491,168.00
5450	089-X-0321	2016	25400	Operation	VT0000000	C001096	1005556	VT1301000, Vehicle and System Simulation and Testing - Vehic	0	Default WFO Value	0	Default Loc	\$5,774.29	\$0.00	\$0.00	\$0.00	\$5,774.29
5450	089-X-0321	2016	25400	Operation	PG0000000	C002840	1005604	PG0400000, Innovation & Deployment	0	Default WFO Value	0	Default Loc	\$40,972.14	\$0.00	\$0.00	\$0.00	\$40,972.14
5450	089-X-0321	2017	25400	Operation	SL0000000	C002911	1005616	SL0300000, Systems Integration Balance of Systems and Power	0	Default WFO Value	0	Default Loc	\$1,144,050.20	\$0.00	\$0.00	\$0.00	\$1,144,050.20
5450	089-X-0321	2015	25400	Operation	ED0000000	C000949	1009209	ED2701000, Next Generation Manufacturing	0	Default WFO Value	0	Default Loc	\$38,883.50	\$0.00	\$0.00	\$0.00	\$38,883.50
5450	089-X-0321	2018	25400	Operation	BT0000000	C000848	1004210	BT0101000, Research and Development	0	Default WFO Value	0	Default Loc	\$31,868.07	\$0.00	\$0.00	\$0.00	\$31,868.07
5450	089-X-0321	2018	25400	Operation	VT0000000	C001096	1005554	VT1201000, Batteries & Electric Drive Technology - Energy St	0	Default WFO Value	0	Default Loc	\$2,563,089.11	\$0.00	\$0.00	\$0.00	\$2,563,089.11
5450	089-X-0321	2016	25400	Operation	HT0000000	C002796	1009198	HT0800000, Technology Validation	0	Default WFO Value	0	Default Loc	\$714.20	\$0.00	\$0.00	\$0.00	\$714.20
5450	089-X-0321	2014	25400	Operation	BM0100000	C000846	1009218	BM0107000, Biopower	0	Default WFO Value	0	Default Loc	\$1,252.09	\$0.00	\$0.00	\$0.00	\$1,252.09
5450	089-X-0321	2018	25400	Operation	SL0000000	C002911	1005622	SL0200000, Photovoltaic R&D	0	Default WFO Value	0	Default Loc	\$20,000.00	\$0.00	\$0.00	\$0.00	\$20,000.00
5450	089-X-0321	2017	25400	Operation	VT0000000	C001096	1005556	VT1301000, Vehicle and System Simulation and Testing - Vehic	0	Default WFO Value	0	Default Loc	\$7,401.00	\$0.00	\$0.00	\$0.00	\$7,401.00
5450	089-X-0321	2016	25400	Operation	HT0000000	C002796	1009190	HT0100000, Fuel Cell Systems R&D	0	Default WFO Value	302017	TCF Fundin	\$294.34	\$0.00	\$0.00	\$0.00	\$294.34
5489	089-16/17-03	2016	25400	Operation	456100000	C003005	6600073	456140358, Other Federal Agencies	4861011	CHAGRGX0012648-BNL	302027	OTT 16-17	\$139,579.00	\$0.00	\$0.00	\$0.00	\$139,579.00
5498	089-X-0321	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860966	CHAGR87366	0	Default Loc	\$21,653.25	\$0.00	\$0.00	\$0.00	\$21,653.25
5499	089-X-0321	2014	25400	Operation	456100000	C003005	6600072	456140357, Department of State - Other	3011110	CRAGRS-OES-10-IAA-00	0	Default Loc	\$45.77	\$0.00	\$0.00	\$0.00	\$45.77
5499	089-X-0321	2016	25400	Operation	456100000	C003005	6600072	456140357, Department of State - Other	3012199	CRAGR-S-OES-12-IA-001	0	Default Loc	\$25,808.25	\$0.00	\$0.00	\$0.00	\$25,808.25
5499	089-X-0321	2014	25400	Operation	456100000	C003005	6600072	456140357, Department of State - Other	3012882	CRAGR 19318814Y0007	0	Default Loc	\$638.50	\$0.00	\$0.00	\$0.00	\$638.50
6600	089X0337	2014	25400	Operation	CJ0100000	C002599	3166012	CJ0100000, ARPA-E Projects	0	Default WFO Value	0	Default Loc	\$1,823.77	\$0.00	\$0.00	\$0.00	\$1,823.77
6600	089X0337	2016	25400	Operation	CJ0100000	C002599	3166012	CJ0100000, ARPA-E Projects	0	Default WFO Value	1314	ARPA-E Lat	\$261,155.08	\$0.00	\$0.00	\$0.00	\$261,155.08
6600	089X0337	2014	25400	Operation	CJ0100000	C002599	3166012	CJ0100000, ARPA-E Projects	0	Default WFO Value	1250	CHARPA-0C	\$207.88	\$0.00	\$0.00	\$0.00	\$207.88
6600	089X0337	2017	25400	Operation	CJ0100000	C002599	3166012	CJ0100000, ARPA-E Projects	0	Default WFO Value	1352	ARPA-E Lat	\$180,000.00	\$0.00	\$0.00	\$0.00	\$180,000.00
6600	089X0337	2014	25400	Operation	CJ0100000	C002599	3166012	CJ0100000, ARPA-E Projects	0	Default WFO Value	1249	CHARPA-0C	\$34,392.47	\$0.00	\$0.00	\$0.00	\$34,392.47

Non-Appropriated Total													\$23,990,556.51	\$12,904,682.86	\$9,237,335.44	\$22,142,018.30	\$46,132,574.81
Other Federal Agency Total													\$47,998,755.98	\$1,135,689.91	\$0.00	\$1,135,689.91	\$49,134,445.89
DOE Appropriated Total													\$241,222,427.47	\$147,357,362.60	\$276,624,500.24	\$423,981,862.84	\$665,204,290.31

SF-30 Total													\$313,211,739.96	\$161,397,735.37	\$285,861,835.68	\$447,259,571.05	\$760,471,311.01
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FPDS-NG Total [Action Obligation]																	\$276,624,500.24
FPDS-NG Total [Base And Exercised Options Value]																	\$285,861,835.68
FPDS-NG Total [Base And All Options Value]																	\$285,861,835.68

BROOKHAVEN NATIONAL LABORATORY
 CONTRACT MOD # 0137 [January]
 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
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	Obligation Change	
Agency	Amount	
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Work for Others Funds Associated with Federal Agencies:	0.00	

Total DOE Funds:	276,624,500.24	
Total Non-Appropriated Funds:	9,237,335.44	

Grand Total:	285,861,835.68	