

BROOKHAVEN NATIONAL LABORATORY  
 CONTRACT MOD # 0152 [BNL AFP #60 Signature Page]  
 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	2018	25400	Operation	AA6000000	C002841	1611272	AA6070000, Transformative Power Generation	0	Default WF 302017	TCF Fundin		\$488,763.00	\$0.00	\$0.00	\$0.00	\$488,763.00
150	089-X-0213	2016	25400	Operation	AA6000000	C002841	1611051	AA6010000, Advanced Combustion Systems	0	Default WF 302017	TCF Fundin		\$70,469.99	\$0.00	\$0.00	\$0.00	\$70,469.99
150	089-X-0213	2017	25400	Operation	AA6000000	C002841	1611051	AA6010000, Advanced Combustion Systems	0	Default WF 302017	TCF Fundin		\$121,207.00	\$0.00	\$0.00	\$0.00	\$121,207.00
500	089-X-0222	2019	31003	Other Equip	KC0000000	C002853	2924242	KC0403020, Center for Functional Nanomaterials BNL	0	Default WF 485396	CHEQU		\$3,873,975.97	\$0.00	\$0.00	\$0.00	\$3,873,975.97
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924358	KA2401022, Scientific Computing	0	Default WF 0	Default Loc		\$424,442.87	\$0.00	\$0.00	\$0.00	\$424,442.87
500	089-X-0222	2019	25400	Operation	KL0000000	C001021	2924406	KL1001000, Science Undergraduate Laboratory Internship	0	Default WF 0	Default Loc		\$502,720.50	\$0.00	\$0.00	\$0.00	\$502,720.50
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924380	KA2601020, National Laboratories	0	Default WF 0	Default Loc		\$2,108,000.00	\$0.00	\$0.00	\$0.00	\$2,108,000.00
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	2924241	KC0403010, Center for Nanoscale Materials ANL	0	Default WF 0	Default Loc		\$16,414.96	\$0.00	\$0.00	\$0.00	\$16,414.96
500	089-X-0222	2017	31003	Other Equip	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WF 485396	CHEQU		\$621,412.12	\$0.00	\$0.00	\$0.00	\$621,412.12
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	2923807	KC0302010, Chemical Energy	0	Default WF 0	Default Loc		\$1,940,003.60	\$0.00	\$0.00	\$0.00	\$1,940,003.60
500	089-X-0222	2019	25400	Operation	FS1000000	C000984	2923653	FS1002000, Security Systems	0	Default WF 0	Default Loc		\$508,702.69	\$0.00	\$0.00	\$0.00	\$508,702.69
500	089-X-0222	2019	25400	Operation	KL0000000	C001021	2924414	KL1500000, Outreach	0	Default WF 0	Default Loc		\$80,000.00	\$0.00	\$0.00	\$0.00	\$80,000.00
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924314	KA2101030, University Service Accounts	0	Default WF 0	Default Loc		\$373,836.00	\$0.00	\$0.00	\$0.00	\$373,836.00
500	089-X-0222	2015	25400	Operation	KA0000000	C002852	2924313	KA2101020, National Laboratories	0	Default WF 485474	CHOPEMIE		\$33.06	\$0.00	\$0.00	\$0.00	\$33.06
500	089-X-0222	2014	25400	Operation	KC0000000	C002853	2924248	KC0404040, National Synchrotron Light Source II BNL	0	Default WF 0	Default Loc		\$2,840,641.00	\$0.00	\$0.00	\$0.00	\$2,840,641.00
500	089-X-0222	2018	25400	Operation	KB0000000	C001009	2923752	KB0301052, Theory, SciDAC, National Laboratory Research	0	Default WF 0	Default Loc		\$278,400.45	\$0.00	\$0.00	\$0.00	\$278,400.45
500	089-X-0222	2019	31001	Major Item	KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHIC Experimental Support	0	Default WF 485499	CHEQUMIE		\$4,440,831.74	\$0.00	\$0.00	\$0.00	\$4,440,831.74
500	089-X-0222	2019	25400	Operation	KJ0000000	C001018	2924516	KJ0403040, Computational Partnerships - Collaboratories	0	Default WF 0	Default Loc		\$142,448.06	\$0.00	\$0.00	\$0.00	\$142,448.06
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	2924447	KC0213010, Computational Materials Sciences	0	Default WF 0	Default Loc		\$1,774,000.00	\$0.00	\$0.00	\$0.00	\$1,774,000.00
500	089-X-0222	2018	25400	Operation	KP0000000	C001024	2924209	KP1605010, Structural Biology Infrastructure	0	Default WF 0	Default Loc		\$41,509.65	\$0.00	\$0.00	\$0.00	\$41,509.65
500	089-X-0222	2018	25400	Operation	KA0000000	C002852	2924368	KA2501021, LHC Accelerator Research	0	Default WF 0	Default Loc		\$1,009.15	\$0.00	\$0.00	\$0.00	\$1,009.15
500	089-X-0222	2018	31003	Other Equip	KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHIC Experimental Support	0	Default WF 485396	CHEQU		\$797,555.36	\$0.00	\$0.00	\$0.00	\$797,555.36
500	089-X-0222	2015	25400	Operation	KP0000000	C001024	2924417	KP1606000, Mesoscale to Molecules	0	Default WF 0	Default Loc		\$67,264.21	\$0.00	\$0.00	\$0.00	\$67,264.21
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924371	KA2501032, National Laboratories	0	Default WF 0	Default Loc		\$1,163,151.16	\$0.00	\$0.00	\$0.00	\$1,163,151.16
500	089-X-0222	2020	25400	Operation	KA0000000	C002852	2924313	KA2101020, National Laboratories	0	Default WF 0	Default Loc		\$0.00	\$0.00	\$846,000.00	\$846,000.00	\$846,000.00
500	089-X-0222	2020	25400	Operation	KB0000000	C001009	2925029	KB0405012, Fund. Symmetries National Lab Research	0	Default WF 0	Default Loc		\$0.00	\$0.00	\$100,000.00	\$100,000.00	\$100,000.00
500	089-X-0222	2020	32001	Constructive	39KA00000	C002786	2924263	39KA00000PRN11SC40000, 11-SC-400 Long Baseline Neutrino Faci	0	Default WF 0	Default Loc		\$0.00	\$0.00	\$800,000.00	\$800,000.00	\$800,000.00
500	089-X-0222	2020	25400	Operation	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WF 0	Default Loc		\$0.00	\$0.00	\$19,700,000.00	\$19,700,000.00	\$19,700,000.00
500	089-X-0222	2020	25400	Operation	KB0000000	C001009	2923749	KB0301042, Theory, Nuclear Data, National Laboratory Researc	0	Default WF 0	Default Loc		\$0.00	\$0.00	\$500,000.00	\$500,000.00	\$500,000.00
500	089-X-0222	2020	25400	Operation	KP0000000	C001024	2924995	KP1703000, Earth and Environmental Systems Modeling	0	Default WF 0	Default Loc		\$0.00	\$0.00	\$76,000.00	\$76,000.00	\$76,000.00
500	089-X-0222	2020	25400	Operation	KA0000000	C002852	2924328	KA2202010, Experimental Operations and Support	0	Default WF 0	Default Loc		\$0.00	\$0.00	\$386,000.00	\$386,000.00	\$386,000.00
500	089-X-0222	2020	25400	Operation	KC0000000	C002853	3023325	KC0203020, Synthesis and Processing Science	0	Default WF 0	Default Loc		\$0.00	\$0.00	\$258,000.00	\$258,000.00	\$258,000.00
500	089-X-0222	2019	25400	Operation	FS1000000	C000984	2923655	FS1005000, Cyber Security	0	Default WF 0	Default Loc		\$3,002,135.56	\$0.00	\$0.00	\$0.00	\$3,002,135.56
500	089-X-0222	2019	25400	Operation	KB0000000	C001009	2923721	KB0101022, Medium Energy, Other National Laboratory Research	0	Default WF 0	Default Loc		\$1,254,565.52	\$0.00	\$0.00	\$0.00	\$1,254,565.52
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924336	KA2202090, Other Facilities	0	Default WF 0	Default Loc		\$169,868.66	\$0.00	\$0.00	\$0.00	\$169,868.66
500	089-X-0222	2019	25400	Operation	FS1000000	C000984	2923654	FS1004000, Information Security	0	Default WF 0	Default Loc		\$111,006.91	\$0.00	\$0.00	\$0.00	\$111,006.91
500	089-X-0222	2019	31003	Other Equip	KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHIC Experimental Support	0	Default WF 485396	CHEQU		\$1,456,000.00	\$0.00	\$0.00	\$0.00	\$1,456,000.00
500	089-X-0222	2019	25400	Operation	KB0000000	C001009	2923734	KB0201022, Heavy Ion, Other National Laboratory Research	0	Default WF 0	Default Loc		\$3.66	\$0.00	\$0.00	\$0.00	\$3.66
500	089-X-0222	2018	25400	Operation	KP0000000	C001024	2924462	KP1703040, DO NOT USE!!! Climate Model Development and Valid	0	Default WF 0	Default Loc		\$525,530.65	\$0.00	\$0.00	\$0.00	\$525,530.65
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	2924305	KC0406020, Accelerator and Detector Research	0	Default WF 0	Default Loc		\$800,000.00	\$0.00	\$0.00	\$0.00	\$800,000.00
500	089-X-0222	2018	25400	Operation	KL0000000	C001021	2924408	KL1003000, Visiting Faculty Program	0	Default WF 0	Default Loc		\$46,947.02	\$0.00	\$0.00	\$0.00	\$46,947.02
500	089-X-0222	2019	31003	Other Equip	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WF 485396	CHEQU		\$1,849,000.00	\$0.00	\$0.00	\$0.00	\$1,849,000.00
500	089-X-0222	2017	25400	Operation	KC0000000	C002853	2923774	KC0202020, DO NOT USE!!! Experimental Condensed Matter Physi	0	Default WF 0	Default Loc		\$7,280.81	\$0.00	\$0.00	\$0.00	\$7,280.81
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	2924405	KC0201060, Neutron and X-Ray Scatering	0	Default WF 0	Default Loc		\$1,056,887.68	\$0.00	\$0.00	\$0.00	\$1,056,887.68
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	2924472	KC0201070, X-Ray Scattering	0	Default WF 0	Default Loc		\$2,094,051.59	\$0.00	\$0.00	\$0.00	\$2,094,051.59
500	089-X-0222	2019	25400	Operation	KP0000000	C001024	2924200	KP1601010, Foundational Genomics Research	0	Default WF 0	Default Loc		\$2,771,000.00	\$0.00	\$0.00	\$0.00	\$2,771,000.00
500	089-X-0222	2019	25400	Operation	KL0000000	C001021	2924408	KL1003000, Visiting Faculty Program	0	Default WF 0	Default Loc		\$450,000.00	\$0.00	\$0.00	\$0.00	\$450,000.00
500	089-X-0222	2018	32002	General Plz	KG0700000	C002925	2924416	KG0701000, Facilities and Infrastructure	0	Default WF 0	Default Loc		\$10,065,373.45	\$0.00	\$0.00	\$0.00	\$10,065,373.45
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924489	KA2401032, QIS Research - National Laboratories	0	Default WF 0	Default Loc		\$1,148,358.93	\$0.00	\$0.00	\$0.00	\$1,148,358.93

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500	089-X-0222	2020	31001	Major Item	KA0000000	C002852	2924320	KA2103011, MIE	0	Default WF 485496	CHEQUMIE		\$0.00	\$0.00	\$2,600,000.00	\$2,600,000.00	\$2,600,000.00
500	089-X-0222	2020	32003	Accelerator	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WF 485395	CHAIP		\$0.00	\$0.00	\$400,000.00	\$400,000.00	\$400,000.00
500	089-X-0222	2020	25400	Operation	KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHIC Experimental Support	0	Default WF 0	Default Loc		\$0.00	\$0.00	\$6,000,000.00	\$6,000,000.00	\$6,000,000.00
500	089-X-0222	2020	31001	Major Item	KA0000000	C002852	2924320	KA2103011, MIE	0	Default WF 485498	CHEQUMIE		\$0.00	\$0.00	\$3,900,000.00	\$3,900,000.00	\$3,900,000.00
500	089-X-0222	2020	31001	Major Item	KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHIC Experimental Support	0	Default WF 485499	CHEQUMIE		\$0.00	\$0.00	\$1,300,000.00	\$1,300,000.00	\$1,300,000.00
500	089-X-0222	2020	25400	Operation	KC0000000	C002853	2924472	KC0201070, X-Ray Scattering	0	Default WF 0	Default Loc		\$0.00	\$0.00	\$170,000.00	\$170,000.00	\$170,000.00
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924325	KA2201020, National Laboratories	0	Default WF 0	Default Loc		\$2,645,827.48	\$0.00	\$0.00	\$0.00	\$2,645,827.48
500	089-X-0222	2018	25400	Operation	KA0000000	C002852	2924319	KA2102090, Other Facilities	0	Default WF 0	Default Loc		\$310.62	\$0.00	\$0.00	\$0.00	\$310.62
500	089-X-0222	2018	25400	Operation	KA0000000	C002852	2924380	KA2601020, National Laboratories	0	Default WF 0	Default Loc		\$57,442.12	\$0.00	\$0.00	\$0.00	\$57,442.12
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	2923769	KC0201010, Structure Of Materials	0	Default WF 0	Default Loc		\$1,599,104.15	\$0.00	\$0.00	\$0.00	\$1,599,104.15
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	2924244	KC0403040, Center for Nanophase Materials Sciences ORNL	0	Default WF 0	Default Loc		\$16,414.96	\$0.00	\$0.00	\$0.00	\$16,414.96
500	089-X-0222	2019	25400	Operation	FS1000000	C000984	2923658	FS1009000, Program Management	0	Default WF 0	Default Loc		\$297,414.40	\$0.00	\$0.00	\$0.00	\$297,414.40
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	2924233	KC0401040, National Synchrotron Light Source II BNL	0	Default WF 0	Default Loc		\$26,835,229.75	\$0.00	\$0.00	\$0.00	\$26,835,229.75
500	089-X-0222	2019	25400	Operation	KP0000000	C001024	2924993	KP1607010, Biomolecular Characterization and Imaging Science	0	Default WF 0	Default Loc		\$3,068,783.11	\$0.00	\$0.00	\$0.00	\$3,068,783.11
500	089-X-0222	2019	31001	Major Item	KA0000000	C002852	2924320	KA2103011, MIE	0	Default WF 485496	CHEQUMIE		\$2,441,780.26	\$0.00	\$0.00	\$0.00	\$2,441,780.26
500	089-X-0222	2017	31001	Major Item	KA0000000	C002852	2924320	KA2103011, MIE	0	Default WF 485486	CHEQUMIE		\$838,523.42	\$0.00	\$0.00	\$0.00	\$838,523.42
500	089-X-0222	2017	25400	Operation	KC0000000	C002853	2923775	KC0202030, DO NOT USE!!! Condensed Matter Theory, Particle-	0	Default WF 0	Default Loc		\$305.56	\$0.00	\$0.00	\$0.00	\$305.56
500	089-X-0222	2019	25400	Operation	KP0000000	C001024	2924203	KP1601040, Computational Biosciences	0	Default WF 0	Default Loc		\$2,330,000.00	\$0.00	\$0.00	\$0.00	\$2,330,000.00
500	089-X-0222	2017	25400	Operation	KJ0000000	C001018	2924137	KJ0404000, Next Generation Networking for Science	0	Default WF 0	Default Loc		\$1,761.52	\$0.00	\$0.00	\$0.00	\$1,761.52
500	089-X-0222	2018	25400	Operation	KA0000000	C002852	2924314	KA2101030, University Service Accounts	0	Default WF 0	Default Loc		\$187,277.71	\$0.00	\$0.00	\$0.00	\$187,277.71
500	089-X-0222	2019	25400	Operation	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WF 0	Default Loc		\$17,768,332.51	\$0.00	\$0.00	\$0.00	\$17,768,332.51
500	089-X-0222	2018	25400	Operation	KA0000000	C002852	2923681	KA1102812, Proton Facilities - Chng in Inventories, Common U	0	Default WF 0	Default Loc		\$116,070.99	\$0.00	\$0.00	\$0.00	\$116,070.99
500	089-X-0222	2020	25400	Operation	KC0000000	C002853	2924504	KC0202021, Experimental Condensed Matter Physics	0	Default WF 0	Default Loc		\$0.00	\$0.00	\$324,000.00	\$324,000.00	\$324,000.00
500	089-X-0222	2020	25400	Operation	KB0000000	C001009	2923746	KB0301020, Theory, National Laboratory Research	0	Default WF 0	Default Loc		\$0.00	\$0.00	\$400,000.00	\$400,000.00	\$400,000.00
500	089-X-0222	2020	25400	Operation	KP0000000	C001024	2924211	KP1701000, Atmospheric System Research	0	Default WF 0	Default Loc		\$0.00	\$0.00	\$1,053,000.00	\$1,053,000.00	\$1,053,000.00
500	089-X-0222	2020	31003	Other Equip	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WF 485396	CHEQU		\$0.00	\$0.00	\$100,000.00	\$100,000.00	\$100,000.00
500	089-X-0222	2020	25400	Operation	KJ0000000	C001018	2924476	KJ0403010, Computational Partnerships - SciDAC	0	Default WF 0	Default Loc		\$0.00	\$0.00	\$170,000.00	\$170,000.00	\$170,000.00
500	089-X-0222	2020	25400	Operation	KA0000000	C002852	2924357	KA2401021, Scientific Discovery through Advanced Computing	0	Default WF 0	Default Loc		\$0.00	\$0.00	\$28,000.00	\$28,000.00	\$28,000.00
500	089-X-0222	2020	25400	Operation	KC0000000	C002853	2924242	KC0403020, Center for Functional Nanomaterials BNL	0	Default WF 0	Default Loc		\$0.00	\$0.00	\$3,411,000.00	\$3,411,000.00	\$3,411,000.00
500	089-X-0222	2020	25400	Operation	KA0000000	C002852	2924325	KA2201020, National Laboratories	0	Default WF 0	Default Loc		\$0.00	\$0.00	\$901,000.00	\$901,000.00	\$901,000.00
500	089-X-0222	2011	25400	Operation	KP0000000	C001024	2924206	KP1602020, Radiobiology	0	Default WF 0	Default Loc		\$372.03	\$0.00	\$0.00	\$0.00	\$372.03
500	089-X-0222	2018	32003	Accelerator	KC0000000	C002853	2924233	KC0401040, National Synchrotron Light Source II BNL	0	Default WF 485395	CHAIP		\$111,349.54	\$0.00	\$0.00	\$0.00	\$111,349.54
500	089-X-0222	2019	25400	Operation	KP0000000	C001024	2924204	KP1601050, Bioenergy Research Centers	0	Default WF 0	Default Loc		\$158,276.45	\$0.00	\$0.00	\$0.00	\$158,276.45
500	089-X-0222	2019	32003	Accelerator	KC0000000	C002853	2924233	KC0401040, National Synchrotron Light Source II BNL	0	Default WF 485395	CHAIP		\$4,200,000.00	\$0.00	\$0.00	\$0.00	\$4,200,000.00
500	089-X-0222	2019	31001	Major Item	KA0000000	C002852	2924320	KA2103011, MIE	0	Default WF 485498	CHEQUMIE		\$18,525,630.59	\$0.00	\$0.00	\$0.00	\$18,525,630.59
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924355	KA2401012, National Laboratories	0	Default WF 0	Default Loc		\$1,209,355.21	\$0.00	\$0.00	\$0.00	\$1,209,355.21
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	2924243	KC0403030, Molecular Foundry LBNL	0	Default WF 0	Default Loc		\$16,414.96	\$0.00	\$0.00	\$0.00	\$16,414.96
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924327	KA2201090, Other Research	0	Default WF 0	Default Loc		\$212,714.88	\$0.00	\$0.00	\$0.00	\$212,714.88
500	089-X-0222	2014	25400	Operation	KC0000000	C002853	2923794	KC0281013, BNL-NSLS	0	Default WF 0	Default Loc		\$165,193.55	\$0.00	\$0.00	\$0.00	\$165,193.55
500	089-X-0222	2018	31003	Other Equip	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WF 485396	CHEQU		\$824,000.00	\$0.00	\$0.00	\$0.00	\$824,000.00
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	2924245	KC0403050, Center for Integrated Nanotechnologies SNL LANL	0	Default WF 0	Default Loc		\$16,414.96	\$0.00	\$0.00	\$0.00	\$16,414.96
500	089-X-0222	2020	25400	Operation	KP0000000	C001024	2924203	KP1601040, Computational Biosciences	0	Default WF 0	Default Loc		\$0.00	\$0.00	\$60,000.00	\$60,000.00	\$60,000.00
500	089-X-0222	2020	32001	Constructive	39KG01000	C003227	2924984	39KG01000PRN19SC71000, 19-SC-71000 Science User Support Cent	0	Default WF 0	Default Loc		\$0.00	\$0.00	\$994,700.00	\$994,700.00	\$994,700.00
500	089-X-0222	2020	31003	Other Equip	KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHIC Experimental Support	0	Default WF 485396	CHEQU		\$0.00	\$0.00	\$200,000.00	\$200,000.00	\$200,000.00
500	089-X-0222	2020	25400	Operation	KP0000000	C001024	2924204	KP1601050, Bioenergy Research Centers	0	Default WF 0	Default Loc		\$0.00	\$0.00	\$183,000.00	\$183,000.00	\$183,000.00
500	089-X-0222	2020	25400	Operation	KP0000000	C001024	2924200	KP1601010, Foundational Genomics Research	0	Default WF 0	Default Loc		\$0.00	\$0.00	\$137,000.00	\$137,000.00	\$137,000.00
500	089-X-0222	2020	25400	Operation	KA0000000	C002852	2924366	KA2501012, National Laboratories	0	Default WF 0	Default Loc		\$0.00	\$0.00	\$30,000.00	\$30,000.00	\$30,000.00
500	089-X-0222	2020	25400	Operation	KA0000000	C002852	2924317	KA2102021, ATLAS Detector and Computing Support	0	Default WF 0	Default Loc		\$0.00	\$0.00	\$3,479,000.00	\$3,479,000.00	\$3,479,000.00

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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	2018	25400	Operation	KC0000000	C002853	2924300	KC0304030, DO NOT USE!!! Solar Photochemistry	0	Default WFO		Default Loc	\$30,620.95	\$0.00	\$0.00	\$0.00	\$30,620.95
500	089-X-0222	2018	25400	Operation	KC0000000	C002853	2923803	KC0301020, DO NOT USE!!! Chemical Physics	0	Default WFO		Default Loc	\$3.83	\$0.00	\$0.00	\$0.00	\$3.83
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	2924504	KC0202021, Experimental Condensed Matter Physics	0	Default WFO		Default Loc	\$2,198,710.03	\$0.00	\$0.00	\$0.00	\$2,198,710.03
500	089-X-0222	2018	25400	Operation	KJ0000000	C001018	2924134	KJ0401000, Applied Mathematics Research	0	Default WFO		Default Loc	\$101,496.52	\$0.00	\$0.00	\$0.00	\$101,496.52
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924356	KA2401019, Other Research	0	Default WFO		Default Loc	\$298,162.24	\$0.00	\$0.00	\$0.00	\$298,162.24
500	089-X-0222	2019	25400	Operation	KP0000000	C001024	2924211	KP1701000, Atmospheric System Research	0	Default WFO		Default Loc	\$1,428,661.09	\$0.00	\$0.00	\$0.00	\$1,428,661.09
500	089-X-0222	2019	32001	Constructive	39KG01000	C003227	2924984	39KG01000PRN19SC71000, 19-SC-71000 Science User Support Cent	0	Default WFO		Default Loc	\$6,601,686.24	\$0.00	\$0.00	\$0.00	\$6,601,686.24
500	089-X-0222	2019	25400	Operation	KB0000000	C001009	2923746	KB0301020, Theory, National Laboratory Research	0	Default WFO		Default Loc	\$1,116,615.27	\$0.00	\$0.00	\$0.00	\$1,116,615.27
500	089-X-0222	2019	25400	Operation	KJ0000000	C001018	2924134	KJ0401000, Applied Mathematics Research	0	Default WFO		Default Loc	\$400,000.00	\$0.00	\$0.00	\$0.00	\$400,000.00
500	089-X-0222	2018	32001	Constructive	39KG01000	C003087	2924481	39KG01000PRN17SC73000, 17-SC-73000 Core Facility Revitalizat	0	Default WFO		Default Loc	\$23,967,852.43	\$0.00	\$0.00	\$0.00	\$23,967,852.43
500	089-X-0222	2019	25400	Operation	FS1000000	C000984	2923652	FS1001000, Protective Forces	0	Default WFO		Default Loc	\$1,334,865.99	\$0.00	\$0.00	\$0.00	\$1,334,865.99
500	089-X-0222	2019	32001	Constructive	39KA00000	C002786	2924263	39KA00000PRN11SC40000, 11-SC-400 Long Baseline Neutrino Faci	0	Default WFO		Default Loc	\$953,904.10	\$0.00	\$0.00	\$0.00	\$953,904.10
500	089-X-0222	2017	25400	Operation	KA0000000	C002852	2924382	KA2602010, Accelerator Operations and Support	0	Default WFO		Default Loc	\$1,756.28	\$0.00	\$0.00	\$0.00	\$1,756.28
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	2924193	KC0307010, Energy Frontier Research Centers EFRCs	0	Default WFO		Default Loc	\$2,087,130.00	\$0.00	\$0.00	\$0.00	\$2,087,130.00
500	089-X-0222	2018	32003	Accelerator	KA0000000	C002852	2924496	KA2602020, Accelerator Test Facility ATF Operations	0	Default WF 485395	CHAIP	\$76,475.60	\$0.00	\$0.00	\$0.00	\$76,475.60	
500	089-X-0222	2018	25400	Operation	KJ0000000	C001018	2924476	KJ0403010, Computational Partnerships - SciDAC	0	Default WFO		Default Loc	\$176,950.94	\$0.00	\$0.00	\$0.00	\$176,950.94
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924346	KA2301020, National Laboratories	0	Default WFO		Default Loc	\$482,872.27	\$0.00	\$0.00	\$0.00	\$482,872.27
500	089-X-0222	2017	25400	Operation	KC0000000	C002853	2924295	KC0202050, Physical Behavior of Materials	0	Default WFO		Default Loc	\$6,273.76	\$0.00	\$0.00	\$0.00	\$6,273.76
500	089-X-0222	2014	25400	Operation	KB0000000	C001009	2923728	KB0181012, Nuclear Physics - BNL-Tandem	0	Default WFO		Default Loc	\$34,228.17	\$0.00	\$0.00	\$0.00	\$34,228.17
500	089-X-0222	2018	25400	Operation	KC0000000	C002853	2924192	KC0207010, Energy Frontier Research Centers EFRCs	0	Default WFO		Default Loc	\$611,057.47	\$0.00	\$0.00	\$0.00	\$611,057.47
500	089-X-0222	2019	25400	Operation	KB0000000	C001009	2923752	KB0301052, Theory, SciDAC, National Laboratory Research	0	Default WFO		Default Loc	\$347,000.00	\$0.00	\$0.00	\$0.00	\$347,000.00
500	089-X-0222	2020	25400	Operation	KA0000000	C002852	2924346	KA2301020, National Laboratories	0	Default WFO		Default Loc	\$0.00	\$0.00	\$177,000.00	\$177,000.00	\$177,000.00
500	089-X-0222	2020	25400	Operation	KC0000000	C002853	2923807	KC0302010, Chemical Energy	0	Default WFO		Default Loc	\$0.00	\$0.00	\$551,000.00	\$551,000.00	\$551,000.00
500	089-X-0222	2020	25400	Operation	KC0000000	C002853	2924305	KC0406020, Accelerator and Detector Research	0	Default WFO		Default Loc	\$0.00	\$0.00	\$112,000.00	\$112,000.00	\$112,000.00
500	089-X-0222	2020	25400	Operation	KB0000000	C001009	2923721	KB0101022, Medium Energy, Other National Laboratory Research	0	Default WFO		Default Loc	\$0.00	\$0.00	\$200,000.00	\$200,000.00	\$200,000.00
500	089-X-0222	2020	25400	Operation	KC0000000	C002853	2924506	KC0202031, Theoretical Condensed Matter Physics	0	Default WFO		Default Loc	\$0.00	\$0.00	\$209,000.00	\$209,000.00	\$209,000.00
500	089-X-0222	2016	25400	Operation	KA0000000	C002852	2924369	KA2501022, Muon Accelerators	0	Default WFO		Default Loc	\$43,257.33	\$0.00	\$0.00	\$0.00	\$43,257.33
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924348	KA2302010, Experimental Operations and Support	0	Default WFO		Default Loc	\$186,151.30	\$0.00	\$0.00	\$0.00	\$186,151.30
500	089-X-0222	2019	25400	Operation	KJ0000000	C001018	2924474	KJ0402010, Computer Sciences - Research	0	Default WFO		Default Loc	\$451,512.00	\$0.00	\$0.00	\$0.00	\$451,512.00
500	089-X-0222	2019	31003	Other Equip	KP0000000	C001024	2924993	KP1607010, Biomolecular Characterization and Imaging Science	0	Default WFO		Default Loc	\$1,349,000.00	\$0.00	\$0.00	\$0.00	\$1,349,000.00
500	089-X-0222	2018	25400	Operation	KL0000000	C001021	2924414	KL1500000, Outreach	0	Default WFO		Default Loc	\$11,820.36	\$0.00	\$0.00	\$0.00	\$11,820.36
500	089-X-0222	2014	25400	Operation	KA0000000	C002852	2923681	KA1102812, Proton Facilities - Chng in Inventories, Common U	0	Default WFO		Default Loc	\$422,791.27	\$0.00	\$0.00	\$0.00	\$422,791.27
500	089-X-0222	2019	25400	Operation	KB0000000	C001009	2923749	KB0301042, Theory, Nuclear Data, National Laboratory Researc	0	Default WFO		Default Loc	\$2,084,715.88	\$0.00	\$0.00	\$0.00	\$2,084,715.88
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924328	KA2202010, Experimental Operations and Support	0	Default WFO		Default Loc	\$868,553.09	\$0.00	\$0.00	\$0.00	\$868,553.09
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	2925000	KC0304031, Solar Photochemistry	0	Default WFO		Default Loc	\$2,059,588.59	\$0.00	\$0.00	\$0.00	\$2,059,588.59
500	089-X-0222	2020	25400	Operation	KA0000000	C002852	2924371	KA2501032, National Laboratories	0	Default WFO		Default Loc	\$0.00	\$0.00	\$193,000.00	\$193,000.00	\$193,000.00
500	089-X-0222	2020	25400	Operation	KP0000000	C001024	2924993	KP1607010, Biomolecular Characterization and Imaging Science	0	Default WFO		Default Loc	\$0.00	\$0.00	\$525,000.00	\$525,000.00	\$525,000.00
500	089-X-0222	2020	25400	Operation	KC0000000	C002853	2925000	KC0304031, Solar Photochemistry	0	Default WFO		Default Loc	\$0.00	\$0.00	\$757,000.00	\$757,000.00	\$757,000.00
500	089-X-0222	2018	25400	Operation	KB0000000	C001009	2924156	KB0201052, Heavy Ion Accelerator R&D Natl Lab Research	0	Default WFO		Default Loc	\$22,920.38	\$0.00	\$0.00	\$0.00	\$22,920.38
500	089-X-0222	2019	25400	Operation	KC0000000	C002853	2924294	KC0202040, Mechanical Behavior and Radiation Effects	0	Default WFO		Default Loc	\$47,205.83	\$0.00	\$0.00	\$0.00	\$47,205.83
500	089-X-0222	2019	25400	Operation	KA0000000	C002852	2924317	KA2102021, ATLAS Detector and Computing Support	0	Default WFO		Default Loc	\$13,203,817.01	\$0.00	\$0.00	\$0.00	\$13,203,817.01
500	089-X-0222	2016	25400	Operation	KP0000000	C001024	2924205	KP1602010, Radiochemistry and Imaging Instrumentation	0	Default WFO		Default Loc	\$4,286.34	\$0.00	\$0.00	\$0.00	\$4,286.34
500	089-X-0222	2018	25400	Operation	KC0000000	C002853	2924421	KC0406030, Long Term Surveillance and Maintenance	0	Default WFO		Default Loc	\$503,962.44	\$0.00	\$0.00	\$0.00	\$503,962.44
500	089-X-0222	2019	25400	Operation	FS1000000	C000984	2923656	FS1006000, Personnel Security	0	Default WFO		Default Loc	\$143,097.03	\$0.00	\$0.00	\$0.00	\$143,097.03
500	089-X-0222	2019	25400	Operation	KJ0000000	C001018	2924476	KJ0403010, Computational Partnerships - SciDAC	0	Default WFO		Default Loc	\$482,000.00	\$0.00	\$0.00	\$0.00	\$482,000.00
500	089-X-0222	2018	31001	Major Item	KA0000000	C002852	2924350	KA2303011, MIE	0	Default WF 4809008	CHEQUML	\$409,084.99	\$0.00	\$0.00	\$0.00	\$409,084.99	
500	089-X-0222	2019	32003	Accelerator	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WF 485395	CHAIP	\$4,513,000.00	\$0.00	\$0.00	\$0.00	\$4,513,000.00	
500	089-X-0222	2018	32003	Accelerator	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WF 485395	CHAIP	\$1,199,490.39	\$0.00	\$0.00	\$0.00	\$1,199,490.39	

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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 : FS1000000	C000984	2923657	FS1007000, Material Control and Accountability		0	Default WFO		Default Loc	\$709,000.00	\$0.00	\$0.00	\$0.00	\$709,000.00
500	089-X-0222	2019	25400	Operation : KB0000000	C001009	2923755	KB0401022, Low Energy, Other National Laboratory Research		0	Default WFO		Default Loc	\$411,205.13	\$0.00	\$0.00	\$0.00	\$411,205.13
500	089-X-0222	2019	25400	Operation : KC0000000	C002853	2924192	KC0207010, Energy Frontier Research Centers EFRCs		0	Default WFO		Default Loc	\$1,315,000.00	\$0.00	\$0.00	\$0.00	\$1,315,000.00
500	089-X-0222	2017	25400	Operation : KA0000000	C002852	2924363	KA2403013, Other Projects		0	Default WFO		Default Loc	\$160.35	\$0.00	\$0.00	\$0.00	\$160.35
500	089-X-0222	2018	25400	Operation : KP0000000	C001024	2924200	KP1601010, Foundational Genomics Research		0	Default WFO		Default Loc	\$1,344,931.41	\$0.00	\$0.00	\$0.00	\$1,344,931.41
500	089-X-0222	2019	25400	Operation : KC0000000	C002853	2924299	KC0304020, Physical Biosciences		0	Default WFO		Default Loc	\$2,246,638.34	\$0.00	\$0.00	\$0.00	\$2,246,638.34
500	089-X-0222	2019	25400	Operation : KJ0000000	C001018	2924510	KJ0402030, Computer Sciences - Quantum Networks		0	Default WFO		Default Loc	\$1,450,000.00	\$0.00	\$0.00	\$0.00	\$1,450,000.00
500	089-X-0222	2018	25400	Operation : KC0000000	C002853	2924305	KC0406020, Accelerator and Detector Research		0	Default WFO		Default Loc	\$346,746.48	\$0.00	\$0.00	\$0.00	\$346,746.48
500	089-X-0222	2018	25400	Operation : KC0000000	C002853	2924193	KC0307010, Energy Frontier Research Centers EFRCs		0	Default WFO		Default Loc	\$237,487.39	\$0.00	\$0.00	\$0.00	\$237,487.39
500	089-X-0222	2019	25400	Operation : KA0000000	C002852	2924496	KA2602020, Accelerator Test Facility ATF Operations		0	Default WFO		Default Loc	\$443,959.88	\$0.00	\$0.00	\$0.00	\$443,959.88
500	089-X-0222	2020	25400	Operation : KC0000000	C002853	2924405	KC0201060, Neutron and X-Ray Scatering		0	Default WFO		Default Loc	\$0.00	\$0.00	\$310,000.00	\$310,000.00	\$310,000.00
500	089-X-0222	2020	25400	Operation : KC0000000	C002853	2924233	KC0401040, National Synchrotron Light Source II BNL		0	Default WFO		Default Loc	\$0.00	\$0.00	\$16,115,000.00	\$16,115,000.00	\$16,115,000.00
500	089-X-0222	2020	25400	Operation : KA0000000	C002852	2924496	KA2602020, Accelerator Test Facility ATF Operations		0	Default WFO		Default Loc	\$0.00	\$0.00	\$1,200,000.00	\$1,200,000.00	\$1,200,000.00
500	089-X-0222	2020	25400	Operation : KA0000000	C002852	2924336	KA2202090, Other Facilities		0	Default WFO		Default Loc	\$0.00	\$0.00	\$57,000.00	\$57,000.00	\$57,000.00
500	089-X-0222	2018	25400	Operation : KA0000000	C002852	2924357	KA2401021, Scientific Discovery through Advanced Computing		0	Default WFO		Default Loc	\$99,968.41	\$0.00	\$0.00	\$0.00	\$99,968.41
500	089-X-0222	2019	25400	Operation : KA0000000	C002852	2924357	KA2401021, Scientific Discovery through Advanced Computing		0	Default WFO		Default Loc	\$190,000.00	\$0.00	\$0.00	\$0.00	\$190,000.00
500	089-X-0222	2018	25400	Operation : KP0000000	C001024	2924203	KP1601040, Computational Biosciences		0	Default WFO		Default Loc	\$78,003.33	\$0.00	\$0.00	\$0.00	\$78,003.33
500	089-X-0222	2019	25400	Operation : KC0000000	C002853	2924242	KC0403020, Center for Functional Nanomaterials BNL		0	Default WFO		Default Loc	\$11,530,578.90	\$0.00	\$0.00	\$0.00	\$11,530,578.90
500	089-X-0222	2019	25400	Operation : KC0000000	C002853	3023325	KC0203020, Synthesis and Processing Science		0	Default WFO		Default Loc	\$280,952.16	\$0.00	\$0.00	\$0.00	\$280,952.16
500	089-X-0222	2019	25400	Operation : KB0000000	C001009	2924156	KB0201052, Heavy Ion Accelerator R&D Natl Lab Research		0	Default WFO		Default Loc	\$214,000.00	\$0.00	\$0.00	\$0.00	\$214,000.00
500	089-X-0222	2018	25400	Operation : KC0000000	C002853	2924460	KC0301050, DO NOT USE!!! Condensed Phase & Interfacial Molec		0	Default WFO		Default Loc	\$8.95	\$0.00	\$0.00	\$0.00	\$8.95
500	089-X-0222	2018	25400	Operation : KP0000000	C001024	2924216	KP1703020, DO NOT USE!!! Earth System Modeling		0	Default WFO		Default Loc	\$86,015.98	\$0.00	\$0.00	\$0.00	\$86,015.98
500	089-X-0222	2019	25400	Operation : KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHIC Experimental Support		0	Default WFO		Default Loc	\$15,541,298.19	\$0.00	\$0.00	\$0.00	\$15,541,298.19
500	089-X-0222	2019	25400	Operation : KA0000000	C002852	2924313	KA2101020, National Laboratories		0	Default WFO		Default Loc	\$3,650,135.33	\$0.00	\$0.00	\$0.00	\$3,650,135.33
500	089-X-0222	2017	32003	Accelerator KA0000000	C002852	2924382	KA2602010, Accelerator Operations and Support		0	Default WF 485395	CHAIP		\$185,727.18	\$0.00	\$0.00	\$0.00	\$185,727.18
500	089-X-0222	2018	25400	Operation : KA0000000	C002852	2924320	KA2103011, MIE		0	Default WF 485493	CHOPEMIE		\$990,040.45	\$0.00	\$0.00	\$0.00	\$990,040.45
500	089-X-0222	2019	25400	Operation : KA0000000	C002852	2924326	KA2201030, University Service Accounts		0	Default WFO		Default Loc	\$55,000.00	\$0.00	\$0.00	\$0.00	\$55,000.00
500	089-X-0222	2018	25400	Operation : KP0000000	C001024	2924514	KP1606010, DO NOT USE!!! - Mesoscale to Molecules		0	Default WFO		Default Loc	\$2,094,649.43	\$0.00	\$0.00	\$0.00	\$2,094,649.43
500	089-X-0222	2019	25400	Operation : KC0000000	C002853	2924506	KC0202031, Theoretical Condensed Matter Physics		0	Default WFO		Default Loc	\$950,597.90	\$0.00	\$0.00	\$0.00	\$950,597.90
500	089-X-0222	2019	25400	Operation : KL0000000	C001021	2924407	KL1002000, Community College Internship Program		0	Default WFO		Default Loc	\$83,278.51	\$0.00	\$0.00	\$0.00	\$83,278.51
500	089-X-0222	2019	25400	Operation : KA0000000	C002852	2924366	KA2501012, National Laboratories		0	Default WFO		Default Loc	\$111,366.64	\$0.00	\$0.00	\$0.00	\$111,366.64
500	089-X-0222	2019	25400	Operation : KA0000000	C002852	2924366	KA2501012, National Laboratories		0	Default WF 302557	Traineeship		\$78,400.00	\$0.00	\$0.00	\$0.00	\$78,400.00
500	089-X-0222	2018	25400	Operation : FS1000000	C000984	2923657	FS1007000, Material Control and Accountability		0	Default WFO		Default Loc	\$15,266.81	\$0.00	\$0.00	\$0.00	\$15,266.81
500	089-X-0222	2005	25400	Operation : KA0000000	C002852	2923681	KA1102812, Proton Facilities - Chng in Inventories, Common U		0	Default WFO		Default Loc	\$250,000.00	\$0.00	\$0.00	\$0.00	\$250,000.00
500	089-X-0222	2018	25400	Operation : KC0000000	C002853	2924447	KC0213010, Computational Materials Sciences		0	Default WFO		Default Loc	\$785,276.27	\$0.00	\$0.00	\$0.00	\$785,276.27
500	089-X-0222	2019	25400	Operation : KP0000000	C001024	2924995	KP1703000, Earth and Environmental Systems Modeling		0	Default WFO		Default Loc	\$576,349.41	\$0.00	\$0.00	\$0.00	\$576,349.41
500	089-X-0222	2019	32001	Constructive 39KG01000	C003087	2924481	39KG01000PRN17SC73000, 17-SC-73000 Core Facility Revitalizat		0	Default WFO		Default Loc	\$42,200,000.00	\$0.00	\$0.00	\$0.00	\$42,200,000.00
500	089-X-0222	2014	25400	Operation : KB0000000	C001009	2923741	KB0281011, Nuclear Physics - RHIC		0	Default WFO		Default Loc	\$7,107.43	\$0.00	\$0.00	\$0.00	\$7,107.43
500	089-X-0222	2019	25400	Operation : KB0000000	C001009	2923733	KB0201021, Heavy Ion, RHIC Research		0	Default WFO		Default Loc	\$2,033,870.73	\$0.00	\$0.00	\$0.00	\$2,033,870.73
500	089-X-0222	2020	25400	Operation : KC0000000	C002853	2923769	KC0201010, Structure Of Materials		0	Default WFO		Default Loc	\$0.00	\$0.00	\$289,000.00	\$289,000.00	\$289,000.00
500	089-X-0222	2020	25400	Operation : KC0000000	C002853	2924294	KC0202040, Mechanical Behavior and Radiation Effects		0	Default WFO		Default Loc	\$0.00	\$0.00	\$20,000.00	\$20,000.00	\$20,000.00
500	089-X-0222	2020	25400	Operation : KA0000000	C002852	2924355	KA2401012, National Laboratories		0	Default WFO		Default Loc	\$0.00	\$0.00	\$474,000.00	\$474,000.00	\$474,000.00
500	089-X-0222	2020	25400	Operation : KB0000000	C001009	2923733	KB0201021, Heavy Ion, RHIC Research		0	Default WFO		Default Loc	\$0.00	\$0.00	\$1,000,000.00	\$1,000,000.00	\$1,000,000.00
510	089-X-0222	2019	25400	Operation : 456100000	C003005	6600199	456165021, Cooperative Research And Development Agreements		4861091	CHAGRRIKI0		Default Loc	\$126,259.91	\$0.00	\$0.00	\$0.00	\$126,259.91
510	089-X-0222	2020	25400	Operation : 456100000	C003005	6600199	456165021, Cooperative Research And Development Agreements		4861091	CHAGRRIKI0		Default Loc	\$0.00	\$0.00	\$21,322.35	\$21,322.35	\$21,322.35
511	089-X-0222	2019	25400	Operation : 456100000	C003005	6600146	456160031, Industry - Domestic		4861174	CHAGR844 0		Default Loc	\$25,000.00	\$0.00	\$0.00	\$0.00	\$25,000.00
511	089-X-0222	2019	25400	Operation : 456100000	C003005	6600146	456160031, Industry - Domestic		4861109	CHAGR843 0		Default Loc	\$666.73	\$0.00	\$0.00	\$0.00	\$666.73
511	089-X-0222	2019	25400	Operation : 456100000	C003005	6600146	456160031, Industry - Domestic		4861135	CHAGR844 0		Default Loc	\$57,129.44	\$0.00	\$0.00	\$0.00	\$57,129.44

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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	2019	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4861176	CHAGR844 0		Default Loc	\$66,702.80	\$0.00	\$0.00	\$0.00	\$66,702.80
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861145	CHAGR844 0		Default Loc	\$12,149.46	\$0.00	\$0.00	\$0.00	\$12,149.46
511	089-X-0222	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861090	CHAGR843 0		Default Loc	\$29,453.57	\$0.00	\$0.00	\$0.00	\$29,453.57
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861158	CHAGR844 0		Default Loc	\$6,021.68	\$0.00	\$0.00	\$0.00	\$6,021.68
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861179	CHAGR844 0		Default Loc	\$20,000.00	\$0.00	\$0.00	\$0.00	\$20,000.00
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861100	CHAGR843 0		Default Loc	\$10,900.53	\$0.00	\$0.00	\$0.00	\$10,900.53
511	089-X-0222	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861072	CHAGR842 0		Default Loc	\$2,578.06	\$0.00	\$0.00	\$0.00	\$2,578.06
511	089-X-0222	2020	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861133	CHAGR844 0		Default Loc	\$0.00	\$0.00	\$12,179.77	\$12,179.77	\$12,179.77
511	089-X-0222	2017	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4861015	CHAGR840 0		Default Loc	\$581,487.16	\$0.00	-\$581,487.16	-\$581,487.16	\$0.00
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861159	CHAGR844 0		Default Loc	\$7,622.05	\$0.00	\$0.00	\$0.00	\$7,622.05
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4861184	CHAGR844 0		Default Loc	\$23,335.70	\$0.00	\$0.00	\$0.00	\$23,335.70
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861053	CHAGR842 0		Default Loc	\$6,766.57	\$0.00	\$0.00	\$0.00	\$6,766.57
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4861076	CHAGR843 0		Default Loc	\$265,095.87	\$0.00	\$0.00	\$0.00	\$265,095.87
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861068	CHAGR842 0		Default Loc	\$16,735.45	\$0.00	\$0.00	\$0.00	\$16,735.45
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861177	CHAGR844 0		Default Loc	\$13,333.00	\$0.00	\$0.00	\$0.00	\$13,333.00
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861128	CHAGR844 0		Default Loc	\$72,436.83	\$0.00	\$0.00	\$0.00	\$72,436.83
511	089-X-0222	2018	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4861065	CHAGR842 0		Default Loc	\$128,364.60	\$0.00	\$0.00	\$0.00	\$128,364.60
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861136	CHAGR844 0		Default Loc	\$20,035.01	\$0.00	\$0.00	\$0.00	\$20,035.01
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861162	CHAGR844 0		Default Loc	\$20,251.77	\$0.00	\$0.00	\$0.00	\$20,251.77
511	089-X-0222	2020	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861139	AGR84417 0		Default Loc	\$0.00	\$0.00	\$7,194.75	\$7,194.75	\$7,194.75
511	089-X-0222	2020	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4861175	CHAGR844 0		Default Loc	\$0.00	\$0.00	\$9,708.74	\$9,708.74	\$9,708.74
511	089-X-0222	2020	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861187	CHAGR844 0		Default Loc	\$0.00	\$0.00	\$40,000.00	\$40,000.00	\$40,000.00
511	089-X-0222	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861079	CHAGR843 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	4861089	CHAGR843 0		Default Loc	\$309.19	\$0.00	-\$309.19	-\$309.19	\$0.00
511	089-X-0222	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861075	CHAGR843 0		Default Loc	\$149.96	\$0.00	\$0.00	\$0.00	\$149.96
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861075	CHAGR843 0		Default Loc	\$2,569.90	\$0.00	\$0.00	\$0.00	\$2,569.90
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861144	CHAGR844 0		Default Loc	\$3,427.80	\$0.00	\$0.00	\$0.00	\$3,427.80
511	089-X-0222	2014	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860871	CHAGR872 0		Default Loc	\$70,159.64	\$0.00	\$0.00	\$0.00	\$70,159.64
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860946	CHAGR873 0		Default Loc	\$702.48	\$0.00	\$0.00	\$0.00	\$702.48
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861133	CHAGR844 0		Default Loc	\$25,432.08	\$0.00	\$0.00	\$0.00	\$25,432.08
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4861065	CHAGR842 0		Default Loc	\$194,174.76	\$0.00	\$0.00	\$0.00	\$194,174.76
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4861161	CHAGR844 0		Default Loc	\$33,419.95	\$0.00	\$0.00	\$0.00	\$33,419.95
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861115	CHAGR843 0		Default Loc	\$18,670.77	\$0.00	\$0.00	\$0.00	\$18,670.77
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861182	CHAGR844 0		Default Loc	\$21,667.00	\$0.00	\$0.00	\$0.00	\$21,667.00
511	089-X-0222	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860871	CHAGR872 0		Default Loc	\$13,578.50	\$0.00	\$0.00	\$0.00	\$13,578.50
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861052	CHAGR841 0		Default Loc	\$10,408,626.62	\$0.00	\$0.00	\$0.00	\$10,408,626.62
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861104	CHAGR843 0		Default Loc	\$61,831.65	\$0.00	\$0.00	\$0.00	\$61,831.65
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861151	CHAGR844 0		Default Loc	\$222,250.56	\$0.00	\$0.00	\$0.00	\$222,250.56
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860936	CHAGR872 0		Default Loc	\$7,788.29	\$0.00	\$0.00	\$0.00	\$7,788.29
511	089-X-0222	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861088	CHAGR843 0		Default Loc	\$10,045.33	\$0.00	\$0.00	\$0.00	\$10,045.33
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861160	CHAGR844 0		Default Loc	\$23,324.26	\$0.00	\$0.00	\$0.00	\$23,324.26
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861022	CHAGR841 0		Default Loc	\$176,129.53	\$0.00	\$0.00	\$0.00	\$176,129.53
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861163	CHAGR844 0		Default Loc	\$5,557.10	\$0.00	\$0.00	\$0.00	\$5,557.10
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861139	AGR84417 0		Default Loc	\$54,055.25	\$0.00	\$0.00	\$0.00	\$54,055.25
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861120	CHAGR843 0		Default Loc	\$16,921.32	\$0.00	\$0.00	\$0.00	\$16,921.32
511	089-X-0222	2018	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4860984	CHAGR840 0		Default Loc	\$67.81	\$0.00	\$0.00	\$0.00	\$67.81
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861173	CHAGR844 0		Default Loc	\$517.07	\$0.00	\$0.00	\$0.00	\$517.07
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861157	CHAGR844 0		Default Loc	\$37,812.96	\$0.00	\$0.00	\$0.00	\$37,812.96



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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	2017	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4801577	CH AGR87E0		Default Loc	\$13,862.87	\$0.00	\$0.00	\$0.00	\$13,862.87
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861138	AGR84416 0		Default Loc	\$1,730.51	\$0.00	-\$1,730.51	-\$1,730.51	\$0.00
511	089-X-0222	2018	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4801577	CH AGR87E0		Default Loc	\$50,485.44	\$0.00	\$0.00	\$0.00	\$50,485.44
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861063	CHAGR842 0		Default Loc	\$9,628.13	\$0.00	\$0.00	\$0.00	\$9,628.13
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861121	CHAGR844 0		Default Loc	\$121,934.75	\$0.00	\$0.00	\$0.00	\$121,934.75
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861153	CHAGR844 0		Default Loc	\$182.63	\$0.00	-\$182.63	-\$182.63	\$0.00
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4861167	CHAGR844 0		Default Loc	\$3,229.20	\$0.00	\$0.00	\$0.00	\$3,229.20
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861134	CHAGR844 0		Default Loc	\$166,471.93	\$0.00	\$0.00	\$0.00	\$166,471.93
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861164	CHAGR844 0		Default Loc	\$4,583.97	\$0.00	\$0.00	\$0.00	\$4,583.97
511	089-X-0222	2020	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861023	CHAGR840 0		Default Loc	\$0.00	\$0.00	\$16,350.19	\$16,350.19	\$16,350.19
511	089-X-0222	2020	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861162	CHAGR844 0		Default Loc	\$0.00	\$0.00	\$3,806.97	\$3,806.97	\$3,806.97
511	089-X-0222	2020	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861104	CHAGR843 0		Default Loc	\$0.00	\$0.00	\$13,366.81	\$13,366.81	\$13,366.81
511	089-X-0222	2020	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861186	CHAGR844 0		Default Loc	\$0.00	\$0.00	\$11,178.00	\$11,178.00	\$11,178.00
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861178	CHAGR844 0		Default Loc	\$46,593.37	\$0.00	\$0.00	\$0.00	\$46,593.37
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860969	CHAGR873 0		Default Loc	\$194,172.07	\$0.00	\$0.00	\$0.00	\$194,172.07
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861107	CHAGR843 0		Default Loc	\$17,624.33	\$0.00	\$0.00	\$0.00	\$17,624.33
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861170	CHAGR844 0		Default Loc	\$22,135.92	\$0.00	\$0.00	\$0.00	\$22,135.92
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861098	CHAGR843 0		Default Loc	\$31,889.11	\$0.00	\$0.00	\$0.00	\$31,889.11
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4861175	CHAGR844 0		Default Loc	\$30,694.87	\$0.00	\$0.00	\$0.00	\$30,694.87
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861023	CHAGR840 0		Default Loc	\$59,729.79	\$0.00	\$0.00	\$0.00	\$59,729.79
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4861032	CHAGR841 0		Default Loc	\$7,756.88	\$0.00	\$0.00	\$0.00	\$7,756.88
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4801577	CH AGR87E0		Default Loc	\$50,485.44	\$0.00	\$0.00	\$0.00	\$50,485.44
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861165	CHAGR844 0		Default Loc	\$473.59	\$0.00	\$0.00	\$0.00	\$473.59
511	089-X-0222	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861114	CHAGR843 0		Default Loc	\$1,896.61	\$0.00	\$0.00	\$0.00	\$1,896.61
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861102	CHAGR843 0		Default Loc	\$1,020.18	\$0.00	\$0.00	\$0.00	\$1,020.18
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861099	CHAGR843 0		Default Loc	\$98,452.58	\$0.00	\$0.00	\$0.00	\$98,452.58
511	089-X-0222	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861130	CHAGR844 0		Default Loc	\$443,163.35	\$0.00	\$0.00	\$0.00	\$443,163.35
511	089-X-0222	2020	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861163	CHAGR844 0		Default Loc	\$0.00	\$0.00	\$3,322.33	\$3,322.33	\$3,322.33
511	089-X-0222	2020	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861098	CHAGR843 0		Default Loc	\$0.00	\$0.00	\$1,048.54	\$1,048.54	\$1,048.54
512	089-X-0222	2005	25400	Operation	456100000	C003005	6600053	456140220, Research & Development - Department of Health and	4803774	CH AGRRW 0		Default Loc	\$527,491.57	\$0.00	\$0.00	\$0.00	\$527,491.57
512	089-X-0222	2016	25400	Operation	456100000	C003005	6600053	456140220, Research & Development - Department of Health and	4803492	CH AGRNIF 0		Default Loc	\$455,077.00	\$0.00	\$0.00	\$0.00	\$455,077.00
512	089-X-0222	2007	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4860316	CHAGRNNJ 0		Default Loc	\$20,870.32	\$0.00	\$0.00	\$0.00	\$20,870.32
512	089-X-0222	2016	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regulatory Commission - Nuclear Regulator	4860948	CHAGRNR 0		Default Loc	\$93,297.65	\$0.00	\$0.00	\$0.00	\$93,297.65
512	089-X-0222	2019	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4861154	CHAGR80L 0		Default Loc	\$17,223.11	\$0.00	\$0.00	\$0.00	\$17,223.11
512	089-X-0222	2019	25400	Operation	456100000	C003005	6600096	456140371, Nuclear Regulatory Commission - Nuclear Reactor R	4861185	CHNRC313 0		Default Loc	\$145,631.07	\$0.00	\$0.00	\$0.00	\$145,631.07
512	089-X-0222	2013	25400	Operation	456100000	C003005	6600053	456140220, Research & Development - Department of Health and	4860794	CHAGRAG 0		Default Loc	\$8,934.17	\$0.00	\$0.00	\$0.00	\$8,934.17
512	089-X-0222	2014	25400	Operation	456100000	C003005	6600096	456140371, Nuclear Regulatory Commission - Nuclear Reactor R	4860776	CH189QBV 0		Default Loc	\$9,993.07	\$0.00	\$0.00	\$0.00	\$9,993.07
512	089-X-0222	2018	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4861069	CHAGR80H 0		Default Loc	\$134,939.61	\$0.00	\$0.00	\$0.00	\$134,939.61
512	089-X-0222	2018	25400	Operation	456100000	C003005	6600066	456140351, Department of State - U.S. Voluntary Contribution	4861127	CH1931CP: 0		Default Loc	\$8,220,896.20	\$0.00	\$0.00	\$0.00	\$8,220,896.20
512	089-X-0222	2019	25400	Operation	456100000	C003005	6600053	456140220, Research & Development - Department of Health and	4861118	CHAGR1R2 0		Default Loc	\$199,458.49	\$0.00	\$0.00	\$0.00	\$199,458.49
512	089-X-0222	2015	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regulatory Commission - Nuclear Regulator	4860657	CH189V61: 0		Default Loc	\$9,708.74	\$0.00	\$0.00	\$0.00	\$9,708.74
512	089-X-0222	2018	25400	Operation	456100000	C003005	6600096	456140371, Nuclear Regulatory Commission - Nuclear Reactor R	4861126	CHNRC313 0		Default Loc	\$252,639.11	\$0.00	\$0.00	\$0.00	\$252,639.11
512	089-X-0222	2014	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regulatory Commission - Nuclear Regulator	4860697	CH189N67: 0		Default Loc	\$67,304.85	\$0.00	\$0.00	\$0.00	\$67,304.85
512	089-X-0222	2015	25400	Operation	456100000	C003005	6600053	456140220, Research & Development - Department of Health and	4803492	CH AGRNIF 0		Default Loc	\$822,752.00	\$0.00	\$0.00	\$0.00	\$822,752.00
512	089-X-0222	2019	25400	Operation	456100000	C003005	6600066	456140351, Department of State - U.S. Voluntary Contribution	4861183	CH1931CP: 0		Default Loc	\$11,000,000.00	\$0.00	\$0.00	\$0.00	\$11,000,000.00
512	089-X-0222	2019	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4861169	CHAGR80G 0		Default Loc	\$273,330.10	\$0.00	\$0.00	\$0.00	\$273,330.10
512	089-X-0222	2018	25400	Operation	456100000	C003005	6600053	456140220, Research & Development - Department of Health and	4860902	CHAGRP41 0		Default Loc	\$94,589.38	\$0.00	\$0.00	\$0.00	\$94,589.38
512	089-X-0222	2015	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regulatory Commission - Nuclear Regulator	4860913	CHAGRNR 0		Default Loc	\$151.73	\$0.00	\$0.00	\$0.00	\$151.73

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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	2017	25400	Operation	456100000	C003005	6600100	456140375, Nuclear Regulatory Commission - Commission And St	4860765	CH189N75 0		Default Loc	\$280.57	\$0.00	\$0.00	\$0.00	\$280.57
512	089-X-0222	2017	25400	Operation	456100000	C003005	6600007	456140050, Research & Development - Department of Commerce	4861037	CHAGR17E 0		Default Loc	\$3.72	\$0.00	\$0.00	\$0.00	\$3.72
512	089-X-0222	2016	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regulatory Commission - Nuclear Regulator	4860941	CHAGRNR0		Default Loc	\$26,293.22	\$0.00	\$0.00	\$0.00	\$26,293.22
512	089-X-0222	2013	25400	Operation	456100000	C003005	6600066	456140351, Department of State - U.S. Voluntary Contribution	4860844	CHAGRSIA/0		Default Loc	\$3,823.49	\$0.00	\$0.00	\$0.00	\$3,823.49
512	089-X-0222	2019	25400	Operation	456100000	C003005	6600096	456140371, Nuclear Regulatory Commission - Nuclear Reactor R	4860873	CHAGRNR0		Default Loc	\$882,226.04	\$0.00	\$0.00	\$0.00	\$882,226.04
512	089-X-0222	2013	25400	Operation	456100000	C003005	6600007	456140050, Research & Development - Department of Commerce	4860849	CHAGR201 0		Default Loc	\$2,007.03	\$0.00	\$0.00	\$0.00	\$2,007.03
512	089-X-0222	2015	25400	Operation	456100000	C003005	6600007	456140050, Research & Development - Department of Commerce	4860959	CHAGR201 0		Default Loc	\$473.22	\$0.00	\$0.00	\$0.00	\$473.22
512	089-X-0222	2017	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regulatory Commission - Nuclear Regulator	4860901	CHAGRNR0		Default Loc	\$34,547.10	\$0.00	\$0.00	\$0.00	\$34,547.10
512	089-X-0222	2017	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regulatory Commission - Nuclear Regulator	4860911	CHAGRNR0		Default Loc	\$72,595.39	\$0.00	\$0.00	\$0.00	\$72,595.39
512	089-X-0222	2018	25400	Operation	456100000	C003005	6600051	456140200, Research & Development - National Science Foundat	4861105	CHAGR183 0		Default Loc	\$10,509.17	\$0.00	\$0.00	\$0.00	\$10,509.17
512	089-X-0222	2019	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4860991	CHAGRNN/0		Default Loc	\$112,621.36	\$0.00	\$0.00	\$0.00	\$112,621.36
512	089-X-0222	2018	25400	Operation	456100000	C003005	6600069	456140354, U.S. Agency For International Development USAID	4860930	CHAGRAID 0		Default Loc	\$59,493.70	\$0.00	\$0.00	\$0.00	\$59,493.70
512	089-X-0222	2015	25400	Operation	456100000	C003005	6600053	456140220, Research & Development - Department of Health and	4860897	CHAGRR21 0		Default Loc	\$6,228.29	\$0.00	\$0.00	\$0.00	\$6,228.29
512	089-X-0222	2013	25400	Operation	456100000	C003005	6600007	456140050, Research & Development - Department of Commerce	4860561	CHAGR9EV 0		Default Loc	\$11,621.01	\$0.00	\$0.00	\$0.00	\$11,621.01
512	089-X-0222	2019	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4860979	CHAGRNNJ 0		Default Loc	\$7,251,862.99	\$0.00	\$0.00	\$0.00	\$7,251,862.99
512	089-X-0222	2017	25400	Operation	456100000	C003005	6600007	456140050, Research & Development - Department of Commerce	4861054	CHAGRNA10		Default Loc	\$8,453.63	\$0.00	\$0.00	\$0.00	\$8,453.63
512	089-X-0222	2013	25400	Operation	456100000	C003005	6600067	456140352, Department of State - U.S. Voluntary Contribution	4860796	CHAGRSIA/0		Default Loc	\$19.78	\$0.00	\$0.00	\$0.00	\$19.78
512	089-X-0222	2019	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regulatory Commission - Nuclear Regulator	4860894	CHAGRNR0		Default Loc	\$1,553.31	\$0.00	\$0.00	\$0.00	\$1,553.31
512	089-X-0222	2016	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regulatory Commission - Nuclear Regulator	4860760	CH189N69:0		Default Loc	\$13,279.83	\$0.00	\$0.00	\$0.00	\$13,279.83
512	089-X-0222	2015	25400	Operation	456100000	C003005	6600072	456140357, Department of State - Other	4860914	CHAGR193 0		Default Loc	\$260.99	\$0.00	\$0.00	\$0.00	\$260.99
512	089-X-0222	2019	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4861025	CHAGRNN/0		Default Loc	\$1,494.72	\$0.00	\$0.00	\$0.00	\$1,494.72
512	089-X-0222	2016	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4860745	CHAGRNNJ 0		Default Loc	\$6,224.31	\$0.00	\$0.00	\$0.00	\$6,224.31
512	089-X-0222	2018	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4860992	CHAGRNN/0		Default Loc	\$50.71	\$0.00	\$0.00	\$0.00	\$50.71
512	089-X-0222	2012	25400	Operation	456100000	C003005	6600053	456140220, Research & Development - Department of Health and	4804168	CH AGRY1<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	4803492	CH AGRNIF 0		Default Loc	\$731,897.00	\$0.00	\$0.00	\$0.00	\$731,897.00
512	089-X-0222	2016	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regulatory Commission - Nuclear Regulator	4860817	CH189V64(0		Default Loc	\$1,784.78	\$0.00	\$0.00	\$0.00	\$1,784.78
512	089-X-0222	2019	25400	Operation	456100000	C003005	6600096	456140371, Nuclear Regulatory Commission - Nuclear Reactor R	4861125	CHNRC313 0		Default Loc	\$155,641.60	\$0.00	\$0.00	\$0.00	\$155,641.60
512	089-X-0222	2015	25400	Operation	456100000	C003005	6600067	456140352, Department of State - U.S. Voluntary Contribution	4860964	CHAGR193 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-OI0		Default Loc	\$121.25	\$0.00	\$0.00	\$0.00	\$121.25
512	089-X-0222	2014	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regulatory Commission - Nuclear Regulator	4860657	CH189V61!0		Default Loc	\$29,137.54	\$0.00	\$0.00	\$0.00	\$29,137.54
512	089-X-0222	2018	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4860991	CHAGRNN/0		Default Loc	\$190,814.09	\$0.00	\$0.00	\$0.00	\$190,814.09
512	089-X-0222	2019	25400	Operation	456100000	C003005	6600007	456140050, Research & Development - Department of Commerce	4861131	CHAGRER2 0		Default Loc	\$12,305.74	\$0.00	\$0.00	\$0.00	\$12,305.74
512	089-X-0222	2019	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4860942	CHAGRNNJ 0		Default Loc	\$181,755.69	\$0.00	\$0.00	\$0.00	\$181,755.69
512	089-X-0222	2014	25400	Operation	456100000	C003005	6600073	456140358, Other Federal Agencies	4860852	CHAGR017 0		Default Loc	\$83,084.91	\$0.00	\$0.00	\$0.00	\$83,084.91
512	089-X-0222	2017	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regulatory Commission - Nuclear Regulator	4860947	CHAGRNR0		Default Loc	\$1,430.36	\$0.00	\$0.00	\$0.00	\$1,430.36
512	089-X-0222	2019	25400	Operation	456100000	C003005	6600007	456140050, Research & Development - Department of Commerce	4861119	CHAGRP18 0		Default Loc	\$699,896.32	\$0.00	\$0.00	\$0.00	\$699,896.32
512	089-X-0222	2019	25400	Operation	456100000	C003005	6600073	456140358, Other Federal Agencies	3015354	CRAGR084:0		Default Loc	\$194,174.76	\$0.00	\$0.00	\$0.00	\$194,174.76
512	089-X-0222	2019	25400	Operation	456100000	C003005	6600069	456140354, U.S. Agency For International Development USAID	4860930	CHAGRAID 0		Default Loc	\$359,733.49	\$0.00	\$0.00	\$0.00	\$359,733.49
512	089-X-0222	2005	25400	Operation	456100000	C003005	6600066	456140351, Department of State - U.S. Voluntary Contribution	4806666	CHAGRRW' 0		Default Loc	\$394,234.20	\$0.00	\$0.00	\$0.00	\$394,234.20
512	089-X-0222	2018	25400	Operation	456100000	C003005	6600007	456140050, Research & Development - Department of Commerce	4860850	CHAGR201 0		Default Loc	\$193.69	\$0.00	\$0.00	\$0.00	\$193.69
512	089-X-0222	2015	25400	Operation	456100000	C003005	6600007	456140050, Research & Development - Department of Commerce	4860561	CHAGR9EV 0		Default Loc	\$1.29	\$0.00	\$0.00	\$0.00	\$1.29
512	089-X-0222	2014	25400	Operation	456100000	C003005	6600007	456140050, Research & Development - Department of Commerce	4860561	CHAGR9EV 0		Default Loc	\$8,737.52	\$0.00	\$0.00	\$0.00	\$8,737.52
512	089-X-0222	2019	25400	Operation	456100000	C003005	6600096	456140371, Nuclear Regulatory Commission - Nuclear Reactor R	4861126	CHNRC313 0		Default Loc	\$302,153.89	\$0.00	\$0.00	\$0.00	\$302,153.89
512	089-X-0222	2017	25400	Operation	456100000	C003005	6600007	456140050, Research & Development - Department of Commerce	4861041	CHAGR201 0		Default Loc	\$109.78	\$0.00	\$0.00	\$0.00	\$109.78
512	089-X-0222	2015	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4860927	CHARGNNI 0		Default Loc	\$354.45	\$0.00	\$0.00	\$0.00	\$354.45
512	089-X-0222	2014	25400	Operation	456100000	C003005	6600072	456140357, Department of State - Other	4860914	CHAGR193 0		Default Loc	\$6,708.87	\$0.00	\$0.00	\$0.00	\$6,708.87
512	089-X-0222	2019	25400	Operation	456100000	C003005	6600007	456140050, Research & Development - Department of Commerce	4861123	CHAGRP18 0		Default Loc	\$81,383.58	\$0.00	\$0.00	\$0.00	\$81,383.58
512	089-X-0222	2019	25400	Operation	456100000	C003005	6600053	456140220, Research & Development - Department of Health and	4861180	CHAGRP30 0		Default Loc	\$3,600,000.00	\$0.00	\$0.00	\$0.00	\$3,600,000.00

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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
512	089-X-0222	2011	25400	Operation	456100000	C003005	6600096	456140371, Nuclear Regulatory Commission - Nuclear Reactor R	4860532	CH189J4140		Default Loc	\$3,429.21	\$0.00	\$0.00	\$0.00	\$3,429.21
512	089-X-0222	2016	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regulatory Commission - Nuclear Regulator	4860724	CH189V610		Default Loc	\$3,761.11	\$0.00	\$0.00	\$0.00	\$3,761.11
512	089-X-0222	2018	25400	Operation	456100000	C003005	6600096	456140371, Nuclear Regulatory Commission - Nuclear Reactor R	4860873	CHAGRNR0		Default Loc	\$129,900.08	\$0.00	\$0.00	\$0.00	\$129,900.08
512	089-X-0222	2016	25400	Operation	456100000	C003005	6600066	456140351, Department of State - U.S. Voluntary Contribution	4860970	CHAGR1930		Default Loc	\$503,880.42	\$0.00	\$0.00	\$0.00	\$503,880.42
512	089-X-0222	2017	25400	Operation	456100000	C003005	6600007	456140050, Research & Development - Department of Commerce	4860843	CHAGR2010		Default Loc	\$611.68	\$0.00	\$0.00	\$0.00	\$611.68
512	089-X-0222	2019	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4861073	CHAGR80H0		Default Loc	\$144,726.35	\$0.00	\$0.00	\$0.00	\$144,726.35
512	089-X-0222	2017	25400	Operation	456100000	C003005	6600066	456140351, Department of State - U.S. Voluntary Contribution	4861057	CH1931CP0		Default Loc	\$1,583,240.81	\$0.00	\$0.00	\$0.00	\$1,583,240.81
512	089-X-0222	2016	25400	Operation	456100000	C003005	6600066	456140351, Department of State - U.S. Voluntary Contribution	4861012	CHAGR1930		Default Loc	\$702,340.86	\$0.00	\$0.00	\$0.00	\$702,340.86
512	089-X-0222	2020	25400	Operation	456100000	C003005	6600069	456140354, U.S. Agency For International Development USAID	4860930	CHAGRAID0		Default Loc	\$0.00	\$0.00	\$61,056.55	\$61,056.55	\$61,056.55
517	089-X-0222 - S	2019	25400	Operation	456100000	C003005	6600207	456167SC0, Office of Science SC	4861108	CHAGR8430		Default Loc	\$3,602,103.30	\$0.00	\$0.00	\$0.00	\$3,602,103.30
517	089-X-0222 - S	2019	25400	Operation	456100000	C003005	6600207	456167SC0, Office of Science SC	4860823	CHAGR8720		Default Loc	\$35,674.26	\$0.00	\$0.00	\$0.00	\$35,674.26
517	089-X-0222 - S	2018	25400	Operation	456100000	C003005	6600207	456167SC0, Office of Science SC	4860826	CHAGR8720		Default Loc	\$7,745.02	\$0.00	\$0.00	\$0.00	\$7,745.02
517	089-X-0222 - S	2018	25400	Operation	456100000	C003005	6600207	456167SC0, Office of Science SC	4860834	CHAGR8720		Default Loc	\$13,298.02	\$0.00	\$0.00	\$0.00	\$13,298.02
517	089-X-0222 - S	2019	25400	Operation	456100000	C003005	6600207	456167SC0, Office of Science SC	4861010	CHAGR8730		Default Loc	\$3,138,491.98	\$0.00	\$0.00	\$0.00	\$3,138,491.98
517	089-X-0222 - S	2018	25400	Operation	456100000	C003005	6600207	456167SC0, Office of Science SC	4861108	CHAGR8430		Default Loc	\$3,060,444.99	\$0.00	\$0.00	\$0.00	\$3,060,444.99
674	089-18/19-02	2018	25400	Operation	TT0000000	C003093	4500001	TT1020000, Contractual Support Services	0	Default WF0		Default Loc	\$9,923.86	\$0.00	\$0.00	\$0.00	\$9,923.86
679	089-15/16-02	2015	25400	Operation	WA2200000	C001104	2822390	WA2230100, Other Related Expenses - Contractual Services	0	Default WF302064		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 WF0		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	CHAGR8720		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 WF0		Default Loc	\$35,687.86	\$0.00	\$0.00	\$0.00	\$35,687.86
900	089-X-0240	2015	25400	Operation	DP8000000	C002982	2222989	DP8000000, Counterterrorism and Counterproliferation Program	0	Default WF0		Default Loc	\$1,260.15	\$0.00	\$0.00	\$0.00	\$1,260.15
900	089-X-0240	2014	25400	Operation	DP1204000	C000912	2220743	DP1204010, Secondary Assessment Technologies	0	Default WF0		Default Loc	\$836.82	\$0.00	\$0.00	\$0.00	\$836.82
900	089-X-0240	2014	25400	Operation	DP4000000	C000925	2222480	DP4011093, Nuclear Counterterrorism	0	Default WF0		Default Loc	\$2,057.91	\$0.00	\$0.00	\$0.00	\$2,057.91
900	089-X-0240	2020	25400	Operation	DP0909000	C002955	2223112	DP0909010, Nuclear Criticality Safety Program	0	Default WF0		Default Loc	\$0.00	\$0.00	\$57,300.00	\$57,300.00	\$57,300.00
910	089-X-0240	2015	25400	Operation	456100000	C003005	6600014	456140075, Army - Other	4860884	CHAGRW70		Default Loc	\$34,783.01	\$0.00	\$0.00	\$0.00	\$34,783.01
910	089-X-0240	2015	25400	Operation	456100000	C003005	6600084	45614036B, Science and Technology - Other	4860847	CHAGRHSF0		Default Loc	\$34,200.86	\$0.00	\$0.00	\$0.00	\$34,200.86
910	089-X-0240	2014	25400	Operation	456100000	C003005	6600084	45614036B, Science and Technology - Other	4860789	CHAGRHSF0		Default Loc	\$4,403.81	\$0.00	\$0.00	\$0.00	\$4,403.81
910	089-X-0240	2014	25400	Operation	456100000	C003005	6600072	456140357, Department of State - Other	4860787	CHAGRSIAF0		Default Loc	\$849.00	\$0.00	\$0.00	\$0.00	\$849.00
910	089-X-0240	2017	25400	Operation	456100000	C003005	6600072	456140357, Department of State - Other	4860787	CHAGRSIAF0		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	4841247	CHAGRHSF0		Default Loc	\$4,212.25	\$0.00	\$0.00	\$0.00	\$4,212.25
910	089-X-0240	2014	25400	Operation	456100000	C003005	6600084	45614036B, Science and Technology - Other	4860915	CHAGRHSF0		Default Loc	\$11,352.52	\$0.00	\$0.00	\$0.00	\$11,352.52
1050	089-X-0243	2018	25400	Operation	HU0000000	C002426	3184709	HU2006100, Occupational Medicine	0	Default WF0		Default Loc	\$8.89	\$0.00	\$0.00	\$0.00	\$8.89
1050	089-X-0243	2019	25400	Operation	HQ0000000	C002425	3184701	HQ1001000, Worker Advocacy	0	Default WF0		Default Loc	\$67,876.51	\$0.00	\$0.00	\$0.00	\$67,876.51
1055	089-X-0243	2017	25400	Operation	456100000	C003005	6600084	45614036B, Science and Technology - Other	4861048	CHAGRHSF0		Default Loc	\$6,585.86	\$0.00	\$0.00	\$0.00	\$6,585.86
1055	089-X-0243	2018	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861110	CH16003D0		Default Loc	\$338.24	\$0.00	\$0.00	\$0.00	\$338.24
1055	089-X-0243	2017	25400	Operation	456100000	C003005	6600084	45614036B, Science and Technology - Other	4861049	CHAGRHSF0		Default Loc	\$1,108.00	\$0.00	\$0.00	\$0.00	\$1,108.00
1055	089-X-0243	2018	25400	Operation	456100000	C003005	6600084	45614036B, Science and Technology - Other	4861051	CHAGRHSF0		Default Loc	\$149,682.38	\$0.00	\$0.00	\$0.00	\$149,682.38
1055	089-X-0243	2018	25400	Operation	456100000	C003005	6600084	45614036B, Science and Technology - Other	4861129	CHAGR70R0		Default Loc	\$30,529.83	\$0.00	\$0.00	\$0.00	\$30,529.83
1055	089-X-0243	2018	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861095	CHAGREAC0		Default Loc	\$261.12	\$0.00	\$0.00	\$0.00	\$261.12
1055	089-X-0243	2019	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861147	CHAGREAC0		Default Loc	\$345.96	\$0.00	\$0.00	\$0.00	\$345.96
1055	089-X-0243	2015	25400	Operation	456100000	C003005	6600084	45614036B, Science and Technology - Other	4860923	CHARGHSF0		Default Loc	\$696.09	\$0.00	\$0.00	\$0.00	\$696.09
1055	089-X-0243	2018	25400	Operation	456100000	C003005	6600084	45614036B, Science and Technology - Other	4861024	CHAGRHSF0		Default Loc	\$3,598.73	\$0.00	\$0.00	\$0.00	\$3,598.73
1055	089-X-0243	2019	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861148	CHAGREAC0		Default Loc	\$98,179.86	\$0.00	\$0.00	\$0.00	\$98,179.86
1055	089-X-0243	2018	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861082	CHAGREAC0		Default Loc	\$403.92	\$0.00	\$0.00	\$0.00	\$403.92
1055	089-X-0243	2018	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861083	CHAGREAC0		Default Loc	\$22,941.95	\$0.00	\$0.00	\$0.00	\$22,941.95
1055	089-X-0243	2019	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861171	CHAGREAC0		Default Loc	\$174,182.91	\$0.00	\$0.00	\$0.00	\$174,182.91
1055	089-X-0243	2019	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861152	CHAGRHQ0		Default Loc	\$172,483.51	\$0.00	\$0.00	\$0.00	\$172,483.51
1055	089-X-0243	2019	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861149	CHAGREAC0		Default Loc	\$119,234.20	\$0.00	\$0.00	\$0.00	\$119,234.20



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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
1055	089-X-0243	2019	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861150	CHAGREAC0		Default Loc	\$119,804.68	\$0.00	\$0.00	\$0.00	\$119,804.68
1055	089-X-0243	2012	25400	Operation	456100000	C003005	6600084	45614036B, Science and Technology - Other	4860789	CHAGRHSF0		Default Loc	\$1,561.80	\$0.00	\$0.00	\$0.00	\$1,561.80
1055	089-X-0243	2018	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861094	CHAGREAC0		Default Loc	\$9,985.94	\$0.00	\$0.00	\$0.00	\$9,985.94
1055	089-X-0243	2019	25400	Operation	456100000	C003005	6600084	45614036B, Science and Technology - Other	4861172	CHAGRHSF0		Default Loc	\$5,654.21	\$0.00	\$0.00	\$0.00	\$5,654.21
1055	089-X-0243	2017	25400	Operation	456100000	C003005	6600084	45614036B, Science and Technology - Other	4861005	CHAGRHSF0		Default Loc	\$1,122,345.17	\$0.00	\$0.00	\$0.00	\$1,122,345.17
1055	089-X-0243	2018	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861112	CHAGREAC0		Default Loc	\$69,446.97	\$0.00	\$0.00	\$0.00	\$69,446.97
1055	089-X-0243	2018	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861117	CHAGRNR0		Default Loc	\$125,511.81	\$0.00	\$0.00	\$0.00	\$125,511.81
1055	089-X-0243	2019	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861055	CHAGRNC0		Default Loc	\$300,000.00	\$0.00	\$0.00	\$0.00	\$300,000.00
1055	089-X-0243	2016	25400	Operation	456100000	C003005	6600084	45614036B, Science and Technology - Other	4860960	CHAGRHSF0		Default Loc	\$90,000.00	\$0.00	\$0.00	\$0.00	\$90,000.00
1055	089-X-0243	2016	25400	Operation	456100000	C003005	6600033	456140124, DNA - Other	4861006	CHAGR1000		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	4861055	CHAGRNC0		Default Loc	\$299,732.80	\$0.00	\$0.00	\$0.00	\$299,732.80
1055	089-X-0243	2019	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861166	CHAGRNR70		Default Loc	\$123,499.49	\$0.00	\$0.00	\$0.00	\$123,499.49
1055	089-X-0243	2015	25400	Operation	456100000	C003005	6600084	45614036B, Science and Technology - Other	4860933	CHAGRHSF0		Default Loc	\$2,147.71	\$0.00	\$0.00	\$0.00	\$2,147.71
1055	089-X-0243	2016	25400	Operation	456100000	C003005	6600084	45614036B, Science and Technology - Other	4860997	CHAGRHSF0		Default Loc	\$17,697.10	\$0.00	\$0.00	\$0.00	\$17,697.10
1055	089-X-0243	2015	25400	Operation	456100000	C003005	6600084	45614036B, Science and Technology - Other	4860960	CHAGRHSF0		Default Loc	\$120,639.12	\$0.00	\$0.00	\$0.00	\$120,639.12
1055	089-X-0243	2019	25400	Operation	456100000	C003005	6600084	45614036B, Science and Technology - Other	4861143	CHAGR70R0		Default Loc	\$106,799.55	\$0.00	\$0.00	\$0.00	\$106,799.55
1055	089-X-0243	2018	25400	Operation	456100000	C003005	6600084	45614036B, Science and Technology - Other	4861124	CHAGR70F0		Default Loc	\$15,635.71	\$0.00	\$0.00	\$0.00	\$15,635.71
1055	089-X-0243	2019	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861155	CHAGREAC0		Default Loc	\$127,323.50	\$0.00	\$0.00	\$0.00	\$127,323.50
1055	089-X-0243	2019	25400	Operation	456100000	C003005	6600084	45614036B, Science and Technology - Other	4861129	CHAGR70R0		Default Loc	\$112,112.00	\$0.00	\$0.00	\$0.00	\$112,112.00
1055	089-X-0243	2016	25400	Operation	456100000	C003005	6600084	45614036B, Science and Technology - Other	4860994	CHAGRHSF0		Default Loc	\$2,561.17	\$0.00	\$0.00	\$0.00	\$2,561.17
1055	089-X-0243	2016	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861013	CHAGRNI0		Default Loc	\$100,000.00	\$0.00	\$0.00	\$0.00	\$100,000.00
1055	089-X-0243	2016	25400	Operation	456100000	C003005	6600084	45614036B, Science and Technology - Other	4842534	CHAGRHSF0		Default Loc	\$21,555.93	\$0.00	\$0.00	\$0.00	\$21,555.93
1055	089-X-0243	2018	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861085	CHAGRNR70		Default Loc	\$996.57	\$0.00	\$0.00	\$0.00	\$996.57
1055	089-X-0243	2019	25400	Operation	456100000	C003005	6600038	456140135, DARPA - Other	4861137	CHAGRHR0		Default Loc	\$56,714.69	\$0.00	\$0.00	\$0.00	\$56,714.69
1055	089-X-0243	2016	25400	Operation	456100000	C003005	6600084	45614036B, Science and Technology - Other	4861008	CHAGRHSF0		Default Loc	\$25,000.00	\$0.00	\$0.00	\$0.00	\$25,000.00
1055	089-X-0243	2018	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861113	CHAGREAC0		Default Loc	\$3,776.95	\$0.00	\$0.00	\$0.00	\$3,776.95
1055	089-X-0243	2018	25400	Operation	456100000	C003005	6600109	456140063, Air Force - Other	4861078	CHAGR4F0		Default Loc	\$332.65	\$0.00	\$0.00	\$0.00	\$332.65
1055	089-X-0243	2018	25400	Operation	456100000	C003005	6600038	456140135, DARPA - Other	4861106	CHAGRHR0		Default Loc	\$3,607.88	\$0.00	\$0.00	\$0.00	\$3,607.88
1055	089-X-0243	2019	25400	Operation	456100000	C003005	6600084	45614036B, Science and Technology - Other	4861140	CHAGR70R0		Default Loc	\$95,699.66	\$0.00	\$0.00	\$0.00	\$95,699.66
1055	089-X-0243	2018	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencies - Other	4861097	CHAGREAC0		Default Loc	\$3,745.35	\$0.00	\$0.00	\$0.00	\$3,745.35
1060	089-X-0243	2020	25400	Operation	GD6000000	C002970	3203761	GD6020100, Analysis	0	Default WF0		Default Loc	\$0.00	\$0.00	\$121,990.00	\$121,990.00	\$121,990.00
1060	089-X-0243	2018	25400	Operation	GD6000000	C002970	3203780	GD6050200, Technical Services	0	Default WF0		Default Loc	\$147.49	\$0.00	\$0.00	\$0.00	\$147.49
1060	089-X-0243	2019	25400	Operation	GD6000000	C002970	3203763	GD6020300, Investigations	0	Default WF0		Default Loc	\$506,503.22	\$0.00	\$0.00	\$0.00	\$506,503.22
1060	089-X-0243	2019	25400	Operation	GD6000000	C002970	3203769	GD6020900, Office of The SCIO	0	Default WF0		Default Loc	\$159,749.68	\$0.00	\$0.00	\$0.00	\$159,749.68
1060	089-X-0243	2017	25400	Operation	GD6000000	C002970	3203779	GD6050100, CYBER & OPERATIONS	0	Default WF0		Default Loc	\$864.41	\$0.00	\$0.00	\$0.00	\$864.41
1060	089-X-0243	2020	25400	Operation	GD6000000	C002970	3203763	GD6020300, Investigations	0	Default WF0		Default Loc	\$0.00	\$0.00	\$489,640.00	\$489,640.00	\$489,640.00
1060	089-X-0243	2018	25400	Operation	GD6000000	C002970	3203764	GD6020400, CI Training	0	Default WF0		Default Loc	\$44,205.46	\$0.00	\$0.00	\$0.00	\$44,205.46
1060	089-X-0243	2019	25400	Operation	GD6000000	C002970	3203762	GD6020200, Security	0	Default WF0		Default Loc	\$31,594.63	\$0.00	\$0.00	\$0.00	\$31,594.63
1060	089-X-0243	2019	25400	Operation	GD6000000	C002970	3203761	GD6020100, Analysis	0	Default WF0		Default Loc	\$178,271.45	\$0.00	\$0.00	\$0.00	\$178,271.45
1551	089-X-0309	2015	25400	Operation	NN4000000	C001056	2222717	NN4009010, Safeguards Policy and Human Resources	0	Default WF0		Default Loc	\$0.89	\$0.00	\$0.00	\$0.00	\$0.89
1551	089-X-0309	2019	25400	Operation	DN4000000	C003042	2223101	DN4003010, Warhead Dismantlement and Fissile Material Transp	0	Default WF0		Default Loc	\$9,981.33	\$0.00	\$0.00	\$0.00	\$9,981.33
1551	089-X-0309	2016	25400	Operation	DN4000000	C003042	2223105	DN4004030, Multilateral Supplier Policy	0	Default WF0		Default Loc	\$68,067.39	\$0.00	\$0.00	\$0.00	\$68,067.39
1551	089-X-0309	2020	25400	Operation	DN4000000	C003042	2223094	DN4001010, Safeguards Policy	0	Default WF0		Default Loc	\$0.00	\$0.00	\$107,048.10	\$107,048.10	\$107,048.10
1551	089-X-0309	2019	25400	Operation	DN4000000	C003042	2223106	DN4004040, Policy Studies and Support	0	Default WF0		Default Loc	\$56,502.85	\$0.00	\$0.00	\$0.00	\$56,502.85
1551	089-X-0309	2019	25400	Operation	DN2012000	C003120	2223182	DN2012010, U.S. High Performance Research Reactor-USHPRR	0	Default WF0		Default Loc	\$10,019.78	\$0.00	\$0.00	\$0.00	\$10,019.78
1551	089-X-0309	2015	25400	Operation	NN2000000	C001052	2221132	NN2001000, Nonproliferation Detection	0	Default WF0		Default Loc	\$1.79	\$0.00	\$0.00	\$0.00	\$1.79
1551	089-X-0309	2019	25400	Operation	CT0000000	C003007	2223023	CT8404010, Evaluation, Exercise, Readiness, and Response Sup	0	Default WF0		Default Loc	\$2,159.62	\$0.00	\$0.00	\$0.00	\$2,159.62
1551	089-X-0309	2018	25400	Operation	CT0000000	C003007	2223014	CT8101000, Nuclear Incident Policy and Cooperation	0	Default WF0		Default Loc	\$41,561.96	\$0.00	\$0.00	\$0.00	\$41,561.96

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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 : DN2010000	C003118	2223180	DN2010000, Proliferation Detection R&D		0	Default WFO		Default Loc	\$326,796.72	\$0.00	\$0.00	\$0.00	\$326,796.72
1551	089-X-0309	2017	25400	Operation : DN1001000	C003034	2223049	DN1001011, U.S. Costs for Russia Newly Independent State Pro		0	Default WFO		Default Loc	\$139,186.91	\$0.00	\$0.00	\$0.00	\$139,186.91
1551	089-X-0309	2019	25400	Operation : CT0000000	C003007	2223020	CT8401000, Radiological Assistance Program RAP		0	Default WFO		Default Loc	\$415,188.51	\$0.00	\$0.00	\$0.00	\$415,188.51
1551	089-X-0309	2019	25400	Operation : DN4000000	C003042	2223094	DN4001010, Safeguards Policy		0	Default WFO		Default Loc	\$300,960.59	\$0.00	\$0.00	\$0.00	\$300,960.59
1551	089-X-0309	2019	25400	Operation : DN4000000	C003042	2223103	DN4004010, Global Regimes		0	Default WFO		Default Loc	\$179,045.00	\$0.00	\$0.00	\$0.00	\$179,045.00
1551	089-X-0309	2019	25400	Operation : DN1003000	C003036	2223063	DN1003011, U.S. Costs for Russia Newly Independent State Pro		0	Default WFO		Default Loc	\$300,411.24	\$0.00	\$0.00	\$0.00	\$300,411.24
1551	089-X-0309	2018	25400	Operation : DN4000000	C003042	2223103	DN4004010, Global Regimes		0	Default WFO		Default Loc	\$752.78	\$0.00	\$0.00	\$0.00	\$752.78
1551	089-X-0309	2020	25400	Operation : DN1003000	C003036	2223063	DN1003011, U.S. Costs for Russia Newly Independent State Pro		0	Default WFO		Default Loc	\$0.00	\$0.00	\$190,643.66	\$190,643.66	\$190,643.66
1551	089-X-0309	2020	25400	Operation : DN2012000	C003120	2223182	DN2012010, U.S. High Performance Research Reactor-USHPRR		0	Default WFO		Default Loc	\$0.00	\$0.00	\$75,000.00	\$75,000.00	\$75,000.00
1551	089-X-0309	2020	25400	Operation : DN4000000	C003042	2223095	DN4001020, Safeguards Engagement INSEP		0	Default WFO		Default Loc	\$0.00	\$0.00	\$113,942.72	\$113,942.72	\$113,942.72
1551	089-X-0309	2020	25400	Operation : CT0000000	C003007	2223020	CT8401000, Radiological Assistance Program RAP		0	Default WFO		Default Loc	\$0.00	\$0.00	\$324,418.46	\$324,418.46	\$324,418.46
1551	089-X-0309	2020	25400	Operation : DN4000000	C003042	2223102	DN4003020, Nuclear Noncompliance Verification		0	Default WFO		Default Loc	\$0.00	\$0.00	\$85,062.96	\$85,062.96	\$85,062.96
1551	089-X-0309	2019	25400	Operation : DN4000000	C003042	2223095	DN4001020, Safeguards Engagement INSEP		0	Default WFO		Default Loc	\$264,643.88	\$0.00	\$0.00	\$0.00	\$264,643.88
1551	089-X-0309	2019	25400	Operation : DN4000000	C003042	2223096	DN4001030, Safeguards Technology Development		0	Default WFO		Default Loc	\$540,094.18	\$0.00	\$0.00	\$0.00	\$540,094.18
1551	089-X-0309	2015	25400	Operation : NN5000000	C001058	2221240	NN5004010, U.S. Costs for Russia Newly Independent States Pr		0	Default WFO		Default Loc	\$2,916.33	\$0.00	\$0.00	\$0.00	\$2,916.33
1551	089-X-0309	2019	25400	Operation : CT0000000	C003007	2223144	CT8000000, NA-80 CTCP		0	Default WFO		Default Loc	\$56,005.95	\$0.00	\$0.00	\$0.00	\$56,005.95
1551	089-X-0309	2020	25400	Operation : DN4000000	C003042	2223105	DN4004030, Multilateral Supplier Policy		0	Default WFO		Default Loc	\$0.00	\$0.00	\$7,257.50	\$7,257.50	\$7,257.50
1551	089-X-0309	2015	25400	Operation : NN5000000	C001058	2221234	NN5002010, U.S. Costs for Russia Newly Independent States Pr		0	Default WFO		Default Loc	\$18,170.30	\$0.00	\$0.00	\$0.00	\$18,170.30
1551	089-X-0309	2019	25400	Operation : CT0000000	C003007	2223014	CT8101000, Nuclear Incident Policy and Cooperation		0	Default WFO		Default Loc	\$15,000.00	\$0.00	\$0.00	\$0.00	\$15,000.00
1551	089-X-0309	2019	25400	Operation : DN1006000	C003089	2223153	DN1006010, International Radiological Security		0	Default WFO		Default Loc	\$24,365.89	\$0.00	\$0.00	\$0.00	\$24,365.89
1551	089-X-0309	2015	25400	Operation : NN4000000	C001056	2222733	NN4012040, Policy Studies and Support		0	Default WFO		Default Loc	\$1.95	\$0.00	\$0.00	\$0.00	\$1.95
1551	089-X-0309	2018	25400	Operation : DN1003000	C003036	2223063	DN1003011, U.S. Costs for Russia Newly Independent State Pro		0	Default WFO		Default Loc	\$77,831.19	\$0.00	\$0.00	\$0.00	\$77,831.19
1551	089-X-0309	2016	25400	Operation : DN1001000	C003034	2223053	DN1001021, U.S. Costs for Russia Newly Independent State Pro		0	Default WFO		Default Loc	\$288,345.44	\$0.00	\$0.00	\$0.00	\$288,345.44
1551	089-X-0309	2017	25400	Operation : DN2000000	C003038	2223076	DN2001000, Proliferation Detection		0	Default WFO		Default Loc	\$2,727.18	\$0.00	\$0.00	\$0.00	\$2,727.18
1551	089-X-0309	2019	25400	Operation : DN4000000	C003042	2223102	DN4003020, Nuclear Noncompliance Verification		0	Default WFO		Default Loc	\$140,079.81	\$0.00	\$0.00	\$0.00	\$140,079.81
1551	089-X-0309	2015	25400	Operation : NN5000000	C001058	2221235	NN5002020, In-Country Costs for Russia Newly Independent Sta		0	Default WFO		Default Loc	\$728,917.12	\$0.00	\$0.00	\$0.00	\$728,917.12
1551	089-X-0309	2017	25400	Operation : DN2000000	C003038	2223154	DN2006000, USHPRR		0	Default WFO		Default Loc	\$2.37	\$0.00	\$0.00	\$0.00	\$2.37
1551	089-X-0309	2019	25400	Operation : DN1005000	C003088	2223152	DN1005010, Domestic Radiological Security		0	Default WFO		Default Loc	\$185,729.08	\$0.00	\$0.00	\$0.00	\$185,729.08
1551	089-X-0309	2020	25400	Operation : DN2010000	C003118	2223180	DN2010000, Proliferation Detection R&D		0	Default WFO		Default Loc	\$0.00	\$0.00	\$595,507.00	\$595,507.00	\$595,507.00
1551	089-X-0309	2020	25400	Operation : DN4000000	C003042	2223096	DN4001030, Safeguards Technology Development		0	Default WFO		Default Loc	\$0.00	\$0.00	\$61,688.72	\$61,688.72	\$61,688.72
1557	089-X-0309	2012	25400	Operation : NN5000000	C001058	2222290	NN5010000, International Contributions UK		0	Default WFO		Default Loc	\$39,192.22	\$0.00	\$0.00	\$0.00	\$39,192.22
1650	089-X-0313 - F	2010	25400	Operation : PS0000000	C001075	2221514	PS0202132, Advisory and Assistance, Diversity Programs		0	Default WFO		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		Default Loc	\$2,021.13	\$0.00	\$0.00	\$0.00	\$2,021.13
1751	089-X-0315	2015	25400	Operation : EZ5000000	C002226	1110981	EZ5012300 - BRNL-0030 Soil and Water Remediation - Brookhave		0	Default WFO		Default Loc	\$47.62	\$0.00	\$0.00	\$0.00	\$47.62
1751	089-X-0315	2013	25400	Operation : EZ5000000	C002226	1110981	EZ5012300 - BRNL-0030 Soil and Water Remediation - Brookhave		0	Default WFO		Default Loc	\$108,184.59	\$0.00	\$0.00	\$0.00	\$108,184.59
1751	089-X-0315	2018	25400	Operation : EZ5000000	C002226	1110983	EZ5012410 - BRNL-0041 Nuclear Facility Decontamination and D		0	Default WFO		Default Loc	\$197,200.35	\$0.00	\$0.00	\$0.00	\$197,200.35
2300	089-X-4180	2019	25400	Operation : ST0000000	C001087	2720714	ST5001020, Brookhaven Linear Isotope Producer BLIP		0	Default WFO		Default Loc	\$350,000.00	\$0.00	\$0.00	\$0.00	\$350,000.00
2300	089-X-4180	2018	25400	Operation : ST0000000	C001087	2924424	ST5001040, Actinium-225 Technology Research and Integration		0	Default WFO		Default Loc	\$795,949.65	\$0.00	\$0.00	\$0.00	\$795,949.65
2300	089-X-4180	2018	32003	Accelerator ST0000000	C001087	2924281	ST6001034, Facility Upgrades		0	Default WF 485395	CHAIP	\$1,466,518.90	\$0.00	\$0.00	\$0.00	\$1,466,518.90	
2300	089-X-4180	2019	25400	Operation : ST0000000	C001087	2720715	ST5001030, Other National Lab Research		0	Default WFO		Default Loc	\$387,993.08	\$0.00	\$200,000.00	\$200,000.00	\$587,993.08
2300	089-X-4180	2019	25400	Operation : ST0000000	C001087	2720718	ST6001020, Brookhaven Linear Isotope Producer BLIP		0	Default WFO		Default Loc	\$569,438.47	\$0.00	\$175,000.00	\$175,000.00	\$744,438.47
2300	089-X-4180	2018	25400	Operation : ST0000000	C001087	2720714	ST5001020, Brookhaven Linear Isotope Producer BLIP		0	Default WFO		Default Loc	\$259,374.42	\$0.00	\$0.00	\$0.00	\$259,374.42
2300	089-X-4180	2019	25400	Operation : ST0000000	C001087	2924306	ST6001031, Production		0	Default WFO		Default Loc	\$5,447,419.38	\$0.00	\$0.00	\$0.00	\$5,447,419.38
2300	089-X-4180	2018	25400	Operation : ST0000000	C001087	2720716	ST5002000, University Research		0	Default WFO		Default Loc	\$10,768.67	\$0.00	\$0.00	\$0.00	\$10,768.67
2300	089-X-4180	2019	25400	Operation : ST0000000	C001087	2924424	ST5001040, Actinium-225 Technology Research and Integration		0	Default WFO		Default Loc	\$323,000.00	\$0.00	\$0.00	\$0.00	\$323,000.00
2300	089-X-4180	2018	25400	Operation : ST0000000	C001087	2924281	ST6001034, Facility Upgrades		0	Default WFO		Default Loc	\$201,258.53	\$0.00	\$0.00	\$0.00	\$201,258.53
2300	089-X-4180	2016	25400	Operation : ST0000000	C001087	2924282	ST6001036, Technical Services		0	Default WFO		Default Loc	\$18,396.78	\$0.00	\$0.00	\$0.00	\$18,396.78
2300	089-X-4180	2019	25400	Operation : ST0000000	C001087	2924280	ST6001032, Hot Cell and Other National Lab Facilities		0	Default WFO		Default Loc	\$1,104,187.68	\$0.00	\$540,000.00	\$540,000.00	\$1,644,187.68

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Fund Code	Fund Code Title	ppropriation 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
5300	089-X-0318 - E 2017		25400	Operation : TE1300000		C002800	3123803	TE1301000, Cyber for Energy Security R&D	0	Default WFO		Default Loc	\$356.54	\$0.00	\$0.00	\$0.00	\$356.54
5300	089-X-0318 - E 2018		25400	Operation : TE1200000		C002799	3123811	TE1205000, Resilient Electric Distribution Grid R&D	0	Default WFO		Default Loc	\$41,767.81	\$0.00	\$0.00	\$0.00	\$41,767.81
5300	089-X-0318 - E 2019		25400	Operation : TE1100000		C002798	3123785	TE1103000, Advanced Modeling Grid Research	0	Default WFO		Default Loc	\$1,400,000.00	\$0.00	\$0.00	\$0.00	\$1,400,000.00
5300	089-X-0318 - E 2016		25400	Operation : TF0000000		C002802	3123796	TF0000000, Transmission Permitting and Technical Assistance	0	Default WFO		Default Loc	\$121.66	\$0.00	\$0.00	\$0.00	\$121.66
5300	089-X-0318 - E 2016		25400	Operation : TE1100000		C002798	3123802	TE1104000, Energy Systems Predictive Capability	0	Default WFO		Default Loc	\$128,941.30	\$0.00	\$0.00	\$0.00	\$128,941.30
5300	089-X-0318 - E 2016		25400	Operation : TE1100000		C002798	3123789	TE1101000, Transmission Reliability & Renewables Integration	0	Default WFO		Default Loc	\$136.88	\$0.00	\$0.00	\$0.00	\$136.88
5300	089-X-0318 - E 2017		25400	Operation : TE1200000		C002799	3123809	TE1203000, Advance Distribution Management System	0	Default WFO		Default Loc	\$621.94	\$0.00	\$0.00	\$0.00	\$621.94
5300	089-X-0318 - E 2017		25400	Operation : TE1400000		C002801	3123795	TE1400000, Energy Storage Research	0	Default WFO		Default Loc	\$260.97	\$0.00	\$0.00	\$0.00	\$260.97
5300	089-X-0318 - E 2016		25400	Operation : TE1200000		C002799	3123812	TE1206000, Advanced Secure Sensors High Fidelity Low Cost	0	Default WFO		Default Loc	\$22.70	\$0.00	\$0.00	\$0.00	\$22.70
5300	089-X-0318 - E 2016		25400	Operation : TE1200000		C002799	3123792	TE1201000, Smart Grid	0	Default WFO		Default Loc	\$2,262.82	\$0.00	\$0.00	\$0.00	\$2,262.82
5300	089-X-0318 - E 2016		25400	Operation : TE1300000		C002800	3123804	TE1302000, Cyber for Energy Security OPS	0	Default WFO		Default Loc	\$200.26	\$0.00	\$0.00	\$0.00	\$200.26
5300	089-X-0318 - E 2016		25400	Operation : TE1300000		C002800	3123815	TE1305000, Virtual Energy Sector Forensics Analysis Platform	0	Default WFO		Default Loc	\$117.37	\$0.00	\$0.00	\$0.00	\$117.37
5300	089-X-0318 - E 2018		25400	Operation : TE1100000		C002798	3123785	TE1103000, Advanced Modeling Grid Research	0	Default WFO		Default Loc	\$264,522.58	\$0.00	\$0.00	\$0.00	\$264,522.58
5300	089-X-0318 - E 2016		25400	Operation : TE1200000		C002799	3123810	TE1204000, Dynamic Controls & Communications	0	Default WFO		Default Loc	\$205.91	\$0.00	\$0.00	\$0.00	\$205.91
5300	089-X-0318 - E 2017		25400	Operation : TE1100000		C002798	3123816	TE1104010, Monitoring and Real-Time Analysis	0	Default WFO		Default Loc	\$12,301.98	\$0.00	\$0.00	\$0.00	\$12,301.98
5350	089-X-0319 2017		25400	Operation : RC0000000		C003241	2720918	RC0424000, ARC International Collaborations	0	Default WFO		Default Loc	\$368.50	\$0.00	\$0.00	\$0.00	\$368.50
5350	089-X-0319 2019		25400	Operation : RC0000000		C003241	2720992	RC0603000, Management and Integration	0	Default WFO		Default Loc	\$8,463.14	\$0.00	\$0.00	\$0.00	\$8,463.14
5350	089-X-0319 2019		25400	Operation : AF5800000		C000822	2720875	AF5832030, Program Assessment & Coordination	0	Default WFO		Default Loc	\$51,000.00	\$0.00	\$0.00	\$0.00	\$51,000.00
5350	089-X-0319 2019		25400	Operation : RC0000000		C003241	2720978	RC0504000, Program Assessment and Coordination	0	Default WFO		Default Loc	\$21,031.64	\$0.00	\$0.00	\$0.00	\$21,031.64
5350	089-X-0319 2018		25400	Operation : AF5800000		C000822	2720875	AF5832030, Program Assessment & Coordination	0	Default WFO		Default Loc	\$352,232.57	\$0.00	\$0.00	\$0.00	\$352,232.57
5350	089-X-0319 2019		25400	Operation : AF5800000		C000822	2720874	AF5832020, Systems Analysis	0	Default WFO		Default Loc	\$43,775.94	\$0.00	\$0.00	\$0.00	\$43,775.94
5350	089-X-0319 2018		25400	Operation : NT0000000		C003240	2720928	NT0503000, Reactor Physics	0	Default WFO		Default Loc	\$129,028.00	\$0.00	\$0.00	\$0.00	\$129,028.00
5350	089-X-0319 2017		25400	Operation : AF5800000		C000822	2720965	AF5861010, Spent Fuel and Waste Disposition Program Manageme	0	Default WFO		Default Loc	\$740.20	\$0.00	\$0.00	\$0.00	\$740.20
5350	089-X-0319 2019		25400	Operation : AF5800000		C000822	2720667	AF5810000, Advanced Fuels Research, Development and Testing	0	Default WFO		Default Loc	\$69,520.80	\$0.00	\$0.00	\$0.00	\$69,520.80
5350	089-X-0319 2019		25400	Operation : NT0000000		C003240	2720882	NT0402000, National Scientific User Facility NSUF Activiti	0	Default WFO		Default Loc	\$465,962.87	\$0.00	\$0.00	\$0.00	\$465,962.87
5350	089-X-0319 2018		25400	Operation : AF5800000		C000822	2720955	AF5832040, Management & Integration	0	Default WFO		Default Loc	\$480,756.06	\$0.00	\$0.00	\$0.00	\$480,756.06
5350	089-X-0319 2017		25400	Operation : AF5800000		C000822	2720625	AF5855000, Fuel Resources R&D	0	Default WFO		Default Loc	\$349.62	\$0.00	\$0.00	\$0.00	\$349.62
5350	089-X-0319 2019		25400	Operation : AF5800000		C000822	2720703	AF5835000, Safeguards	0	Default WFO		Default Loc	\$77,737.45	\$0.00	\$0.00	\$0.00	\$77,737.45
5450	089-X-0321 2018		25400	Operation : GT0000000		C002910	1005623	GT0200000, Low Temperature and Co-produced Rescourc	0	Default WFO		Default Loc	\$4,819.47	\$0.00	\$0.00	\$0.00	\$4,819.47
5450	089-X-0321 2016		25400	Operation : HT0000000		C002796	1009190	HT0100000, Fuel Cell Systems R&D	0	Default WF 302017		TCF Fundin	\$294.34	\$0.00	\$0.00	\$0.00	\$294.34
5450	089-X-0321 2017		25400	Operation : HT0000000		C002796	2223156	HT1100000, Technology Acceleration	0	Default WFO		Default Loc	\$2,577.39	\$0.00	\$0.00	\$0.00	\$2,577.39
5450	089-X-0321 2018		25400	Operation : HT0000000		C002796	1009190	HT0100000, Fuel Cell Systems R&D	0	Default WFO		Default Loc	\$93,487.86	\$0.00	\$0.00	\$0.00	\$93,487.86
5450	089-X-0321 2016		25400	Operation : ED0000000		C000949	1009209	ED2701000, Next Generation Manufacturing	0	Default WFO		Default Loc	\$276,958.14	\$0.00	\$0.00	\$0.00	\$276,958.14
5450	089-X-0321 2014		25400	Operation : BM0000000		C002732	1009218	BM0107000, Biopower	0	Default WFO		Default Loc	\$1,252.09	\$0.00	\$0.00	\$0.00	\$1,252.09
5450	089-X-0321 2019		25400	Operation : GT0000000		C002910	1005623	GT0200000, Low Temperature and Co-produced Rescourc	0	Default WFO		Default Loc	\$950,000.00	\$0.00	\$0.00	\$0.00	\$950,000.00
5450	089-X-0321 2019		25400	Operation : SL0000000		C002911	1005616	SL0300000, Systems Integration Balance of Systems and Power	0	Default WFO		Default Loc	\$123,776.00	\$0.00	\$0.00	\$0.00	\$123,776.00
5450	089-X-0321 2017		25400	Operation : VT0000000		C001096	1005556	VT1301000, Vehicle and System Simulation and Testing - Vehic	0	Default WFO		Default Loc	\$7,401.00	\$0.00	\$0.00	\$0.00	\$7,401.00
5450	089-X-0321 2018		25400	Operation : SL0000000		C002911	1005622	SL0200000, Photovoltaic R&D	0	Default WFO		Default Loc	\$268.16	\$0.00	\$0.00	\$0.00	\$268.16
5450	089-X-0321 2014		25400	Operation : GT0000000		C002910	1005612	GT0100000, Enhanced Geothermal Systems	0	Default WFO		Default Loc	\$6,283.33	\$0.00	\$0.00	\$0.00	\$6,283.33
5450	089-X-0321 2016		25400	Operation : VT0000000		C001096	1005556	VT1301000, Vehicle and System Simulation and Testing - Vehic	0	Default WFO		Default Loc	\$5,774.29	\$0.00	\$0.00	\$0.00	\$5,774.29
5450	089-X-0321 2019		25400	Operation : VT0000000		C001096	1005554	VT1201000, Batteries & Electric Drive Technology - Energy St	0	Default WFO		Default Loc	\$2,180,240.94	\$0.00	\$0.00	\$0.00	\$2,180,240.94
5450	089-X-0321 2016		25400	Operation : PG0000000		C002840	1005604	PG0400000, Innovation & Deployment	0	Default WFO		Default Loc	\$40,972.14	\$0.00	\$0.00	\$0.00	\$40,972.14
5450	089-X-0321 2018		25400	Operation : GT0000000		C002910	1005613	GT0300000, Hydrothermal	0	Default WFO		Default Loc	\$10,301.60	\$0.00	\$0.00	\$0.00	\$10,301.60
5450	089-X-0321 2018		25400	Operation : BT0000000		C000848	1004210	BT0101000, Research and Development	0	Default WFO		Default Loc	\$24,055.38	\$0.00	\$0.00	\$0.00	\$24,055.38
5450	089-X-0321 2017		25400	Operation : SL0000000		C002911	1005616	SL0300000, Systems Integration Balance of Systems and Power	0	Default WFO		Default Loc	\$665,015.61	\$0.00	\$0.00	\$0.00	\$665,015.61
5450	089-X-0321 2019		25400	Operation : HT0000000		C002796	1009190	HT0100000, Fuel Cell Systems R&D	0	Default WFO		Default Loc	\$300,000.00	\$0.00	\$0.00	\$0.00	\$300,000.00
5450	089-X-0321 2018		25400	Operation : SL0000000		C002911	1005616	SL0300000, Systems Integration Balance of Systems and Power	0	Default WFO		Default Loc	\$226,224.00	\$0.00	\$0.00	\$0.00	\$226,224.00
5450	089-X-0321 2018		25400	Operation : BT0000000		C000848	1004219	BT0304030, Buildings-to-Grid	0	Default WFO		Default Loc	\$355,633.31	\$0.00	\$0.00	\$0.00	\$355,633.31

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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
5489	089-16/17-03	2016	25400	Operation	456100000	C003005	6600073	456140358, Other Federal Agencies	4861011	CHAGRGXC 302027	OTT 16-17		\$32,628.12	\$0.00	\$0.00	\$0.00	\$32,628.12
5498	089-X-0321	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860966	CHAGR873 0	Default Loc		\$11,618.24	\$0.00	\$0.00	\$0.00	\$11,618.24
5499	089-X-0321	2014	25400	Operation	456100000	C003005	6600072	456140357, Department of State - Other	3012882	CRAGR 1930	Default Loc		\$638.50	\$0.00	\$0.00	\$0.00	\$638.50
5499	089-X-0321	2016	25400	Operation	456100000	C003005	6600072	456140357, Department of State - Other	3012199	CRAGR-S-C0	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	3011110	CRAGRS-OI0	Default Loc		\$45.77	\$0.00	\$0.00	\$0.00	\$45.77
5900	089X2250 Cyt	2019	25400	Operation	TG0000000	C003224	4219019	TG0104020, Crosscut ? Energy Security & Emergency Response	0	Default WFO	Default Loc		\$56,506.00	\$0.00	\$0.00	\$0.00	\$56,506.00
6600	089X0337	2014	25400	Operation	CJ0100000	C002599	3166012	CJ0100000, ARPA-E Projects	0	Default WF 1250	CHARPA-0C		\$207.88	\$0.00	\$0.00	\$0.00	\$207.88
6600	089X0337	2014	25400	Operation	CJ0100000	C002599	3166012	CJ0100000, ARPA-E Projects	0	Default WF 1249	CHARPA-0C		\$1,392.09	\$0.00	\$0.00	\$0.00	\$1,392.09
6600	089X0337	2017	25400	Operation	CJ0100000	C002599	3166012	CJ0100000, ARPA-E Projects	0	Default WF 1352	ARPA-E Lat		\$142,701.78	\$0.00	\$0.00	\$0.00	\$142,701.78
6600	089X0337	2014	25400	Operation	CJ0100000	C002599	3166012	CJ0100000, ARPA-E Projects	0	Default WFO	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 WF 1314	ARPA-E Lat		\$90,742.79	\$0.00	\$0.00	\$0.00	\$90,742.79
6632	089-19/20-03	2019	25400	Operation	CJ0200000	C002600	3166013	CJ0200000, Program Direction	0	Default WFO	Default Loc		\$5,000.00	\$0.00	\$0.00	\$0.00	\$5,000.00

<b>Non-Appropriated Total</b>													<b>\$35,144,833.92</b>	<b>\$0.00</b>	<b>\$470,768.96</b>	<b>\$470,768.96</b>	<b>\$35,615,602.88</b>
<b>Other Federal Agency Total</b>													<b>\$45,022,130.19</b>	<b>\$0.00</b>	<b>\$61,056.55</b>	<b>\$61,056.55</b>	<b>\$45,083,186.74</b>
<b>DOE Appropriated Total</b>													<b>\$308,853,471.92</b>	<b>\$0.00</b>	<b>\$72,925,199.12</b>	<b>\$72,925,199.12</b>	<b>\$381,778,671.04</b>

<b>SF-30 Total</b>													<b>\$389,020,436.03</b>	<b>\$0.00</b>	<b>\$73,457,024.63</b>	<b>\$73,457,024.63</b>	<b>\$462,477,460.66</b>
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<b>FPDS-NG Total [Action Obligation]</b>																	<b>\$72,986,255.67</b>
<b>FPDS-NG Total [Base And Exercised Options Value]</b>																	<b>\$73,457,024.63</b>
<b>FPDS-NG Total [Base And All Options Value]</b>																	<b>\$73,457,024.63</b>

Agency Sub-Report

Agency	Obligation Change Amount
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Agency for International Development	61,056.55
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Work for Others Funds Associated with Federal Agencies:	61,056.55
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Total DOE Funds:	72,925,199.12
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Total Non-Appropriated Funds:	470,768.96
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Grand Total:	73,457,024.63