BROOKHAVEN NATIONAL LABORATORY
CONTRACT MOD # 0146 [July SPP & Financial]
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 - Fossil Energy Research and Development (FER	2018	25400	Operation	AA6000000	C002841	1611272	AA6070000, Transformative	0	Default \	302017	TCF Fundir	$488,763.00	$0.00	$0.00	$0.00	$488,763.00
150	089-X-0213 - Fossil Energy Research and Development (FER	2017	25400	Operation	AA6000000	C002841	1611051	AA6010000, Advanced Com	0	Default \	302017	TCF Fundir	$121,207.00	$0.00	$0.00	$0.00	$121,207.00
150	089-X-0213 - Fossil Energy Research and Development (FER	2016	25400	Operation	AA6000000	C002841	1611051	AA6010000, Advanced Com	0	Default \	302017	TCF Fundir	$70,469.99	$0.00	$0.00	$0.00	$70,469.99
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KA0000000	C002852	2924336	KA2202090, Other Facilities	0	Default \	0	Default Lo	$0.00	$385,000.00	$0.00	$385,000.00	$385,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KA0000000	C002852	2924314	KA2101030, University Serv	0	Default \	0	Default Lo	$0.00	$0.00	$49,000.00	$49,000.00	$49,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KP0000000	C001024	2924209	KP1605010, Structural Biolo	0	Default \	0	Default Lo	$2,500,000.00	$0.00	$0.00	$0.00	$2,500,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KC0000000	C002853	2924472	KC0201070, X-Ray Scatterin	0	Default \	0	Default Lo	$0.00	$1,700,000.00	$0.00	$1,700,000.00	$1,700,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KP0000000	C001024	2924462	KP1703040, DO NOT USE!!!	0	Default \	0	Default Lo	$1,392,000.00	$0.00	$0.00	$0.00	$1,392,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KP0000000	C001024	2924204	KP1601050, Bioenergy Rese	0	Default \	0	Default Lo	$0.00	$1,308,000.00	$0.00	$1,308,000.00	$1,308,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KL0000000	C001021	2924406	KL1001000, Science Underg	0	Default \	0	Default Lo	$513,683.24	$0.00	$0.00	$0.00	$513,683.24
500	089-X-0222 - Science Primary Fund (was WA)	2017	31001	Major Iten	KA0000000	C002852	2924320	KA2103011, MIE	0	Default \	485486	CHEQUMIE	$8,396,292.02	-$3,590,000.00	$0.00	-$3,590,000.00	$4,806,292.02
500	089-X-0222 - Science Primary Fund (was WA)	2018	32001	Constructi	39KG01000	C003087	2924481	39KG01000PRN17SC73000	0	Default \	0	Default Lo	$29,414,962.47	$0.00	$0.00	$0.00	$29,414,962.47
500	089-X-0222 - Science Primary Fund (was WA)	2017	25400	Operation	KC0000000	C002853	2923775	KC0202030, DO NOT USE!!!	0	Default \	0	Default Lo	$20,429.34	-$3,443.80	$0.00	-$3,443.80	$16,985.54
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KA0000000	C002852	2924366	KA2501012, National Labor	0	Default \	0	Default Lo	$0.00	$216,600.00	$0.00	$216,600.00	$216,600.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KP0000000	C001024	2924514	KP1606010, DO NOT USE!!!	0	Default \	0	Default Lo	$2,300,000.00	$0.00	$0.00	$0.00	$2,300,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2017	25400	Operation	KJ0000000	C001018	2924476	KJ0403010, Computational	0	Default \	0	Default Lo	$364,107.69	$0.00	$0.00	$0.00	$364,107.69
500	089-X-0222 - Science Primary Fund (was WA)	2018	32003	Accelerato	KC0000000	C002853	2924233	KC0401040, National Synch	0	Default \	485395	CHAIP	$3,300,000.00	$0.00	$0.00	$0.00	$3,300,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2016	25400	Operation	KA0000000	C002852	2924369	KA2501022, Muon Accelera	0	Default \	0	Default Lo	$274,718.92	-$200,000.00	$0.00	-$200,000.00	$74,718.92
500	089-X-0222 - Science Primary Fund (was WA)	2017	25400	Operation	KC0000000	C002853	2923774	KC0202020, DO NOT USE!!!	0	Default \	0	Default Lo	$23,536.89	-$154.66	$0.00	-$154.66	$23,382.23
500	089-X-0222 - Science Primary Fund (was WA)	2017	25400	Operation	KP0000000	C001024	2924203	KP1601040, Computational	0	Default \	0	Default Lo	$23,025.11	$0.00	$0.00	$0.00	$23,025.11
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	FS1000000	C000984	2923656	FS1006000, Personnel Secu	0	Default \	0	Default Lo	$17,935.90	$0.00	$0.00	$0.00	$17,935.90
500	089-X-0222 - Science Primary Fund (was WA)	2011	31003	Other Equi	KC0000000	C002853	3023325	KC0203020, Synthesis and F	0	Default \	485396	CHEQU	$2,515.98	-$2,515.98	$0.00	-$2,515.98	$0.00
500	089-X-0222 - Science Primary Fund (was WA)	2014	25400	Operation	KA0000000	C002852	2923681	KA1102812, Proton Facilitie	0	Default \	0	Default Lo	$433,221.38	$0.00	$0.00	$0.00	$433,221.38
500	089-X-0222 - Science Primary Fund (was WA)	2017	25400	Operation	KL0000000	C001021	2924414	KL1500000, Outreach	0	Default \	0	Default Lo	$11,842.58	$0.00	$0.00	$0.00	$11,842.58
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KJ0000000	C001018	2924476	KJ0403010, Computational	0	Default \	0	Default Lo	$246,000.00	$0.00	$0.00	$0.00	$246,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KC0000000	C002853	2923769	KC0201010, Structure Of M	0	Default \	0	Default Lo	$1,768,712.78	$0.00	$0.00	$0.00	$1,768,712.78
500	089-X-0222 - Science Primary Fund (was WA)	2019	31003	Other Equi	KC0000000	C002853	2924242	KC0403020, Center for Func	0	Default \	485396	CHEQU	$0.00	$3,385,000.00	$0.00	$3,385,000.00	$3,385,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2017	25400	Operation	KA0000000	C002852	2924317	KA2102021, ATLAS Detector	0	Default \	0	Default Lo	$0.00	$3,590,000.00	$0.00	$3,590,000.00	$3,590,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KJ0000000	C001018	2924134	KJ0401000, Applied Mather	0	Default \	0	Default Lo	$0.00	$400,000.00	$0.00	$400,000.00	$400,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KB0000000	C001009	2923721	KB0101022, Medium Energy	0	Default \	0	Default Lo	$0.00	$2,152,000.00	$250,000.00	$2,402,000.00	$2,402,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KB0000000	C001009	2923746	KB0301020, Theory, Nation	0	Default \	0	Default Lo	$0.00	$3,313,000.00	$0.00	$3,313,000.00	$3,313,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KL0000000	C001021	2924408	KL1003000, Visiting Faculty	0	Default \	0	Default Lo	$367,175.51	$0.00	$0.00	$0.00	$367,175.51
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KC0000000	C002853	2924447	KC0213010, Computational	0	Default \	0	Default Lo	$2,875,000.00	$0.00	$0.00	$0.00	$2,875,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KL0000000	C001021	2924407	KL1002000, Community Col	0	Default \	0	Default Lo	$0.00	$130,000.00	$0.00	$130,000.00	$130,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KA0000000	C002852	2924317	KA2102021, ATLAS Detector	0	Default \	0	Default Lo	$0.00	$23,416,000.00	$0.00	$23,416,000.00	$23,416,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KA0000000	C002852	2924319	KA2102090, Other Facilities	0	Default \	0	Default Lo	$159,687.08	$0.00	$0.00	$0.00	$159,687.08
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KA0000000	C002852	2924313	KA2101020, National Labor	0	Default \	0	Default Lo	$0.00	$5,300,000.00	$0.00	$5,300,000.00	$5,300,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KP0000000	C001024	2924203	KP1601040, Computational	0	Default \	0	Default Lo	$470,000.00	$0.00	$0.00	$0.00	$470,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KA0000000	C002852	2924328	KA2202010, Experimental C	0	Default \	0	Default Lo	$0.00	$2,850,000.00	$0.00	$2,850,000.00	$2,850,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2017	25400	Operation	KA0000000	C002852	2924382	KA2602010, Accelerator Op	0	Default \	0	Default Lo	$2,088.07	$0.00	$0.00	$0.00	$2,088.07
500	089-X-0222 - Science Primary Fund (was WA)	2017	25400	Operation	KB0000000	C001009	2923752	KB0301052, Theory, SciDAC	0	Default \	0	Default Lo	$203,265.87	$0.00	$0.00	$0.00	$203,265.87
500	089-X-0222 - Science Primary Fund (was WA)	2016	25400	Operation	KA0000000	C002852	2924380	KA2601020, National Labor	0	Default \	0	Default Lo	$0.00	$200,000.00	$0.00	$200,000.00	$200,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2017	25400	Operation	KC0000000	C002853	2924295	KC0202050, Physical Behavi	0	Default \	0	Default Lo	$11,184.97	-$4,911.21	$0.00	-$4,911.21	$6,273.76
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KP0000000	C001024	2924200	KP1601010, Foundational G	0	Default \	0	Default Lo	$1,737,000.00	$0.00	$0.00	$0.00	$1,737,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KA0000000	C002852	2924496	KA2602020, Accelerator Tes	0	Default \	0	Default Lo	$386,964.47	$0.00	$0.00	$0.00	$386,964.47
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KC0000000	C002853	2924405	KC0201060, Neutron and X-	0	Default \	0	Default Lo	$1,237,103.30	$0.00	$0.00	$0.00	$1,237,103.30
500	089-X-0222 - Science Primary Fund (was WA)	2017	25400	Operation	KA0000000	C002852	2924366	KA2501012, National Labor	0	Default \	0	Default Lo	$257.97	-$257.97	$0.00	-$257.97	$0.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KA0000000	C002852	2924317	KA2102021, ATLAS Detector	0	Default \	0	Default Lo	$10,318,802.13	-$629,138.39	$0.00	-$629,138.39	$9,689,663.74
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	FS1000000	C000984	2923654	FS1004000, Information Sec	0	Default \	0	Default Lo	$215,192.50	$0.00	$0.00	$0.00	$215,192.50
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KA0000000	C002852	2924380	KA2601020, National Labor	0	Default \	0	Default Lo	$412,656.07	$0.00	$0.00	$0.00	$412,656.07
500	089-X-0222 - Science Primary Fund (was WA)	2018	31003	Other Equi	KC0000000	C002853	2924242	KC0403020, Center for Func	0	Default \	485396	CHEQU	$1,844,459.15	$1,815,000.00	$0.00	$1,815,000.00	$3,659,459.15
500	089-X-0222 - Science Primary Fund (was WA)	2017	25400	Operation	KC0000000	C002853	2924447	KC0213010, Computational	0	Default \	0	Default Lo	$1,955,071.95	$0.00	$0.00	$0.00	$1,955,071.95
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KP0000000	C001024	2924211	KP1701000, Atmospheric Sy	0	Default \	0	Default Lo	$1,384,481.22	$0.00	$0.00	$0.00	$1,384,481.22

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500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KA0000000	C002852	2924357	KA2401021, Scientific Disco	0	Default \	0	Default Lo	$0.00	$190,000.00	$0.00	$190,000.00	$190,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KC0000000	C002853	2923769	KC0201010, Structure Of M	0	Default \	0	Default Lo	$0.00	$3,519,000.00	$500,000.00	$4,019,000.00	$4,019,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	FS1000000	C000984	2923655	FS1005000, Cyber Security	0	Default \	0	Default Lo	$0.00	$3,151,000.00	$221,000.00	$3,372,000.00	$3,372,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KA0000000	C002852	2924496	KA2602020, Accelerator Tes	0	Default \	0	Default Lo	$0.00	$4,389,000.00	$423,000.00	$4,812,000.00	$4,812,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KC0000000	C002853	2923807	KC0302010, Chemical Energ	0	Default \	0	Default Lo	$0.00	$3,606,000.00	$500,000.00	$4,106,000.00	$4,106,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2017	25400	Operation	KA0000000	C002852	2924357	KA2401021, Scientific Disco	0	Default \	0	Default Lo	$110,074.05	$0.00	$0.00	$0.00	$110,074.05
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KA0000000	C002852	2924346	KA2301020, National Labor	0	Default \	0	Default Lo	$0.00	$1,200,000.00	$0.00	$1,200,000.00	$1,200,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KJ0000000	C001018	2924134	KJ0401000, Applied Mather	0	Default \	0	Default Lo	$400,000.00	$0.00	$0.00	$0.00	$400,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	FS1000000	C000984	2923655	FS1005000, Cyber Security	0	Default \	0	Default Lo	$2,856,948.29	$0.00	$0.00	$0.00	$2,856,948.29
500	089-X-0222 - Science Primary Fund (was WA)	2019	31001	Major Iten	KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHI	0	Default \	485499	CHEQUMIE	$0.00	$5,310,000.00	$0.00	$5,310,000.00	$5,310,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KJ0000000	C001018	2924516	KJ0403040, Computational	0	Default \	0	Default Lo	$0.00	$165,000.00	$0.00	$165,000.00	$165,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KA0000000	C002852	2924489	KA2401032, QIS Research -	0	Default \	0	Default Lo	$85,000.00	$0.00	$0.00	$0.00	$85,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KA0000000	C002852	2924358	KA2401022, Scientific Comp	0	Default \	0	Default Lo	$268,446.75	$0.00	$0.00	$0.00	$268,446.75
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KB0000000	C001009	2923733	KB0201021, Heavy Ion, RHI	0	Default \	0	Default Lo	$0.00	$6,580,000.00	$0.00	$6,580,000.00	$6,580,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KL0000000	C001021	2924406	KL1001000, Science Underg	0	Default \	0	Default Lo	$0.00	$1,682,000.00	$0.00	$1,682,000.00	$1,682,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KA0000000	C002852	2924336	KA2202090, Other Facilities	0	Default \	0	Default Lo	$211,653.22	$0.00	$0.00	$0.00	$211,653.22
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KA0000000	C002852	2924314	KA2101030, University Serv	0	Default \	0	Default Lo	$369,578.86	$0.00	$0.00	$0.00	$369,578.86
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KC0000000	C002853	2924193	KC0307010, Energy Frontier	0	Default \	0	Default Lo	$1,812,764.94	$0.00	$0.00	$0.00	$1,812,764.94
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KP0000000	C001024	2924995	KP1703000, Earth and Envir	0	Default \	0	Default Lo	$0.00	$441,000.00	$0.00	$441,000.00	$441,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KC0000000	C002853	2924504	KC0202021, Experimental C	0	Default \	0	Default Lo	$2,441,794.24	$0.00	$0.00	$0.00	$2,441,794.24
500	089-X-0222 - Science Primary Fund (was WA)	2017	25400	Operation	KJ0000000	C001018	2924137	KJ0404000, Next Generatio	0	Default \	0	Default Lo	$249,396.49	$0.00	$0.00	$0.00	$249,396.49
500	089-X-0222 - Science Primary Fund (was WA)	2015	25400	Operation	KP0000000	C001024	2924417	KP1606000, Mesoscale to M	0	Default \	0	Default Lo	$209,151.43	$0.00	$0.00	$0.00	$209,151.43
500	089-X-0222 - Science Primary Fund (was WA)	2017	32003	Accelerato	KC0000000	C002853	2924233	KC0401040, National Synch	0	Default \	485395	CHAIP	$331,483.16	$0.00	$0.00	$0.00	$331,483.16
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KA0000000	C002852	2924346	KA2301020, National Labor	0	Default \	0	Default Lo	$642,490.45	$0.00	$0.00	$0.00	$642,490.45
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KB0000000	C001009	2923752	KB0301052, Theory, SciDAC	0	Default \	0	Default Lo	$352,000.00	$0.00	$0.00	$0.00	$352,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHI	0	Default \	0	Default Lo	$15,617,704.64	$0.00	$0.00	$0.00	$15,617,704.64
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KC0000000	C002853	2923807	KC0302010, Chemical Energ	0	Default \	0	Default Lo	$2,035,609.08	$0.00	$0.00	$0.00	$2,035,609.08
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KC0000000	C002853	2924233	KC0401040, National Synch	0	Default \	0	Default Lo	$27,601,557.94	$1.61	$0.00	$1.61	$27,601,559.55
500	089-X-0222 - Science Primary Fund (was WA)	2017	32003	Accelerato	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHI	0	Default \	485395	CHAIP	$1,170,117.68	$0.00	$0.00	$0.00	$1,170,117.68
500	089-X-0222 - Science Primary Fund (was WA)	2005	25400	Operation	KA0000000	C002852	2923681	KA1102812, Proton Facilitie	0	Default \	0	Default Lo	$108,955.69	-$629,138.39	$0.00	-$629,138.39	-$520,182.70
500	089-X-0222 - Science Primary Fund (was WA)	2019	32003	Accelerato	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHI	0	Default \	485395	CHAIP	$0.00	$4,513,000.00	$0.00	$4,513,000.00	$4,513,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	31003	Other Equi	KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHI	0	Default \	485396	CHEQU	$0.00	$1,456,000.00	$0.00	$1,456,000.00	$1,456,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KP0000000	C001024	2924203	KP1601040, Computational	0	Default \	0	Default Lo	$0.00	$330,000.00	$0.00	$330,000.00	$330,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2016	25400	Operation	FS1000000	C000984	2923655	FS1005000, Cyber Security	0	Default \	0	Default Lo	$0.00	$508,268.60	$0.00	$508,268.60	$508,268.60
500	089-X-0222 - Science Primary Fund (was WA)	2017	25400	Operation	KC0000000	C002853	2923809	KC0302030, Heavy Element	0	Default \	0	Default Lo	$1,985.20	-$1,985.20	$0.00	-$1,985.20	$0.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KA0000000	C002852	2924358	KA2401022, Scientific Comp	0	Default \	0	Default Lo	$0.00	$300,000.00	$50,000.00	$350,000.00	$350,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	FS1000000	C000984	2923654	FS1004000, Information Sec	0	Default \	0	Default Lo	$0.00	$399,000.00	$1,603.00	$400,603.00	$400,603.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	FS1000000	C000984	2923658	FS1009000, Program Manag	0	Default \	0	Default Lo	$0.00	$697,000.00	$49,000.00	$746,000.00	$746,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	32001	Constructi	39KA00000	C002786	2924263	39KA00000PRN11SC40000,	0	Default \	0	Default Lo	$0.00	$2,250,000.00	$750,000.00	$3,000,000.00	$3,000,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KC0000000	C002853	2924421	KC0406030, Long Term Surv	0	Default \	0	Default Lo	$1,261,148.79	$0.00	$0.00	$0.00	$1,261,148.79
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHI	0	Default \	0	Default Lo	$0.00	$42,377,076.00	$0.00	$42,377,076.00	$42,377,076.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KA0000000	C002852	2924366	KA2501012, National Labor	0	Default \	0	Default Lo	$20,000.00	$0.00	$0.00	$0.00	$20,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KA0000000	C002852	2924489	KA2401032, QIS Research -	0	Default \	0	Default Lo	$0.00	$167,350.00	$0.00	$167,350.00	$167,350.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KA0000000	C002852	2924355	KA2401012, National Labor	0	Default \	0	Default Lo	$0.00	$3,200,000.00	$0.00	$3,200,000.00	$3,200,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KJ0000000	C001018	2924474	KJ0402010, Computer Scien	0	Default \	0	Default Lo	$1,039,403.14	$0.00	$0.00	$0.00	$1,039,403.14
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	FS1000000	C000984	2923657	FS1007000, Material Contro	0	Default \	0	Default Lo	$602,807.81	$0.00	$0.00	$0.00	$602,807.81
500	089-X-0222 - Science Primary Fund (was WA)	2018	32003	Accelerato	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHI	0	Default \	485395	CHAIP	$2,440,000.00	$0.00	$0.00	$0.00	$2,440,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	31001	Major Iten	KA0000000	C002852	2924320	KA2103011, MIE	0	Default \	485496	CHEQUMIE	$0.00	$6,889,000.00	$0.00	$6,889,000.00	$6,889,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	FS1000000	C000984	2923658	FS1009000, Program Manag	0	Default \	0	Default Lo	$271,152.11	$0.00	$0.00	$0.00	$271,152.11
500	089-X-0222 - Science Primary Fund (was WA)	2018	32003	Accelerato	KA0000000	C002852	2924496	KA2602020, Accelerator Tes	0	Default \	485395	CHAIP	$81,894.40	$0.00	$0.00	$0.00	$81,894.40
500	089-X-0222 - Science Primary Fund (was WA)	2014	25400	Operation	KB0000000	C001009	2923728	KB0181012, Nuclear Physics	0	Default \	0	Default Lo	$34,228.17	$0.00	$0.00	$0.00	$34,228.17
500	089-X-0222 - Science Primary Fund (was WA)	2018	31001	Major Iten	KA0000000	C002852	2924320	KA2103011, MIE	0	Default \	485496	CHEQUMIE	$733,031.10	$149,003.38	$0.00	$149,003.38	$882,034.48
500	089-X-0222 - Science Primary Fund (was WA)	2017	25400	Operation	KA0000000	C002852	2924363	KA2403013, Other Projects	0	Default \	0	Default Lo	$154,484.87	$0.00	$0.00	$0.00	$154,484.87

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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 - Science Primary Fund (was WA)	2019	31003	Other Equi	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHI	0	Default \	485396	CHEQU	$0.00	$1,849,000.00	$0.00	$1,849,000.00	$1,849,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KA0000000	C002852	2924356	KA2401019, Other Research	0	Default \	0	Default Lo	$0.00	$1,698,000.00	$0.00	$1,698,000.00	$1,698,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KC0000000	C002853	2924504	KC0202021, Experimental C	0	Default \	0	Default Lo	$0.00	$2,139,000.00	$500,000.00	$2,639,000.00	$2,639,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KC0000000	C002853	2924193	KC0307010, Energy Frontier	0	Default \	0	Default Lo	$0.00	$0.00	$2,087,130.00	$2,087,130.00	$2,087,130.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	32001	Constructi	39KG01000	C003087	2924481	39KG01000PRN17SC73000	0	Default \	0	Default Lo	$0.00	$37,879,007.00	$4,320,993.00	$42,200,000.00	$42,200,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KB0000000	C001009	2923749	KB0301042, Theory, Nuclea	0	Default \	0	Default Lo	$0.00	$3,958,000.00	$0.00	$3,958,000.00	$3,958,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KA0000000	C002852	2924368	KA2501021, LHC Accelerato	0	Default \	0	Default Lo	$38,519.35	$0.00	$0.00	$0.00	$38,519.35
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KL0000000	C001021	2924407	KL1002000, Community Col	0	Default \	0	Default Lo	$105,987.27	$0.00	$0.00	$0.00	$105,987.27
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KC0000000	C002853	3023325	KC0203020, Synthesis and F	0	Default \	0	Default Lo	$0.00	$1,652,000.00	$0.00	$1,652,000.00	$1,652,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KC0000000	C002853	2924506	KC0202031, Theoretical Cor	0	Default \	0	Default Lo	$0.00	$1,958,000.00	$0.00	$1,958,000.00	$1,958,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KA0000000	C002852	2923681	KA1102812, Proton Facilitie	0	Default \	0	Default Lo	$0.00	$629,138.39	$0.00	$629,138.39	$629,138.39
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KP0000000	C001024	2924211	KP1701000, Atmospheric Sy	0	Default \	0	Default Lo	$0.00	$5,007,000.00	$0.00	$5,007,000.00	$5,007,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	31003	Other Equi	KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHI	0	Default \	485396	CHEQU	$1,200,000.00	$0.00	$0.00	$0.00	$1,200,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2016	25400	Operation	KP0000000	C001024	2924205	KP1602010, Radiochemistry	0	Default \	0	Default Lo	$3,933.57	$0.00	$0.00	$0.00	$3,933.57
500	089-X-0222 - Science Primary Fund (was WA)	2018	31003	Other Equi	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHI	0	Default \	485396	CHEQU	$824,000.00	$0.00	$0.00	$0.00	$824,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KC0000000	C002853	2924242	KC0403020, Center for Func	0	Default \	0	Default Lo	$13,073,045.43	-$1,815,000.00	$0.00	-$1,815,000.00	$11,258,045.43
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KA0000000	C002852	2924328	KA2202010, Experimental C	0	Default \	0	Default Lo	$629,218.57	$0.00	$0.00	$0.00	$629,218.57
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KP0000000	C001024	2924204	KP1601050, Bioenergy Rese	0	Default \	0	Default Lo	$405,645.66	$0.00	$0.00	$0.00	$405,645.66
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KA0000000	C002852	2924371	KA2501032, National Labor	0	Default \	0	Default Lo	$0.00	$1,300,000.00	$0.00	$1,300,000.00	$1,300,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	32001	Constructi	39KG01000	C003227	2924984	39KG01000PRN19SC71000,	0	Default \	0	Default Lo	$0.00	$7,000,000.00	$0.00	$7,000,000.00	$7,000,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2014	25400	Operation	KC0000000	C002853	2923794	KC0281013, BNL-NSLS	0	Default \	0	Default Lo	$165,193.55	$0.00	$0.00	$0.00	$165,193.55
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	FS1000000	C000984	2923652	FS1001000, Protective Forc	0	Default \	0	Default Lo	$0.00	$6,790,000.00	$510,397.00	$7,300,397.00	$7,300,397.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KP0000000	C001024	2924216	KP1703020, DO NOT USE!!!	0	Default \	0	Default Lo	$326,000.00	$0.00	$0.00	$0.00	$326,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	32002	General Pl	KG0700000	C002925	2924416	KG0701000, Facilities and Ir	0	Default \	0	Default Lo	$13,362,668.03	$0.00	$0.00	$0.00	$13,362,668.03
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KP0000000	C001024	2924993	KP1607010, Biomolecular C	0	Default \	0	Default Lo	$0.00	$3,750,000.00	$0.00	$3,750,000.00	$3,750,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2017	32003	Accelerato	KA0000000	C002852	2924382	KA2602010, Accelerator Op	0	Default \	485395	CHAIP	$304,031.06	$0.00	$0.00	$0.00	$304,031.06
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KC0000000	C002853	2923803	KC0301020, DO NOT USE!!!	0	Default \	0	Default Lo	$35,761.30	-$31.92	$0.00	-$31.92	$35,729.38
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KC0000000	C002853	2924305	KC0406020, Accelerator and	0	Default \	0	Default Lo	$800,000.00	-$2,498.41	$0.00	-$2,498.41	$797,501.59
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KC0000000	C002853	2924242	KC0403020, Center for Func	0	Default \	0	Default Lo	$0.00	$20,331,000.00	$0.00	$20,331,000.00	$20,331,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KJ0000000	C001018	2924516	KJ0403040, Computational	0	Default \	0	Default Lo	$129,655.71	$0.00	$0.00	$0.00	$129,655.71
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KC0000000	C002853	2925000	KC0304031, Solar Photoche	0	Default \	0	Default Lo	$0.00	$5,850,000.00	$0.00	$5,850,000.00	$5,850,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KB0000000	C001009	2924156	KB0201052, Heavy Ion Acce	0	Default \	0	Default Lo	$101,000.00	$0.00	$0.00	$0.00	$101,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	FS1000000	C000984	2923653	FS1002000, Security System	0	Default \	0	Default Lo	$349,650.54	$0.00	$0.00	$0.00	$349,650.54
500	089-X-0222 - Science Primary Fund (was WA)	2017	25400	Operation	KC0000000	C002853	2924305	KC0406020, Accelerator and	0	Default \	0	Default Lo	$117,489.73	$0.00	$0.00	$0.00	$117,489.73
500	089-X-0222 - Science Primary Fund (was WA)	2017	25400	Operation	KP0000000	C001024	2924462	KP1703040, DO NOT USE!!!	0	Default \	0	Default Lo	$416,307.62	$0.00	$0.00	$0.00	$416,307.62
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	FS1000000	C000984	2923652	FS1001000, Protective Forc	0	Default \	0	Default Lo	$883,599.74	$0.00	$0.00	$0.00	$883,599.74
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KC0000000	C002853	2924294	KC0202040, Mechanical Bel	0	Default \	0	Default Lo	$22,642.43	$0.00	$0.00	$0.00	$22,642.43
500	089-X-0222 - Science Primary Fund (was WA)	2015	25400	Operation	KC0000000	C002853	2924232	KC0401030, National Synch	0	Default \	0	Default Lo	$0.65	-$216.47	$0.00	-$216.47	-$215.82
500	089-X-0222 - Science Primary Fund (was WA)	2017	25400	Operation	KP0000000	C001024	2924209	KP1605010, Structural Biolo	0	Default \	0	Default Lo	$583,204.96	$0.00	$0.00	$0.00	$583,204.96
500	089-X-0222 - Science Primary Fund (was WA)	2017	25400	Operation	KA0000000	C002852	2924369	KA2501022, Muon Accelera	0	Default \	0	Default Lo	$250,000.00	-$250,000.00	$0.00	-$250,000.00	$0.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KA0000000	C002852	2924313	KA2101020, National Labor	0	Default \	0	Default Lo	$2,784,398.80	$0.00	$0.00	$0.00	$2,784,398.80
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KC0000000	C002853	2924305	KC0406020, Accelerator and	0	Default \	0	Default Lo	$0.00	$800,000.00	$0.00	$800,000.00	$800,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	FS1000000	C000984	2923653	FS1002000, Security System	0	Default \	0	Default Lo	$0.00	$839,000.00	$57,000.00	$896,000.00	$896,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KA0000000	C002852	2924380	KA2601020, National Labor	0	Default \	0	Default Lo	$0.00	$0.00	$850,000.00	$850,000.00	$850,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	FS1000000	C000984	2923657	FS1007000, Material Contro	0	Default \	0	Default Lo	$0.00	$662,000.00	$47,000.00	$709,000.00	$709,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KB0000000	C001009	2923752	KB0301052, Theory, SciDAC	0	Default \	0	Default Lo	$0.00	$0.00	$347,000.00	$347,000.00	$347,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KC0000000	C002853	2924192	KC0207010, Energy Frontier	0	Default \	0	Default Lo	$0.00	$0.00	$1,315,000.00	$1,315,000.00	$1,315,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	FS1000000	C000984	2923656	FS1006000, Personnel Secu	0	Default \	0	Default Lo	$0.00	$550,000.00	$39,000.00	$589,000.00	$589,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KB0000000	C001009	2923755	KB0401022, Low Energy, Ot	0	Default \	0	Default Lo	$0.00	$221,000.00	$20,000.00	$241,000.00	$241,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KA0000000	C002852	2924325	KA2201020, National Labor	0	Default \	0	Default Lo	$0.00	$5,331,000.00	$25,000.00	$5,356,000.00	$5,356,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KC0000000	C002853	2924472	KC0201070, X-Ray Scatterin	0	Default \	0	Default Lo	$1,768,978.04	$0.00	$0.00	$0.00	$1,768,978.04
500	089-X-0222 - Science Primary Fund (was WA)	2018	31001	Major Iter	KA0000000	C002852	2924350	KA2303011, MIE	0	Default \	4809008	CHEQUMI	$1,396,835.40	$250,000.00	$0.00	$250,000.00	$1,646,835.40
500	089-X-0222 - Science Primary Fund (was WA)	2011	25400	Operation	KP0000000	C001024	2924206	KP1602020, Radiobiology	0	Default \	0	Default Lo	$5,187.28	$0.00	$0.00	$0.00	$5,187.28

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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 - Science Primary Fund (was WA)	2017	25400	Operation	KP0000000	C001024	2924200	KP1601010, Foundational G	0	Default \	0	Default Lo	$2,061,441.13	$0.00	$0.00	$0.00	$2,061,441.13
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KA0000000	C002852	2924371	KA2501032, National Labor	0	Default \	0	Default Lo	$1,007,519.74	-$6.20	$0.00	-$6.20	$1,007,513.54
500	089-X-0222 - Science Primary Fund (was WA)	2015	25400	Operation	KA0000000	C002852	2924313	KA2101020, National Labor	0	Default \	485474	CHOPEMIE	$28,201.08	$0.00	$0.00	$0.00	$28,201.08
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHI	0	Default \	0	Default Lo	$0.00	$136,266,000.00	$0.00	$136,266,000.00	$136,266,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KC0000000	C002853	2924192	KC0207010, Energy Frontier	0	Default \	0	Default Lo	$1,490,000.00	$0.00	$0.00	$0.00	$1,490,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KC0000000	C002853	2924405	KC0201060, Neutron and X-	0	Default \	0	Default Lo	$0.00	$3,100,000.00	$0.00	$3,100,000.00	$3,100,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KA0000000	C002852	2924357	KA2401021, Scientific Disco	0	Default \	0	Default Lo	$120,000.00	$0.00	$0.00	$0.00	$120,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2016	31003	Other Equi	FS1000000	C000984	2923655	FS1005000, Cyber Security	0	Default \	485396	CHEQU	$508,268.60	-$508,268.60	$0.00	-$508,268.60	$0.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KB0000000	C001009	2923733	KB0201021, Heavy Ion, RHI	0	Default \	0	Default Lo	$2,137,071.38	$0.00	$0.00	$0.00	$2,137,071.38
500	089-X-0222 - Science Primary Fund (was WA)	2016	25400	Operation	KJ0000000	C001018	2924135	KJ0402000, Computer Scien	0	Default \	0	Default Lo	$1,922.92	-$1,922.92	$0.00	-$1,922.92	$0.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHI	0	Default \	0	Default Lo	$16,390,683.63	$0.00	$0.00	$0.00	$16,390,683.63
500	089-X-0222 - Science Primary Fund (was WA)	2018	31003	Other Equi	KC0000000	C002853	2924233	KC0401040, National Synch	0	Default \	485396	CHEQU	$32,163.46	-$1.61	$0.00	-$1.61	$32,161.85
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KA0000000	C002852	2924320	KA2103011, MIE	0	Default \	485492	CHOPEMIE	$133,086.10	-$149,003.38	$0.00	-$149,003.38	-$15,917.28
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KB0000000	C001009	2923721	KB0101022, Medium Energy	0	Default \	0	Default Lo	$686,859.70	$0.00	$0.00	$0.00	$686,859.70
500	089-X-0222 - Science Primary Fund (was WA)	2009	25400	Operation	KB0000000	C001009	2923741	KB0281011, Nuclear Physics	0	Default \	0	Default Lo	$4,262.47	$0.00	$0.00	$0.00	$4,262.47
500	089-X-0222 - Science Primary Fund (was WA)	2018	32001	Constructi	39KA00000	C002786	2924263	39KA00000PRN11SC40000,	0	Default \	0	Default Lo	$629,609.74	$0.00	$0.00	$0.00	$629,609.74
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KA0000000	C002852	2924355	KA2401012, National Labor	0	Default \	0	Default Lo	$1,019,423.20	$0.00	$0.00	$0.00	$1,019,423.20
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KC0000000	C002853	2924506	KC0202031, Theoretical Cor	0	Default \	0	Default Lo	$579,927.69	$0.00	$0.00	$0.00	$579,927.69
500	089-X-0222 - Science Primary Fund (was WA)	2017	25400	Operation	KP0000000	C001024	2924216	KP1703020, DO NOT USE!!!	0	Default \	0	Default Lo	$134,019.79	$0.00	$0.00	$0.00	$134,019.79
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KB0000000	C001009	2923746	KB0301020, Theory, Nation	0	Default \	0	Default Lo	$2,066,632.70	$0.00	$0.00	$0.00	$2,066,632.70
500	089-X-0222 - Science Primary Fund (was WA)	2017	25400	Operation	KC0000000	C002853	2924192	KC0207010, Energy Frontier	0	Default \	0	Default Lo	$791,878.52	$0.00	$0.00	$0.00	$791,878.52
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KC0000000	C002853	3023325	KC0203020, Synthesis and F	0	Default \	0	Default Lo	$1,132,536.99	$0.00	$0.00	$0.00	$1,132,536.99
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KB0000000	C001009	2923734	KB0201022, Heavy Ion, Oth	0	Default \	0	Default Lo	$0.00	$132,000.00	$0.00	$132,000.00	$132,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2005	25400	Operation	KA0000000	C002852	2924317	KA2102021, ATLAS Detector	0	Default \	0	Default Lo	$0.00	$629,138.39	$0.00	$629,138.39	$629,138.39
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KJ0000000	C001018	2924476	KJ0403010, Computational	0	Default \	0	Default Lo	$0.00	$482,000.00	$0.00	$482,000.00	$482,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KB0000000	C001009	2924156	KB0201052, Heavy Ion Acce	0	Default \	0	Default Lo	$0.00	$214,000.00	$0.00	$214,000.00	$214,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KC0000000	C002853	2924294	KC0202040, Mechanical Bel	0	Default \	0	Default Lo	$0.00	$200,000.00	$0.00	$200,000.00	$200,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KC0000000	C002853	2924233	KC0401040, National Synch	0	Default \	0	Default Lo	$0.00	$109,997,000.00	$150,000.00	$110,147,000.00	$110,147,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KC0000000	C002853	2924299	KC0304020, Physical Biosci	0	Default \	0	Default Lo	$0.00	$2,560,000.00	$0.00	$2,560,000.00	$2,560,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KL0000000	C001021	2924414	KL1500000, Outreach	0	Default \	0	Default Lo	$80,000.00	$0.00	$0.00	$0.00	$80,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KA0000000	C002852	2924327	KA2201090, Other Research	0	Default \	0	Default Lo	$0.00	$726,000.00	$0.00	$726,000.00	$726,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2017	25400	Operation	KB0000000	C001009	2924156	KB0201052, Heavy Ion Acce	0	Default \	0	Default Lo	$278,466.25	$0.00	$0.00	$0.00	$278,466.25
500	089-X-0222 - Science Primary Fund (was WA)	2019	31001	Major Iten	KA0000000	C002852	2924320	KA2103011, MIE	0	Default \	485498	CHEQUMIE	$0.00	$23,520,000.00	$0.00	$23,520,000.00	$23,520,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2017	31003	Other Equi	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHI	0	Default \	485396	CHEQU	$847,197.70	$0.00	$0.00	$0.00	$847,197.70
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KC0000000	C002853	2924300	KC0304030, DO NOT USE!!!	0	Default \	0	Default Lo	$1,609,603.03	-$2,089.84	$0.00	-$2,089.84	$1,607,513.19
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KC0000000	C002853	2924299	KC0304020, Physical Biosci	0	Default \	0	Default Lo	$2,048,670.39	$0.00	$0.00	$0.00	$2,048,670.39
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KA0000000	C002852	2924348	KA2302010, Experimental C	0	Default \	0	Default Lo	$0.00	$220,000.00	$0.00	$220,000.00	$220,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KA0000000	C002852	2924320	KA2103011, MIE	0	Default \	485493	CHOPEMIE	$5,160,147.84	$0.00	$0.00	$0.00	$5,160,147.84
500	089-X-0222 - Science Primary Fund (was WA)	2017	31003	Other Equi	KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHI	0	Default \	485396	CHEQU	$152,638.30	$0.00	$0.00	$0.00	$152,638.30
500	089-X-0222 - Science Primary Fund (was WA)	2014	25400	Operation	KB0000000	C001009	2923741	KB0281011, Nuclear Physics	0	Default \	0	Default Lo	$82,974.96	$0.00	$0.00	$0.00	$82,974.96
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KB0000000	C001009	2923755	KB0401022, Low Energy, Ot	0	Default \	0	Default Lo	$257,253.17	$0.00	$0.00	$0.00	$257,253.17
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KB0000000	C001009	2923749	KB0301042, Theory, Nuclea	0	Default \	0	Default Lo	$1,456,174.09	$0.00	$0.00	$0.00	$1,456,174.09
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KC0000000	C002853	2924460	KC0301050, DO NOT USE!!!	0	Default \	0	Default Lo	$43,125.76	$0.00	$0.00	$0.00	$43,125.76
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation	KA0000000	C002852	2924325	KA2201020, National Labor	0	Default \	0	Default Lo	$2,481,532.00	$0.00	$0.00	$0.00	$2,481,532.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	32003	Accelerato	KC0000000	C002853	2924233	KC0401040, National Synch	0	Default \	485395	CHAIP	$0.00	$3,500,000.00	$0.00	$3,500,000.00	$3,500,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KJ0000000	C001018	2924474	KJ0402010, Computer Scien	0	Default \	0	Default Lo	$0.00	$543,000.00	$0.00	$543,000.00	$543,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation	KP0000000	C001024	2924200	KP1601010, Foundational G	0	Default \	0	Default Lo	$0.00	$2,771,000.00	$0.00	$2,771,000.00	$2,771,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2017	25400	Operation	KA0000000	C002852	2924380	KA2601020, National Labor	0	Default \	0	Default Lo	$0.00	$250,000.00	$0.00	$250,000.00	$250,000.00
510	089-X-0222 - Science Reimbursable Work Technology Transf	2018	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Re	4861014	CHAGR8	0	Default Lo	$22,453.69	-$22,453.69	$0.00	-$22,453.69	$0.00
510	089-X-0222 - Science Reimbursable Work Technology Transf	2018	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Re	4861091	CHAGRR	0	Default Lo	$71,022.21	$0.00	$0.00	$0.00	$71,022.21
510	089-X-0222 - Science Reimbursable Work Technology Transf	2017	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Re	4860747	CHAGR8	0	Default Lo	$25,548.78	-$25,548.78	$0.00	-$25,548.78	$0.00
510	089-X-0222 - Science Reimbursable Work Technology Transf	2018	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Re	4861004	CHAGR8	0	Default Lo	$2,123.13	-$2,123.13	$0.00	-$2,123.13	$0.00
510	089-X-0222 - Science Reimbursable Work Technology Transf	2019	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Re	4861091	CHAGRR	0	Default Lo	$0.00	$691,160.44	$31,528.24	$722,688.68	$722,688.68

BROOKHAVEN NATIONAL LABORATORY
CONTRACT MOD # 0146 [July SPP & Financial]
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
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861121	CHAGR8	0	Default Lo	$0.00	$11,204.23	$23,900.03	$35,104.26	$35,104.26
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861022	CHAGR8	0	Default Lo	$0.00	$5,977,123.68	$0.00	$5,977,123.68	$5,977,123.68
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861151	CHAGR8	0	Default Lo	$0.00	$182,621.36	$0.00	$182,621.36	$182,621.36
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861099	CHAGR8	0	Default Lo	$2.94	$0.00	$0.00	$0.00	$2.94
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2017	25400	Operation	456100000	C003005	6600147	456160032, Industry - Forei	4860800	CHAGR8	0	Default Lo	$683.29	-$683.29	$0.00	-$683.29	$0.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861100	CHAGR8	0	Default Lo	$45,915.88	$0.00	$0.00	$0.00	$45,915.88
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4860936	CHAGR8	0	Default Lo	$1,926.60	$0.00	$0.00	$0.00	$1,926.60
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600147	456160032, Industry - Forei	4861032	CHAGR8	0	Default Lo	$45,039.33	$0.00	$0.00	$0.00	$45,039.33
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4860969	CHAGR8	0	Default Lo	$72,150.96	$0.00	$0.00	$0.00	$72,150.96
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861063	CHAGR8	0	Default Lo	$0.00	$78,927.49	$0.00	$78,927.49	$78,927.49
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861145	CHAGR8	0	Default Lo	$0.00	$43,689.32	$0.00	$43,689.32	$43,689.32
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861068	CHAGR8	0	Default Lo	$0.00	$40,430.19	$0.00	$40,430.19	$40,430.19
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861101	CHAGR8	0	Default Lo	$0.00	$1,179.23	$0.00	$1,179.23	$1,179.23
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861146	CHAGR8	0	Default Lo	$0.00	$15,448.79	$0.00	$15,448.79	$15,448.79
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861066	CHAGR8	0	Default Lo	$0.00	$31,281.71	$0.00	$31,281.71	$31,281.71
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600147	456160032, Industry - Forei	4861076	CHAGR8	0	Default Lo	$0.00	$261,857.21	$33,129.51	$294,986.72	$294,986.72
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861173	CHAGR8	0	Default Lo	$0.00	$0.00	$15,965.00	$15,965.00	$15,965.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861109	CHAGR8	0	Default Lo	$0.00	$85,271.81	$6,870.24	$92,142.05	$92,142.05
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861115	CHAGR8	0	Default Lo	$0.00	$28,602.56	$2,630.29	$31,232.85	$31,232.85
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4860946	CHAGR8	0	Default Lo	$0.00	$338,700.77	$0.00	$338,700.77	$338,700.77
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861153	CHAGR8	0	Default Lo	$0.00	$3,600.00	$0.00	$3,600.00	$3,600.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4860880	CHAGR8	0	Default Lo	$3,397.00	-$3,397.00	$0.00	-$3,397.00	$0.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861030	CHAGR8	0	Default Lo	$914.45	-$945.47	$0.00	-$945.47	-$31.02
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4860936	CHAGR8	0	Default Lo	$6,000.07	$0.00	$0.00	$0.00	$6,000.07
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600147	456160032, Industry - Forei	4801577	CH AGR8	0	Default Lo	$50,485.44	$0.00	$0.00	$0.00	$50,485.44
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861104	CHAGR8	0	Default Lo	$0.00	$140,604.08	$17,416.74	$158,020.82	$158,020.82
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861160	CHAGR8	0	Default Lo	$0.00	$0.00	$4,666.00	$4,666.00	$4,666.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861052	CHAGR8	0	Default Lo	$0.00	$6,916,735.10	$2,480,019.38	$9,396,754.48	$9,396,754.48
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861098	CHAGR8	0	Default Lo	$0.00	$38,804.43	$0.00	$38,804.43	$38,804.43
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600147	456160032, Industry - Forei	4861161	CHAGR8	0	Default Lo	$0.00	$44,271.84	$0.00	$44,271.84	$44,271.84
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861072	CHAGR8	0	Default Lo	$5,000.00	$0.00	$0.00	$0.00	$5,000.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861023	CHAGR8	0	Default Lo	$64,480.13	$0.00	$0.00	$0.00	$64,480.13
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861060	CHAGR8	0	Default Lo	$19,067.88	-$19,067.88	$0.00	-$19,067.88	$0.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861068	CHAGR8	0	Default Lo	$122.99	$0.00	$0.00	$0.00	$122.99
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600147	456160032, Industry - Forei	4861065	CHAGR8	0	Default Lo	$217,281.60	$0.00	$0.00	$0.00	$217,281.60
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861052	CHAGR8	0	Default Lo	$599,176.00	$0.00	$0.00	$0.00	$599,176.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861111	CHAGR8	0	Default Lo	$23,648.21	-$23,648.21	$0.00	-$23,648.21	$0.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861142	CHAGR8	0	Default Lo	$0.00	$39,879.28	$0.00	$39,879.28	$39,879.28
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861075	CHAGR8	0	Default Lo	$0.00	$2,569.90	$0.00	$2,569.90	$2,569.90
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861102	CHAGR8	0	Default Lo	$0.00	$19,967.73	$0.00	$19,967.73	$19,967.73
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861100	CHAGR8	0	Default Lo	$0.00	$50,507.48	$0.00	$50,507.48	$50,507.48
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600147	456160032, Industry - Forei	4861065	CHAGR8	0	Default Lo	$0.00	$194,174.76	$0.00	$194,174.76	$194,174.76
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861164	CHAGR8	0	Default Lo	$0.00	$416.66	$4,583.34	$5,000.00	$5,000.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861174	CHAGR8	0	Default Lo	$0.00	$0.00	$25,000.00	$25,000.00	$25,000.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2014	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4860871	CHAGR8	0	Default Lo	$119,776.80	$0.00	$0.00	$0.00	$119,776.80
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861139	AGR8441	0	Default Lo	$0.00	$203,604.46	$0.00	$203,604.46	$203,604.46
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861144	CHAGR8	0	Default Lo	$0.00	$92,435.00	$0.00	$92,435.00	$92,435.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861168	CHAGR8	0	Default Lo	$0.00	$21,640.00	$0.00	$21,640.00	$21,640.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2017	25400	Operation	456100000	C003005	6600147	456160032, Industry - Forei	4801577	CH AGR8	0	Default Lo	$41,696.97	$0.00	$0.00	$0.00	$41,696.97
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4860977	CHAGR8	0	Default Lo	$1,033.48	-$1,033.48	$0.00	-$1,033.48	$0.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4860946	CHAGR8	0	Default Lo	$899.96	$0.00	$0.00	$0.00	$899.96
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861020	CHAGR8	0	Default Lo	$1,704.11	-$2,517.22	$0.00	-$2,517.22	-$813.11
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861017	CHAGR8	0	Default Lo	$644.23	-$644.23	$0.00	-$644.23	$0.00

BROOKHAVEN NATIONAL LABORATORY
CONTRACT MOD # 0146 [July SPP & Financial]
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
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600147	456160032, Industry - Forei	4860813	CHAGR8	0	Default Lo	$116,420.64	$0.00	$0.00	$0.00	$116,420.64
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861135	CHAGR8	0	Default Lo	$0.00	$404,204.65	$0.00	$404,204.65	$404,204.65
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600147	456160032, Industry - Forei	4861032	CHAGR8	0	Default Lo	$0.00	$71,007.72	$6,573.34	$77,581.06	$77,581.06
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861130	CHAGR8	0	Default Lo	$0.00	$101,014.94	$433,535.23	$534,550.17	$534,550.17
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600147	456160032, Industry - Forei	4861076	CHAGR8	0	Default Lo	$311,208.48	$0.00	$0.00	$0.00	$311,208.48
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861087	CHAGR8	0	Default Lo	$2,500.00	-$2,500.00	$0.00	-$2,500.00	$0.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861101	CHAGR8	0	Default Lo	$40,689.65	$0.00	$0.00	$0.00	$40,689.65
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861053	CHAGR8	0	Default Lo	$7,214.59	$0.00	$0.00	$0.00	$7,214.59
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861021	CHAGR8	0	Default Lo	$6,587.34	-$6,587.34	$0.00	-$6,587.34	$0.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861093	CHAGR8	0	Default Lo	$39,507.26	-$268.36	$0.00	-$268.36	$39,238.90
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4860949	CHAGR8	0	Default Lo	$8,967.69	-$8,967.69	$0.00	-$8,967.69	$0.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861120	CHAGR8	0	Default Lo	$0.00	$216,515.79	$0.00	$216,515.79	$216,515.79
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861138	AGR8441	0	Default Lo	$0.00	$114,789.71	$0.00	$114,789.71	$114,789.71
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600147	456160032, Industry - Forei	4801577	CH AGR8	0	Default Lo	$0.00	$50,485.44	$0.00	$50,485.44	$50,485.44
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861157	CHAGR8	0	Default Lo	$0.00	$45,000.00	$0.00	$45,000.00	$45,000.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861133	CHAGR8	0	Default Lo	$0.00	$85,761.60	$4,068.56	$89,830.16	$89,830.16
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4860936	CHAGR8	0	Default Lo	$0.00	$16,877.26	$7,594.95	$24,472.21	$24,472.21
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861134	CHAGR8	0	Default Lo	$0.00	$92,905.04	$0.00	$92,905.04	$92,905.04
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861075	CHAGR8	0	Default Lo	$21,730.69	-$2,746.31	$0.00	-$2,746.31	$18,984.38
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861022	CHAGR8	0	Default Lo	$2,548,416.05	$0.00	$0.00	$0.00	$2,548,416.05
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4860871	CHAGR8	0	Default Lo	$13,578.50	$0.00	$0.00	$0.00	$13,578.50
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861089	CHAGR8	0	Default Lo	$163.45	$0.00	$0.00	$0.00	$163.45
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2017	25400	Operation	456100000	C003005	6600147	456160032, Industry - Forei	4861015	CHAGR8	0	Default Lo	$903,389.83	$0.00	$0.00	$0.00	$903,389.83
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861107	CHAGR8	0	Default Lo	$37,074.29	$0.00	$0.00	$0.00	$37,074.29
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861021	CHAGR8	0	Default Lo	$2,654.48	-$2,654.48	$0.00	-$2,654.48	$0.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600147	456160032, Industry - Forei	4860984	CHAGR8	0	Default Lo	$67.81	$0.00	$0.00	$0.00	$67.81
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861063	CHAGR8	0	Default Lo	$22,087.46	$0.00	$0.00	$0.00	$22,087.46
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861066	CHAGR8	0	Default Lo	$32,960.08	$0.00	$0.00	$0.00	$32,960.08
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861089	CHAGR8	0	Default Lo	$0.00	$9,708.74	$0.00	$9,708.74	$9,708.74
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861136	CHAGR8	0	Default Lo	$0.00	$20,035.01	$0.00	$20,035.01	$20,035.01
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861128	CHAGR8	0	Default Lo	$0.00	$98,848.56	$1,588.77	$100,437.33	$100,437.33
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861132	CHAGR8	0	Default Lo	$0.00	$41,756.55	$4,410.60	$46,167.15	$46,167.15
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861023	CHAGR8	0	Default Lo	$0.00	$155,502.86	$13,758.90	$169,261.76	$169,261.76
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861162	CHAGR8	0	Default Lo	$0.00	$6,000.00	$941.26	$6,941.26	$6,941.26
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861107	CHAGR8	0	Default Lo	$0.00	$64,748.42	$0.00	$64,748.42	$64,748.42
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861052	CHAGR8	0	Default Lo	$2,146,667.98	$0.00	$0.00	$0.00	$2,146,667.98
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861121	CHAGR8	0	Default Lo	$24,271.84	$0.00	$0.00	$0.00	$24,271.84
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861053	CHAGR8	0	Default Lo	$0.00	$243,668.00	$0.00	$243,668.00	$243,668.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2016	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4860831	CHAGR8	0	Default Lo	$176.63	-$176.63	$0.00	-$176.63	$0.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861088	CHAGR8	0	Default Lo	$58,118.62	$0.00	$0.00	$0.00	$58,118.62
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2015	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4860880	CHAGR8	0	Default Lo	$2,596.52	-$2,596.52	$0.00	-$2,596.52	$0.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861098	CHAGR8	0	Default Lo	$25,008.55	$0.00	$0.00	$0.00	$25,008.55
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861079	CHAGR8	0	Default Lo	$41,439.06	$0.00	$0.00	$0.00	$41,439.06
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861092	CHAGR8	0	Default Lo	$121.69	-$121.69	$0.00	-$121.69	$0.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861102	CHAGR8	0	Default Lo	$6,084.13	$0.00	$0.00	$0.00	$6,084.13
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4860971	CHAGR8	0	Default Lo	$345.85	-$345.85	$0.00	-$345.85	$0.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861109	CHAGR8	0	Default Lo	$382.41	$0.00	$0.00	$0.00	$382.41
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861170	CHAGR8	0	Default Lo	$0.00	$22,135.92	$0.00	$22,135.92	$22,135.92
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861159	CHAGR8	0	Default Lo	$0.00	$5,111.00	$10,000.00	$15,111.00	$15,111.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861009	CHAGR8	0	Default Lo	$2,617.07	-$2,617.07	$0.00	-$2,617.07	$0.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861163	CHAGR8	0	Default Lo	$0.00	$17,064.00	$0.00	$17,064.00	$17,064.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4860928	CHAGR8	0	Default Lo	$34,457.69	$0.00	$0.00	$0.00	$34,457.69
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861165	CHAGR8	0	Default Lo	$0.00	$24,000.00	$0.00	$24,000.00	$24,000.00

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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
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861090	CHAGR8	0	Default Lo	$106,652.72	$0.00	$0.00	$0.00	$106,652.72
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861158	CHAGR8	0	Default Lo	$0.00	$30,000.00	$0.00	$30,000.00	$30,000.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861046	CHAGR8	0	Default Lo	$20,056.87	$0.00	$0.00	$0.00	$20,056.87
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4860969	CHAGR8	0	Default Lo	$0.00	$312,149.04	$0.00	$312,149.04	$312,149.04
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600147	456160032, Industry - Forei	4861167	CHAGR8	0	Default Lo	$0.00	$80,659.47	$0.00	$80,659.47	$80,659.47
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861114	CHAGR8	0	Default Lo	$40,000.00	$0.00	$0.00	$0.00	$40,000.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861056	CHAGR8	0	Default Lo	$4,070.82	-$4,070.82	$0.00	-$4,070.82	$0.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861096	CHAGR8	0	Default Lo	$9,631.18	-$9,631.18	$0.00	-$9,631.18	$0.00
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861120	CHAGR8	0	Default Lo	$91,831.68	$0.00	$0.00	$0.00	$91,831.68
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4860686	CHAGR8	0	Default Lo	$5,536.61	-$5,444.97	$0.00	-$5,444.97	$91.64
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861099	CHAGR8	0	Default Lo	$0.00	$144,546.93	$0.00	$144,546.93	$144,546.93
511	089-X-0222 - Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4861141	CHAGR8	0	Default Lo	$0.00	$18,656.54	$0.00	$18,656.54	$18,656.54
512	089-X-0222 - Science Reimbursable Work with Other Federa	2017	25400	Operation	456100000	C003005	6600007	456140050, Research & Dev	4861037	CHAGR1	0	Default Lo	$3.72	$0.00	$0.00	$0.00	$3.72
512	089-X-0222 - Science Reimbursable Work with Other Federa	2019	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regula	4860894	CHAGRN	0	Default Lo	$0.00	$148,206.79	$0.00	$148,206.79	$148,206.79
512	089-X-0222 - Science Reimbursable Work with Other Federa	2019	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4861073	CHAGR8	0	Default Lo	$0.00	$202,912.62	$0.00	$202,912.62	$202,912.62
512	089-X-0222 - Science Reimbursable Work with Other Federa	2016	25400	Operation	456100000	C003005	6600066	456140351, Department of	4861012	CHAGR1	0	Default Lo	$3,431,271.01	$0.00	$0.00	$0.00	$3,431,271.01
512	089-X-0222 - Science Reimbursable Work with Other Federa	2015	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4860927	CHARGN	0	Default Lo	$354.45	$0.00	$0.00	$0.00	$354.45
512	089-X-0222 - Science Reimbursable Work with Other Federa	2017	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4860991	CHAGRN	0	Default Lo	$76,278.33	$0.00	$0.00	$0.00	$76,278.33
512	089-X-0222 - Science Reimbursable Work with Other Federa	2016	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regula	4860724	CH189V6	0	Default Lo	$3,761.11	$0.00	$0.00	$0.00	$3,761.11
512	089-X-0222 - Science Reimbursable Work with Other Federa	2012	25400	Operation	456100000	C003005	6600053	456140220, Research & Dev	4860788	CHAGR1	0	Default Lo	$152,272.29	-$152,272.29	$0.00	-$152,272.29	$0.00
512	089-X-0222 - Science Reimbursable Work with Other Federa	2018	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4860932	CHAGRN	0	Default Lo	$60.98	-$60.98	$0.00	-$60.98	$0.00
512	089-X-0222 - Science Reimbursable Work with Other Federa	2016	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regula	4860817	CH189V6	0	Default Lo	$1,784.78	$0.00	$0.00	$0.00	$1,784.78
512	089-X-0222 - Science Reimbursable Work with Other Federa	2018	25400	Operation	456100000	C003005	6600007	456140050, Research & Dev	4860850	CHAGR2	0	Default Lo	$2,448.77	$0.00	$0.00	$0.00	$2,448.77
512	089-X-0222 - Science Reimbursable Work with Other Federa	2014	25400	Operation	456100000	C003005	6600073	456140358, Other Federal A	3011110	CRAGRS-	0	Default Lo	$121.25	$0.00	$0.00	$0.00	$121.25
512	089-X-0222 - Science Reimbursable Work with Other Federa	2016	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regula	4860948	CHAGRN	0	Default Lo	$93,722.24	$0.00	$0.00	$0.00	$93,722.24
512	089-X-0222 - Science Reimbursable Work with Other Federa	2018	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4860992	CHAGRN	0	Default Lo	$27,289.71	$0.00	$0.00	$0.00	$27,289.71
512	089-X-0222 - Science Reimbursable Work with Other Federa	2015	25400	Operation	456100000	C003005	6600053	456140220, Research & Dev	4803492	CH AGRN	0	Default Lo	$822,752.00	$0.00	$0.00	$0.00	$822,752.00
512	089-X-0222 - Science Reimbursable Work with Other Federa	2007	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4860316	CHAGRN	0	Default Lo	$20,870.32	$0.00	$0.00	$0.00	$20,870.32
512	089-X-0222 - Science Reimbursable Work with Other Federa	2018	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4860942	CHAGRN	0	Default Lo	$143,017.14	$0.00	$0.00	$0.00	$143,017.14
512	089-X-0222 - Science Reimbursable Work with Other Federa	2019	25400	Operation	456100000	C003005	6600096	456140371, Nuclear Regula	4861125	CHNRC3	0	Default Lo	$0.00	$291,262.14	$0.00	$291,262.14	$291,262.14
512	089-X-0222 - Science Reimbursable Work with Other Federa	2011	25400	Operation	456100000	C003005	6600096	456140371, Nuclear Regula	4860532	CH189J4	0	Default Lo	$3,429.21	$0.00	$0.00	$0.00	$3,429.21
512	089-X-0222 - Science Reimbursable Work with Other Federa	2018	25400	Operation	456100000	C003005	6600069	456140354, U.S. Agency For	4860930	CHAGRA	0	Default Lo	$242,718.45	$0.00	$0.00	$0.00	$242,718.45
512	089-X-0222 - Science Reimbursable Work with Other Federa	2017	25400	Operation	456100000	C003005	6600066	456140351, Department of	4861057	CH1931C	0	Default Lo	$4,474,778.10	$0.00	$0.00	$0.00	$4,474,778.10
512	089-X-0222 - Science Reimbursable Work with Other Federa	2015	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regula	4860657	CH189V6	0	Default Lo	$9,708.74	$0.00	$0.00	$0.00	$9,708.74
512	089-X-0222 - Science Reimbursable Work with Other Federa	2017	25400	Operation	456100000	C003005	6600007	456140050, Research & Dev	4861041	CHAGR2	0	Default Lo	$109.78	$0.00	$0.00	$0.00	$109.78
512	089-X-0222 - Science Reimbursable Work with Other Federa	2014	25400	Operation	456100000	C003005	6600007	456140050, Research & Dev	4860561	CHAGR9	0	Default Lo	$8,737.52	$0.00	$0.00	$0.00	$8,737.52
512	089-X-0222 - Science Reimbursable Work with Other Federa	2015	25400	Operation	456100000	C003005	6600053	456140220, Research & Dev	4860897	CHAGRR	0	Default Lo	$6,228.29	$0.00	$0.00	$0.00	$6,228.29
512	089-X-0222 - Science Reimbursable Work with Other Federa	2013	25400	Operation	456100000	C003005	6600053	456140220, Research & Dev	4860794	CHAGRA	0	Default Lo	$8,934.17	$0.00	$0.00	$0.00	$8,934.17
512	089-X-0222 - Science Reimbursable Work with Other Federa	2018	25400	Operation	456100000	C003005	6600096	456140371, Nuclear Regula	4860873	CHAGRN	0	Default Lo	$1,680,118.93	$0.00	$0.00	$0.00	$1,680,118.93
512	089-X-0222 - Science Reimbursable Work with Other Federa	2018	25400	Operation	456100000	C003005	6600053	456140220, Research & Dev	4860902	CHAGRP	0	Default Lo	$3,011,272.60	$0.00	$0.00	$0.00	$3,011,272.60
512	089-X-0222 - Science Reimbursable Work with Other Federa	2018	25400	Operation	456100000	C003005	6600096	456140371, Nuclear Regula	4861125	CHNRC3	0	Default Lo	$319,512.42	$0.00	$0.00	$0.00	$319,512.42
512	089-X-0222 - Science Reimbursable Work with Other Federa	2019	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4861154	CHAGR8	0	Default Lo	$0.00	$52,360.19	$0.00	$52,360.19	$52,360.19
512	089-X-0222 - Science Reimbursable Work with Other Federa	2018	25400	Operation	456100000	C003005	6600051	456140200, Research & Dev	4861105	CHAGR1	0	Default Lo	$63,865.80	$0.00	$0.00	$0.00	$63,865.80
512	089-X-0222 - Science Reimbursable Work with Other Federa	2011	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4860467	CHAGRN	0	Default Lo	$360,508.07	$0.00	$0.00	$0.00	$360,508.07
512	089-X-0222 - Science Reimbursable Work with Other Federa	2017	25400	Operation	456100000	C003005	6600007	456140050, Research & Dev	4861054	CHAGRN	0	Default Lo	$8,453.63	$0.00	$0.00	$0.00	$8,453.63
512	089-X-0222 - Science Reimbursable Work with Other Federa	2014	25400	Operation	456100000	C003005	6600053	456140220, Research & Dev	4803492	CH AGRN	0	Default Lo	$733,390.21	-$1,493.21	$0.00	-$1,493.21	$731,897.00
512	089-X-0222 - Science Reimbursable Work with Other Federa	2018	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4861069	CHAGR8	0	Default Lo	$134,939.61	$0.00	$0.00	$0.00	$134,939.61
512	089-X-0222 - Science Reimbursable Work with Other Federa	2012	25400	Operation	456100000	C003005	6600053	456140220, Research & Dev	4804168	CH AGRY	0	Default Lo	$3,309.73	$0.00	$0.00	$0.00	$3,309.73
512	089-X-0222 - Science Reimbursable Work with Other Federa	2017	25400	Operation	456100000	C003005	6600069	456140354, U.S. Agency For	4860930	CHAGRA	0	Default Lo	$121,227.96	$0.00	$0.00	$0.00	$121,227.96
512	089-X-0222 - Science Reimbursable Work with Other Federa	2016	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regula	4860894	CHAGRN	0	Default Lo	$20,943.02	$0.00	$0.00	$0.00	$20,943.02
512	089-X-0222 - Science Reimbursable Work with Other Federa	2019	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4860991	CHAGRN	0	Default Lo	$0.00	$112,621.36	$0.00	$112,621.36	$112,621.36
512	089-X-0222 - Science Reimbursable Work with Other Federa	2019	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4861169	CHAGR8	0	Default Lo	$0.00	$273,330.10	$0.00	$273,330.10	$273,330.10
512	089-X-0222 - Science Reimbursable Work with Other Federa	2019	25400	Operation	456100000	C003005	6600007	456140050, Research & Dev	4861131	CHAGREI	0	Default Lo	$0.00	$67,502.91	$0.00	$67,502.91	$67,502.91

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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 - Science Reimbursable Work with Other Federa	2019	25400	Operation	456100000	C003005	6600007	456140050, Research & Dev	4861123	CHAGRP	0	Default Lo	$0.00	$242,718.45	$0.00	$242,718.45	$242,718.45
512	089-X-0222 - Science Reimbursable Work with Other Federa	2019	25400	Operation	456100000	C003005	6600053	456140220, Research & Dev	4861118	CHAGR1	0	Default Lo	$0.00	$219,284.00	$0.00	$219,284.00	$219,284.00
512	089-X-0222 - Science Reimbursable Work with Other Federa	2014	25400	Operation	456100000	C003005	6600066	456140351, Department of	4860917	CHAGR1	0	Default Lo	$840,986.71	$0.00	$0.00	$0.00	$840,986.71
512	089-X-0222 - Science Reimbursable Work with Other Federa	2018	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4861073	CHAGR8	0	Default Lo	$143,425.49	$0.00	$0.00	$0.00	$143,425.49
512	089-X-0222 - Science Reimbursable Work with Other Federa	2016	25400	Operation	456100000	C003005	6600096	456140371, Nuclear Regula	4860773	CH189Q	0	Default Lo	$813.05	-$813.05	$0.00	-$813.05	$0.00
512	089-X-0222 - Science Reimbursable Work with Other Federa	2016	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regula	4860941	CHAGRN	0	Default Lo	$26,293.22	$0.00	$0.00	$0.00	$26,293.22
512	089-X-0222 - Science Reimbursable Work with Other Federa	2012	25400	Operation	456100000	C003005	6600053	456140220, Research & Dev	4804149	CH AGRY	0	Default Lo	$4,499.65	-$4,499.65	$0.00	-$4,499.65	$0.00
512	089-X-0222 - Science Reimbursable Work with Other Federa	2017	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regula	4860901	CHAGRN	0	Default Lo	$34,547.10	$0.00	$0.00	$0.00	$34,547.10
512	089-X-0222 - Science Reimbursable Work with Other Federa	2014	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regula	4860657	CH189V	0	Default Lo	$29,137.54	$0.00	$0.00	$0.00	$29,137.54
512	089-X-0222 - Science Reimbursable Work with Other Federa	2015	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regula	4860913	CHAGRN	0	Default Lo	$151.73	$0.00	$0.00	$0.00	$151.73
512	089-X-0222 - Science Reimbursable Work with Other Federa	2017	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regula	4860911	CHAGRN	0	Default Lo	$119,801.34	$0.00	$0.00	$0.00	$119,801.34
512	089-X-0222 - Science Reimbursable Work with Other Federa	2019	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4860942	CHAGRN	0	Default Lo	$0.00	$472,330.09	$0.00	$472,330.09	$472,330.09
512	089-X-0222 - Science Reimbursable Work with Other Federa	2018	25400	Operation	456100000	C003005	6600066	456140351, Department of	4861127	CH1931	0	Default Lo	$12,500,000.00	$0.00	$0.00	$0.00	$12,500,000.00
512	089-X-0222 - Science Reimbursable Work with Other Federa	2014	25400	Operation	456100000	C003005	6600073	456140358, Other Federal A	4860852	CHAGR0	0	Default Lo	$83,084.91	$0.00	$0.00	$0.00	$83,084.91
512	089-X-0222 - Science Reimbursable Work with Other Federa	2017	25400	Operation	456100000	C003005	6600007	456140050, Research & Dev	4860843	CHAGR2	0	Default Lo	$611.68	$0.00	$0.00	$0.00	$611.68
512	089-X-0222 - Science Reimbursable Work with Other Federa	2017	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regula	4860947	CHAGRN	0	Default Lo	$1,430.36	$0.00	$0.00	$0.00	$1,430.36
512	089-X-0222 - Science Reimbursable Work with Other Federa	2018	25400	Operation	456100000	C003005	6600007	456140050, Research & Dev	4861123	CHAGRP	0	Default Lo	$85,838.77	$0.00	$0.00	$0.00	$85,838.77
512	089-X-0222 - Science Reimbursable Work with Other Federa	2016	25400	Operation	456100000	C003005	6600053	456140220, Research & Dev	4803492	CH AGRN	0	Default Lo	$455,077.00	$0.00	$0.00	$0.00	$455,077.00
512	089-X-0222 - Science Reimbursable Work with Other Federa	2011	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4860463	CHAGRN	0	Default Lo	$0.26	-$0.26	$0.00	-$0.26	$0.00
512	089-X-0222 - Science Reimbursable Work with Other Federa	2014	25400	Operation	456100000	C003005	6600096	456140371, Nuclear Regula	4860776	CH189Q	0	Default Lo	$9,993.07	$0.00	$0.00	$0.00	$9,993.07
512	089-X-0222 - Science Reimbursable Work with Other Federa	2005	25400	Operation	456100000	C003005	6600066	456140351, Department of	4806666	CHAGRR	0	Default Lo	$394,234.20	$0.00	$0.00	$0.00	$394,234.20
512	089-X-0222 - Science Reimbursable Work with Other Federa	2016	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4860957	CHAGRN	0	Default Lo	$1,554.98	-$1,554.98	$0.00	-$1,554.98	$0.00
512	089-X-0222 - Science Reimbursable Work with Other Federa	2005	25400	Operation	456100000	C003005	6600053	456140220, Research & Dev	4803774	CH AGRR	0	Default Lo	$527,491.57	$0.00	$0.00	$0.00	$527,491.57
512	089-X-0222 - Science Reimbursable Work with Other Federa	2017	25400	Operation	456100000	C003005	6600100	456140375, Nuclear Regula	4860765	CH189N	0	Default Lo	$280.57	$0.00	$0.00	$0.00	$280.57
512	089-X-0222 - Science Reimbursable Work with Other Federa	2015	25400	Operation	456100000	C003005	6600007	456140050, Research & Dev	4860959	CHAGR2	0	Default Lo	$473.17	$0.00	$0.00	$0.00	$473.17
512	089-X-0222 - Science Reimbursable Work with Other Federa	2018	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4860991	CHAGRN	0	Default Lo	$223,300.97	$0.00	$0.00	$0.00	$223,300.97
512	089-X-0222 - Science Reimbursable Work with Other Federa	2018	25400	Operation	456100000	C003005	6600096	456140371, Nuclear Regula	4861126	CHNRC3	0	Default Lo	$961,165.05	$0.00	$0.00	$0.00	$961,165.05
512	089-X-0222 - Science Reimbursable Work with Other Federa	2019	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4861025	CHAGRN	0	Default Lo	$0.00	$48,543.69	$0.00	$48,543.69	$48,543.69
512	089-X-0222 - Science Reimbursable Work with Other Federa	2019	25400	Operation	456100000	C003005	6600007	456140050, Research & Dev	4861119	CHAGRP	0	Default Lo	$0.00	$444,538.84	$0.00	$444,538.84	$444,538.84
512	089-X-0222 - Science Reimbursable Work with Other Federa	2018	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4860979	CHAGRN	0	Default Lo	$7,179,609.54	-$873.79	$0.00	-$873.79	$7,178,735.75
512	089-X-0222 - Science Reimbursable Work with Other Federa	2016	25400	Operation	456100000	C003005	6600066	456140351, Department of	4860970	CHAGR1	0	Default Lo	$1,288,712.72	$0.00	$0.00	$0.00	$1,288,712.72
512	089-X-0222 - Science Reimbursable Work with Other Federa	2015	25400	Operation	456100000	C003005	6600067	456140352, Department of	4860964	CHAGR1	0	Default Lo	$68,048.75	$0.00	$0.00	$0.00	$68,048.75
512	089-X-0222 - Science Reimbursable Work with Other Federa	2014	25400	Operation	456100000	C003005	6600053	456140220, Research & Dev	4860836	CHAGRA	0	Default Lo	$767.68	$0.00	$0.00	$0.00	$767.68
512	089-X-0222 - Science Reimbursable Work with Other Federa	2018	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4861025	CHAGRN	0	Default Lo	$35,279.75	$0.00	$0.00	$0.00	$35,279.75
512	089-X-0222 - Science Reimbursable Work with Other Federa	2018	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4860920	CHAGRR	0	Default Lo	$25,684.62	$0.00	$0.00	$0.00	$25,684.62
512	089-X-0222 - Science Reimbursable Work with Other Federa	2019	25400	Operation	456100000	C003005	6600069	456140354, U.S. Agency For	4860930	CHAGRA	0	Default Lo	$0.00	$111,650.49	$0.00	$111,650.49	$111,650.49
512	089-X-0222 - Science Reimbursable Work with Other Federa	2014	25400	Operation	456100000	C003005	6600072	456140357, Department of	4860914	CHAGR1	0	Default Lo	$6,708.87	$0.00	$0.00	$0.00	$6,708.87
512	089-X-0222 - Science Reimbursable Work with Other Federa	2013	25400	Operation	456100000	C003005	6600007	456140050, Research & Dev	4860561	CHAGR9	0	Default Lo	$11,621.01	$0.00	$0.00	$0.00	$11,621.01
512	089-X-0222 - Science Reimbursable Work with Other Federa	2016	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4860745	CHAGRN	0	Default Lo	$6,224.31	$0.00	$0.00	$0.00	$6,224.31
512	089-X-0222 - Science Reimbursable Work with Other Federa	2015	25400	Operation	456100000	C003005	6600072	456140357, Department of	4860914	CHAGR1	0	Default Lo	$260.99	$0.00	$0.00	$0.00	$260.99
512	089-X-0222 - Science Reimbursable Work with Other Federa	2013	25400	Operation	456100000	C003005	6600007	456140050, Research & Dev	4860849	CHAGR2	0	Default Lo	$2,007.03	$0.00	$0.00	$0.00	$2,007.03
512	089-X-0222 - Science Reimbursable Work with Other Federa	2015	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regula	4860622	CH189N	0	Default Lo	$561.39	-$561.39	$0.00	-$561.39	$0.00
512	089-X-0222 - Science Reimbursable Work with Other Federa	2013	25400	Operation	456100000	C003005	6600066	456140351, Department of	4860844	CHAGRSI	0	Default Lo	$3,808.15	$0.00	$0.00	$0.00	$3,808.15
512	089-X-0222 - Science Reimbursable Work with Other Federa	2019	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4860979	CHAGRN	0	Default Lo	$0.00	$8,313,300.98	$0.00	$8,313,300.98	$8,313,300.98
512	089-X-0222 - Science Reimbursable Work with Other Federa	2018	25400	Operation	456100000	C003005	6600007	456140050, Research & Dev	4861119	CHAGRP	0	Default Lo	$563,021.60	$0.00	$0.00	$0.00	$563,021.60
512	089-X-0222 - Science Reimbursable Work with Other Federa	2013	25400	Operation	456100000	C003005	6600067	456140352, Department of	4860796	CHAGRSI	0	Default Lo	$19.78	$0.00	$0.00	$0.00	$19.78
512	089-X-0222 - Science Reimbursable Work with Other Federa	2016	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regula	4860760	CH189N	0	Default Lo	$13,279.83	$0.00	$0.00	$0.00	$13,279.83
512	089-X-0222 - Science Reimbursable Work with Other Federa	2015	25400	Operation	456100000	C003005	6600007	456140050, Research & Dev	4860561	CHAGR9	0	Default Lo	$1.29	$0.00	$0.00	$0.00	$1.29
512	089-X-0222 - Science Reimbursable Work with Other Federa	2014	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regula	4860697	CH189N	0	Default Lo	$67,304.85	$0.00	$0.00	$0.00	$67,304.85
512	089-X-0222 - Science Reimbursable Work with Other Federa	2019	25400	Operation	456100000	C003005	6600096	456140371, Nuclear Regula	4860873	CHAGRN	0	Default Lo	$0.00	$855,041.57	$0.00	$855,041.57	$855,041.57
517	089-X-0222 - Science Reimbursable Work Agreements for Co	2018	25400	Operation	456100000	C003005	6600207	456167SC0, Office of Scienc	4860834	CHAGR8	0	Default Lo	$13,298.02	$0.00	$0.00	$0.00	$13,298.02
517	089-X-0222 - Science Reimbursable Work Agreements for Co	2018	25400	Operation	456100000	C003005	6600207	456167SC0, Office of Scienc	4861010	CHAGR8	0	Default Lo	$51,826.30	$0.00	$0.00	$0.00	$51,826.30
517	089-X-0222 - Science Reimbursable Work Agreements for Co	2019	25400	Operation	456100000	C003005	6600207	456167SC0, Office of Scienc	4861108	CHAGR8	0	Default Lo	$0.00	$3,602,103.30	$0.00	$3,602,103.30	$3,602,103.30

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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
517	089-X-0222 - Science Reimbursable Work Agreements for Co	2018	25400	Operation	456100000	C003005	6600207	456167SC0, Office of Scienc	4860826	CHAGR8	0	Default Lo	$7,745.02	$0.00	$0.00	$0.00	$7,745.02
517	089-X-0222 - Science Reimbursable Work Agreements for Co	2018	25400	Operation	456100000	C003005	6600207	456167SC0, Office of Scienc	4861108	CHAGR8	0	Default Lo	$7,178,397.68	$0.00	$0.00	$0.00	$7,178,397.68
517	089-X-0222 - Science Reimbursable Work Agreements for Co	2018	25400	Operation	456100000	C003005	6600207	456167SC0, Office of Scienc	4860823	CHAGR8	0	Default Lo	$19,856.98	$0.00	$0.00	$0.00	$19,856.98
517	089-X-0222 - Science Reimbursable Work Agreements for Co	2019	25400	Operation	456100000	C003005	6600207	456167SC0, Office of Scienc	4860823	CHAGR8	0	Default Lo	$0.00	$58,252.43	$24,271.85	$82,524.28	$82,524.28
517	089-X-0222 - Science Reimbursable Work Agreements for Co	2019	25400	Operation	456100000	C003005	6600207	456167SC0, Office of Scienc	4861010	CHAGR8	0	Default Lo	$0.00	$3,231,067.96	$3,883,495.15	$7,114,563.11	$7,114,563.11
674	089-18/19-0228 - DA Primary Fund	2018	25400	Operation	TT0000000	C003093	4500001	TT1020000, Contractual Su	0	Default \	0	Default Lo	$0.00	$55,000.00	$0.00	$55,000.00	$55,000.00
679	089-15/16-0228 - DA Transfer from USAID (23 USC 2392)	2015	25400	Operation	WA2200000	C001104	2822390	WA2230100, Other Related	0	Default \	302064	Climate RE	$40,000.00	$0.00	$0.00	$0.00	$40,000.00
681	089-14/15-0228 - DA IA Transfer from USAID (23 USC 2392)	2014	25400	Operation	WA2200000	C001104	2822390	WA2230100, Other Related	0	Default \	0	Default Lo	$39,548.18	$0.00	$0.00	$0.00	$39,548.18
692	089-14/15-0228 - DA Primary Fund (P.L. 113-76 FY14)	2014	25400	Operation	WN0000000	C001118	1721222	WN0219060, State and Loc	4860825	CHAGR8	0	Default Lo	$17,728.79	$0.00	$0.00	$0.00	$17,728.79
900	089-X-0240 - Weapons Activities (WA) Primary Fund (was T	2015	25400	Operation	DP4000000	C000925	2221775	DP4015011 - Radiological A	0	Default \	0	Default Lo	$0.01	-$0.01	$0.00	-$0.01	$0.00
900	089-X-0240 - Weapons Activities (WA) Primary Fund (was T	2014	25400	Operation	DP1204000	C000912	2220743	DP1204010, Secondary Asse	0	Default \	0	Default Lo	$836.82	$0.00	$0.00	$0.00	$836.82
900	089-X-0240 - Weapons Activities (WA) Primary Fund (was T	2018	25400	Operation	DP0909000	C002955	2223112	DP0909010, Nuclear Critical	0	Default \	0	Default Lo	$24,444.15	$0.00	$0.00	$0.00	$24,444.15
900	089-X-0240 - Weapons Activities (WA) Primary Fund (was T	2014	25400	Operation	DP4000000	C000925	2222480	DP4011093, Nuclear Counte	0	Default \	0	Default Lo	$2,057.91	$0.00	$0.00	$0.00	$2,057.91
900	089-X-0240 - Weapons Activities (WA) Primary Fund (was T	2019	25400	Operation	DP0909000	C002955	2223112	DP0909010, Nuclear Critical	0	Default \	0	Default Lo	$0.00	$275,000.00	$0.00	$275,000.00	$275,000.00
900	089-X-0240 - Weapons Activities (WA) Primary Fund (was T	2015	25400	Operation	DP8000000	C002982	2222989	DP8000000, Counterterrori	0	Default \	0	Default Lo	$3,252.52	$0.00	$0.00	$0.00	$3,252.52
910	089-X-0240 - WA Reimbursable Work with Other Federal Age	2015	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4860847	CHAGRH	0	Default Lo	$34,200.86	$0.00	$0.00	$0.00	$34,200.86
910	089-X-0240 - WA Reimbursable Work with Other Federal Age	2015	25400	Operation	456100000	C003005	6600014	456140075, Army - Other	4860884	CHAGRV	0	Default Lo	$97,087.38	$0.00	$0.00	$0.00	$97,087.38
910	089-X-0240 - WA Reimbursable Work with Other Federal Age	2014	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4841247	CHAGRH	0	Default Lo	$4,212.25	$0.00	$0.00	$0.00	$4,212.25
910	089-X-0240 - WA Reimbursable Work with Other Federal Age	2014	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4860915	CHAGRH	0	Default Lo	$11,352.52	$0.00	$0.00	$0.00	$11,352.52
910	089-X-0240 - WA Reimbursable Work with Other Federal Age	2014	25400	Operation	456100000	C003005	6600072	456140357, Department of	4860787	CHAGRSI	0	Default Lo	$849.00	$0.00	$0.00	$0.00	$849.00
910	089-X-0240 - WA Reimbursable Work with Other Federal Age	2017	25400	Operation	456100000	C003005	6600072	456140357, Department of	4860787	CHAGRSI	0	Default Lo	$0.01	$0.00	$0.00	$0.00	$0.01
910	089-X-0240 - WA Reimbursable Work with Other Federal Age	2014	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4860789	CHAGRH	0	Default Lo	$4,403.81	$0.00	$0.00	$0.00	$4,403.81
910	089-X-0240 - WA Reimbursable Work with Other Federal Age	2014	25400	Operation	456100000	C003005	6600014	456140075, Army - Other	4860884	CHAGRV	0	Default Lo	$70,657.76	$0.00	$0.00	$0.00	$70,657.76
1050	089-X-0243 - Other Defense Activities (ODA) Primary Fund	2019	25400	Operation	HQ0000000	C002425	3184701	HQ1001000, Worker Advoc	0	Default \	0	Default Lo	$0.00	$75,000.00	$35,000.00	$110,000.00	$110,000.00
1050	089-X-0243 - Other Defense Activities (ODA) Primary Fund	2018	25400	Operation	HQ0000000	C002425	3184701	HQ1001000, Worker Advoc	0	Default \	0	Default Lo	$9,523.04	$0.00	$0.00	$0.00	$9,523.04
1050	089-X-0243 - Other Defense Activities (ODA) Primary Fund	2018	25400	Operation	HU0000000	C002426	3184709	HU2006100, Occupational N	0	Default \	0	Default Lo	$2,500.00	$0.00	$0.00	$0.00	$2,500.00
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4861024	CHAGRH	0	Default Lo	$15,000.00	$0.00	$0.00	$0.00	$15,000.00
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2019	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Age	4861148	CHAGRE	0	Default Lo	$0.00	$150,000.00	$0.00	$150,000.00	$150,000.00
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2017	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4861048	CHAGRH	0	Default Lo	$286,219.17	$0.00	$0.00	$0.00	$286,219.17
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Age	4861095	CHAGRE	0	Default Lo	$55,000.00	$0.00	$0.00	$0.00	$55,000.00
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2015	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4860923	CHARGH	0	Default Lo	$696.09	$0.00	$0.00	$0.00	$696.09
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2015	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4842545	CHAGRH	0	Default Lo	$156.92	-$156.92	$0.00	-$156.92	$0.00
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2016	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4842534	CHAGRH	0	Default Lo	$21,555.93	$0.00	$0.00	$0.00	$21,555.93
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2019	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Age	4861166	CHAGRN	0	Default Lo	$0.00	$153,751.00	$0.00	$153,751.00	$153,751.00
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Age	4861083	CHAGRE	0	Default Lo	$317,094.71	$0.00	$0.00	$0.00	$317,094.71
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Age	4861094	CHAGRE	0	Default Lo	$150,000.00	$0.00	$0.00	$0.00	$150,000.00
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2016	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4860960	CHAGRH	0	Default Lo	$90,000.00	$0.00	$0.00	$0.00	$90,000.00
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4861051	CHAGRH	0	Default Lo	$221,200.00	$0.00	$0.00	$0.00	$221,200.00
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Age	4861055	CHAGRN	0	Default Lo	$450,000.00	$0.00	$0.00	$0.00	$450,000.00
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2019	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Age	4861150	CHAGRE	0	Default Lo	$0.00	$150,000.00	$0.00	$150,000.00	$150,000.00
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2019	25400	Operation	456100000	C003005	6600038	456140135, DARPA - Other	4861137	CHAGRH	0	Default Lo	$0.00	$253,119.42	$0.00	$253,119.42	$253,119.42
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2019	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Age	4861149	CHAGRE	0	Default Lo	$0.00	$150,000.00	$0.00	$150,000.00	$150,000.00
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation	456100000	C003005	6600038	456140135, DARPA - Other	4861106	CHAGRH	0	Default Lo	$320,703.38	$0.00	$0.00	$0.00	$320,703.38
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2017	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4861038	AGRHSH	0	Default Lo	$535.90	-$535.90	$0.00	-$535.90	$0.00
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2017	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4861051	CHAGRH	0	Default Lo	$41,676.76	$0.00	$0.00	$0.00	$41,676.76
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Age	4861085	CHAGRN	0	Default Lo	$418,837.42	$0.00	$0.00	$0.00	$418,837.42
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2016	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4860994	CHAGRH	0	Default Lo	$2,561.17	$0.00	$0.00	$0.00	$2,561.17
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Age	4861117	CHAGRN	0	Default Lo	$600,000.00	$0.00	$0.00	$0.00	$600,000.00
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2012	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4860604	CHAGRH	0	Default Lo	$20,000.00	-$20,000.00	$0.00	-$20,000.00	$0.00
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Age	4861110	CH16003	0	Default Lo	$172,913.16	$0.00	$0.00	$0.00	$172,913.16
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2019	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4861143	CHAGR7	0	Default Lo	$0.00	$110,000.00	$0.00	$110,000.00	$110,000.00
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4861129	CHAGR7	0	Default Lo	$200,000.00	$0.00	$0.00	$0.00	$200,000.00
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4861124	CHAGR7	0	Default Lo	$20,000.00	$0.00	$0.00	$0.00	$20,000.00

BROOKHAVEN NATIONAL LABORATORY
CONTRACT MOD # 0146 [July SPP & Financial]
DE-SC0012704

Fund Code	Fund Code Title	Appropriation Year	Object Class	Object Class Title	Legacy B&R Control	OCL	Program	Program Title	WFO	WFO Title	Local Use	Local Use Code	Beginning Uncosted Obligations	Budget Authority Previous	Budget Authority Change	Budget Authority Revised	Total Available
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Age	4861113	CHAGRE/	0	Default Lo	$96,227.18	$0.00	$0.00	$0.00	$96,227.18
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2016	25400	Operation	456100000	C003005	6600033	456140124, DNA - Other	4861006	CHAGR1(	0	Default Lo	$2,259.69	$0.00	$0.00	$0.00	$2,259.69
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2016	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Age	4861013	CHAGRN	0	Default Lo	$100,000.00	$0.00	$0.00	$0.00	$100,000.00
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2017	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4861024	CHAGRH	0	Default Lo	$437.15	$0.00	$0.00	$0.00	$437.15
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2015	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4860933	CHAGRH	0	Default Lo	$2,147.71	$0.00	$0.00	$0.00	$2,147.71
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2019	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Age	4861155	CHAGRE/	0	Default Lo	$0.00	$133,862.00	$0.00	$133,862.00	$133,862.00
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2019	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Age	4861171	CHAGRE/	0	Default Lo	$0.00	$175,000.00	$0.00	$175,000.00	$175,000.00
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2017	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4861005	CHAGRH	0	Default Lo	$1,681,056.67	$0.00	$0.00	$0.00	$1,681,056.67
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2019	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Age	4861152	CHAGRH	0	Default Lo	$0.00	$195,631.07	$0.00	$195,631.07	$195,631.07
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation	456100000	C003005	6600109	456140063, Air Force - Othe	4861078	CHAGRF(	0	Default Lo	$38,994.52	$0.00	$0.00	$0.00	$38,994.52
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2016	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4860997	CHAGRH	0	Default Lo	$17,697.10	$0.00	$0.00	$0.00	$17,697.10
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2017	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4861049	CHAGRH	0	Default Lo	$1,108.00	$0.00	$0.00	$0.00	$1,108.00
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Age	4861082	CHAGRE/	0	Default Lo	$403.92	$0.00	$0.00	$0.00	$403.92
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2019	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4861172	CHAGRH	0	Default Lo	$0.00	$0.00	$8,000.00	$8,000.00	$8,000.00
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2019	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Age	4861147	CHAGRE/	0	Default Lo	$0.00	$15,000.00	$0.00	$15,000.00	$15,000.00
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2011	25400	Operation	456100000	C003005	6600020	456140086, Navy - Other	4860694	CHAGRN	0	Default Lo	$2,572.20	-$2,572.20	$0.00	-$2,572.20	$0.00
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2019	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4861140	CHAGR7(	0	Default Lo	$0.00	$110,000.00	$0.00	$110,000.00	$110,000.00
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Age	4861097	CHAGRE/	0	Default Lo	$61,792.34	$0.00	$0.00	$0.00	$61,792.34
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Age	4861112	CHAGRE/	0	Default Lo	$147,799.55	$0.00	$0.00	$0.00	$147,799.55
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2011	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4860604	CHAGRH	0	Default Lo	$25,454.80	-$25,454.80	$0.00	-$25,454.80	$0.00
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2017	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Age	4861055	CHAGRN	0	Default Lo	$175,668.34	$0.00	$0.00	$0.00	$175,668.34
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2012	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4860789	CHAGRH	0	Default Lo	$1,561.80	$0.00	$0.00	$0.00	$1,561.80
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2015	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4860960	CHAGRH	0	Default Lo	$120,280.40	$0.00	$0.00	$0.00	$120,280.40
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2016	25400	Operation	456100000	C003005	6600084	45614036B, Science and Te	4861008	CHAGRH	0	Default Lo	$25,000.00	$0.00	$0.00	$0.00	$25,000.00
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2018	25400	Operation	GD6000000	C002970	3203761	GD6020100, Analysis	0	Default \	0	Default Lo	$188,358.94	$0.00	$0.00	$0.00	$188,358.94
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2018	25400	Operation	GD6000000	C002970	3203780	GD6050200, Technical Servi	0	Default \	0	Default Lo	$123,011.73	$0.00	$0.00	$0.00	$123,011.73
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2019	25400	Operation	GD6000000	C002970	3203763	GD6020300, Investigations	0	Default \	0	Default Lo	$0.00	$2,631,509.00	$0.00	$2,631,509.00	$2,631,509.00
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2019	25400	Operation	GD6000000	C002970	3203761	GD6020100, Analysis	0	Default \	0	Default Lo	$0.00	$526,878.00	$0.00	$526,878.00	$526,878.00
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2017	25400	Operation	GD6000000	C002970	3203779	GD6050100, CYBER & OPER	0	Default \	0	Default Lo	$864.41	$0.00	$0.00	$0.00	$864.41
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2018	25400	Operation	GD6000000	C002970	3203769	GD6020900, Office of The S	0	Default \	0	Default Lo	$293,339.45	$0.00	$0.00	$0.00	$293,339.45
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2019	25400	Operation	GD6000000	C002970	3203769	GD6020900, Office of The S	0	Default \	0	Default Lo	$0.00	$760,920.00	$0.00	$760,920.00	$760,920.00
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2019	25400	Operation	GD6000000	C002970	3203762	GD6020200, Security	0	Default \	0	Default Lo	$0.00	$163,000.00	$0.00	$163,000.00	$163,000.00
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2018	25400	Operation	GD6000000	C002970	3203764	GD6020400, CI Training	0	Default \	0	Default Lo	$60,260.00	$0.00	$0.00	$0.00	$60,260.00
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2017	25400	Operation	GD6000000	C002970	3203764	GD6020400, CI Training	0	Default \	0	Default Lo	$5,100.26	$0.00	$0.00	$0.00	$5,100.26
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2018	25400	Operation	GD6000000	C002970	3203763	GD6020300, Investigations	0	Default \	0	Default Lo	$273,869.22	$0.00	$0.00	$0.00	$273,869.22
1079	089-16/17-0243 - ODA Program Direction	2016	25400	Operation	CS0000000	C000892	1713352	CS7000000, Integrated Join	0	Default \	0	Default Lo	$5,561.57	-$10,107.33	$0.00	-$10,107.33	-$4,545.76
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2015	25400	Operation	NN4000000	C001056	2222718	NN4009020, DO NOT USE!!	0	Default \	0	Default Lo	$29.70	-$29.70	$0.00	-$29.70	$0.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2018	25400	Operation	DN1005000	C003088	2223152	DN1005010, Domestic Radi	0	Default \	0	Default Lo	$111,905.15	$0.00	$0.00	$0.00	$111,905.15
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2018	25400	Operation	DN4000000	C003042	2223094	DN4001010, Safeguards Pol	0	Default \	0	Default Lo	$241,179.71	$0.00	$0.00	$0.00	$241,179.71
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2015	25400	Operation	NN4000000	C001056	2222732	NN4012030, Multilateral Su	0	Default \	0	Default Lo	$7.25	-$7.25	$0.00	-$7.25	$0.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2018	25400	Operation	DN4000000	C003042	2223096	DN4001030, Safeguards Tec	0	Default \	0	Default Lo	$222,697.36	$0.00	$0.00	$0.00	$222,697.36
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2018	25400	Operation	DN2010000	C003118	2223180	DN2010000, Proliferation D	0	Default \	0	Default Lo	$114,433.87	$0.00	$0.00	$0.00	$114,433.87
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2015	25400	Operation	NN9300000	C002936	2222890	NN9301000, Domestic Nucl	0	Default \	0	Default Lo	$4.21	-$4.21	$0.00	-$4.21	$0.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2018	25400	Operation	DN4000000	C003042	2223095	DN4001020, Safeguards Eng	0	Default \	0	Default Lo	$293,029.56	$0.00	$0.00	$0.00	$293,029.56
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2013	25400	Operation	NN5000000	C001058	2222811	NN5003040, US Costs for N	0	Default \	0	Default Lo	$2,868.79	-$1.64	$0.00	-$1.64	$2,867.15
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2015	25400	Operation	NN5000000	C001058	2221234	NN5002010, U.S. Costs for F	0	Default \	0	Default Lo	$58,896.49	$30,088.29	$0.00	$30,088.29	$88,984.78
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2018	25400	Operation	CT0000000	C003007	2223014	CT8101000, Nuclear Incider	0	Default \	0	Default Lo	$40,583.15	$0.00	$0.00	$0.00	$40,583.15
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	DN2012000	C003120	2223182	DN2012010, U.S. High Perfo	0	Default \	0	Default Lo	$0.00	$429,133.00	$0.00	$429,133.00	$429,133.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2015	25400	Operation	NN2000000	C001052	2221132	NN2001000, Nonproliferati	0	Default \	0	Default Lo	$338.56	$0.00	$0.00	$0.00	$338.56
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	DN4000000	C003042	2223095	DN4001020, Safeguards Eng	0	Default \	0	Default Lo	$0.00	$1,305,000.00	$0.00	$1,305,000.00	$1,305,000.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2017	25400	Operation	DN1001000	C003034	2223049	DN1001011, U.S. Costs for F	0	Default \	0	Default Lo	$140,000.00	$0.00	$0.00	$0.00	$140,000.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2017	25400	Operation	DN3001000	C003039	2223080	DN3001020, Molybdenum-9	0	Default \	0	Default Lo	$7,011.34	-$7,011.34	$0.00	-$7,011.34	$0.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2018	25400	Operation	CT0000000	C003007	2223025	CT8405010, Technology Int	0	Default \	0	Default Lo	$677.25	-$7.12	$0.00	-$7.12	$670.13

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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 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	CT0000000	C003007	2223144	CT8000000, NA-80 CTCP	0	Default \	0	Default Lo	$0.00	$150,000.00	$0.00	$150,000.00	$150,000.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2013	25400	Operation	NN4000000	C001056	2222717	NN4009010, Safeguards Pol	0	Default \	0	Default Lo	$0.00	$29.02	$0.00	$29.02	$29.02
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	CT0000000	C003007	2223014	CT8101000, Nuclear Incider	0	Default \	0	Default Lo	$0.00	$15,000.00	$0.00	$15,000.00	$15,000.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	DN4000000	C003042	2223103	DN4004010, Global Regime	0	Default \	0	Default Lo	$0.00	$304,170.00	-$125,125.00	$179,045.00	$179,045.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2017	25400	Operation	DN2000000	C003038	2223076	DN2001000, Proliferation D	0	Default \	0	Default Lo	$67,947.41	$0.00	$0.00	$0.00	$67,947.41
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	DN4000000	C003042	2223102	DN4003020, Nuclear Nonco	0	Default \	0	Default Lo	$0.00	$701,000.00	$0.00	$701,000.00	$701,000.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2016	25400	Operation	DN1001000	C003034	2223049	DN1001011, U.S. Costs for F	0	Default \	0	Default Lo	$2,911.08	$0.00	$0.00	$0.00	$2,911.08
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2015	25400	Operation	NN5000000	C001058	2221243	NN5005011, U.S. Costs for F	0	Default \	0	Default Lo	$48,416.10	$0.00	$0.00	$0.00	$48,416.10
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2015	25400	Operation	NN4000000	C001056	2222730	NN4012010, Global Regime	0	Default \	0	Default Lo	$160.47	-$160.47	$0.00	-$160.47	$0.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2017	25400	Operation	DN2000000	C003038	2223154	DN2006000, USHPRR	0	Default \	0	Default Lo	$225.25	$0.00	$0.00	$0.00	$225.25
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2018	25400	Operation	CT0000000	C003007	2223023	CT8404010, Evaluation, Exe	0	Default \	0	Default Lo	$2,513.78	$0.00	$0.00	$0.00	$2,513.78
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2017	25400	Operation	DN3001000	C003039	2223079	DN3001010, Highly Enriche	0	Default \	0	Default Lo	$10,000.00	$6,996.64	$0.00	$6,996.64	$16,996.64
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	CT0000000	C003007	2223020	CT8401000, Radiological As	0	Default \	0	Default Lo	$0.00	$2,466,544.00	$7,307.00	$2,473,851.00	$2,473,851.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2016	25400	Operation	DN4000000	C003042	2223105	DN4004030, Multilateral Su	0	Default \	0	Default Lo	$81,275.44	$0.00	$0.00	$0.00	$81,275.44
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	DN4000000	C003042	2223101	DN4003010, Warhead Dism	0	Default \	0	Default Lo	$0.00	$185,000.00	$0.00	$185,000.00	$185,000.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2014	25400	Operation	NN5000000	C001058	2221231	NN5001010, U.S. Costs for F	0	Default \	0	Default Lo	$2.69	-$2.69	$0.00	-$2.69	$0.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2015	25400	Operation	NN5000000	C001058	2222810	NN5002040, US Costs for N	0	Default \	0	Default Lo	$3,347.69	-$1.08	$0.00	-$1.08	$3,346.61
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2018	25400	Operation	CT0000000	C003007	2223020	CT8401000, Radiological As	0	Default \	0	Default Lo	$1,415,004.85	$0.00	$0.00	$0.00	$1,415,004.85
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2014	25400	Operation	NN4000000	C001056	2222722	NN4010021, US Costs for R	0	Default \	0	Default Lo	$11.07	-$11.07	$0.00	-$11.07	$0.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	DN2010000	C003118	2223180	DN2010000, Proliferation D	0	Default \	0	Default Lo	$0.00	$1,090,000.00	$30,000.00	$1,120,000.00	$1,120,000.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2018	25400	Operation	DN1003000	C003036	2223063	DN1003011, U.S. Costs for F	0	Default \	0	Default Lo	$931,325.42	$0.00	$0.00	$0.00	$931,325.42
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	DN4000000	C003042	2223094	DN4001010, Safeguards Pol	0	Default \	0	Default Lo	$0.00	$1,057,872.00	$0.00	$1,057,872.00	$1,057,872.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	CT0000000	C003007	2223023	CT8404010, Evaluation, Exe	0	Default \	0	Default Lo	$0.00	$105,000.00	$0.00	$105,000.00	$105,000.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2017	25400	Operation	DN4000000	C003042	2223106	DN4004040, Policy Studies	0	Default \	0	Default Lo	$26.66	$0.00	$0.00	$0.00	$26.66
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2018	25400	Operation	CT0000000	C003007	2223144	CT8000000, NA-80 CTCP	0	Default \	0	Default Lo	$67,478.61	$0.00	$0.00	$0.00	$67,478.61
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2015	25400	Operation	NN4000000	C001056	2222717	NN4009010, Safeguards Pol	0	Default \	0	Default Lo	$235.76	$295.68	$0.00	$295.68	$531.44
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2013	25400	Operation	NN4000000	C001056	2222721	NN4010010, International N	0	Default \	0	Default Lo	$29.02	-$29.02	$0.00	-$29.02	$0.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2018	25400	Operation	DN4000000	C003042	2223102	DN4003020, Nuclear Nonco	0	Default \	0	Default Lo	$121,801.18	$0.00	$0.00	$0.00	$121,801.18
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	DN1005000	C003088	2223152	DN1005010, Domestic Radi	0	Default \	0	Default Lo	$0.00	$280,000.00	$0.00	$280,000.00	$280,000.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	DN1006000	C003089	2223153	DN1006010, International R	0	Default \	0	Default Lo	$0.00	$75,000.00	$0.00	$75,000.00	$75,000.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2015	25400	Operation	NN5000000	C001058	2221235	NN5002020, In-Country Cos	0	Default \	0	Default Lo	$1,139,072.07	-$30,000.00	$0.00	-$30,000.00	$1,109,072.07
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2015	25400	Operation	NN5000000	C001058	2222881	NN5070040, US Costs for N	0	Default \	0	Default Lo	$15,000.00	-$9,026.13	$0.00	-$9,026.13	$5,973.87
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2015	25400	Operation	NN4000000	C001056	2222719	NN4009030, Safeguards Tec	0	Default \	0	Default Lo	$98.26	-$98.26	$0.00	-$98.26	$0.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2018	25400	Operation	DN2012000	C003120	2223182	DN2012010, U.S. High Perfo	0	Default \	0	Default Lo	$7,477.00	$0.00	$0.00	$0.00	$7,477.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	DN1003000	C003036	2223063	DN1003011, U.S. Costs for F	0	Default \	0	Default Lo	$0.00	$887,411.24	-$587,000.00	$300,411.24	$300,411.24
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	DN4000000	C003042	2223106	DN4004040, Policy Studies	0	Default \	0	Default Lo	$0.00	$100,000.00	$50,000.00	$150,000.00	$150,000.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	DN4000000	C003042	2223096	DN4001030, Safeguards Tec	0	Default \	0	Default Lo	$0.00	$1,103,000.00	$0.00	$1,103,000.00	$1,103,000.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2018	25400	Operation	DN4000000	C003042	2223103	DN4004010, Global Regime	0	Default \	0	Default Lo	$35,435.78	$0.00	$0.00	$0.00	$35,435.78
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2016	25400	Operation	DN1001000	C003034	2223053	DN1001021, U.S. Costs for F	0	Default \	0	Default Lo	$544,016.73	$0.00	$0.00	$0.00	$544,016.73
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2013	25400	Operation	NN5000000	C001058	2221234	NN5002010, U.S. Costs for F	0	Default \	0	Default Lo	$0.00	$1.64	$0.00	$1.64	$1.64
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2015	25400	Operation	NN4000000	C001056	2222733	NN4012040, Policy Studies	0	Default \	0	Default Lo	$28,413.25	$0.00	$0.00	$0.00	$28,413.25
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2015	25400	Operation	NN9100000	C002938	2222883	NN9100000, Highly Enriche	0	Default \	0	Default Lo	$625.62	-$4.69	$0.00	-$4.69	$620.93
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2014	25400	Operation	NN5000000	C001058	2222881	NN5070040, US Costs for N	0	Default \	0	Default Lo	$21,819.56	-$21,819.56	$0.00	-$21,819.56	$0.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2014	25400	Operation	NN5000000	C001058	2221234	NN5002010, U.S. Costs for F	0	Default \	0	Default Lo	$0.00	$2.69	$0.00	$2.69	$2.69
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2014	25400	Operation	NN4000000	C001056	2222717	NN4009010, Safeguards Pol	0	Default \	0	Default Lo	$0.00	$11.07	$0.00	$11.07	$11.07
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2015	25400	Operation	NN5000000	C001058	2221240	NN5004010, U.S. Costs for F	0	Default \	0	Default Lo	$10,121.59	-$72.49	$0.00	-$72.49	$10,049.10
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2018	25400	Operation	DN1006000	C003089	2223153	DN1006010, International R	0	Default \	0	Default Lo	$34,738.39	$0.00	$0.00	$0.00	$34,738.39
1557	089-X-0309 - DNN Second Line of Defense International Co	2012	25400	Operation	NN5000000	C001058	2222290	NN5010000, International C	0	Default \	0	Default Lo	$42,854.56	$0.00	$0.00	$0.00	$42,854.56
1650	089-X-0313 - Federal Salaries and Expenses (OA) (was AD)	2010	25400	Operation	PS0000000	C001075	2221514	PS0202132, Advisory and A	0	Default \	0	Default Lo	$31,245.57	$0.00	$0.00	$0.00	$31,245.57
1689	089-14/15-0313 - Federal Salaries and Expenses (P.L. 113-76	2014	25400	Operation	PS0000000	C001075	2222565	PS0202200, A&A, Counterte	0	Default \	0	Default Lo	$2,021.13	$0.00	$0.00	$0.00	$2,021.13
1751	089-X-0315 - Non-Defense Environmental Cleanup (NDEC) Pr	2013	25400	Operation	EZ5000000	C002226	1110981	EZ5012300 - BRNL-0030 Soi	0	Default \	0	Default Lo	$368,597.47	$0.00	$0.00	$0.00	$368,597.47
1751	089-X-0315 - Non-Defense Environmental Cleanup (NDEC) Pr	2015	25400	Operation	EZ5000000	C002226	1110981	EZ5012300 - BRNL-0030 Soi	0	Default \	0	Default Lo	$47.62	$0.00	$0.00	$0.00	$47.62
1751	089-X-0315 - Non-Defense Environmental Cleanup (NDEC) Pr	2019	25400	Operation	EZ5000000	C002226	1110983	EZ5012410 - BRNL-0041 Nu	0	Default \	0	Default Lo	$0.00	$79,000.00	$0.00	$79,000.00	$79,000.00

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1751	089-X-0315 - Non-Defense Environmental Cleanup (NDEC) Pr	2018	25400	Operation	EZ5000000	C002226	1110983	EZ5012410 - BRNL-0041 Nu	0	Default \	0	Default Lo	$0.00	$420,200.00	$0.00	$420,200.00	$420,200.00
2300	089-X-4180 - Isotope Production and Distribution Fund (P	2018	25400	Operation	ST0000000	C001087	2924280	ST6001032, Hot Cell and Ot	0	Default \	0	Default Lo	$1,029,775.87	$800,000.00	$0.00	$800,000.00	$1,829,775.87
2300	089-X-4180 - Isotope Production and Distribution Fund (P	2018	25400	Operation	ST0000000	C001087	2924281	ST6001034, Facility Upgrad	0	Default \	0	Default Lo	$794,983.94	$0.00	$0.00	$0.00	$794,983.94
2300	089-X-4180 - Isotope Production and Distribution Fund (P	2018	32003	Accelerato	ST0000000	C001087	2924281	ST6001034, Facility Upgrad	0	Default \	485395	CHAIP	$1,970,000.00	$0.00	$0.00	$0.00	$1,970,000.00
2300	089-X-4180 - Isotope Production and Distribution Fund (P	2019	25400	Operation	ST0000000	C001087	2924424	ST5001040, Actinium-225 T	0	Default \	0	Default Lo	$0.00	$323,000.00	$0.00	$323,000.00	$323,000.00
2300	089-X-4180 - Isotope Production and Distribution Fund (P	2019	25400	Operation	ST0000000	C001087	2720718	ST6001020, Brookhaven Lin	0	Default \	0	Default Lo	$0.00	$532,000.00	$0.00	$532,000.00	$532,000.00
2300	089-X-4180 - Isotope Production and Distribution Fund (P	2019	25400	Operation	ST0000000	C001087	2720714	ST5001020, Brookhaven Lin	0	Default \	0	Default Lo	$0.00	$350,000.00	$0.00	$350,000.00	$350,000.00
2300	089-X-4180 - Isotope Production and Distribution Fund (P	2019	25400	Operation	ST0000000	C001087	2924306	ST6001031, Production	0	Default \	0	Default Lo	$0.00	$6,981,000.00	$531,000.00	$7,512,000.00	$7,512,000.00
2300	089-X-4180 - Isotope Production and Distribution Fund (P	2016	25400	Operation	ST0000000	C001087	2924282	ST6001036, Technical Servi	0	Default \	0	Default Lo	$18,396.78	$0.00	$0.00	$0.00	$18,396.78
2300	089-X-4180 - Isotope Production and Distribution Fund (P	2017	25400	Operation	ST0000000	C001087	2924424	ST5001040, Actinium-225 T	0	Default \	0	Default Lo	$244,681.97	$0.00	$0.00	$0.00	$244,681.97
2300	089-X-4180 - Isotope Production and Distribution Fund (P	2019	25400	Operation	ST0000000	C001087	2924280	ST6001032, Hot Cell and Ot	0	Default \	0	Default Lo	$0.00	$2,142,000.00	$0.00	$2,142,000.00	$2,142,000.00
2300	089-X-4180 - Isotope Production and Distribution Fund (P	2018	25400	Operation	ST0000000	C001087	2720716	ST5002000, University Rese	0	Default \	0	Default Lo	$33,063.17	$0.00	$0.00	$0.00	$33,063.17
2300	089-X-4180 - Isotope Production and Distribution Fund (P	2015	32003	Accelerato	ST0000000	C001087	2924281	ST6001034, Facility Upgrad	0	Default \	485395	CHAIP	$70,203.23	$0.00	$0.00	$0.00	$70,203.23
2300	089-X-4180 - Isotope Production and Distribution Fund (P	2018	25400	Operation	ST0000000	C001087	2924306	ST6001031, Production	0	Default \	0	Default Lo	$2,070,079.86	$1,080,000.00	$0.00	$1,080,000.00	$3,150,079.86
2300	089-X-4180 - Isotope Production and Distribution Fund (P	2018	25400	Operation	ST0000000	C001087	2720718	ST6001020, Brookhaven Lin	0	Default \	0	Default Lo	$460,780.05	$300,000.00	$0.00	$300,000.00	$760,780.05
2300	089-X-4180 - Isotope Production and Distribution Fund (P	2018	25400	Operation	ST0000000	C001087	2924424	ST5001040, Actinium-225 T	0	Default \	0	Default Lo	$921,000.00	$0.00	$0.00	$0.00	$921,000.00
2300	089-X-4180 - Isotope Production and Distribution Fund (P	2019	25400	Operation	ST0000000	C001087	2720715	ST5001030, Other National	0	Default \	0	Default Lo	$0.00	$614,000.00	$0.00	$614,000.00	$614,000.00
2300	089-X-4180 - Isotope Production and Distribution Fund (P	2018	25400	Operation	ST0000000	C001087	2720714	ST5001020, Brookhaven Lin	0	Default \	0	Default Lo	$289,000.00	$0.00	$0.00	$0.00	$289,000.00
2300	089-X-4180 - Isotope Production and Distribution Fund (P	2014	25400	Operation	ST0000000	C001087	2720714	ST5001020, Brookhaven Lin	0	Default \	0	Default Lo	$70,772.18	$0.00	$0.00	$0.00	$70,772.18
2300	089-X-4180 - Isotope Production and Distribution Fund (P	2018	25400	Operation	ST0000000	C001087	2720715	ST5001030, Other National	0	Default \	0	Default Lo	$547,559.87	$250,000.00	$0.00	$250,000.00	$797,559.87
5300	089-X-0318 - Electricity Delivery	2016	25400	Operation	TE1200000	C002799	3123810	TE1204000, Dynamic Contr	0	Default \	0	Default Lo	$205.91	$0.00	$0.00	$0.00	$205.91
5300	089-X-0318 - Electricity Delivery	2016	25400	Operation	TE1200000	C002799	3123812	TE1206000, Advanced Secu	0	Default \	0	Default Lo	$22.70	$0.00	$0.00	$0.00	$22.70
5300	089-X-0318 - Electricity Delivery	2016	25400	Operation	TE1200000	C002799	3123792	TE1201000, Smart Grid	0	Default \	0	Default Lo	$2,262.82	$0.00	$0.00	$0.00	$2,262.82
5300	089-X-0318 - Electricity Delivery	2016	25400	Operation	TE1300000	C002800	3123804	TE1302000, Cyber for Energ	0	Default \	0	Default Lo	$200.26	$0.00	$0.00	$0.00	$200.26
5300	089-X-0318 - Electricity Delivery	2017	25400	Operation	TE1400000	C002801	3123795	TE1400000, Energy Storage	0	Default \	0	Default Lo	$260.97	$0.00	$0.00	$0.00	$260.97
5300	089-X-0318 - Electricity Delivery	2016	25400	Operation	TE1300000	C002800	3123815	TE1305000, Virtual Energy S	0	Default \	0	Default Lo	$117.37	$0.00	$0.00	$0.00	$117.37
5300	089-X-0318 - Electricity Delivery	2018	25400	Operation	TE1100000	C002798	3123785	TE1103000, Advanced Mod	0	Default \	0	Default Lo	$700,000.00	$0.00	$0.00	$0.00	$700,000.00
5300	089-X-0318 - Electricity Delivery	2016	25400	Operation	TF0000000	C002802	3123796	TF0000000, Transmission P	0	Default \	0	Default Lo	$121.66	$0.00	$0.00	$0.00	$121.66
5300	089-X-0318 - Electricity Delivery	2016	25400	Operation	TE1100000	C002798	3123789	TE1101000, Transmission R	0	Default \	0	Default Lo	$136.88	$0.00	$0.00	$0.00	$136.88
5300	089-X-0318 - Electricity Delivery	2017	25400	Operation	TE1100000	C002798	3123785	TE1103000, Advanced Mod	0	Default \	0	Default Lo	$216,741.77	$0.00	$0.00	$0.00	$216,741.77
5300	089-X-0318 - Electricity Delivery	2017	25400	Operation	TE1200000	C002799	3123811	TE1205000, Resilient Electri	0	Default \	0	Default Lo	$24,915.99	$0.00	$0.00	$0.00	$24,915.99
5300	089-X-0318 - Electricity Delivery	2017	25400	Operation	TE1200000	C002799	3123809	TE1203000, Advance Distrib	0	Default \	0	Default Lo	$621.94	$0.00	$0.00	$0.00	$621.94
5300	089-X-0318 - Electricity Delivery	2017	25400	Operation	TE1300000	C002800	3123803	TE1301000, Cyber for Energ	0	Default \	0	Default Lo	$15,077.50	$0.00	$0.00	$0.00	$15,077.50
5300	089-X-0318 - Electricity Delivery	2016	25400	Operation	TE1100000	C002798	3123802	TE1104000, Energy Systems	0	Default \	0	Default Lo	$136,065.59	$0.00	$0.00	$0.00	$136,065.59
5300	089-X-0318 - Electricity Delivery	2017	25400	Operation	TE1100000	C002798	3123816	TE1104010, Monitoring and	0	Default \	0	Default Lo	$14,277.03	$0.00	$0.00	$0.00	$14,277.03
5300	089-X-0318 - Electricity Delivery	2018	25400	Operation	TE1200000	C002799	3123811	TE1205000, Resilient Electri	0	Default \	0	Default Lo	$85,000.00	$0.00	$0.00	$0.00	$85,000.00
5300	089-X-0318 - Electricity Delivery	2019	25400	Operation	TE1100000	C002798	3123785	TE1103000, Advanced Mod	0	Default \	0	Default Lo	$0.00	$700,000.00	$0.00	$700,000.00	$700,000.00
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2017	25400	Operation	AF5800000	C000822	2720875	AF5832030, Program Asses	0	Default \	0	Default Lo	$95,817.94	$0.00	$0.00	$0.00	$95,817.94
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2016	25400	Operation	AF0400000	C002768	2720880	AF0440000, Program Suppo	0	Default \	0	Default Lo	$69.67	-$69.67	$0.00	-$69.67	$0.00
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2018	25400	Operation	AF5800000	C000822	2720955	AF5832040, Management &	0	Default \	0	Default Lo	$600,000.00	$0.00	$0.00	$0.00	$600,000.00
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2018	25400	Operation	NT0000000	C003240	2720882	NT0402000, National Scient	0	Default \	0	Default Lo	$82,982.75	$0.00	$0.00	$0.00	$82,982.75
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2018	25400	Operation	AF5800000	C000822	2720875	AF5832030, Program Asses	0	Default \	0	Default Lo	$536,000.00	$0.00	$0.00	$0.00	$536,000.00
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2017	25400	Operation	AF5800000	C000822	2720625	AF5855000, Fuel Resources	0	Default \	0	Default Lo	$349.62	$0.00	$0.00	$0.00	$349.62
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2019	25400	Operation	AF5800000	C000822	2720875	AF5832030, Program Asses	0	Default \	0	Default Lo	$0.00	$39,984.00	$11,016.00	$51,000.00	$51,000.00
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2017	25400	Operation	AF5800000	C000822	2720965	AF5861010, Spent Fuel and	0	Default \	0	Default Lo	$880.51	$0.00	$0.00	$0.00	$880.51
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2018	25400	Operation	RC0000000	C003241	2720978	RC0504000, Program Asses	0	Default \	0	Default Lo	$1,959.17	$0.00	$0.00	$0.00	$1,959.17
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2013	25400	Operation	NT0000000	C003240	2720775	NT0104000, Reactor Materi	0	Default \	0	Default Lo	$15,625.67	-$15,625.67	$0.00	-$15,625.67	$0.00
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2018	25400	Operation	AF5800000	C000822	2720667	AF5810000, Advanced Fuel	0	Default \	0	Default Lo	$66,204.83	$0.00	$0.00	$0.00	$66,204.83
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2019	25400	Operation	AF5800000	C000822	2720667	AF5810000, Advanced Fuel	0	Default \	0	Default Lo	$0.00	$535,072.00	$264,928.00	$800,000.00	$800,000.00
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2014	25400	Operation	AF5800000	C000822	2720875	AF5832030, Program Asses	0	Default \	0	Default Lo	$225,721.21	$0.00	$0.00	$0.00	$225,721.21
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2019	25400	Operation	NT0000000	C003240	2720882	NT0402000, National Scient	0	Default \	0	Default Lo	$0.00	$500,000.00	$0.00	$500,000.00	$500,000.00
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2019	25400	Operation	AF5800000	C000822	2720703	AF5835000, Safeguards	0	Default \	0	Default Lo	$0.00	$64,184.00	$35,816.00	$100,000.00	$100,000.00
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2019	25400	Operation	RC0000000	C003241	2720992	RC0603000, Management a	0	Default \	0	Default Lo	$0.00	$125,000.00	$0.00	$125,000.00	$125,000.00

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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
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2018	25400	Operation	NT0000000	C003240	2720928	NT0503000, Integrated Perf	0	Default \	0	Default Lo	$274,950.00	$0.00	$0.00	$0.00	$274,950.00
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2017	25400	Operation	RC0000000	C003241	2720918	RC0424000, ARC Internatio	0	Default \	0	Default Lo	$368.52	$0.00	$0.00	$0.00	$368.52
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2019	25400	Operation	AF5800000	C000822	2720874	AF5832020, Systems Analys	0	Default \	0	Default Lo	$0.00	$329,563.00	$153,437.00	$483,000.00	$483,000.00
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2019	25400	Operation	RC0000000	C003241	2720978	RC0504000, Program Asses	0	Default \	0	Default Lo	$0.00	$102,000.00	$0.00	$102,000.00	$102,000.00
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2018	25400	Operation	AF5800000	C000822	2720874	AF5832020, Systems Analys	0	Default \	0	Default Lo	$44,460.21	$0.00	$0.00	$0.00	$44,460.21
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2018	25400	Operation	AF5800000	C000822	2720703	AF5835000, Safeguards	0	Default \	0	Default Lo	$9,411.85	$0.00	$0.00	$0.00	$9,411.85
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2018	25400	Operation	GT0000000	C002910	1005623	GT0200000, Low Temperat	0	Default \	0	Default Lo	$142,141.00	$0.00	$0.00	$0.00	$142,141.00
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2018	25400	Operation	HT0000000	C002796	1009190	HT0100000, Fuel Cell Syster	0	Default \	0	Default Lo	$500,000.00	$0.00	$0.00	$0.00	$500,000.00
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2018	25400	Operation	GT0000000	C002910	1005613	GT0300000, Hydrothermal	0	Default \	0	Default Lo	$247,868.06	$0.00	$0.00	$0.00	$247,868.06
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2016	25400	Operation	HT0000000	C002796	1009190	HT0100000, Fuel Cell Syster	0	Default \	302017	TCF Fundir	$294.34	$0.00	$0.00	$0.00	$294.34
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2019	25400	Operation	VT0000000	C001096	1005554	VT1201000, Batteries & Ele	0	Default \	0	Default Lo	$0.00	$2,690,000.00	$0.00	$2,690,000.00	$2,690,000.00
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2017	25400	Operation	VT0000000	C001096	1005556	VT1301000, Vehicle and Sys	0	Default \	0	Default Lo	$7,401.00	$0.00	$0.00	$0.00	$7,401.00
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2018	25400	Operation	BT0000000	C000848	1004210	BT0101000, Research and D	0	Default \	0	Default Lo	$31,868.07	$0.00	$0.00	$0.00	$31,868.07
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2016	25400	Operation	ED0000000	C000949	1009209	ED2701000, Next Generatio	0	Default \	0	Default Lo	$491,168.00	$0.00	$0.00	$0.00	$491,168.00
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2014	25400	Operation	BM0000000	C002732	1009218	BM0107000, Biopower	0	Default \	0	Default Lo	$1,252.09	$0.00	$0.00	$0.00	$1,252.09
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2017	25400	Operation	HT0000000	C002796	1009190	HT0100000, Fuel Cell Syster	0	Default \	0	Default Lo	$8,408.74	$0.00	$0.00	$0.00	$8,408.74
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2016	25400	Operation	VT0000000	C001096	1005556	VT1301000, Vehicle and Sys	0	Default \	0	Default Lo	$5,774.29	$0.00	$0.00	$0.00	$5,774.29
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2018	25400	Operation	SL0000000	C002911	1005622	SL0200000, Photovoltaic R&	0	Default \	0	Default Lo	$20,000.00	$0.00	$0.00	$0.00	$20,000.00
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2018	25400	Operation	VT0000000	C001096	1005554	VT1201000, Batteries & Ele	0	Default \	0	Default Lo	$2,563,089.11	$0.00	$0.00	$0.00	$2,563,089.11
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2016	25400	Operation	HT0000000	C002796	1009198	HT0800000, Technology Val	0	Default \	0	Default Lo	$714.20	$0.00	$0.00	$0.00	$714.20
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2016	25400	Operation	PG0000000	C002840	1005604	PG0400000, Innovation & D	0	Default \	0	Default Lo	$40,972.14	$0.00	$0.00	$0.00	$40,972.14
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2019	25400	Operation	HT0000000	C002796	1009190	HT0100000, Fuel Cell Syster	0	Default \	0	Default Lo	$0.00	$300,000.00	$0.00	$300,000.00	$300,000.00
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2017	25400	Operation	SL0000000	C002911	1005616	SL0300000, Systems Integra	0	Default \	0	Default Lo	$1,144,050.20	$0.00	$0.00	$0.00	$1,144,050.20
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2017	25400	Operation	HT0000000	C002796	2223156	HT1100000, Technology Acc	0	Default \	0	Default Lo	$2,577.39	$0.00	$0.00	$0.00	$2,577.39
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2015	25400	Operation	ED0000000	C000949	1009209	ED2701000, Next Generatio	0	Default \	0	Default Lo	$38,883.50	$0.00	$0.00	$0.00	$38,883.50
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2018	25400	Operation	SL0000000	C002911	1005616	SL0300000, Systems Integra	0	Default \	0	Default Lo	$0.00	$0.00	$226,224.00	$226,224.00	$226,224.00
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2014	25400	Operation	GT0000000	C002910	1005612	GT0100000, Enhanced Geot	0	Default \	0	Default Lo	$6,283.33	$0.00	$0.00	$0.00	$6,283.33
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2019	25400	Operation	SL0000000	C002911	1005616	SL0300000, Systems Integra	0	Default \	0	Default Lo	$0.00	$0.00	$123,776.00	$123,776.00	$123,776.00
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2018	25400	Operation	BT0000000	C000848	1004219	BT0304030, Buildings-to-Gr	0	Default \	0	Default Lo	$668,131.93	$0.00	$0.00	$0.00	$668,131.93
5489	089-16/17-0321 - EERE Reimbursable Work with Other Federal A	2016	25400	Operation	456100000	C003005	6600073	456140358, Other Federal A	4861011	CHAGRG	302027	OTT 16-17	$139,579.00	$0.00	$0.00	$0.00	$139,579.00
5498	089-X-0321 - EERE Reimbursable Work with Non-Federal Ent	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Dom	4860966	CHAGR8	0	Default Lo	$21,653.25	$0.00	$0.00	$0.00	$21,653.25
5499	089-X-0321 - EERE Reimbursable Work with Other Federal A	2014	25400	Operation	456100000	C003005	6600072	456140357, Department of	3011110	CRAGRS-	0	Default Lo	$45.77	$0.00	$0.00	$0.00	$45.77
5499	089-X-0321 - EERE Reimbursable Work with Other Federal A	2014	25400	Operation	456100000	C003005	6600072	456140357, Department of	3012882	CRAGR 1	0	Default Lo	$638.50	$0.00	$0.00	$0.00	$638.50
5499	089-X-0321 - EERE Reimbursable Work with Other Federal A	2016	25400	Operation	456100000	C003005	6600072	456140357, Department of	3012199	CRAGR-S	0	Default Lo	$25,808.25	$0.00	$0.00	$0.00	$25,808.25
6600	089X0337 - Energy Transformation Acceleration Fund - A	2014	25400	Operation	CJ0100000	C002599	3166012	CJ0100000, ARPA-E Projects	0	Default \	1249	CHARPA-0(	$34,392.47	$0.00	$0.00	$0.00	$34,392.47
6600	089X0337 - Energy Transformation Acceleration Fund - A	2017	25400	Operation	CJ0100000	C002599	3166012	CJ0100000, ARPA-E Projects	0	Default \	1352	ARPA-E Lal	$180,000.00	$0.00	$0.00	$0.00	$180,000.00
6600	089X0337 - Energy Transformation Acceleration Fund - A	2014	25400	Operation	CJ0100000	C002599	3166012	CJ0100000, ARPA-E Projects	0	Default \	1250	CHARPA-0(	$207.88	$0.00	$0.00	$0.00	$207.88
6600	089X0337 - Energy Transformation Acceleration Fund - A	2016	25400	Operation	CJ0100000	C002599	3166012	CJ0100000, ARPA-E Projects	0	Default \	1314	ARPA-E Lal	$261,155.08	$0.00	$0.00	$0.00	$261,155.08
6600	089X0337 - Energy Transformation Acceleration Fund - A	2014	25400	Operation	CJ0100000	C002599	3166012	CJ0100000, ARPA-E Projects	0	Default \	0	Default Lo	$1,823.77	$0.00	$0.00	$0.00	$1,823.77
6632	089-19/20-0337 - ARPA-E Program Direction	2019	25400	Operation	CJ0200000	C002600	3166013	CJ0200000, Program Directi	0	Default \	0	Default Lo	$0.00	$5,000.00	$0.00	$5,000.00	$5,000.00

Non-Appropriated Total	**$23,990,556.51**	**$38,162,495.10**	**$7,566,947.38**	**$45,729,442.48**	**$69,719,998.99**
Other Federal Agency Total	**$47,998,755.98**	**$13,241,118.29**	**$8,000.00**	**$13,249,118.29**	**$61,247,874.27**
DOE Appropriated Total	**$241,222,427.47**	**$551,966,774.29**	**$13,287,502.00**	**$565,254,276.29**	**$806,476,703.76**

SF-30 Total	**$313,211,739.96**	**$603,370,387.68**	**$20,862,449.38**	**$624,232,837.06**	**$937,444,577.02**

FPDS-NG Total [Action Obligation]	**$13,295,502.00**
FPDS-NG Total [Base And Exercised Options Value]	**$20,862,449.38**
FPDS-NG Total [Base And All Options Value]	**$20,862,449.38**

BROOKHAVEN NATIONAL LABORATORY
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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
															$20,854,449.38		

Agency	Obligation Change Amount
Department of Homeland Security	8,000.00
Work for Others Funds Associated with Federal Agencies:	8,000.00
Total DOE Funds:	13,287,502.00
Total Non-Appropriated Funds:	7,566,947.38
Grand Total:	20,862,449.38