

BROOKHAVEN NATIONAL LABORATORY  
 CONTRACT MOD # 0167 [May Financial]  
 DE-SC0012704

Fund Code	Fund Code Title	Appropriation Year	Object Class	Object 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 Pov 0		Default WI 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	2016	25400	Operation AA6000000	C002841	1611051	AA6010000, Advanced Combust 0		Default WI 302017	TCF Fundir		\$70,469.99	\$0.00	\$0.00	\$0.00	\$70,469.99
150	089-X-0213	- Fossil Energy Research and Development (FER	2017	25400	Operation AA6000000	C002841	1611051	AA6010000, Advanced Combust 0		Default WI 302017	TCF Fundir		\$121,207.00	\$0.00	\$0.00	\$0.00	\$121,207.00
500	089-X-0222	- Science Primary Fund (was WA)	2017	25400	Operation KC0000000	C002853	2924295	KC0202050, Physical Behavior o 0		Default WI 0	Default Lo		\$6,273.76	\$0.00	\$0.00	\$0.00	\$6,273.76
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation KJ0000000	C001018	2924476	KJ0403010, Computational Parti 0		Default WI 0	Default Lo		\$328,000.00	\$0.00	\$0.00	\$328,000.00	\$328,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation KC0000000	C002853	2924242	KC0403020, Center for Function 0		Default WI 0	Default Lo		\$11,530,578.90	-\$2,577,713.04	\$0.00	-\$2,577,713.04	\$8,952,865.86
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Acr 0		Default WI 0	Default Lo		\$17,768,332.51	\$0.00	\$0.00	\$0.00	\$17,768,332.51
500	089-X-0222	- Science Primary Fund (was WA)	2018	25400	Operation KC0000000	C002853	2924193	KC0307010, Energy Frontier Res 0		Default WI 0	Default Lo		\$237,487.39	\$0.00	\$0.00	\$0.00	\$237,487.39
500	089-X-0222	- Science Primary Fund (was WA)	2018	31003	Other Equ KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHIC Exp 0		Default WI 485396	CHEQU		\$797,555.36	\$0.00	\$0.00	\$0.00	\$797,555.36
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation KA0000000	C002852	2924348	KA2302010, Experimental Oper: 0		Default WI 0	Default Lo		\$0.00	\$175,000.00	\$0.00	\$175,000.00	\$175,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2018	25400	Operation KP0000000	C001024	2924200	KP1601010, Foundational Genoi 0		Default WI 0	Default Lo		\$1,344,931.41	\$0.00	\$0.00	\$0.00	\$1,344,931.41
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation KC0000000	C002853	2923807	KC0302010, Chemical Energy 0		Default WI 0	Default Lo		\$1,940,003.60	\$0.00	\$0.00	\$0.00	\$1,940,003.60
500	089-X-0222	- Science Primary Fund (was WA)	2020	31003	Other Equ KC0000000	C002853	2924242	KC0403020, Center for Function 0		Default WI 485396	CHEQU		\$0.00	\$4,455,000.00	\$0.00	\$4,455,000.00	\$4,455,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation KP0000000	C001024	2924995	KP1703000, Earth and Environm 0		Default WI 0	Default Lo		\$576,349.41	\$0.00	\$0.00	\$0.00	\$576,349.41
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation KP0000000	C001024	2924203	KP1601040, Computational Bios 0		Default WI 0	Default Lo		\$2,330,000.00	\$0.00	\$0.00	\$0.00	\$2,330,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation KP0000000	C001024	2924203	KP1601040, Computational Bios 0		Default WI 0	Default Lo		\$430,000.00	\$0.00	\$0.00	\$430,000.00	\$430,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation KJ0000000	C001018	2924510	KJ0402030, Computer Sciences - 0		Default WI 0	Default Lo		\$0.00	\$500,000.00	\$0.00	\$500,000.00	\$500,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2015	25400	Operation KP0000000	C001024	2924417	KP1606000, Mesoscale to Moler 0		Default WI 0	Default Lo		\$67,264.21	\$0.00	\$0.00	\$0.00	\$67,264.21
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation KA0000000	C002852	2924380	KA2601020, National Laboratori 0		Default WI 0	Default Lo		\$2,108,000.00	\$0.00	\$0.00	\$0.00	\$2,108,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation FS1000000	C000984	2923652	FS1001000, Protective Forces 0		Default WI 0	Default Lo		\$0.00	\$6,761,000.00	\$0.00	\$6,761,000.00	\$6,761,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation KJ0000000	C001018	2924516	KJ0403040, Computational Parti 0		Default WI 0	Default Lo		\$142,448.06	\$0.00	\$0.00	\$0.00	\$142,448.06
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation KC0000000	C002853	2924506	KC0202031, Theoretical Conden 0		Default WI 0	Default Lo		\$950,597.90	\$0.00	\$0.00	\$0.00	\$950,597.90
500	089-X-0222	- Science Primary Fund (was WA)	2018	25400	Operation KC0000000	C002853	2924300	KC0304030, DO NOT USE!!! Solz: 0		Default WI 0	Default Lo		\$30,620.95	\$0.00	\$0.00	\$0.00	\$30,620.95
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation KC0000000	C002853	2924504	KC0202021, Experimental Condr 0		Default WI 0	Default Lo		\$2,198,710.03	\$0.00	\$0.00	\$0.00	\$2,198,710.03
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation KP0000000	C001024	2924204	KP1601050, Bioenergy Research 0		Default WI 0	Default Lo		\$158,276.45	\$0.00	\$0.00	\$0.00	\$158,276.45
500	089-X-0222	- Science Primary Fund (was WA)	2017	25400	Operation KC0000000	C002853	2923775	KC0202030, DO NOT USE!!! Cor 0		Default WI 0	Default Lo		\$305.56	\$0.00	\$0.00	\$0.00	\$305.56
500	089-X-0222	- Science Primary Fund (was WA)	2019	31003	Other Equ KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Acr 0		Default WI 485396	CHEQU		\$1,849,000.00	\$0.00	\$0.00	\$0.00	\$1,849,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation KP0000000	C001024	2924995	KP1703000, Earth and Environm 0		Default WI 0	Default Lo		\$0.00	\$445,000.00	\$0.00	\$445,000.00	\$445,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	32003	Accelerato KC0000000	C002853	2924233	KC0401040, National Synchrotrc 0		Default WI 485395	CHAIP		\$0.00	\$700,000.00	\$0.00	\$700,000.00	\$700,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation KL0000000	C001021	2924407	KL1002000, Community College 0		Default WI 0	Default Lo		\$83,278.51	-\$20,000.00	\$0.00	-\$20,000.00	\$63,278.51
500	089-X-0222	- Science Primary Fund (was WA)	2018	25400	Operation KP0000000	C001024	2924462	KP1703040, DO NOT USE!!! Clin 0		Default WI 0	Default Lo		\$525,530.65	-\$292,629.77	\$0.00	-\$292,629.77	\$232,900.88
500	089-X-0222	- Science Primary Fund (was WA)	2018	25400	Operation KP0000000	C001024	2924209	KP1605010, Structural Biology li 0		Default WI 0	Default Lo		\$41,509.65	\$0.00	\$0.00	\$0.00	\$41,509.65
500	089-X-0222	- Science Primary Fund (was WA)	2019	31003	Other Equ KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHIC Exp 0		Default WI 485396	CHEQU		\$1,456,000.00	\$0.00	\$0.00	\$0.00	\$1,456,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation KP0000000	C001024	2924212	KP1702010, Terrestrial Ecosyste 0		Default WI 0	Default Lo		\$0.00	\$500,000.00	\$0.00	\$500,000.00	\$500,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2018	25400	Operation KP0000000	C001024	2924514	KP1606010, DO NOT USE!!! - Mi 0		Default WI 0	Default Lo		\$2,094,649.43	\$0.00	\$0.00	\$0.00	\$2,094,649.43
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation KA0000000	C002852	2924496	KA2602020, Accelerator Test Fa 0		Default WI 0	Default Lo		\$0.00	\$4,800,000.00	\$0.00	\$4,800,000.00	\$4,800,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation KC0000000	C002853	2923807	KC0302010, Chemical Energy 0		Default WI 0	Default Lo		\$0.00	\$3,245,000.00	\$0.00	\$3,245,000.00	\$3,245,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation KA0000000	C002852	2924325	KA2201020, National Laboratori 0		Default WI 0	Default Lo		\$2,645,827.48	\$0.00	\$0.00	\$0.00	\$2,645,827.48
500	089-X-0222	- Science Primary Fund (was WA)	2019	32003	Accelerato KC0000000	C002853	2924233	KC0401040, National Synchrotrc 0		Default WI 485395	CHAIP		\$4,200,000.00	\$0.00	\$0.00	\$0.00	\$4,200,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2014	25400	Operation KB0000000	C001009	2923741	KB0281011, Nuclear Physics - RI 0		Default WI 0	Default Lo		\$7,107.43	\$0.00	\$0.00	\$0.00	\$7,107.43
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation KA0000000	C002852	2924357	KA2401021, Scientific Discovery 0		Default WI 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 KL0000000	C001021	2924408	KL1003000, Visiting Faculty Prog 0		Default WI 0	Default Lo		\$450,000.00	\$0.00	\$0.00	\$0.00	\$450,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation KA0000000	C002852	2924326	KA2201030, University Service A 0		Default WI 0	Default Lo		\$55,000.00	\$0.00	\$0.00	\$0.00	\$55,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation KB0000000	C001009	2925129	KB0202051, Electron Ion Collide 0		Default WI 0	Default Lo		\$0.00	\$6,500,000.00	\$0.00	\$6,500,000.00	\$6,500,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2017	25400	Operation KC0000000	C002853	2923774	KC0202020, DO NOT USE!!! Exp 0		Default WI 0	Default Lo		\$7,280.81	-\$938.66	\$0.00	-\$938.66	\$6,342.15
500	089-X-0222	- Science Primary Fund (was WA)	2019	32001	Constructi 39KG01000	C003087	2924481	39KG01000PRN175C73000, 17- 0		Default WI 0	Default Lo		\$42,200,000.00	\$0.00	\$0.00	\$0.00	\$42,200,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation KB0000000	C001009	2923733	KB0201021, Heavy Ion, RHIC Res: 0		Default WI 0	Default Lo		\$0.00	\$6,619,000.00	\$0.00	\$6,619,000.00	\$6,619,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation KP0000000	C001024	2924993	KP1607010, Biomolecular Chara 0		Default WI 0	Default Lo		\$3,068,783.11	\$0.00	\$0.00	\$0.00	\$3,068,783.11
500	089-X-0222	- Science Primary Fund (was WA)	2019	31001	Major Item KA0000000	C002852	2924320	KA2103011, MIE 0		Default WI 485498	CHEQU		\$18,525,630.59	\$0.00	\$0.00	\$0.00	\$18,525,630.59
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation FS1000000	C000984	2923653	FS1002000, Security Systems 0		Default WI 0	Default Lo		\$508,702.69	\$0.00	\$0.00	\$0.00	\$508,702.69

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500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation KP0000000		C001024	2924200	KP1601010, Foundational Genoi		Default W/O			\$0.00	\$980,000.00	\$0.00	\$980,000.00	\$980,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation KA0000000		C002852	2924358	KA2401022, Scientific Computin		Default W/O			\$0.00	\$675,000.00	\$0.00	\$675,000.00	\$675,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation KC0000000		C002853	3023325	KC0203020, Synthesis and Procc		Default W/O			\$280,952.16	\$0.00	\$0.00	\$0.00	\$280,952.16
500	089-X-0222	- Science Primary Fund (was WA)	2018	25400	Operation FS1000000		C000984	2923657	FS1007000, Material Control an		Default W/O			\$15,266.81	\$0.00	\$0.00	\$0.00	\$15,266.81
500	089-X-0222	- Science Primary Fund (was WA)	2018	25400	Operation KA0000000		C002852	2924314	KA2101030, University Service A		Default W/O			\$187,277.71	\$0.00	\$0.00	\$0.00	\$187,277.71
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation KA0000000		C002852	2924369	KA2501022, Muon Accelerators		Default W/O			\$43,257.33	\$0.00	\$0.00	\$0.00	\$43,257.33
500	089-X-0222	- Science Primary Fund (was WA)	2020	32001	Constructi 39KA00000		C002786	2924263	39KA00000PRN11SC40000, 11- <sup>9</sup>		Default W/O			\$0.00	\$2,942,000.00	\$0.00	\$2,942,000.00	\$2,942,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2017	31001	Major Item KA0000000		C002852	2924320	KA2103011, MIE		Default W/O	485486	CHEQUMII	\$838,523.42	-\$791,376.50	\$0.00	-\$791,376.50	\$47,146.92
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation FS1000000		C000984	2923656	FS1006000, Personnel Security		Default W/O			\$0.00	\$553,000.00	\$0.00	\$553,000.00	\$553,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation KC0000000		C002853	2924233	KC0401040, National Synchrotr		Default W/O			\$0.00	\$116,164,000.00	\$0.00	\$116,164,000.00	\$116,164,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation KC0000000		C002853	2924405	KC0201060, Neutron and X-Ray		Default W/O			\$0.00	\$2,945,000.00	\$0.00	\$2,945,000.00	\$2,945,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation KB0000000		C001009	2923746	KB0301020, Theory, National La		Default W/O			\$1,116,615.27	\$0.00	\$0.00	\$0.00	\$1,116,615.27
500	089-X-0222	- Science Primary Fund (was WA)	2017	32003	Accelerato KA0000000		C002852	2924382	KA2602010, Accelerator Operati		Default W/O	485395	CHAIP	\$185,727.18	\$0.00	\$0.00	\$0.00	\$185,727.18
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation KA0000000		C002852	2924328	KA2202010, Experimental Oper:		Default W/O			\$868,553.09	\$0.00	\$0.00	\$0.00	\$868,553.09
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation FS1000000		C000984	2923657	FS1007000, Material Control an		Default W/O			\$0.00	\$666,000.00	\$0.00	\$666,000.00	\$666,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation KA0000000		C002852	2924313	KA2101020, National Laboratori		Default W/O			\$0.00	\$5,440,000.00	\$0.00	\$5,440,000.00	\$5,440,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation KP0000000		C001024	2924204	KP1601050, Bioenergy Research		Default W/O			\$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)	2019	25400	Operation KA0000000		C002852	2924496	KA2602020, Accelerator Test Fa		Default W/O			\$443,959.88	\$0.00	\$0.00	\$0.00	\$443,959.88
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation KA0000000		C002852	2924317	KA2102021, ATLAS Detector anc		Default W/O			\$13,203,817.01	\$0.00	\$0.00	\$0.00	\$13,203,817.01
500	089-X-0222	- Science Primary Fund (was WA)	2017	25400	Operation KA0000000		C002852	2924363	KA2403013, Other Projects		Default W/O			\$160.35	-\$160.35	\$0.00	-\$160.35	\$0.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation KB0000000		C001009	2923721	KB0101022, Medium Energy, Ot		Default W/O			\$0.00	\$1,430,000.00	\$0.00	\$1,430,000.00	\$1,430,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation KA0000000		C002852	2924346	KA2301020, National Laboratori		Default W/O			\$482,872.27	\$0.00	\$0.00	\$0.00	\$482,872.27
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation KC0000000		C002853	2924506	KC0202031, Theoretical Conden		Default W/O			\$0.00	\$1,988,000.00	\$0.00	\$1,988,000.00	\$1,988,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2018	31003	Other Equ KB0000000		C001009	2923736	KB0202011, Heavy Ion, RHIC Acr		Default W/O	485396	CHEQU	\$824,000.00	\$0.00	\$0.00	\$0.00	\$824,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation AT0000000		C000840	2925051	AT1050000, Innovation Networ		Default W/O			\$0.00	\$160,000.00	\$0.00	\$160,000.00	\$160,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation KC0000000		C002853	2924305	KC0406020, Accelerator and De		Default W/O			\$800,000.00	\$0.00	\$0.00	\$0.00	\$800,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation KP0000000		C001024	2924200	KP1601010, Foundational Genoi		Default W/O			\$2,771,000.00	\$0.00	\$0.00	\$0.00	\$2,771,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2018	25400	Operation KP0000000		C001024	2924216	KP1703020, DO NOT USE!!! Ear		Default W/O			\$86,015.98	\$0.00	\$0.00	\$0.00	\$86,015.98
500	089-X-0222	- Science Primary Fund (was WA)	2018	25400	Operation KC0000000		C002853	2924460	KC0301050, DO NOT USE!!! Con		Default W/O			\$8.95	\$0.00	\$0.00	\$0.00	\$8.95
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation KC0000000		C002853	2924245	KC0403050, Center for Integrat		Default W/O			\$16,414.96	\$0.00	\$0.00	\$0.00	\$16,414.96
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation KA0000000		C002852	2924366	KA2501012, National Laboratori		Default W/O			\$111,366.64	\$0.00	\$0.00	\$0.00	\$111,366.64
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation FS1000000		C000984	2923657	FS1007000, Material Control an		Default W/O			\$709,000.00	\$0.00	\$0.00	\$0.00	\$709,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation KA0000000		C002852	2924313	KA2101020, National Laboratori		Default W/O			\$3,650,135.33	\$0.00	\$0.00	\$0.00	\$3,650,135.33
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation KA0000000		C002852	2924325	KA2201020, National Laboratori		Default W/O			\$0.00	\$5,886,000.00	\$0.00	\$5,886,000.00	\$5,886,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation KC0000000		C002853	2924299	KC0304020, Physical Bioscience:		Default W/O			\$0.00	\$3,177,000.00	\$0.00	\$3,177,000.00	\$3,177,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	32002	General Pl KG0700000		C002925	2924416	KG0701000, Facilities and Infras		Default W/O	485403	CHGPP	\$0.00	\$7,500,000.00	\$0.00	\$7,500,000.00	\$7,500,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation KA0000000		C002852	2925070	KA2501015, Traineeships		Default W/O			\$0.00	\$33,000.00	\$0.00	\$33,000.00	\$33,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation KA0000000		C002852	2924358	KA2401022, Scientific Computin		Default W/O			\$424,442.87	\$0.00	\$0.00	\$0.00	\$424,442.87
500	089-X-0222	- Science Primary Fund (was WA)	2018	32001	Constructi 39KG01000		C003087	2924481	39KG01000PRN175C73000, 17- <sup>0</sup>		Default W/O			\$23,967,852.43	\$0.00	\$0.00	\$0.00	\$23,967,852.43
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation KC0000000		C002853	2924233	KC0401040, National Synchrotr		Default W/O			\$26,835,229.75	\$0.00	\$0.00	\$0.00	\$26,835,229.75
500	089-X-0222	- Science Primary Fund (was WA)	2018	25400	Operation KC0000000		C002853	2923803	KC0301020, DO NOT USE!!! Che		Default W/O			\$3.83	\$0.00	\$0.00	\$0.00	\$3.83
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation KC0000000		C002853	2923769	KC0201010, Structure Of Materi		Default W/O			\$0.00	\$2,745,000.00	\$0.00	\$2,745,000.00	\$2,745,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	31001	Major Item KB0000000		C001009	2923737	KB0202012, Heavy Ion, RHIC Exp		Default W/O	485499	CHEQUMII	\$4,440,831.74	\$0.00	\$0.00	\$0.00	\$4,440,831.74
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation KC0000000		C002853	2924294	KC0202040, Mechanical Behav		Default W/O			\$0.00	\$190,000.00	\$0.00	\$190,000.00	\$190,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2018	25400	Operation KA0000000		C002852	2924319	KA2102090, Other Facilities		Default W/O			\$310.62	\$0.00	\$0.00	\$0.00	\$310.62
500	089-X-0222	- Science Primary Fund (was WA)	2018	25400	Operation KC0000000		C002853	2924447	KC0213010, Computational Mat		Default W/O			\$785,276.27	\$0.00	\$0.00	\$0.00	\$785,276.27
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation KA0000000		C002852	2924346	KA2301020, National Laboratori		Default W/O			\$0.00	\$1,110,000.00	\$0.00	\$1,110,000.00	\$1,110,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2018	25400	Operation KB0000000		C001009	2923752	KB0301052, Theory, SciDAC, Na		Default W/O			\$278,400.45	\$0.00	\$0.00	\$0.00	\$278,400.45
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation FS1000000		C000984	2923652	FS1001000, Protective Forces		Default W/O			\$1,334,865.99	\$0.00	\$0.00	\$0.00	\$1,334,865.99
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation KC0000000		C002853	3023325	KC0203020, Synthesis and Procc		Default W/O			\$0.00	\$2,453,000.00	\$0.00	\$2,453,000.00	\$2,453,000.00

BROOKHAVEN NATIONAL LABORATORY  
CONTRACT MOD # 0167 [May 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
500	089-X-0222 - Science Primary Fund (was WA)	2017	25400	Operation KJ0000000		C001018	2924137	KJ0404000, Next Generation Ne		Default W/0	Default Lo		\$1,761.52	-\$1,761.52	\$0.00	-\$1,761.52	\$0.00
500	089-X-0222 - Science Primary Fund (was WA)	2020	31003	Other Equ KB0000000		C001009	2923736	KB0202011, Heavy Ion, RHIC Ac		Default W/485396	CHEQU		\$0.00	\$830,000.00	\$0.00	\$830,000.00	\$830,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation KC0000000		C002853	2924193	KC0307010, Energy Frontier Res		Default W/0	Default Lo		\$2,087,130.00	\$0.00	\$0.00	\$0.00	\$2,087,130.00
500	089-X-0222 - Science Primary Fund (was WA)	2014	25400	Operation KB0000000		C001009	2923728	KB0181012, Nuclear Physics - Bl		Default W/0	Default Lo		\$34,228.17	\$0.00	\$0.00	\$0.00	\$34,228.17
500	089-X-0222 - Science Primary Fund (was WA)	2020	32001	Constructi 39KG01000		C003227	2924984	39KG01000PRN19SC71000, 19-		Default W/0	Default Lo		\$0.00	\$17,477,636.00	\$0.00	\$17,477,636.00	\$17,477,636.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation KJ0000000		C001018	2924474	KJ0402010, Computer Sciences -		Default W/0	Default Lo		\$451,512.00	\$0.00	\$0.00	\$0.00	\$451,512.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation FS1000000		C000984	2923656	FS1006000, Personnel Security		Default W/0	Default Lo		\$143,097.03	\$0.00	\$0.00	\$0.00	\$143,097.03
500	089-X-0222 - Science Primary Fund (was WA)	2018	32003	Accelerato KC0000000		C002853	2924233	KC0401040, National Synchrotr		Default W/485395	CHAIP		\$111,349.54	\$0.00	\$0.00	\$0.00	\$111,349.54
500	089-X-0222 - Science Primary Fund (was WA)	2020	25400	Operation KA0000000		C002852	2924356	KA2401019, Other Research		Default W/0	Default Lo		\$0.00	\$231,000.00	\$0.00	\$231,000.00	\$231,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation KP0000000		C001024	2924211	KP1701000, Atmospheric Syster		Default W/0	Default Lo		\$1,428,661.09	\$0.00	\$0.00	\$0.00	\$1,428,661.09
500	089-X-0222 - Science Primary Fund (was WA)	2014	25400	Operation KC0000000		C002853	2924248	KC0404040, National Synchrotr		Default W/0	Default Lo		\$2,840,641.00	\$0.00	\$0.00	\$0.00	\$2,840,641.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation KA0000000		C002852	2924336	KA2202090, Other Facilities		Default W/0	Default Lo		\$169,868.66	\$0.00	\$0.00	\$0.00	\$169,868.66
500	089-X-0222 - Science Primary Fund (was WA)	2020	25400	Operation FS1000000		C000984	2923655	FS1005000, Cyber Security		Default W/0	Default Lo		\$0.00	\$3,170,000.00	\$0.00	\$3,170,000.00	\$3,170,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	32002	General Pl KG0700000		C002925	2924416	KG0701000, Facilities and Infr		Default W/0	Default Lo		\$10,065,373.45	\$0.00	\$0.00	\$0.00	\$10,065,373.45
500	089-X-0222 - Science Primary Fund (was WA)	2020	25400	Operation KB0000000		C001009	2923749	KB0301042, Theory, Nuclear Da		Default W/0	Default Lo		\$0.00	\$3,513,000.00	\$0.00	\$3,513,000.00	\$3,513,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2016	25400	Operation KP0000000		C001024	2924205	KP1602010, Radiochemistry anc		Default W/0	Default Lo		\$4,286.34	\$0.00	\$0.00	\$0.00	\$4,286.34
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation FS1000000		C000984	2923658	FS1009000, Program Managem		Default W/0	Default Lo		\$297,414.40	\$0.00	\$0.00	\$0.00	\$297,414.40
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation KJ0000000		C001018	2924134	KJ0401000, Applied Mathematic		Default W/0	Default Lo		\$101,496.52	\$0.00	\$0.00	\$0.00	\$101,496.52
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation KC0000000		C002853	2924447	KC0213010, Computational Mat		Default W/0	Default Lo		\$1,774,000.00	\$0.00	\$0.00	\$0.00	\$1,774,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation KA0000000		C002852	2924489	KA2401032, QIS Research - Nati		Default W/0	Default Lo		\$1,148,358.93	\$0.00	\$0.00	\$0.00	\$1,148,358.93
500	089-X-0222 - Science Primary Fund (was WA)	2019	31001	Major Item KA0000000		C002852	2924320	KA2103011, MIE	0	Default W/485496	CHEQU		\$2,441,780.26	\$0.00	\$0.00	\$0.00	\$2,441,780.26
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation KA0000000		C002852	2924320	KA2103011, MIE		Default W/485493	CHOPEMII		\$990,040.45	\$0.00	\$0.00	\$0.00	\$990,040.45
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation KB0000000		C001009	2923752	KB0301052, Theory, SciDAC, Na		Default W/0	Default Lo		\$347,000.00	\$0.00	\$0.00	\$0.00	\$347,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2020	25400	Operation KA0000000		C002852	2924336	KA2202090, Other Facilities		Default W/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)	2020	25400	Operation KP0000000		C001024	2924993	KP1607010, Biomolecular Chara		Default W/0	Default Lo		\$0.00	\$4,350,000.00	\$0.00	\$4,350,000.00	\$4,350,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2020	25400	Operation KB0000000		C001009	2923736	KB0202011, Heavy Ion, RHIC Ac		Default W/0	Default Lo		\$0.00	\$136,758,000.00	\$0.00	\$136,758,000.00	\$136,758,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2020	25400	Operation KC0000000		C002853	2924290	KC0405070, NSLS-II Experiment;		Default W/800038	CHMIE20E		\$0.00	\$2,217,000.00	\$0.00	\$2,217,000.00	\$2,217,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation KL0000000		C001021	2924414	KL1500000, Outreach		Default W/0	Default Lo		\$80,000.00	\$0.00	\$0.00	\$0.00	\$80,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation KJ0000000		C001018	2924476	KJ0403010, Computational Part		Default W/0	Default Lo		\$176,950.94	\$0.00	\$0.00	\$0.00	\$176,950.94
500	089-X-0222 - Science Primary Fund (was WA)	2020	31001	Major Item KC0000000		C002853	2925052	KC0405080, NSRC Recapitalizati		Default W/800039	CHMIE20E		\$0.00	\$4,150,000.00	\$0.00	\$4,150,000.00	\$4,150,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2020	25400	Operation FS1000000		C000984	2923653	FS1002000, Security Systems		Default W/0	Default Lo		\$0.00	\$842,000.00	\$0.00	\$842,000.00	\$842,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation FS1000000		C000984	2923654	FS1004000, Information Securit		Default W/0	Default Lo		\$111,006.91	\$0.00	\$0.00	\$0.00	\$111,006.91
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation KB0000000		C001009	2923737	KB0202012, Heavy Ion, RHIC Exp		Default W/0	Default Lo		\$15,541,298.19	\$0.00	\$0.00	\$0.00	\$15,541,298.19
500	089-X-0222 - Science Primary Fund (was WA)	2020	25400	Operation KP0000000		C001024	2924218	KP1704010, ARM Operations an		Default W/0	Default Lo		\$0.00	\$250,000.00	\$0.00	\$250,000.00	\$250,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2020	25400	Operation KA0000000		C002852	2924355	KA2401012, National Laboratori		Default W/0	Default Lo		\$0.00	\$4,740,000.00	\$0.00	\$4,740,000.00	\$4,740,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation KC0000000		C002853	2924421	KC0406030, Long Term Surveilla		Default W/0	Default Lo		\$503,962.44	\$0.00	\$0.00	\$0.00	\$503,962.44
500	089-X-0222 - Science Primary Fund (was WA)	2017	25400	Operation KA0000000		C002852	2924317	KA2102021, ATLAS Detector anc		Default W/0	Default Lo		\$0.00	\$791,376.50	\$0.00	\$791,376.50	\$791,376.50
500	089-X-0222 - Science Primary Fund (was WA)	2020	25400	Operation KB0000000		C001009	2923737	KB0202012, Heavy Ion, RHIC Exp		Default W/0	Default Lo		\$0.00	\$39,045,000.00	\$0.00	\$39,045,000.00	\$39,045,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation KA0000000		C002852	2924314	KA2101030, University Service A		Default W/0	Default Lo		\$373,836.00	\$0.00	\$0.00	\$0.00	\$373,836.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation KC0000000		C002853	2925000	KC0304031, Solar Photochemist		Default W/0	Default Lo		\$2,059,588.59	\$0.00	\$0.00	\$0.00	\$2,059,588.59
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation KB0000000		C001009	2923733	KB0201021, Heavy Ion, RHIC Re:		Default W/0	Default Lo		\$2,033,870.73	\$0.00	\$0.00	\$0.00	\$2,033,870.73
500	089-X-0222 - Science Primary Fund (was WA)	2020	32003	Accelerato KB0000000		C001009	2923736	KB0202011, Heavy Ion, RHIC Ac		Default W/485395	CHAIP		\$0.00	\$2,460,000.00	\$0.00	\$2,460,000.00	\$2,460,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2017	25400	Operation KA0000000		C002852	2924382	KA2602010, Accelerator Operati		Default W/0	Default Lo		\$1,756.28	-\$35.40	\$0.00	-\$35.40	\$1,720.88
500	089-X-0222 - Science Primary Fund (was WA)	2020	31001	Major Item KA0000000		C002852	2924320	KA2103011, MIE	0	Default W/485498	CHEQU		\$0.00	\$18,531,000.00	\$0.00	\$18,531,000.00	\$18,531,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation KC0000000		C002853	2924243	KC0403030, Molecular Foundry		Default W/0	Default Lo		\$16,414.96	\$0.00	\$0.00	\$0.00	\$16,414.96
500	089-X-0222 - Science Primary Fund (was WA)	2019	25400	Operation KB0000000		C001009	2923721	KB0101022, Medium Energy, Ot		Default W/0	Default Lo		\$1,254,565.52	\$0.00	\$0.00	\$0.00	\$1,254,565.52
500	089-X-0222 - Science Primary Fund (was WA)	2020	25400	Operation FS1000000		C000984	2923658	FS1009000, Program Managem		Default W/0	Default Lo		\$0.00	\$701,000.00	\$0.00	\$701,000.00	\$701,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2020	25400	Operation KA0000000		C002852	2924317	KA2102021, ATLAS Detector anc		Default W/0	Default Lo		\$0.00	\$24,629,000.00	\$0.00	\$24,629,000.00	\$24,629,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2019	31003	Other Equ KP0000000		C001024	2924993	KP1607010, Biomolecular Chara		Default W/0	Default Lo		\$1,349,000.00	\$0.00	\$0.00	\$0.00	\$1,349,000.00
500	089-X-0222 - Science Primary Fund (was WA)	2018	25400	Operation KB0000000		C001009	2924156	KB0201052, Heavy Ion Accelerati		Default W/0	Default Lo		\$22,920.38	\$0.00	\$0.00	\$0.00	\$22,920.38

BROOKHAVEN NATIONAL LABORATORY  
 CONTRACT MOD # 0167 [May Financial]  
 DE-SC0012704

Fund Code	Fund Code	Fund Title	Appropriation Year	Object Class	Object 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)	2018	25400	Operation	KL0000000	C001021	2924408	KL1003000, Visiting Faculty Prog	0	Default W/O	Default Lo		\$46,947.02	\$0.00	\$0.00	\$0.00	\$46,947.02
500	089-X-0222	- Science Primary Fund (was WA)	2011	25400	Operation	KP0000000	C001024	2924206	KP1602020, Radiobiology	0	Default W/O	Default Lo		\$372.03	-\$372.03	\$0.00	-\$372.03	\$0.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation	KC0000000	C002853	2924504	KC0202021, Experimental Cond	0	Default W/O	Default Lo		\$0.00	\$2,697,000.00	\$0.00	\$2,697,000.00	\$2,697,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	31001	Major Ite	KC0000000	C002853	2924290	KC0405070, NSLS-II Experiment	0	Default W/	800038	CHMIE20B	\$0.00	\$3,283,000.00	\$0.00	\$3,283,000.00	\$3,283,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2018	32003	Accelerato	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Ac	0	Default W/	485395	CHAIP	\$1,199,490.39	\$0.00	\$0.00	\$0.00	\$1,199,490.39
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation	FS1000000	C000984	2923654	FS1004000, Information Securit	0	Default W/O	Default Lo		\$0.00	\$478,000.00	\$0.00	\$478,000.00	\$478,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	31001	Major Ite	KA0000000	C002852	2924320	KA2103011, MIE	0	Default W/	485496	CHEQUMII	\$0.00	\$8,990,000.00	\$0.00	\$8,990,000.00	\$8,990,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation	KA0000000	C002852	2924366	KA2501012, National Laborator	0	Default W/	302557	Traineeshi	\$78,400.00	\$0.00	\$0.00	\$0.00	\$78,400.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation	KJ0000000	C001018	2924134	KJ0401000, Applied Mathematic	0	Default W/O	Default Lo		\$400,000.00	\$0.00	\$0.00	\$0.00	\$400,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation	KB0000000	C001009	2923755	KB0401022, Low Energy, Other	0	Default W/O	Default Lo		\$0.00	\$146,000.00	\$0.00	\$146,000.00	\$146,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation	KB0000000	C001009	2924156	KB0201052, Heavy Ion Accelera	0	Default W/O	Default Lo		\$214,000.00	\$0.00	\$0.00	\$0.00	\$214,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation	KL0000000	C001021	2924406	KL1001000, Science Undergrad	0	Default W/O	Default Lo		\$502,720.50	\$20,000.00	\$0.00	\$20,000.00	\$522,720.50
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation	KC0000000	C002853	2924299	KC0304020, Physical Bioscience	0	Default W/O	Default Lo		\$2,246,638.34	\$0.00	\$0.00	\$0.00	\$2,246,638.34
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation	KC0000000	C002853	2924294	KC0202040, Mechanical Behavic	0	Default W/O	Default Lo		\$47,205.83	\$0.00	\$0.00	\$0.00	\$47,205.83
500	089-X-0222	- Science Primary Fund (was WA)	2018	25400	Operation	KA0000000	C002852	2924380	KA2601020, National Laborator	0	Default W/O	Default Lo		\$57,442.12	\$0.00	\$0.00	\$0.00	\$57,442.12
500	089-X-0222	- Science Primary Fund (was WA)	2014	25400	Operation	KA0000000	C002852	2923681	KA1102812, Proton Facilities - C	0	Default W/O	Default Lo		\$422,791.27	\$0.00	\$0.00	\$0.00	\$422,791.27
500	089-X-0222	- Science Primary Fund (was WA)	2018	31001	Major Ite	KA0000000	C002852	2924350	KA2303011, MIE	0	Default W/	4809008	CHEQUUMI	\$409,084.99	-\$409,084.99	\$0.00	-\$409,084.99	\$0.00
500	089-X-0222	- Science Primary Fund (was WA)	2014	25400	Operation	KC0000000	C002853	2923794	KC0281013, BNL-NSLS	0	Default W/O	Default Lo		\$165,193.55	\$0.00	\$0.00	\$0.00	\$165,193.55
500	089-X-0222	- Science Primary Fund (was WA)	2020	31001	Major Ite	KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHIC Exp	0	Default W/	485499	CHEQUMII	\$0.00	\$9,524,000.00	\$0.00	\$9,524,000.00	\$9,524,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation	KC0000000	C002853	2924192	KC0207010, Energy Frontier Res	0	Default W/O	Default Lo		\$1,315,000.00	\$0.00	\$0.00	\$0.00	\$1,315,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2018	25400	Operation	KA0000000	C002852	2924357	KA2401021, Scientific Discovery	0	Default W/O	Default Lo		\$99,968.41	\$0.00	\$0.00	\$0.00	\$99,968.41
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation	KP0000000	C001024	2924211	KP1701000, Atmospheric Syster	0	Default W/O	Default Lo		\$0.00	\$5,680,000.00	\$0.00	\$5,680,000.00	\$5,680,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation	KA0000000	C002852	2924355	KA2401012, National Laborator	0	Default W/O	Default Lo		\$1,209,355.21	\$0.00	\$0.00	\$0.00	\$1,209,355.21
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation	KA0000000	C002852	2924327	KA2201090, Other Research	0	Default W/O	Default Lo		\$212,714.88	\$0.00	\$0.00	\$0.00	\$212,714.88
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation	KC0000000	C002853	2924305	KC0406020, Accelerator and De	0	Default W/O	Default Lo		\$0.00	\$380,000.00	\$0.00	\$380,000.00	\$380,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2018	25400	Operation	KC0000000	C002853	2924192	KC0207010, Energy Frontier Res	0	Default W/O	Default Lo		\$611,057.47	\$0.00	\$0.00	\$0.00	\$611,057.47
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation	KA0000000	C002852	2924371	KA2501032, National Laborator	0	Default W/O	Default Lo		\$1,163,151.16	\$0.00	\$0.00	\$0.00	\$1,163,151.16
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation	KC0000000	C002853	2925000	KC0304031, Solar Photochemist	0	Default W/O	Default Lo		\$0.00	\$5,087,000.00	\$0.00	\$5,087,000.00	\$5,087,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2018	25400	Operation	KA0000000	C002852	2924368	KA2501021, LHC Accelerator Re	0	Default W/O	Default Lo		\$1,009.15	\$0.00	\$0.00	\$0.00	\$1,009.15
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation	KL0000000	C001021	2924407	KL1002000, Community College	0	Default W/O	Default Lo		\$0.00	\$177,000.00	\$0.00	\$177,000.00	\$177,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation	KA0000000	C002852	2924366	KA2501012, National Laborator	0	Default W/O	Default Lo		\$0.00	\$375,000.00	\$0.00	\$375,000.00	\$375,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	32001	Constructi	39KG01000	C003227	2924984	39KG01000PRN19SC71000, 19- <sup>-1</sup>	0	Default W/O	Default Lo		\$6,601,686.24	\$0.00	\$0.00	\$0.00	\$6,601,686.24
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation	KA0000000	C002852	2924356	KA2401019, Other Research	0	Default W/O	Default Lo		\$298,162.24	\$0.00	\$0.00	\$0.00	\$298,162.24
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation	KB0000000	C001009	2923755	KB0401022, Low Energy, Other	0	Default W/O	Default Lo		\$411,205.13	\$0.00	\$0.00	\$0.00	\$411,205.13
500	089-X-0222	- Science Primary Fund (was WA)	2018	25400	Operation	KP0000000	C001024	2924203	KP1601040, Computational Bios	0	Default W/O	Default Lo		\$78,003.33	\$0.00	\$0.00	\$0.00	\$78,003.33
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation	KJ0000000	C001018	2924510	KJ0402030, Computer Sciences -	0	Default W/O	Default Lo		\$1,450,000.00	\$0.00	\$0.00	\$0.00	\$1,450,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation	KC0000000	C002853	2924405	KC0201060, Neutron and X-Ray	0	Default W/O	Default Lo		\$1,056,887.68	\$0.00	\$0.00	\$0.00	\$1,056,887.68
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation	KJ0000000	C001018	2924777	KJ0403020, Computational Parti	0	Default W/O	Default Lo		\$0.00	\$750,000.00	\$0.00	\$750,000.00	\$750,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation	FS1000000	C000984	2923655	FS1005000, Cyber Security	0	Default W/O	Default Lo		\$3,002,135.56	\$0.00	\$0.00	\$0.00	\$3,002,135.56
500	089-X-0222	- Science Primary Fund (was WA)	2018	25400	Operation	KL0000000	C001021	2924414	KL1500000, Outreach	0	Default W/O	Default Lo		\$11,820.36	\$0.00	\$0.00	\$0.00	\$11,820.36
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation	KA0000000	C002852	2924327	KA2201090, Other Research	0	Default W/O	Default Lo		\$0.00	\$783,800.00	\$0.00	\$783,800.00	\$783,800.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation	KL0000000	C001021	2924406	KL1001000, Science Undergrad	0	Default W/O	Default Lo		\$0.00	\$1,570,000.00	\$0.00	\$1,570,000.00	\$1,570,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation	KA0000000	C002852	2924348	KA2302010, Experimental Oper	0	Default W/O	Default Lo		\$186,151.30	\$0.00	\$0.00	\$0.00	\$186,151.30
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation	KC0000000	C002853	2924772	KC0201070, X-Ray Scattering	0	Default W/O	Default Lo		\$2,094,051.59	\$0.00	\$0.00	\$0.00	\$2,094,051.59
500	089-X-0222	- Science Primary Fund (was WA)	2018	25400	Operation	KA0000000	C002852	2923681	KA1102812, Proton Facilities - C	0	Default W/O	Default Lo		\$116,070.99	\$0.00	\$0.00	\$0.00	\$116,070.99
500	089-X-0222	- Science Primary Fund (was WA)	2015	25400	Operation	KA0000000	C002852	2924313	KA2101020, National Laborator	0	Default W/	485474	CHOPEMII	\$33.06	-\$33.06	\$0.00	-\$33.06	\$0.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	31003	Other Equ	KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHIC Exp	0	Default W/	485396	CHEQU	\$0.00	\$2,756,000.00	\$0.00	\$2,756,000.00	\$2,756,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	32001	Constructi	39KA00000	C002786	2924263	39KA00000PRN11SC40000, 11- <sup>-1</sup>	0	Default W/O	Default Lo		\$953,904.10	\$0.00	\$0.00	\$0.00	\$953,904.10
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation	KA0000000	C002852	2924328	KA2202010, Experimental Oper	0	Default W/O	Default Lo		\$0.00	\$2,600,000.00	\$0.00	\$2,600,000.00	\$2,600,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	32001	Constructi	39KG00000	C003255	2925037	39KG00000PRN20SC71000, 20- <sup>-1</sup>	0	Default W/O	Default Lo		\$0.00	\$17,477,636.00	\$0.00	\$17,477,636.00	\$17,477,636.00

BROOKHAVEN NATIONAL LABORATORY  
 CONTRACT MOD # 0167 [May Financial]  
 DE-SC0012704

Fund Code	Fund Code	Fund 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	25400	Operation	KC0000000	C002853	2924244	KC0403040, Center for Nanoph...		Default W/0		Default Lo	\$16,414.96	\$0.00	\$0.00	\$0.00	\$16,414.96
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation	KJ0000000	C001018	2924476	KJ0403010, Computational Parti...		Default W/0		Default Lo	\$482,000.00	\$0.00	\$0.00	\$0.00	\$482,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation	KB0000000	C001009	2925029	KB0405012, Fund. Symmetries b...		Default W/0		Default Lo	\$0.00	\$402,000.00	\$0.00	\$402,000.00	\$402,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation	KA0000000	C002852	2924357	KA2401021, Scientific Discovery...		Default W/0		Default Lo	\$190,000.00	\$0.00	\$0.00	\$0.00	\$190,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation	KC0000000	C002853	2924472	KC0201070, X-Ray Scattering...		Default W/0		Default Lo	\$0.00	\$1,715,000.00	\$0.00	\$1,715,000.00	\$1,715,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2018	32003	Accelerato	KA0000000	C002852	2924496	KA2602020, Accelerator Test Fa...		Default W/485395	CHAIP		\$76,475.60	\$0.00	\$0.00	\$0.00	\$76,475.60
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation	KB0000000	C001009	2923749	KB0301042, Theory, Nuclear Da...		Default W/0		Default Lo	\$2,084,715.88	\$0.00	\$0.00	\$0.00	\$2,084,715.88
500	089-X-0222	- Science Primary Fund (was WA)	2018	25400	Operation	KC0000000	C002853	2924305	KC0406020, Accelerator and Dei...		Default W/0		Default Lo	\$346,746.48	\$0.00	\$0.00	\$0.00	\$346,746.48
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation	KJ0000000	C001018	2924134	KJ0401000, Applied Mathematic...		Default W/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	31003	Other Equ	KC0000000	C002853	2924242	KC0403020, Center for Function...		Default W/485396	CHEQU		\$3,873,975.97	\$2,577,713.04	\$0.00	\$2,577,713.04	\$6,451,689.01
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation	KB0000000	C001009	2923746	KB0301020, Theory, National La...		Default W/0		Default Lo	\$0.00	\$3,668,000.00	\$0.00	\$3,668,000.00	\$3,668,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2017	31003	Other Equ	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Ac...		Default W/485396	CHEQU		\$621,412.12	\$0.00	\$0.00	\$0.00	\$621,412.12
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation	KC0000000	C002853	2924241	KC0403010, Center for Nanosca...		Default W/0		Default Lo	\$16,414.96	\$0.00	\$0.00	\$0.00	\$16,414.96
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation	KC0000000	C002853	2924242	KC0403020, Center for Function...		Default W/0		Default Lo	\$0.00	\$20,033,000.00	\$0.00	\$20,033,000.00	\$20,033,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation	KC0000000	C002853	2923769	KC0201010, Structure Of Materi...		Default W/0		Default Lo	\$1,599,104.15	\$0.00	\$0.00	\$0.00	\$1,599,104.15
500	089-X-0222	- Science Primary Fund (was WA)	2019	25400	Operation	KB0000000	C001009	2923734	KB0201022, Heavy Ion, Other N...		Default W/0		Default Lo	\$3.66	\$0.00	\$0.00	\$0.00	\$3.66
500	089-X-0222	- Science Primary Fund (was WA)	2019	32003	Accelerato	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Ac...		Default W/485395	CHAIP		\$4,513,000.00	\$0.00	\$0.00	\$0.00	\$4,513,000.00
500	089-X-0222	- Science Primary Fund (was WA)	2020	25400	Operation	KA0000000	C002852	2924371	KA2501032, National Laboratori...		Default W/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)	2020	25400	Operation	KC0000000	C002853	2925052	KC0405080, NSRC Recapitalizati...		Default W/800039	CHMIE20E		\$0.00	\$850,000.00	\$0.00	\$850,000.00	\$850,000.00
510	089-X-0222	- Science Reimbursable Work Technology Transf	2020	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Resear...	4861091	CHAGRRIK		Default Lo	\$0.00	\$808,670.25	\$0.00	\$808,670.25	\$808,670.25
510	089-X-0222	- Science Reimbursable Work Technology Transf	2020	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Resear...	4861208	CHAGR84		Default Lo	\$0.00	\$48,543.69	\$0.00	\$48,543.69	\$48,543.69
510	089-X-0222	- Science Reimbursable Work Technology Transf	2019	25400	Operation	456100000	C003005	6600199	456165021, Cooperative Resear...	4861091	CHAGRRIK		Default Lo	\$126,259.91	-\$21,063.96	\$0.00	-\$21,063.96	\$105,195.95
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4860984	CHAGR84		Default Lo	\$67.81	-\$67.81	\$0.00	-\$67.81	\$0.00
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861224	CHNF-20-10		Default Lo	\$0.00	\$50,000.00	\$0.00	\$50,000.00	\$50,000.00
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861204	CHAGR84		Default Lo	\$0.00	\$200,000.00	\$0.00	\$200,000.00	\$200,000.00
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861174	CHAGR84		Default Lo	\$25,000.00	\$0.00	\$0.00	\$0.00	\$25,000.00
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4861184	CHAGR84		Default Lo	\$23,335.70	\$0.00	\$0.00	\$0.00	\$23,335.70
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4861032	CHAGR84		Default Lo	\$7,756.88	\$0.00	\$0.00	\$0.00	\$7,756.88
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861100	CHAGR84		Default Lo	\$10,900.53	\$0.00	\$0.00	\$0.00	\$10,900.53
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861223	CHNF-20-10		Default Lo	\$0.00	\$67,345.00	\$0.00	\$67,345.00	\$67,345.00
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861139	AGR84417		Default Lo	\$54,055.25	\$0.00	\$0.00	\$0.00	\$54,055.25
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4861065	CHAGR84		Default Lo	\$128,364.60	\$0.00	\$0.00	\$0.00	\$128,364.60
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861104	CHAGR84		Default Lo	\$61,831.65	\$0.00	\$0.00	\$0.00	\$61,831.65
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860936	CHAGR87		Default Lo	\$7,788.29	-\$7,788.29	\$0.00	-\$7,788.29	\$0.00
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4861175	CHAGR84		Default Lo	\$30,694.87	\$0.00	\$0.00	\$0.00	\$30,694.87
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861138	AGR84416		Default Lo	\$1,730.51	-\$1,730.51	\$0.00	-\$1,730.51	\$0.00
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4801577	CH AGR87		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	2020	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861133	CHAGR84		Default Lo	\$0.00	\$41,504.03	\$0.00	\$41,504.03	\$41,504.03
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861158	CHAGR84		Default Lo	\$6,021.68	-\$447.24	\$0.00	-\$447.24	\$5,574.44
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861151	CHAGR84		Default Lo	\$222,250.56	\$0.00	\$0.00	\$0.00	\$222,250.56
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4861167	CHAGR84		Default Lo	\$3,229.20	\$0.00	\$0.00	\$0.00	\$3,229.20
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861179	CHAGR84		Default Lo	\$20,000.00	-\$382.93	\$0.00	-\$382.93	\$19,617.07
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861098	CHAGR84		Default Lo	\$0.00	\$54,464.78	\$0.00	\$54,464.78	\$54,464.78
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861217	CHAGR84		Default Lo	\$0.00	\$133,205.02	\$0.00	\$133,205.02	\$133,205.02
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861053	CHAGR84		Default Lo	\$0.00	\$85,731.00	\$0.00	\$85,731.00	\$85,731.00
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861177	CHAGR84		Default Lo	\$13,333.00	\$0.00	\$0.00	\$0.00	\$13,333.00
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation	456100000	C003005	6600147	456160032, Industry - Foreign	4861189	CHAGR84		Default Lo	\$0.00	\$26,747.57	\$0.00	\$26,747.57	\$26,747.57
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2018	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861088	CHAGR84		Default Lo	\$10,045.33	-\$10,045.33	\$0.00	-\$10,045.33	\$0.00
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861164	CHAGR84		Default Lo	\$4,583.97	-\$4,583.97	\$0.00	-\$4,583.97	\$0.00
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4861157	CHAGR84		Default Lo	\$37,812.96	-\$147.10	\$0.00	-\$147.10	\$37,665.86

BROOKHAVEN NATIONAL LABORATORY  
 CONTRACT MOD # 0167 [May 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	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861023	CHAGR84C		Default Lo	\$0.00	\$74,380.51	\$0.00	\$74,380.51	\$74,380.51
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600147	456160032, Industry - Foreign	4861176	CHAGR84C		Default Lo	\$0.00	\$242,718.45	\$0.00	\$242,718.45	\$242,718.45
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861139	AGR844170		Default Lo	\$0.00	\$91,700.48	\$0.00	\$91,700.48	\$91,700.48
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4860969	CHAGR87E		Default Lo	\$194,172.07	\$0.00	\$0.00	\$0.00	\$194,172.07
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861196	CHAGR84C		Default Lo	\$0.00	\$13,055.47	\$0.00	\$13,055.47	\$13,055.47
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861075	CHAGR84E		Default Lo	\$2,569.90	\$0.00	\$0.00	\$0.00	\$2,569.90
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861115	CHAGR84E		Default Lo	\$0.00	\$9,079.60	\$0.00	\$9,079.60	\$9,079.60
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861187	CHAGR84C		Default Lo	\$0.00	\$40,789.28	\$0.00	\$40,789.28	\$40,789.28
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2016	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4860871	CHAGR87D		Default Lo	\$13,578.50	\$0.00	\$0.00	\$0.00	\$13,578.50
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861191	CHAGR84C		Default Lo	\$0.00	\$94,258.00	\$0.00	\$94,258.00	\$94,258.00
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861178	CHAGR84C		Default Lo	\$0.00	\$116,875.00	\$0.00	\$116,875.00	\$116,875.00
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861202	CHAGR84C		Default Lo	\$0.00	\$29,644.66	\$0.00	\$29,644.66	\$29,644.66
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861128	CHAGR84C		Default Lo	\$0.00	\$9,787.58	\$0.00	\$9,787.58	\$9,787.58
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600147	456160032, Industry - Foreign	4801577	CHAGR870		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	6600147	456160032, Industry - Foreign	4861076	CHAGR84E		Default Lo	\$265,095.87	\$0.00	\$0.00	\$0.00	\$265,095.87
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600147	456160032, Industry - Foreign	4861176	CHAGR84C		Default Lo	\$66,702.80	\$0.00	\$0.00	\$0.00	\$66,702.80
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861163	CHAGR84C		Default Lo	\$0.00	\$9,025.19	\$0.00	\$9,025.19	\$9,025.19
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861198	CHAGR84C		Default Lo	\$0.00	\$8,325.31	\$0.00	\$8,325.31	\$8,325.31
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861102	CHAGR84E		Default Lo	\$1,020.18	-\$1,020.18	\$0.00	-\$1,020.18	\$0.00
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861130	CHAGR84C		Default Lo	\$443,163.35	\$0.00	\$0.00	\$0.00	\$443,163.35
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861178	CHAGR84C		Default Lo	\$46,593.37	\$0.00	\$0.00	\$0.00	\$46,593.37
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2018	25400	Operation 456100000	C003005	6600147	456160032, Industry - Foreign	4801577	CHAGR870		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	6600147	456160032, Industry - Foreign	4861065	CHAGR84C		Default Lo	\$194,174.76	\$0.00	\$0.00	\$0.00	\$194,174.76
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861192	CHAGR84C		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	2020	25400	Operation 456100000	C003005	6600147	456160032, Industry - Foreign	4861210	CHAGR84C		Default Lo	\$0.00	\$7,381.78	\$0.00	\$7,381.78	\$7,381.78
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861063	CHAGR84C		Default Lo	\$9,628.13	\$0.00	\$0.00	\$0.00	\$9,628.13
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861120	CHAGR84E		Default Lo	\$16,921.32	\$0.00	\$0.00	\$0.00	\$16,921.32
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600147	456160032, Industry - Foreign	4861201	CHAGR84C		Default Lo	\$0.00	\$46,601.94	\$0.00	\$46,601.94	\$46,601.94
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861181	CHAGR84C		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	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861153	CHAGR84C		Default Lo	\$182.63	-\$182.63	\$0.00	-\$182.63	\$0.00
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861104	CHAGR84E		Default Lo	\$0.00	\$58,295.65	\$0.00	\$58,295.65	\$58,295.65
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861222	CHNF-20-10		Default Lo	\$0.00	\$60,000.00	\$0.00	\$60,000.00	\$60,000.00
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861052	CHAGR8410		Default Lo	\$10,408,626.62	\$0.00	\$0.00	\$0.00	\$10,408,626.62
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2017	25400	Operation 456100000	C003005	6600147	456160032, Industry - Foreign	4801577	CHAGR870		Default Lo	\$13,862.87	\$0.00	\$0.00	\$0.00	\$13,862.87
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2018	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861075	CHAGR84E		Default Lo	\$149.96	\$0.00	\$0.00	\$0.00	\$149.96
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2018	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861079	CHAGR84E		Default Lo	\$41,439.06	\$0.00	\$0.00	\$0.00	\$41,439.06
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861159	CHAGR84C		Default Lo	\$0.00	\$17,563.33	\$0.00	\$17,563.33	\$17,563.33
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861193	CHAGR84C		Default Lo	\$0.00	\$58,903.08	\$0.00	\$58,903.08	\$58,903.08
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861177	CHAGR84C		Default Lo	\$0.00	\$110,263.69	\$0.00	\$110,263.69	\$110,263.69
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861163	CHAGR84C		Default Lo	\$5,557.10	\$0.00	\$0.00	\$0.00	\$5,557.10
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600147	456160032, Industry - Foreign	4861175	CHAGR84C		Default Lo	\$0.00	\$38,834.96	\$0.00	\$38,834.96	\$38,834.96
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861182	CHAGR84C		Default Lo	\$21,667.00	\$0.00	\$0.00	\$0.00	\$21,667.00
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861068	CHAGR84C		Default Lo	\$16,735.45	\$0.00	\$0.00	\$0.00	\$16,735.45
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861099	CHAGR84C		Default Lo	\$98,452.58	\$0.00	\$0.00	\$0.00	\$98,452.58
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861136	CHAGR84C		Default Lo	\$20,035.01	\$0.00	\$0.00	\$0.00	\$20,035.01
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861098	CHAGR84E		Default Lo	\$31,889.11	\$0.00	\$0.00	\$0.00	\$31,889.11
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861200	CHAGR84C		Default Lo	\$0.00	\$265,631.07	\$0.00	\$265,631.07	\$265,631.07
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861190	CHAGR84C		Default Lo	\$0.00	\$41,310.38	\$0.00	\$41,310.38	\$41,310.38
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861159	CHAGR84C		Default Lo	\$7,622.05	\$0.00	\$0.00	\$0.00	\$7,622.05
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic	4861133	CHAGR84C		Default Lo	\$25,432.08	\$0.00	\$0.00	\$0.00	\$25,432.08

BROOKHAVEN NATIONAL LABORATORY  
CONTRACT MOD # 0167 [May 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 - Domestic 4861165	CHAGR840		Default Lo		\$473.59	\$0.00	\$0.00	\$0.00	\$473.59
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861173	CHAGR840		Default Lo		\$517.07	\$0.00	\$0.00	\$0.00	\$517.07
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600147	456160032, Industry - Foreign 4861213	CHAGR840		Default Lo		\$0.00	\$33,301.25	\$0.00	\$33,301.25	\$33,301.25
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861203	CHAGR840		Default Lo		\$0.00	\$18,440.99	\$0.00	\$18,440.99	\$18,440.99
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861212	CHAGR840		Default Lo		\$0.00	\$75,000.00	\$0.00	\$75,000.00	\$75,000.00
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861162	CHAGR840		Default Lo		\$20,251.77	-\$13,520.16	\$0.00	-\$13,520.16	\$6,731.61
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2014	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4860871	CHAGR870		Default Lo		\$70,159.64	\$0.00	\$0.00	\$0.00	\$70,159.64
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600147	456160032, Industry - Foreign 4861184	CHAGR840		Default Lo		\$0.00	\$4,113.34	\$0.00	\$4,113.34	\$4,113.34
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861160	CHAGR840		Default Lo		\$23,324.26	-\$3,497.04	\$0.00	-\$3,497.04	\$19,827.22
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2018	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861090	CHAGR840		Default Lo		\$29,453.57	\$0.00	\$0.00	\$0.00	\$29,453.57
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861121	CHAGR840		Default Lo		\$0.00	\$4,811.25	\$0.00	\$4,811.25	\$4,811.25
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861120	CHAGR840		Default Lo		\$0.00	\$317,212.30	\$0.00	\$317,212.30	\$317,212.30
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861023	CHAGR840		Default Lo		\$59,729.79	\$0.00	\$0.00	\$0.00	\$59,729.79
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600147	456160032, Industry - Foreign 4861161	CHAGR840		Default Lo		\$0.00	\$55,502.09	\$0.00	\$55,502.09	\$55,502.09
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861022	CHAGR840		Default Lo		\$176,129.53	\$0.00	\$0.00	\$0.00	\$176,129.53
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861121	CHAGR840		Default Lo		\$121,934.75	\$0.00	\$0.00	\$0.00	\$121,934.75
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861170	CHAGR840		Default Lo		\$22,135.92	\$0.00	\$0.00	\$0.00	\$22,135.92
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600147	456160032, Industry - Foreign 4861161	CHAGR840		Default Lo		\$33,419.95	\$0.00	\$0.00	\$0.00	\$33,419.95
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861134	CHAGR840		Default Lo		\$166,471.93	\$0.00	\$0.00	\$0.00	\$166,471.93
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2018	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861114	CHAGR840		Default Lo		\$1,896.61	-\$4.86	\$0.00	-\$4.86	\$1,891.75
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861053	CHAGR840		Default Lo		\$6,766.57	\$0.00	\$0.00	\$0.00	\$6,766.57
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861186	CHAGR840		Default Lo		\$0.00	\$11,178.00	\$0.00	\$11,178.00	\$11,178.00
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861144	CHAGR840		Default Lo		\$3,427.80	\$0.00	\$0.00	\$0.00	\$3,427.80
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861109	CHAGR840		Default Lo		\$666.73	-\$144.85	\$0.00	-\$144.85	\$521.88
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861128	CHAGR840		Default Lo		\$72,436.83	\$0.00	\$0.00	\$0.00	\$72,436.83
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861052	CHAGR840		Default Lo		\$0.00	\$2,863,477.13	\$0.00	\$2,863,477.13	\$2,863,477.13
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861162	CHAGR840		Default Lo		\$0.00	\$68.15	\$0.00	\$68.15	\$68.15
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861115	CHAGR840		Default Lo		\$18,670.77	\$0.00	\$0.00	\$0.00	\$18,670.77
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861089	CHAGR840		Default Lo		\$309.19	-\$309.19	\$0.00	-\$309.19	\$0.00
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2018	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861072	CHAGR840		Default Lo		\$2,578.06	\$0.00	\$0.00	\$0.00	\$2,578.06
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861195	CHAGR840		Default Lo		\$0.00	\$166,043.77	\$0.00	\$166,043.77	\$166,043.77
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4860946	CHAGR870		Default Lo		\$702.48	\$0.00	\$0.00	\$0.00	\$702.48
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861225	CHNF-19-0		Default Lo		\$0.00	\$33,747.57	\$0.00	\$33,747.57	\$33,747.57
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861197	CHAGR840		Default Lo		\$0.00	\$24,975.94	\$0.00	\$24,975.94	\$24,975.94
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861107	CHAGR840		Default Lo		\$17,624.33	-\$17,624.31	\$0.00	-\$17,624.31	\$0.02
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861182	CHAGR840		Default Lo		\$0.00	\$20,512.16	\$0.00	\$20,512.16	\$20,512.16
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2017	25400	Operation 456100000	C003005	6600147	456160032, Industry - Foreign 4861015	CHAGR840		Default Lo		\$581,487.16	-\$581,743.15	\$0.00	-\$581,743.15	-\$255.99
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861135	CHAGR840		Default Lo		\$57,129.44	\$0.00	\$0.00	\$0.00	\$57,129.44
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2019	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861145	CHAGR840		Default Lo		\$12,149.46	\$0.00	\$0.00	\$0.00	\$12,149.46
511	089-X-0222	- Science Reimbursable Work with Non-Federal	2020	25400	Operation 456100000	C003005	6600146	456160031, Industry - Domestic 4861135	CHAGR840		Default Lo		\$0.00	\$221,359.20	\$0.00	\$221,359.20	\$221,359.20
512	089-X-0222	- Science Reimbursable Work with Other Federa	2015	25400	Operation 456100000	C003005	6600099	456140374, Nuclear Regulatory 4860913	CHAGRNR0		Default Lo		\$151.73	\$0.00	\$0.00	\$0.00	\$151.73
512	089-X-0222	- Science Reimbursable Work with Other Federa	2016	25400	Operation 456100000	C003005	6600099	456140374, Nuclear Regulatory 4860941	CHAGRNR0		Default Lo		\$26,293.22	\$0.00	\$0.00	\$0.00	\$26,293.22
512	089-X-0222	- Science Reimbursable Work with Other Federa	2016	25400	Operation 456100000	C003005	6600066	456140351, Department of Stat 4861012	CHAGR190		Default Lo		\$702,340.86	\$0.00	\$0.00	\$0.00	\$702,340.86
512	089-X-0222	- Science Reimbursable Work with Other Federa	2014	25400	Operation 456100000	C003005	6600073	456140358, Other Federal Agent 3011110	CRAGRS00		Default Lo		\$121.25	-\$121.25	\$0.00	-\$121.25	\$0.00
512	089-X-0222	- Science Reimbursable Work with Other Federa	2017	25400	Operation 456100000	C003005	6600007	456140050, Research & Develop 4861054	CHAGRNA0		Default Lo		\$8,453.63	\$0.00	\$0.00	\$0.00	\$8,453.63
512	089-X-0222	- Science Reimbursable Work with Other Federa	2019	25400	Operation 456100000	C003005	6600050	456140196, NASA Other 4861073	CHAGR800		Default Lo		\$144,726.35	\$0.00	\$0.00	\$0.00	\$144,726.35
512	089-X-0222	- Science Reimbursable Work with Other Federa	2016	25400	Operation 456100000	C003005	6600099	456140374, Nuclear Regulatory 4860724	CH189V610		Default Lo		\$3,761.11	\$0.00	\$0.00	\$0.00	\$3,761.11
512	089-X-0222	- Science Reimbursable Work with Other Federa	2005	25400	Operation 456100000	C003005	6600066	456140351, Department of Stat 4806666	CHAGRRW0		Default Lo		\$394,234.20	\$0.00	\$0.00	\$0.00	\$394,234.20
512	089-X-0222	- Science Reimbursable Work with Other Federa	2017	25400	Operation 456100000	C003005	6600100	456140375, Nuclear Regulatory 4860765	CH189N750		Default Lo		\$280.57	\$0.00	\$0.00	\$0.00	\$280.57
512	089-X-0222	- Science Reimbursable Work with Other Federa	2018	25400	Operation 456100000	C003005	6600069	456140354, U.S. Agency For Intr 4860930	CHAGRAID0		Default Lo		\$59,493.70	\$0.00	\$0.00	\$0.00	\$59,493.70



BROOKHAVEN NATIONAL LABORATORY  
 CONTRACT MOD # 0167 [May Financial]  
 DE-SC0012704

Fund Code	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	2020	25400	Operation 456100000		C003005	6600096	456140371, Nuclear Regulatory	4861125	CHNRC31E0		Default Lo	\$0.00	\$169,902.91	\$0.00	\$169,902.91	\$169,902.91
512	089-X-0222	- Science Reimbursable Work with Other Federa	2019	25400	Operation 456100000		C003005	6600069	456140354, U.S. Agency For Intr	4860930	CHAGRAID0		Default Lo	\$359,733.49	\$0.00	\$0.00	\$0.00	\$359,733.49
512	089-X-0222	- Science Reimbursable Work with Other Federa	2018	25400	Operation 456100000		C003005	6600066	456140351, Department of Stat	4861127	CH1931CP0		Default Lo	\$8,220,896.20	\$0.00	\$0.00	\$0.00	\$8,220,896.20
512	089-X-0222	- Science Reimbursable Work with Other Federa	2014	25400	Operation 456100000		C003005	6600096	456140371, Nuclear Regulatory	4860776	CH189QBV0		Default Lo	\$9,993.07	\$0.00	\$0.00	\$0.00	\$9,993.07
512	089-X-0222	- Science Reimbursable Work with Other Federa	2016	25400	Operation 456100000		C003005	6600099	456140374, Nuclear Regulatory	4860948	CHAGRNR0		Default Lo	\$93,297.65	\$0.00	\$0.00	\$0.00	\$93,297.65
512	089-X-0222	- Science Reimbursable Work with Other Federa	2017	25400	Operation 456100000		C003005	6600007	456140050, Research & Develop	4861041	CHAGR2010		Default Lo	\$109.78	\$0.00	\$0.00	\$0.00	\$109.78
512	089-X-0222	- Science Reimbursable Work with Other Federa	2015	25400	Operation 456100000		C003005	6600099	456140374, Nuclear Regulatory	4860657	CH189V610		Default Lo	\$9,708.74	\$0.00	\$0.00	\$0.00	\$9,708.74
512	089-X-0222	- Science Reimbursable Work with Other Federa	2013	25400	Operation 456100000		C003005	6600007	456140050, Research & Develop	4860849	CHAGR2010		Default Lo	\$2,007.03	-\$2,007.03	\$0.00	-\$2,007.03	\$0.00
512	089-X-0222	- Science Reimbursable Work with Other Federa	2019	25400	Operation 456100000		C003005	6600053	456140220, Research & Develop	4861180	CHAGR30C0		Default Lo	\$3,600,000.00	\$0.00	\$0.00	\$0.00	\$3,600,000.00
512	089-X-0222	- Science Reimbursable Work with Other Federa	2015	25400	Operation 456100000		C003005	6600050	456140196, NASA Other	4860927	CHARGNN0		Default Lo	\$354.45	\$0.00	\$0.00	\$0.00	\$354.45
512	089-X-0222	- Science Reimbursable Work with Other Federa	2015	25400	Operation 456100000		C003005	6600053	456140220, Research & Develop	4860897	CHAGRR210		Default Lo	\$6,228.29	\$0.00	\$0.00	\$0.00	\$6,228.29
512	089-X-0222	- Science Reimbursable Work with Other Federa	2015	25400	Operation 456100000		C003005	6600067	456140352, Department of Stat	4860964	CHAGR19E0		Default Lo	\$68,048.75	\$0.00	\$0.00	\$0.00	\$68,048.75
512	089-X-0222	- Science Reimbursable Work with Other Federa	2020	25400	Operation 456100000		C003005	6600096	456140371, Nuclear Regulatory	4861185	CHNRC31E0		Default Lo	\$0.00	\$97,087.38	\$0.00	\$97,087.38	\$97,087.38
512	089-X-0222	- Science Reimbursable Work with Other Federa	2011	25400	Operation 456100000		C003005	6600096	456140371, Nuclear Regulatory	4860532	CH189J410		Default Lo	\$3,429.21	\$0.00	\$0.00	\$0.00	\$3,429.21
512	089-X-0222	- Science Reimbursable Work with Other Federa	2019	25400	Operation 456100000		C003005	6600096	456140371, Nuclear Regulatory	4861126	CHNRC31E0		Default Lo	\$302,153.89	\$0.00	\$0.00	\$0.00	\$302,153.89
512	089-X-0222	- Science Reimbursable Work with Other Federa	2019	25400	Operation 456100000		C003005	6600050	456140196, NASA Other	4861154	CHAGR80L0		Default Lo	\$17,223.11	\$0.00	\$0.00	\$0.00	\$17,223.11
512	089-X-0222	- Science Reimbursable Work with Other Federa	2015	25400	Operation 456100000		C003005	6600072	456140357, Department of Stat	4860914	CHAGR19E0		Default Lo	\$260.99	\$0.00	\$0.00	\$0.00	\$260.99
512	089-X-0222	- Science Reimbursable Work with Other Federa	2017	25400	Operation 456100000		C003005	6600007	456140050, Research & Develop	4860843	CHAGR2010		Default Lo	\$611.68	\$0.00	\$0.00	\$0.00	\$611.68
512	089-X-0222	- Science Reimbursable Work with Other Federa	2019	25400	Operation 456100000		C003005	6600066	456140351, Department of Stat	4861183	CH1931CP0		Default Lo	\$11,000,000.00	\$0.00	\$0.00	\$0.00	\$11,000,000.00
512	089-X-0222	- Science Reimbursable Work with Other Federa	2013	25400	Operation 456100000		C003005	6600053	456140220, Research & Develop	4860794	CHAGRAG0		Default Lo	\$8,934.17	\$0.00	\$0.00	\$0.00	\$8,934.17
512	089-X-0222	- Science Reimbursable Work with Other Federa	2017	25400	Operation 456100000		C003005	6600007	456140050, Research & Develop	4861037	CHAGR17E0		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	6600096	456140371, Nuclear Regulatory	4861185	CHNRC31E0		Default Lo	\$145,631.07	\$0.00	\$0.00	\$0.00	\$145,631.07
512	089-X-0222	- Science Reimbursable Work with Other Federa	2020	25400	Operation 456100000		C003005	6600096	456140371, Nuclear Regulatory	4861126	CHNRC31E0		Default Lo	\$0.00	\$1,213,592.23	\$0.00	\$1,213,592.23	\$1,213,592.23
512	089-X-0222	- Science Reimbursable Work with Other Federa	2019	25400	Operation 456100000		C003005	6600050	456140196, NASA Other	4860979	CHAGRNN0		Default Lo	\$7,251,862.99	-\$3,592,233.01	\$0.00	-\$3,592,233.01	\$3,659,629.98
512	089-X-0222	- Science Reimbursable Work with Other Federa	2013	25400	Operation 456100000		C003005	6600007	456140050, Research & Develop	4860561	CHAGR9EV0		Default Lo	\$11,621.01	\$0.00	\$0.00	\$0.00	\$11,621.01
512	089-X-0222	- Science Reimbursable Work with Other Federa	2014	25400	Operation 456100000		C003005	6600073	456140358, Other Federal Agen	4860852	CHAGRO170		Default Lo	\$83,084.91	\$0.00	\$0.00	\$0.00	\$83,084.91
512	089-X-0222	- Science Reimbursable Work with Other Federa	2018	25400	Operation 456100000		C003005	6600051	456140200, Research & Develop	4861105	CHAGR18E0		Default Lo	\$10,509.17	\$0.00	\$0.00	\$0.00	\$10,509.17
512	089-X-0222	- Science Reimbursable Work with Other Federa	2017	25400	Operation 456100000		C003005	6600099	456140374, Nuclear Regulatory	4860947	CHAGRNR0		Default Lo	\$1,430.36	-\$1,430.36	\$0.00	-\$1,430.36	\$0.00
512	089-X-0222	- Science Reimbursable Work with Other Federa	2018	25400	Operation 456100000		C003005	6600050	456140196, NASA Other	4860991	CHAGRNN0		Default Lo	\$190,814.09	\$0.00	\$0.00	\$0.00	\$190,814.09
512	089-X-0222	- Science Reimbursable Work with Other Federa	2020	25400	Operation 456100000		C003005	6600096	456140371, Nuclear Regulatory	4861228	CH3131000		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	6600096	456140371, Nuclear Regulatory	4861125	CHNRC31E0		Default Lo	\$155,641.60	\$0.00	\$0.00	\$0.00	\$155,641.60
512	089-X-0222	- Science Reimbursable Work with Other Federa	2018	25400	Operation 456100000		C003005	6600007	456140050, Research & Develop	4860850	CHAGR2010		Default Lo	\$193.69	\$0.00	\$0.00	\$0.00	\$193.69
512	089-X-0222	- Science Reimbursable Work with Other Federa	2018	25400	Operation 456100000		C003005	6600096	456140371, Nuclear Regulatory	4861126	CHNRC31E0		Default Lo	\$252,639.11	\$0.00	\$0.00	\$0.00	\$252,639.11
512	089-X-0222	- Science Reimbursable Work with Other Federa	2019	25400	Operation 456100000		C003005	6600099	456140374, Nuclear Regulatory	4860894	CHAGRNR0		Default Lo	\$1,553.31	\$0.00	\$0.00	\$0.00	\$1,553.31
512	089-X-0222	- Science Reimbursable Work with Other Federa	2014	25400	Operation 456100000		C003005	6600053	456140220, Research & Develop	4803492	CH AGRNII0		Default Lo	\$731,897.00	\$0.00	\$0.00	\$0.00	\$731,897.00
512	089-X-0222	- Science Reimbursable Work with Other Federa	2019	25400	Operation 456100000		C003005	6600050	456140196, NASA Other	4861025	CHAGRNN0		Default Lo	\$1,494.72	\$0.00	\$0.00	\$0.00	\$1,494.72
512	089-X-0222	- Science Reimbursable Work with Other Federa	2020	25400	Operation 456100000		C003005	6600069	456140354, U.S. Agency For Intr	4860930	CHAGRAID0		Default Lo	\$0.00	\$61,056.55	\$0.00	\$61,056.55	\$61,056.55
512	089-X-0222	- Science Reimbursable Work with Other Federa	2012	25400	Operation 456100000		C003005	6600053	456140220, Research & Develop	4804168	CH AGRY10		Default Lo	\$3,309.73	\$0.00	\$0.00	\$0.00	\$3,309.73
512	089-X-0222	- Science Reimbursable Work with Other Federa	2016	25400	Operation 456100000		C003005	6600053	456140220, Research & Develop	4803492	CH AGRNII0		Default Lo	\$455,077.00	\$0.00	\$0.00	\$0.00	\$455,077.00
512	089-X-0222	- Science Reimbursable Work with Other Federa	2017	25400	Operation 456100000		C003005	6600099	456140374, Nuclear Regulatory	4860911	CHAGRNR0		Default Lo	\$72,595.39	\$0.00	\$0.00	\$0.00	\$72,595.39
512	089-X-0222	- Science Reimbursable Work with Other Federa	2020	25400	Operation 456100000		C003005	6600066	456140351, Department of Stat	4861183	CH1931CP0		Default Lo	\$0.00	\$1,500,000.00	\$0.00	\$1,500,000.00	\$1,500,000.00
512	089-X-0222	- Science Reimbursable Work with Other Federa	2013	25400	Operation 456100000		C003005	6600066	456140351, Department of Stat	4860844	CHAGRSIA0		Default Lo	\$3,823.49	\$0.00	\$0.00	\$0.00	\$3,823.49
512	089-X-0222	- Science Reimbursable Work with Other Federa	2014	25400	Operation 456100000		C003005	6600072	456140357, Department of Stat	4860914	CHAGR19E0		Default Lo	\$6,708.87	\$0.00	\$0.00	\$0.00	\$6,708.87
512	089-X-0222	- Science Reimbursable Work with Other Federa	2016	25400	Operation 456100000		C003005	6600099	456140374, Nuclear Regulatory	4860760	CH189N6E0		Default Lo	\$13,279.83	\$0.00	\$0.00	\$0.00	\$13,279.83
512	089-X-0222	- Science Reimbursable Work with Other Federa	2016	25400	Operation 456100000		C003005	6600050	456140196, NASA Other	4860745	CHAGRNN0		Default Lo	\$6,224.31	\$0.00	\$0.00	\$0.00	\$6,224.31
512	089-X-0222	- Science Reimbursable Work with Other Federa	2019	25400	Operation 456100000		C003005	6600050	456140196, NASA Other	4860942	CHAGRNN0		Default Lo	\$181,755.69	\$0.00	\$0.00	\$0.00	\$181,755.69
512	089-X-0222	- Science Reimbursable Work with Other Federa	2014	25400	Operation 456100000		C003005	6600099	456140374, Nuclear Regulatory	4860697	CH189N670		Default Lo	\$67,304.85	-\$67,304.85	\$0.00	-\$67,304.85	\$0.00
512	089-X-0222	- Science Reimbursable Work with Other Federa	2015	25400	Operation 456100000		C003005	6600007	456140050, Research & Develop	4860561	CHAGR9EV0		Default Lo	\$1.29	\$0.00	\$0.00	\$0.00	\$1.29
512	089-X-0222	- Science Reimbursable Work with Other Federa	2017	25400	Operation 456100000		C003005	6600066	456140351, Department of Stat	4861057	CH1931CP0		Default Lo	\$1,583,240.81	\$0.00	\$0.00	\$0.00	\$1,583,240.81
512	089-X-0222	- Science Reimbursable Work with Other Federa	2015	25400	Operation 456100000		C003005	6600053	456140220, Research & Develop	4803492	CH AGRNII0		Default Lo	\$822,752.00	\$0.00	\$0.00	\$0.00	\$822,752.00



BROOKHAVEN NATIONAL LABORATORY  
 CONTRACT MOD # 0167 [May 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
512	089-X-0222 - Science Reimbursable Work with Other Federa	2017	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regulatory	4860901	CHAGRNR10		Default Lo	\$34,547.10	\$0.00	\$0.00	\$0.00	\$34,547.10
512	089-X-0222 - Science Reimbursable Work with Other Federa	2018	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4861069	CHAGR800		Default Lo	\$134,939.61	\$0.00	\$0.00	\$0.00	\$134,939.61
512	089-X-0222 - Science Reimbursable Work with Other Federa	2013	25400	Operation	456100000	C003005	6600067	456140352, Department of Stat	4860796	CHAGR810		Default Lo	\$19.78	\$0.00	\$0.00	\$0.00	\$19.78
512	089-X-0222 - Science Reimbursable Work with Other Federa	2019	25400	Operation	456100000	C003005	6600073	456140358, Other Federal Agen	3015354	CRAGR084		Default Lo	\$194,174.76	\$0.00	\$0.00	\$0.00	\$194,174.76
512	089-X-0222 - Science Reimbursable Work with Other Federa	2019	25400	Operation	456100000	C003005	6600096	456140371, Nuclear Regulatory	4860873	CHAGRNR10		Default Lo	\$882,226.04	\$0.00	\$0.00	\$0.00	\$882,226.04
512	089-X-0222 - Science Reimbursable Work with Other Federa	2015	25400	Operation	456100000	C003005	6600007	456140050, Research & Develo	4860959	CHAGR2010		Default Lo	\$473.22	\$0.00	\$0.00	\$0.00	\$473.22
512	089-X-0222 - Science Reimbursable Work with Other Federa	2019	25400	Operation	456100000	C003005	6600007	456140050, Research & Develo	4861131	CHAGRER20		Default Lo	\$12,305.74	\$0.00	\$0.00	\$0.00	\$12,305.74
512	089-X-0222 - Science Reimbursable Work with Other Federa	2014	25400	Operation	456100000	C003005	6600007	456140050, Research & Develo	4860561	CHAGR9E0		Default Lo	\$8,737.52	\$0.00	\$0.00	\$0.00	\$8,737.52
512	089-X-0222 - Science Reimbursable Work with Other Federa	2019	25400	Operation	456100000	C003005	6600007	456140050, Research & Develo	4861123	CHAGR1E0		Default Lo	\$81,383.58	\$0.00	\$0.00	\$0.00	\$81,383.58
512	089-X-0222 - Science Reimbursable Work with Other Federa	2016	25400	Operation	456100000	C003005	6600066	456140351, Department of Stat	4860970	CHAGR190		Default Lo	\$503,880.42	\$0.00	\$0.00	\$0.00	\$503,880.42
512	089-X-0222 - Science Reimbursable Work with Other Federa	2018	25400	Operation	456100000	C003005	6600096	456140371, Nuclear Regulatory	4860873	CHAGRNR10		Default Lo	\$129,900.08	\$0.00	\$0.00	\$0.00	\$129,900.08
512	089-X-0222 - Science Reimbursable Work with Other Federa	2016	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regulatory	4860817	CH189V64		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	6600050	456140196, NASA Other	4860992	CHAGRNN0		Default Lo	\$50.71	\$0.00	\$0.00	\$0.00	\$50.71
512	089-X-0222 - Science Reimbursable Work with Other Federa	2020	25400	Operation	456100000	C003005	6600096	456140371, Nuclear Regulatory	4860873	CHAGRNR10		Default Lo	\$0.00	\$194,174.75	\$0.00	\$194,174.75	\$194,174.75
512	089-X-0222 - Science Reimbursable Work with Other Federa	2007	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4860316	CHAGRNN0		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	6600053	456140220, Research & Develo	4860902	CHAGRPA10		Default Lo	\$94,589.38	\$0.00	\$0.00	\$0.00	\$94,589.38
512	089-X-0222 - Science Reimbursable Work with Other Federa	2019	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4861169	CHAGR800		Default Lo	\$273,330.10	\$0.00	\$0.00	\$0.00	\$273,330.10
512	089-X-0222 - Science Reimbursable Work with Other Federa	2019	25400	Operation	456100000	C003005	6600007	456140050, Research & Develo	4861119	CHAGR1E0		Default Lo	\$699,896.32	\$0.00	\$0.00	\$0.00	\$699,896.32
512	089-X-0222 - Science Reimbursable Work with Other Federa	2005	25400	Operation	456100000	C003005	6600053	456140220, Research & Develo	4803774	CHAGRRV0		Default Lo	\$527,491.57	\$0.00	\$0.00	\$0.00	\$527,491.57
512	089-X-0222 - Science Reimbursable Work with Other Federa	2019	25400	Operation	456100000	C003005	6600053	456140220, Research & Develo	4861118	CHAGR1R0		Default Lo	\$199,458.49	\$0.00	\$0.00	\$0.00	\$199,458.49
512	089-X-0222 - Science Reimbursable Work with Other Federa	2019	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4860991	CHAGRNN0		Default Lo	\$112,621.36	\$0.00	\$0.00	\$0.00	\$112,621.36
512	089-X-0222 - Science Reimbursable Work with Other Federa	2014	25400	Operation	456100000	C003005	6600099	456140374, Nuclear Regulatory	4860657	CH189V610		Default Lo	\$29,137.54	\$0.00	\$0.00	\$0.00	\$29,137.54
517	089-X-0222 - Science RW Agreements for Commercializing Techn	2019	25400	Operation	456100000	C003005	6600207	4561675C0, Office of Science	SC4860823	CHAGR8720		Default Lo	\$35,674.26	\$0.00	\$0.00	\$0.00	\$35,674.26
517	089-X-0222 - Science RW Agreements for Commercializing Techn	2019	25400	Operation	456100000	C003005	6600207	4561675C0, Office of Science	SC4861010	CHAGR8720		Default Lo	\$3,138,491.98	\$0.00	\$0.00	\$0.00	\$3,138,491.98
517	089-X-0222 - Science RW Agreements for Commercializing Techn	2020	25400	Operation	456100000	C003005	6600207	4561675C0, Office of Science	SC4861108	CHAGR8420		Default Lo	\$0.00	\$1,260,437.86	\$0.00	\$1,260,437.86	\$1,260,437.86
517	089-X-0222 - Science RW Agreements for Commercializing Techn	2018	25400	Operation	456100000	C003005	6600207	4561675C0, Office of Science	SC4860826	CHAGR8720		Default Lo	\$7,745.02	\$0.00	\$0.00	\$0.00	\$7,745.02
517	089-X-0222 - Science RW Agreements for Commercializing Techn	2019	25400	Operation	456100000	C003005	6600207	4561675C0, Office of Science	SC4861108	CHAGR8420		Default Lo	\$3,602,103.30	\$0.00	\$0.00	\$0.00	\$3,602,103.30
517	089-X-0222 - Science RW Agreements for Commercializing Techn	2018	25400	Operation	456100000	C003005	6600207	4561675C0, Office of Science	SC4860834	CHAGR8720		Default Lo	\$13,298.02	\$0.00	\$0.00	\$0.00	\$13,298.02
517	089-X-0222 - Science RW Agreements for Commercializing Techn	2018	25400	Operation	456100000	C003005	6600207	4561675C0, Office of Science	SC4861108	CHAGR8420		Default Lo	\$3,060,444.99	\$0.00	\$0.00	\$0.00	\$3,060,444.99
525	089-20/21-0222 - Science RW with Other Federal Agencies	2020	25400	Operation	456100000	C003005	6600007	456140050, Research & Develo	4861131	CHAGRER20		Default Lo	\$0.00	\$69,527.18	\$0.00	\$69,527.18	\$69,527.18
525	089-20/21-0222 - Science RW with Other Federal Agencies	2020	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4861216	CHAGR800		Default Lo	\$0.00	\$100,266.99	\$0.00	\$100,266.99	\$100,266.99
525	089-20/21-0222 - Science RW with Other Federal Agencies	2020	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4861207	CHAGR800		Default Lo	\$0.00	\$6,796,116.50	\$0.00	\$6,796,116.50	\$6,796,116.50
525	089-20/21-0222 - Science RW with Other Federal Agencies	2020	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4861214	CHAGRNN0		Default Lo	\$0.00	\$110,000.00	\$0.00	\$110,000.00	\$110,000.00
525	089-20/21-0222 - Science RW with Other Federal Agencies	2020	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4861073	CHAGR800		Default Lo	\$0.00	\$44,660.19	\$0.00	\$44,660.19	\$44,660.19
525	089-20/21-0222 - Science RW with Other Federal Agencies	2020	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4861154	CHAGR800		Default Lo	\$0.00	\$31,445.63	\$0.00	\$31,445.63	\$31,445.63
528	089-20/21-0222 ? Science CARES ACT Supplemental PL 116-136	2020	25400	Operation	KP0000000	C001024	2925149	KP1807300, COVID19 - NVBL	Mz0	Default WI0		Default Lo	\$0.00	\$480,000.00	\$0.00	\$480,000.00	\$480,000.00
528	089-20/21-0222 ? Science CARES ACT Supplemental PL 116-136	2020	25400	Operation	KC0000000	C002853	2925141	KC0902010, COVID Related X-R	e0	Default WI0		Default Lo	\$0.00	\$2,350,000.00	\$1,500,000.00	\$3,850,000.00	\$3,850,000.00
528	089-20/21-0222 ? Science CARES ACT Supplemental PL 116-136	2020	25400	Operation	KC0000000	C002853	2925140	KC0901010, COVID Related - M	e0	Default WI0		Default Lo	\$0.00	\$150,000.00	\$0.00	\$150,000.00	\$150,000.00
541	089-19/20-0222 ? Science Reimbursable Work with Other Federa	2020	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4861211	CHAGR800		Default Lo	\$0.00	\$316,019.42	\$0.00	\$316,019.42	\$316,019.42
541	089-19/20-0222 ? Science Reimbursable Work with Other Federa	2020	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4861207	CHAGR800		Default Lo	\$0.00	\$3,592,233.01	\$0.00	\$3,592,233.01	\$3,592,233.01
541	089-19/20-0222 ? Science Reimbursable Work with Other Federa	2020	25400	Operation	456100000	C003005	6600050	456140196, NASA Other	4860992	CHAGRNN0		Default Lo	\$0.00	\$48,543.69	\$0.00	\$48,543.69	\$48,543.69
674	089-18/19-0228 - DA Primary Fund	2018	25400	Operation	TT0000000	C003093	4500001	TT1020000, Contractual Suppor	0	Default WI0		Default Lo	\$9,923.86	\$0.00	\$0.00	\$0.00	\$9,923.86
679	089-15/16-0228 - DA Transfer from USAID (23 USC 2392)	2015	25400	Operation	WA2200000	C001104	2822390	WA2230100, Other Related Expi	0	Default WI302064		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 Expi	0	Default WI0		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 Local Gc	4860825	CHAGR8720		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	2014	25400	Operation	DP1204000	C000912	2220743	DP1204010, Secondary Assessm	0	Default WI0		Default Lo	\$836.82	\$0.00	\$0.00	\$0.00	\$836.82
900	089-X-0240 - Weapons Activities (WA) Primary Fund (was T	2014	25400	Operation	DP4000000	C000925	2222480	DP4011093, Nuclear Counterter	0	Default WI0		Default Lo	\$2,057.91	-\$2,057.91	\$0.00	-\$2,057.91	\$0.00
900	089-X-0240 - Weapons Activities (WA) Primary Fund (was T	2019	25400	Operation	DP0909000	C002955	2223112	DP0909010, Nuclear Criticality S	0	Default WI0		Default Lo	\$35,687.86	\$0.00	\$0.00	\$0.00	\$35,687.86
900	089-X-0240 - Weapons Activities (WA) Primary Fund (was T	2020	25400	Operation	DP0909000	C002955	2223112	DP0909010, Nuclear Criticality S	0	Default WI0		Default Lo	\$0.00	\$427,000.00	\$0.00	\$427,000.00	\$427,000.00
900	089-X-0240 - Weapons Activities (WA) Primary Fund (was T	2015	25400	Operation	DP8000000	C002982	2222989	DP8000000, Counterterrorism a	0	Default WI0		Default Lo	\$1,260.15	\$0.00	\$0.00	\$0.00	\$1,260.15

BROOKHAVEN NATIONAL LABORATORY  
CONTRACT MOD # 0167 [May 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
910	089-X-0240	- WA Reimbursable Work with Other Federal Age	2014	25400	Operation 456100000	C003005	6600084	45614036B, Science and Techn	4860915	CHAGRHSI 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	6600084	45614036B, Science and Techn	4841247	CHAGRHSI 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	2015	25400	Operation 456100000	C003005	6600084	45614036B, Science and Techn	4860847	CHAGRHSI 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	CHAGR70F 0		Default Lo	\$34,783.01	\$0.00	\$0.00	\$0.00	\$34,783.01
910	089-X-0240	- WA Reimbursable Work with Other Federal Age	2014	25400	Operation 456100000	C003005	6600072	456140357, Department of Stati	4860787	CHAGRSIA 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 Stati	4860787	CHAGRSIA 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 Techn	4860789	CHAGRHSI 0		Default Lo	\$4,403.81	\$0.00	\$0.00	\$0.00	\$4,403.81
1050	089-X-0243	- Other Defense Activities (ODA) Primary Fund	2018	25400	Operation HU0000000	C002426	3184709	HU2006100, Occupational Medi	0	Default W/0		Default Lo	\$8.89	\$0.00	\$0.00	\$0.00	\$8.89
1050	089-X-0243	- Other Defense Activities (ODA) Primary Fund	2019	25400	Operation HQ0000000	C002425	3184701	HQ1001000, Worker Advocacy	0	Default W/0		Default Lo	\$67,876.51	\$0.00	\$0.00	\$0.00	\$67,876.51
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2016	25400	Operation 456100000	C003005	6600040	456140142, Other DOD Agencie	4861013	CHAGRNIC 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	2018	25400	Operation 456100000	C003005	6600040	456140142, Other DOD Agencie	4861113	CHAGREA 0		Default Lo	\$3,776.95	\$0.00	\$0.00	\$0.00	\$3,776.95
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation 456100000	C003005	6600084	45614036B, Science and Techn	4861129	CHAGR70F 0		Default Lo	\$30,529.83	\$0.00	\$0.00	\$0.00	\$30,529.83
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation 456100000	C003005	6600040	456140142, Other DOD Agencie	4861085	CHAGRNR 0		Default Lo	\$996.57	\$0.00	\$0.00	\$0.00	\$996.57
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2019	25400	Operation 456100000	C003005	6600040	456140142, Other DOD Agencie	4861148	CHAGREA 0		Default Lo	\$98,179.86	\$0.00	\$0.00	\$0.00	\$98,179.86
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation 456100000	C003005	6600040	456140142, Other DOD Agencie	4861110	CH16003D 0		Default Lo	\$338.24	\$0.00	\$0.00	\$0.00	\$338.24
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2017	25400	Operation 456100000	C003005	6600084	45614036B, Science and Techn	4861048	CHAGRHSI 0		Default Lo	\$6,585.86	\$0.00	\$0.00	\$0.00	\$6,585.86
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2017	25400	Operation 456100000	C003005	6600084	45614036B, Science and Techn	4861049	CHAGRHSI 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	2019	25400	Operation 456100000	C003005	6600084	45614036B, Science and Techn	4861172	CHAGRHSI 0		Default Lo	\$5,654.21	\$0.00	\$0.00	\$0.00	\$5,654.21
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation 456100000	C003005	6600109	456140063, Air Force - Other	4861078	CHAGRF4F 0		Default Lo	\$332.65	\$0.00	\$0.00	\$0.00	\$332.65
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2019	25400	Operation 456100000	C003005	6600040	456140142, Other DOD Agencie	4861152	CHAGRHO 0		Default Lo	\$172,483.51	\$0.00	\$0.00	\$0.00	\$172,483.51
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2016	25400	Operation 456100000	C003005	6600084	45614036B, Science and Techn	4860997	CHAGRHSI 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	2018	25400	Operation 456100000	C003005	6600040	456140142, Other DOD Agencie	4861097	CHAGREA 0		Default Lo	\$3,745.35	\$0.00	\$0.00	\$0.00	\$3,745.35
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2015	25400	Operation 456100000	C003005	6600084	45614036B, Science and Techn	4860933	CHAGRHSI 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	2018	25400	Operation 456100000	C003005	6600040	456140142, Other DOD Agencie	4861112	CHAGREA 0		Default Lo	\$69,446.97	\$0.00	\$0.00	\$0.00	\$69,446.97
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2020	25400	Operation 456100000	C003005	6600084	45614036B, Science and Techn	3015399	CRAGR70F 0		Default Lo	\$0.00	\$30,000.00	\$0.00	\$30,000.00	\$30,000.00
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2019	25400	Operation 456100000	C003005	6600040	456140142, Other DOD Agencie	4861166	CHAGRNR 0		Default Lo	\$123,499.49	\$0.00	\$0.00	\$0.00	\$123,499.49
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2019	25400	Operation 456100000	C003005	6600084	45614036B, Science and Techn	4861140	CHAGR70F 0		Default Lo	\$95,699.66	\$0.00	\$0.00	\$0.00	\$95,699.66
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2016	25400	Operation 456100000	C003005	6600084	45614036B, Science and Techn	4860960	CHAGRHSI 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	2019	25400	Operation 456100000	C003005	6600040	456140142, Other DOD Agencie	4861149	CHAGREA 0		Default Lo	\$119,234.20	\$0.00	\$0.00	\$0.00	\$119,234.20
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation 456100000	C003005	6600038	456140135, DARPA - Other	4861106	CHAGRHR 0		Default Lo	\$3,607.88	\$0.00	\$0.00	\$0.00	\$3,607.88
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2019	25400	Operation 456100000	C003005	6600040	456140142, Other DOD Agencie	4861171	CHAGREA 0		Default Lo	\$174,182.91	\$0.00	\$0.00	\$0.00	\$174,182.91
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2016	25400	Operation 456100000	C003005	6600084	45614036B, Science and Techn	4842534	CHAGRHSI 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 Agencie	4861055	CHAGRN 0		Default Lo	\$300,000.00	\$0.00	\$0.00	\$0.00	\$300,000.00
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation 456100000	C003005	6600040	456140142, Other DOD Agencie	4861082	CHAGREA 0		Default Lo	\$403.92	-\$403.92	\$0.00	-\$403.92	\$0.00
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2019	25400	Operation 456100000	C003005	6600038	456140135, DARPA - Other	4861137	CHAGRHR 0		Default Lo	\$56,714.69	\$0.00	\$0.00	\$0.00	\$56,714.69
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2019	25400	Operation 456100000	C003005	6600040	456140142, Other DOD Agencie	4861155	CHAGREA 0		Default Lo	\$127,323.50	\$0.00	\$0.00	\$0.00	\$127,323.50
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation 456100000	C003005	6600084	45614036B, Science and Techn	4861051	CHAGRHSI 0		Default Lo	\$149,682.38	\$0.00	\$0.00	\$0.00	\$149,682.38
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation 456100000	C003005	6600040	456140142, Other DOD Agencie	4861094	CHAGREA 0		Default Lo	\$9,985.94	\$0.00	\$0.00	\$0.00	\$9,985.94
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2015	25400	Operation 456100000	C003005	6600084	45614036B, Science and Techn	4860960	CHAGRHSI 0		Default Lo	\$120,639.12	\$0.00	\$0.00	\$0.00	\$120,639.12
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation 456100000	C003005	6600040	456140142, Other DOD Agencie	4861083	CHAGREA 0		Default Lo	\$22,941.95	\$0.00	\$0.00	\$0.00	\$22,941.95
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation 456100000	C003005	6600040	456140142, Other DOD Agencie	4861117	CHAGRNR 0		Default Lo	\$125,511.81	\$0.00	\$0.00	\$0.00	\$125,511.81
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2019	25400	Operation 456100000	C003005	6600084	45614036B, Science and Techn	4861129	CHAGR70F 0		Default Lo	\$112,112.00	\$0.00	\$0.00	\$0.00	\$112,112.00
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2019	25400	Operation 456100000	C003005	6600040	456140142, Other DOD Agencie	4861150	CHAGREA 0		Default Lo	\$119,804.68	\$0.00	\$0.00	\$0.00	\$119,804.68
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2016	25400	Operation 456100000	C003005	6600084	45614036B, Science and Techn	4861008	CHAGRHSI 0		Default Lo	\$25,000.00	\$0.00	\$0.00	\$0.00	\$25,000.00
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation 456100000	C003005	6600084	45614036B, Science and Techn	4861024	CHAGRHSI 0		Default Lo	\$3,598.73	\$0.00	\$0.00	\$0.00	\$3,598.73
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2017	25400	Operation 456100000	C003005	6600084	45614036B, Science and Techn	4861005	CHAGRHSI 0		Default Lo	\$1,122,345.17	\$0.00	\$0.00	\$0.00	\$1,122,345.17
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2015	25400	Operation 456100000	C003005	6600084	45614036B, Science and Techn	4860923	CHARGHSI 0		Default Lo	\$696.09	\$0.00	\$0.00	\$0.00	\$696.09
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2012	25400	Operation 456100000	C003005	6600084	45614036B, Science and Techn	4860789	CHAGRHSI 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	2018	25400	Operation 456100000	C003005	6600084	45614036B, Science and Techn	4861124	CHAGR70F 0		Default Lo	\$15,635.71	\$0.00	\$0.00	\$0.00	\$15,635.71
1055	089-X-0243	- ODA Reimbursable Work with Other Federal Ag	2016	25400	Operation 456100000	C003005	6600084	45614036B, Science and Techn	4860994	CHAGRHSI 0		Default Lo	\$2,561.17	-\$2,561.17	\$0.00	-\$2,561.17	\$0.00

BROOKHAVEN NATIONAL LABORATORY  
CONTRACT MOD # 0167 [May 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	2016	25400	Operation	456100000	C003005	6600033	456140124, DNA - Other	4861006	CHAGR10C		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	2018	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencia	4861095	CHAGREA(		Default Lo	\$261.12	\$0.00	\$0.00	\$0.00	\$261.12
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2018	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencia	4861055	CHAGRNC:0		Default Lo	\$299,732.80	\$0.00	\$0.00	\$0.00	\$299,732.80
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2019	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencia	4861147	CHAGREA(		Default Lo	\$345.96	-\$345.96	\$0.00	-\$345.96	\$0.00
1055	089-X-0243 - ODA Reimbursable Work with Other Federal Ag	2019	25400	Operation	456100000	C003005	6600084	45614036B, Science and Techn	4861143	CHAGR70F0		Default Lo	\$106,799.55	\$0.00	\$0.00	\$0.00	\$106,799.55
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2020	25400	Operation	GD6000000	C002970	3203763	GD6020300, Investigations	0	Default W/O		Default Lo	\$0.00	\$3,253,300.00	\$0.00	\$3,253,300.00	\$3,253,300.00
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2018	25400	Operation	GD6000000	C002970	3203780	GD6050200, Technical Services	0	Default W/O		Default Lo	\$147.49	\$0.00	\$0.00	\$0.00	\$147.49
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2020	25400	Operation	GD6000000	C002970	3203764	GD6020400, CI Training	0	Default W/O		Default Lo	\$0.00	\$20,000.00	\$0.00	\$20,000.00	\$20,000.00
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2019	25400	Operation	GD6000000	C002970	3203769	GD6020900, Office of The SCIO	0	Default W/O		Default Lo	\$159,749.68	\$0.00	\$0.00	\$0.00	\$159,749.68
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2018	25400	Operation	GD6000000	C002970	3203764	GD6020400, CI Training	0	Default W/O		Default Lo	\$44,205.46	\$0.00	\$0.00	\$0.00	\$44,205.46
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2019	25400	Operation	GD6000000	C002970	3203761	GD6020100, Analysis	0	Default W/O		Default Lo	\$178,271.45	\$0.00	\$0.00	\$0.00	\$178,271.45
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2017	25400	Operation	GD6000000	C002970	3203779	GD6050100, CYBER & OPERATIC	0	Default W/O		Default Lo	\$864.41	-\$864.41	\$0.00	-\$864.41	\$0.00
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2019	25400	Operation	GD6000000	C002970	3203762	GD6020200, Security	0	Default W/O		Default Lo	\$31,594.63	\$0.00	\$0.00	\$0.00	\$31,594.63
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2020	25400	Operation	GD6000000	C002970	3203761	GD6020100, Analysis	0	Default W/O		Default Lo	\$0.00	\$790,500.00	\$0.00	\$790,500.00	\$790,500.00
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2019	25400	Operation	GD6000000	C002970	3203763	GD6020300, Investigations	0	Default W/O		Default Lo	\$506,503.22	\$0.00	\$0.00	\$0.00	\$506,503.22
1071	089-19/20-0243 - ODA Reimbursable Work with Other Federal Ag	2020	25400	Operation	456100000	C003005	6600109	456140063, Air Force - Other	4861188	CHAGRF4F0		Default Lo	\$0.00	\$14,563.11	\$0.00	\$14,563.11	\$14,563.11
1071	089-19/20-0243 - ODA Reimbursable Work with Other Federal Ag	2020	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencia	4861194	CHAGRHQ.0		Default Lo	\$0.00	\$250,000.00	\$0.00	\$250,000.00	\$250,000.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2015	25400	Operation	NN4000000	C001056	2222733	NN4012040, Policy Studies and :	0	Default W/O		Default Lo	\$1.95	-\$1.95	\$0.00	-\$1.95	\$0.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2020	25400	Operation	DN4000000	C003042	2223096	DN4001030, Safeguards Techno	0	Default W/O		Default Lo	\$0.00	\$428,000.00	\$0.00	\$428,000.00	\$428,000.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2020	25400	Operation	DN3001000	C003039	2223079	DN3001010, Highly Enriched Ur:	0	Default W/O		Default Lo	\$0.00	\$253,517.00	\$0.00	\$253,517.00	\$253,517.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	DN1005000	C003088	2223152	DN1005010, Domestic Radiologi	0	Default W/O		Default Lo	\$185,729.08	\$0.00	\$0.00	\$0.00	\$185,729.08
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2015	25400	Operation	NN4000000	C001056	2222717	NN4009010, Safeguards Policy :	0	Default W/O		Default Lo	\$0.89	-\$0.89	\$0.00	-\$0.89	\$0.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2017	25400	Operation	DN1001000	C003034	2223049	DN1001011, U.S. Costs for Russi	0	Default W/O		Default Lo	\$139,186.91	\$0.00	\$0.00	\$0.00	\$139,186.91
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	DN4000000	C003042	2223106	DN4004040, Policy Studies and :	0	Default W/O		Default Lo	\$56,502.85	\$0.00	\$0.00	\$0.00	\$56,502.85
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2020	25400	Operation	DN4000000	C003042	2223106	DN4004040, Policy Studies and :	0	Default W/O		Default Lo	\$0.00	\$150,000.00	\$0.00	\$150,000.00	\$150,000.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	CT8000000	C003284	2223144	CT8001000, NA-80 CTCPC	0	Default W/O		Default Lo	\$56,005.95	\$0.00	\$0.00	\$0.00	\$56,005.95
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2015	25400	Operation	NN5000000	C001058	2221235	NN5002020, In-Country Costs fc	0	Default W/O		Default Lo	\$728,917.12	-\$9,475.00	\$0.00	-\$9,475.00	\$719,442.12
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	DN4000000	C003042	2223103	DN4004010, Civil Nuclear Coope	0	Default W/O		Default Lo	\$179,045.00	\$0.00	\$0.00	\$0.00	\$179,045.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	CT8000000	C003284	2223020	CT8401000, Radiological Assista	0	Default W/O		Default Lo	\$415,188.51	\$0.00	\$0.00	\$0.00	\$415,188.51
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2020	25400	Operation	DN2010000	C003118	2223180	DN2010000, Proliferation Detec	0	Default W/O		Default Lo	\$0.00	\$4,030,000.00	\$0.00	\$4,030,000.00	\$4,030,000.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2020	25400	Operation	DN1006000	C003089	2223153	DN1006010, International Radic	0	Default W/O		Default Lo	\$0.00	\$150,000.00	\$0.00	\$150,000.00	\$150,000.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2020	25400	Operation	CT8000000	C003284	2223020	CT8401000, Radiological Assista	0	Default W/O		Default Lo	\$0.00	\$2,437,570.00	\$0.00	\$2,437,570.00	\$2,437,570.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	DN1003000	C003036	2223063	DN1003011, U.S. Costs for Russi	0	Default W/O		Default Lo	\$300,411.24	\$0.00	\$0.00	\$0.00	\$300,411.24
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2020	25400	Operation	CT8000000	C003284	2223218	CT8406030, Contingency Reserv	0	Default W/O		Default Lo	\$0.00	\$40,000.00	\$0.00	\$40,000.00	\$40,000.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2020	25400	Operation	DN4000000	C003042	2223095	DN4001020, Safeguards Engage	0	Default W/O		Default Lo	\$0.00	\$688,000.00	\$0.00	\$688,000.00	\$688,000.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	DN4000000	C003042	2223096	DN4001030, Safeguards Techno	0	Default W/O		Default Lo	\$540,094.18	\$0.00	\$0.00	\$0.00	\$540,094.18
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2016	25400	Operation	DN1001000	C003034	2223053	DN1001021, U.S. Costs for Russi	0	Default W/O		Default Lo	\$288,345.44	\$0.00	\$0.00	\$0.00	\$288,345.44
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	DN4000000	C003042	2223094	DN4001010, Safeguards Policy	0	Default W/O		Default Lo	\$300,960.59	\$0.00	\$0.00	\$0.00	\$300,960.59
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	DN2012000	C003120	2223182	DN2012010, U.S. High Performa	0	Default W/O		Default Lo	\$10,019.78	\$0.00	\$0.00	\$0.00	\$10,019.78
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2018	25400	Operation	DN1003000	C003036	2223063	DN1003011, U.S. Costs for Russi	0	Default W/O		Default Lo	\$77,831.19	\$0.00	\$0.00	\$0.00	\$77,831.19
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	DN2010000	C003118	2223180	DN2010000, Proliferation Detec	0	Default W/O		Default Lo	\$326,796.72	\$0.00	\$0.00	\$0.00	\$326,796.72
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2020	25400	Operation	CT8000000	C003284	2223023	CT8404010, Evaluation, Exercise	0	Default W/O		Default Lo	\$0.00	\$79,000.00	\$0.00	\$79,000.00	\$79,000.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2017	25400	Operation	DN2001000	C003038	2223154	DN2001030, USHPRR	0	Default W/O		Default Lo	\$2.37	\$0.00	\$0.00	\$0.00	\$2.37
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2015	25400	Operation	NN2000000	C001052	2221132	NN2001000, Nonproliferation D	0	Default W/O		Default Lo	\$1.79	\$0.00	\$0.00	\$0.00	\$1.79
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2020	25400	Operation	CT8000000	C003284	2223144	CT8001000, NA-80 CTCPC	0	Default W/O		Default Lo	\$0.00	\$60,000.00	\$0.00	\$60,000.00	\$60,000.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2020	25400	Operation	DN4000000	C003042	2223094	DN4001010, Safeguards Policy	0	Default W/O		Default Lo	\$0.00	\$625,000.00	\$0.00	\$625,000.00	\$625,000.00
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2018	25400	Operation	CT8000000	C003284	2223014	CT8101000, Nuclear Incident Po	0	Default W/O		Default Lo	\$41,561.96	\$0.00	\$0.00	\$0.00	\$41,561.96
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2015	25400	Operation	NN5000000	C001058	2221234	NN5002010, U.S. Costs for Russi	0	Default W/O		Default Lo	\$18,170.30	\$9,475.00	\$0.00	\$9,475.00	\$27,645.30
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	DN4000000	C003042	2223095	DN4001020, Safeguards Engage	0	Default W/O		Default Lo	\$264,643.88	\$0.00	\$0.00	\$0.00	\$264,643.88
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation	CT8000000	C003284	2223023	CT8404010, Evaluation, Exercise	0	Default W/O		Default Lo	\$2,159.62	\$0.00	\$0.00	\$0.00	\$2,159.62

BROOKHAVEN NATIONAL LABORATORY  
 CONTRACT MOD # 0167 [May 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
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2020	25400	Operation DN1001000	C003034	2223053	DN1001021, U.S. Costs for Russi	0	Default	W/0		\$0.00	\$35,692.59	\$0.00	\$35,692.59	\$35,692.59
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation DN4000000	C003042	2223101	DN4003010, Warhead Verificati	0	Default	W/0		\$9,981.33	\$0.00	\$0.00	\$0.00	\$9,981.33
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2020	25400	Operation CT8000000	C003284	2223022	CT8403000, Consequence Mana	0	Default	W/0		\$0.00	\$100,000.00	\$0.00	\$100,000.00	\$100,000.00
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2020	25400	Operation DN4000000	C003042	2223210	DN4001050, Safeguards Crossc	0	Default	W/0		\$0.00	\$230,000.00	\$0.00	\$230,000.00	\$230,000.00
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation DN1006000	C003089	2223153	DN1006010, International Radi	0	Default	W/0		\$0.00	\$0.00	\$0.00	\$0.00	\$24,365.89
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation DN4000000	C003042	2223102	DN4003020, Nuclear Complianc	0	Default	W/0		\$140,079.81	\$0.00	\$0.00	\$0.00	\$140,079.81
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2020	25400	Operation DN4000000	C003042	2223105	DN4004030, Multilateral Supplir	0	Default	W/0		\$0.00	\$40,000.00	\$0.00	\$40,000.00	\$40,000.00
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2016	25400	Operation DN4000000	C003042	2223105	DN4004030, Multilateral Supplir	0	Default	W/0		\$68,067.39	\$0.00	\$0.00	\$0.00	\$68,067.39
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2020	25400	Operation DN4000000	C003042	2223102	DN4003020, Nuclear Complianc	0	Default	W/0		\$0.00	\$468,828.00	\$0.00	\$468,828.00	\$468,828.00
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2020	25400	Operation DN1003000	C003036	2223063	DN1003011, U.S. Costs for Russi	0	Default	W/0		\$0.00	\$1,190,742.28	\$0.00	\$1,190,742.28	\$1,190,742.28
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2020	25400	Operation DN2011000	C003119	2223181	DN2011000, Nuclear Detonati	0	Default	W/0		\$0.00	\$250,000.00	\$0.00	\$250,000.00	\$250,000.00
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2017	25400	Operation DN2001000	C003038	2223076	DN2001010, Proliferation Detec	0	Default	W/0		\$2,727.18	\$0.00	\$0.00	\$0.00	\$2,727.18
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2019	25400	Operation CT8000000	C003284	2223014	CT8101000, Nuclear Incident Po	0	Default	W/0		\$15,000.00	\$0.00	\$0.00	\$0.00	\$15,000.00
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2015	25400	Operation NN5000000	C001058	2221240	NN5004010, U.S. Costs for Russi	0	Default	W/0		\$2,916.33	\$0.00	\$0.00	\$0.00	\$2,916.33
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2018	25400	Operation DN4000000	C003042	2223103	DN4004010, Civil Nuclear Coope	0	Default	W/0		\$752.78	\$0.00	\$0.00	\$0.00	\$752.78
1557	089-X-0309	- DNN Second Line of Defense International Co	2012	25400	Operation NN5000000	C001058	2222290	NN5010000, International Contr	0	Default	W/0		\$39,192.22	\$0.00	\$0.00	\$0.00	\$39,192.22
1650	089-X-0313	- Federal Salaries and Expenses (OA) (was AD)	2010	25400	Operation PS0000000	C001075	2221514	PS0202132, Advisory and Assist	0	Default	W/0		\$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, Counterterror	0	Default	W/0		\$2,021.13	\$0.00	\$0.00	\$0.00	\$2,021.13
1751	089-X-0315	- Non-Defense Environmental Cleanup (NDEC) Pr	2019	25400	Operation EZ5000000	C002226	1110983	EZ5012410 - BRNL-0041 Nuclear	0	Default	W/0		\$0.00	\$1,564,800.00	\$0.00	\$1,564,800.00	\$1,564,800.00
1751	089-X-0315	- Non-Defense Environmental Cleanup (NDEC) Pr	2018	25400	Operation EZ5000000	C002226	1110983	EZ5012410 - BRNL-0041 Nuclear	0	Default	W/0		\$197,200.35	\$0.00	\$0.00	\$0.00	\$197,200.35
1751	089-X-0315	- Non-Defense Environmental Cleanup (NDEC) Pr	2020	25400	Operation EZ5000000	C002226	1111727	EZ5056410, CBC-0040-EF: Scien	0	Default	W/0		\$0.00	\$4,500,000.00	\$0.00	\$4,500,000.00	\$4,500,000.00
1751	089-X-0315	- Non-Defense Environmental Cleanup (NDEC) Pr	2015	25400	Operation EZ5000000	C002226	1110981	EZ5012300 - BRNL-0030 Soil anc	0	Default	W/0		\$47.62	\$0.00	\$0.00	\$0.00	\$47.62
1751	089-X-0315	- Non-Defense Environmental Cleanup (NDEC) Pr	2013	25400	Operation EZ5000000	C002226	1110981	EZ5012300 - BRNL-0030 Soil anc	0	Default	W/0		\$108,184.59	\$0.00	\$0.00	\$0.00	\$108,184.59
2300	089-X-4180	- Isotope Production and Distribution Fund (P	2019	25400	Operation ST0000000	C001087	2720714	ST5001020, Brookhaven Linear I	0	Default	W/0		\$350,000.00	\$0.00	\$0.00	\$0.00	\$350,000.00
2300	089-X-4180	- Isotope Production and Distribution Fund (P	2020	25400	Operation ST0000000	C001087	2924280	ST6001032, Hot Cell and Other f	0	Default	W/0		\$0.00	\$2,049,000.00	\$0.00	\$2,049,000.00	\$2,049,000.00
2300	089-X-4180	- Isotope Production and Distribution Fund (P	2018	25400	Operation ST0000000	C001087	2720714	ST5001020, Brookhaven Linear I	0	Default	W/0		\$259,374.42	\$0.00	\$0.00	\$0.00	\$259,374.42
2300	089-X-4180	- Isotope Production and Distribution Fund (P	2019	25400	Operation ST0000000	C001087	2924424	ST5001040, Actinium-225 Techr	0	Default	W/0		\$323,000.00	\$0.00	\$0.00	\$0.00	\$323,000.00
2300	089-X-4180	- Isotope Production and Distribution Fund (P	2019	25400	Operation ST0000000	C001087	2720718	ST6001020, Brookhaven Linear I	0	Default	W/0		\$569,438.47	\$458,000.00	\$0.00	\$458,000.00	\$1,027,438.47
2300	089-X-4180	- Isotope Production and Distribution Fund (P	2020	32003	Accelerato ST0000000	C001087	2924281	ST6001034, Facility Upgrades	0	Default	W/485395	CHAIP	\$0.00	\$90,000.00	\$0.00	\$90,000.00	\$90,000.00
2300	089-X-4180	- Isotope Production and Distribution Fund (P	2019	25400	Operation ST0000000	C001087	2720715	ST5001030, Other National Lab	0	Default	W/0		\$387,993.08	\$400,000.00	\$0.00	\$400,000.00	\$787,993.08
2300	089-X-4180	- Isotope Production and Distribution Fund (P	2019	25400	Operation ST0000000	C001087	2924306	ST6001031, Production	0	Default	W/0		\$5,447,419.38	\$0.00	\$0.00	\$0.00	\$5,447,419.38
2300	089-X-4180	- Isotope Production and Distribution Fund (P	2020	25400	Operation ST0000000	C001087	2924424	ST5001040, Actinium-225 Techr	0	Default	W/0		\$0.00	\$365,000.00	\$0.00	\$365,000.00	\$365,000.00
2300	089-X-4180	- Isotope Production and Distribution Fund (P	2018	32003	Accelerato ST0000000	C001087	2924281	ST6001034, Facility Upgrades	0	Default	W/485395	CHAIP	\$1,466,518.90	\$0.00	\$0.00	\$0.00	\$1,466,518.90
2300	089-X-4180	- Isotope Production and Distribution Fund (P	2018	25400	Operation ST0000000	C001087	2720716	ST5002000, University Research	0	Default	W/0		\$10,768.67	\$0.00	\$0.00	\$0.00	\$10,768.67
2300	089-X-4180	- Isotope Production and Distribution Fund (P	2016	25400	Operation ST0000000	C001087	2924282	ST6001036, Technical Services	0	Default	W/0		\$18,396.78	\$0.00	\$0.00	\$0.00	\$18,396.78
2300	089-X-4180	- Isotope Production and Distribution Fund (P	2018	25400	Operation ST0000000	C001087	2924281	ST6001034, Facility Upgrades	0	Default	W/0		\$201,258.53	\$0.00	\$0.00	\$0.00	\$201,258.53
2300	089-X-4180	- Isotope Production and Distribution Fund (P	2019	25400	Operation ST0000000	C001087	2924280	ST6001032, Hot Cell and Other f	0	Default	W/0		\$1,104,187.68	\$1,040,000.00	\$0.00	\$1,040,000.00	\$2,144,187.68
2300	089-X-4180	- Isotope Production and Distribution Fund (P	2020	25400	Operation ST0000000	C001087	2720718	ST6001020, Brookhaven Linear I	0	Default	W/0		\$0.00	\$324,000.00	\$0.00	\$324,000.00	\$324,000.00
2300	089-X-4180	- Isotope Production and Distribution Fund (P	2018	25400	Operation ST0000000	C001087	2924424	ST5001040, Actinium-225 Techr	0	Default	W/0		\$795,949.65	\$0.00	\$0.00	\$0.00	\$795,949.65
2300	089-X-4180	- Isotope Production and Distribution Fund (P	2020	25400	Operation ST0000000	C001087	2720715	ST5001030, Other National Lab	0	Default	W/0		\$0.00	\$640,000.00	\$0.00	\$640,000.00	\$640,000.00
2300	089-X-4180	- Isotope Production and Distribution Fund (P	2020	25400	Operation ST0000000	C001087	2720716	ST5002000, University Research	0	Default	W/0		\$0.00	\$30,000.00	\$0.00	\$30,000.00	\$30,000.00
5300	089-X-0318	- Electricity Delivery	2016	25400	Operation TE1200000	C002799	3123792	TE1201000, Smart Grid	0	Default	W/0		\$2,262.82	-\$2,262.82	\$0.00	-\$2,262.82	\$0.00
5300	089-X-0318	- Electricity Delivery	2016	25400	Operation TE1200000	C002799	3123812	TE1206000, Advanced Secure Se	0	Default	W/0		\$22.70	-\$22.70	\$0.00	-\$22.70	\$0.00
5300	089-X-0318	- Electricity Delivery	2016	25400	Operation TE1100000	C002798	3123789	TE1101000, Transmission Reliab	0	Default	W/0		\$136.88	-\$136.88	\$0.00	-\$136.88	\$0.00
5300	089-X-0318	- Electricity Delivery	2016	25400	Operation TE1300000	C002800	3123815	TE1305000, Virtual Energy Sectr	0	Default	W/0		\$117.37	\$0.00	\$0.00	\$0.00	\$117.37
5300	089-X-0318	- Electricity Delivery	2017	25400	Operation TE1100000	C002798	3123816	TE1104010, Monitoring and Rea	0	Default	W/0		\$12,301.98	\$0.00	\$0.00	\$0.00	\$12,301.98
5300	089-X-0318	- Electricity Delivery	2016	25400	Operation TE1100000	C002798	3123802	TE1104000, Energy Systems Pre	0	Default	W/0		\$128,941.30	-\$126,987.80	\$0.00	-\$126,987.80	\$1,953.50
5300	089-X-0318	- Electricity Delivery	2016	25400	Operation TE1200000	C002799	3123810	TE1204000, Dynamic Controls &	0	Default	W/0		\$205.91	-\$205.91	\$0.00	-\$205.91	\$0.00
5300	089-X-0318	- Electricity Delivery	2017	25400	Operation TE1300000	C002800	3123803	TE1301000, Cyber for Energy Se	0	Default	W/0		\$356.54	\$0.00	\$0.00	\$0.00	\$356.54
5300	089-X-0318	- Electricity Delivery	2019	25400	Operation TE1100000	C002798	3123785	TE1103000, Advanced Modeling	0	Default	W/0		\$1,400,000.00	\$0.00	\$0.00	\$0.00	\$1,400,000.00

BROOKHAVEN NATIONAL LABORATORY  
CONTRACT MOD # 0167 [May 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
5300	089-X-0318 - Electricity Delivery	2020	25400	Operation TE1100000		C002798	3123785	TE1103000, Advanced Modeling		Default W/O		Default Lo	\$0.00	\$370,000.00	\$0.00	\$370,000.00	\$370,000.00
5300	089-X-0318 - Electricity Delivery	2018	25400	Operation TE1100000		C002798	3123785	TE1103000, Advanced Modeling		Default W/O		Default Lo	\$264,522.58	\$0.00	\$0.00	\$0.00	\$264,522.58
5300	089-X-0318 - Electricity Delivery	2016	25400	Operation TF0000000		C002802	3123796	TF0000000, Transmission Permi		Default W/O		Default Lo	\$121.66	-\$121.66	\$0.00	-\$121.66	\$0.00
5300	089-X-0318 - Electricity Delivery	2017	25400	Operation TE1200000		C002799	3123809	TE1203000, Advance Distributio		Default W/O		Default Lo	\$621.94	-\$621.94	\$0.00	-\$621.94	\$0.00
5300	089-X-0318 - Electricity Delivery	2016	25400	Operation TE1300000		C002800	3123804	TE1302000, Cyber for Energy Se		Default W/O		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 Res		Default W/O		Default Lo	\$260.97	-\$260.97	\$0.00	-\$260.97	\$0.00
5300	089-X-0318 - Electricity Delivery	2018	25400	Operation TE1200000		C002799	3123811	TE1205000, Resilient Electric Di		Default W/O		Default Lo	\$41,767.81	\$0.00	\$0.00	\$0.00	\$41,767.81
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2019	25400	Operation RC0600000		C003237	2720992	RC0603000, Management and Ir		Default W/O		Default Lo	\$8,463.14	\$0.00	\$0.00	\$0.00	\$8,463.14
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2020	25400	Operation FT1100000		C003290	2721023	FT1105000, Systems Analysis an		Default W/O		Default Lo	\$0.00	\$384,642.00	\$0.00	\$384,642.00	\$384,642.00
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2020	25400	Operation RC0500000		C003095	2720978	RC0504000, Program Assessmer		Default W/O		Default Lo	\$0.00	\$150,000.00	\$0.00	\$150,000.00	\$150,000.00
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2019	25400	Operation AF5800000		C000822	2720667	AF5810000, Advanced Fuels Res		Default W/O		Default Lo	\$69,520.80	\$0.00	\$0.00	\$0.00	\$69,520.80
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2019	25400	Operation RC0500000		C003095	2720978	RC0504000, Program Assessmer		Default W/O		Default Lo	\$21,031.64	\$0.00	\$0.00	\$0.00	\$21,031.64
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2018	25400	Operation AF5800000		C000822	2720875	AF5832030, Program Assessmer		Default W/O		Default Lo	\$352,232.57	\$0.00	\$0.00	\$0.00	\$352,232.57
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2018	25400	Operation AF5800000		C000822	2720955	AF5832040, Management & Intr		Default W/O		Default Lo	\$480,756.06	\$0.00	\$0.00	\$0.00	\$480,756.06
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2019	25400	Operation AF5800000		C000822	2720703	AF5835000, Safeguards		Default W/O		Default Lo	\$77,737.45	\$0.00	\$0.00	\$0.00	\$77,737.45
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2020	25400	Operation FT0900000		C003288	2721068	FT0903000, Management and Ir		Default W/O		Default Lo	\$0.00	\$35,000.00	\$0.00	\$35,000.00	\$35,000.00
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2017	25400	Operation RC0400000		C002775	2720918	RC0424000, ARC International C		Default W/O		Default Lo	\$368.50	\$0.00	\$0.00	\$0.00	\$368.50
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2017	25400	Operation AF5800000		C000822	2720625	AF5855000, Fuel Resources R&E		Default W/O		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	2720874	AF5832020, Systems Analysis		Default W/O		Default Lo	\$43,775.94	\$0.00	\$0.00	\$0.00	\$43,775.94
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2017	25400	Operation AF5800000		C000822	2720965	AF5861010, Spent Fuel and Was		Default W/O		Default Lo	\$740.20	\$0.00	\$0.00	\$0.00	\$740.20
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2020	25400	Operation FT0900000		C003288	2721080	FT0907000, Laboratory Activitie		Default W/O		Default Lo	\$0.00	\$400,000.00	\$0.00	\$400,000.00	\$400,000.00
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2019	25400	Operation NT0400000		C002805	2720882	NT0402000, National Scientific		Default W/O		Default Lo	\$465,962.87	\$0.00	\$0.00	\$0.00	\$465,962.87
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2019	25400	Operation AF5800000		C000822	2720875	AF5832030, Program Assessmer		Default W/O		Default Lo	\$51,000.00	\$0.00	\$0.00	\$0.00	\$51,000.00
5350	089-X-0319 - Nuclear Energy (NE) Primary Fund (P.L. 110-	2018	25400	Operation NT0800000		C003286	2720928	NT0803000, Reactor Physics		Default W/O		Default Lo	\$129,028.00	\$0.00	\$0.00	\$0.00	\$129,028.00
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2018	25400	Operation BT0000000		C000848	1004210	BT0101000, Research and Devel		Default W/O		Default Lo	\$24,055.38	\$0.00	\$0.00	\$0.00	\$24,055.38
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2018	25400	Operation GT0000000		C002910	1005623	GT0200000, Low Temperature a		Default W/O		Default Lo	\$4,819.47	\$0.00	\$0.00	\$0.00	\$4,819.47
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2019	25400	Operation GT0000000		C002910	1005623	GT0200000, Low Temperature a		Default W/O		Default Lo	\$950,000.00	\$0.00	\$0.00	\$0.00	\$950,000.00
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2018	25400	Operation HT0000000		C002796	1009190	HT0101000, Materials and Comj		Default W/O		Default Lo	\$93,487.86	\$0.00	\$0.00	\$0.00	\$93,487.86
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2017	25400	Operation SL0000000		C002911	1005616	SL0300000, Systems Integration		Default W/O		Default Lo	\$665,015.61	\$0.00	\$0.00	\$0.00	\$665,015.61
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2016	25400	Operation PG0000000		C002840	1005604	PG0400000, Innovation & Deplo		Default W/O		Default Lo	\$40,972.14	\$0.00	\$0.00	\$0.00	\$40,972.14
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2014	25400	Operation BM0000000		C002732	1009218	BM0107000, Biopower		Default W/O		Default Lo	\$1,252.09	\$0.00	\$0.00	\$0.00	\$1,252.09
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2016	25400	Operation VT0000000		C001096	1005556	VT1301000, Vehicle and System		Default W/O		Default Lo	\$5,774.29	\$0.00	\$0.00	\$0.00	\$5,774.29
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2019	25400	Operation HT0000000		C002796	1009190	HT0101000, Materials and Comj		Default W/O		Default Lo	\$300,000.00	\$0.00	\$0.00	\$0.00	\$300,000.00
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2019	25400	Operation WW0000000		C002917	1005682	WW0800000, Mitigate Market E		Default W/O		Default Lo	\$0.00	\$13,837.00	\$0.00	\$13,837.00	\$13,837.00
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2018	25400	Operation GT0000000		C002910	1005613	GT0300000, Hydrothermal		Default W/O		Default Lo	\$10,301.60	\$0.00	\$0.00	\$0.00	\$10,301.60
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2016	25400	Operation HT0000000		C002796	1009190	HT0101000, Materials and Comj		Default W/O	302017	TCF Fundir	\$294.34	\$0.00	\$0.00	\$0.00	\$294.34
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2020	25400	Operation VT0000000		C001096	1005554	VT1201000, Batteries & Electric		Default W/O		Default Lo	\$0.00	\$2,201,250.00	\$0.00	\$2,201,250.00	\$2,201,250.00
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2014	25400	Operation GT0000000		C002910	1005612	GT0100000, Enhanced Geother		Default W/O		Default Lo	\$6,283.33	\$0.00	\$0.00	\$0.00	\$6,283.33
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2017	25400	Operation HT0000000		C002796	2223156	HT1100000, Technology Acceler		Default W/O		Default Lo	\$2,577.39	\$0.00	\$0.00	\$0.00	\$2,577.39
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2019	25400	Operation SL0000000		C002911	1005616	SL0300000, Systems Integration		Default W/O		Default Lo	\$123,776.00	\$0.00	\$0.00	\$0.00	\$123,776.00
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2018	25400	Operation SL0000000		C002911	1005616	SL0300000, Systems Integration		Default W/O		Default Lo	\$226,224.00	\$0.00	\$0.00	\$0.00	\$226,224.00
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2018	25400	Operation SL0000000		C002911	1005622	SL0200000, Photovoltaic R&D		Default W/O		Default Lo	\$268.16	\$0.00	\$0.00	\$0.00	\$268.16
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2020	25400	Operation BT0000000		C000848	1004210	BT0101000, Research and Devel		Default W/O		Default Lo	\$0.00	\$700,000.00	\$0.00	\$700,000.00	\$700,000.00
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2019	25400	Operation BM0000000		C002732	1004173	BM0102060, Integration of Bior		Default W/O		Default Lo	\$0.00	\$1,095,692.00	\$0.00	\$1,095,692.00	\$1,095,692.00
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2019	25400	Operation VT0000000		C001096	1005554	VT1201000, Batteries & Electric		Default W/O		Default Lo	\$2,180,240.94	\$0.00	\$0.00	\$0.00	\$2,180,240.94
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2019	25400	Operation BT0000000		C000848	1004219	BT0304030, Buildings-to-Grid		Default W/O		Default Lo	\$0.00	\$213,394.00	\$0.00	\$213,394.00	\$213,394.00
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2018	25400	Operation BT0000000		C000848	1004219	BT0304030, Buildings-to-Grid		Default W/O		Default Lo	\$355,633.31	\$0.00	\$0.00	\$0.00	\$355,633.31
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2020	25400	Operation BT0000000		C000848	1004222	BT0400000, Equipment and Buil		Default W/O		Default Lo	\$0.00	\$250,000.00	\$0.00	\$250,000.00	\$250,000.00
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2016	25400	Operation ED0000000		C000949	1009209	ED2701000, Next Generation M		Default W/O		Default Lo	\$276,958.14	\$0.00	\$0.00	\$0.00	\$276,958.14
5450	089-X-0321 - Energy Efficiency and Renewable Energy (EER	2017	25400	Operation VT0000000		C001096	1005556	VT1301000, Vehicle and System		Default W/O		Default Lo	\$7,401.00	\$0.00	\$0.00	\$0.00	\$7,401.00

BROOKHAVEN NATIONAL LABORATORY  
 CONTRACT MOD # 0167 [May 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
5489	089-16/17-0321 - EERE Reimbursable Work with Other Federal A	2016	25400	Operation	456100000	C003005	6600073	456140358, Other Federal Agen	4861011	CHAGRGX	302027	OTT 16-17	\$32,628.12	\$0.00	\$0.00	\$0.00	\$32,628.12
5498	089-X-0321 - EERE Reimbursable Work with Non-Federal Ent	2017	25400	Operation	456100000	C003005	6600146	456160031, Industry - Domestic	4860966	CHAGR87	0	Default Lo	\$11,618.24	\$0.00	\$0.00	\$0.00	\$11,618.24
5499	089-X-0321 - EERE Reimbursable Work with Other Federal A	2016	25400	Operation	456100000	C003005	6600072	456140357, Department of Stat	3012199	CRAGR-S	C	Default Lo	\$25,808.25	\$0.00	\$0.00	\$0.00	\$25,808.25
5499	089-X-0321 - EERE Reimbursable Work with Other Federal A	2014	25400	Operation	456100000	C003005	6600072	456140357, Department of Stat	3011110	CRAGRS-O	0	Default Lo	\$45.77	-\$45.77	\$0.00	-\$45.77	\$0.00
5499	089-X-0321 - EERE Reimbursable Work with Other Federal A	2014	25400	Operation	456100000	C003005	6600072	456140357, Department of Stat	3012882	CRAGR 19	0	Default Lo	\$638.50	-\$638.50	\$0.00	-\$638.50	\$0.00
5900	089X2250 Cybersecurity, Energy Security and Emergency Respo	2019	25400	Operation	TG0000000	C003224	4219019	TG0104020, Crosscut ? Energy S	0	Default W/O		Default Lo	\$56,506.00	\$0.00	\$0.00	\$0.00	\$56,506.00
6600	089X0337 - Energy Transformation Acceleration Fund - A	2014	25400	Operation	CJ0100000	C002599	3166012	CJ0100000, ARPA-E Projects	0	Default W/	1250	CHARPA-0	\$207.88	\$0.00	\$0.00	\$0.00	\$207.88
6600	089X0337 - Energy Transformation Acceleration Fund - A	2014	25400	Operation	CJ0100000	C002599	3166012	CJ0100000, ARPA-E Projects	0	Default W/	1249	CHARPA-0	\$1,392.09	\$0.00	\$0.00	\$0.00	\$1,392.09
6600	089X0337 - Energy Transformation Acceleration Fund - A	2016	25400	Operation	CJ0100000	C002599	3166012	CJ0100000, ARPA-E Projects	0	Default W/	1314	ARPA-E La	\$90,742.79	\$0.00	\$0.00	\$0.00	\$90,742.79
6600	089X0337 - Energy Transformation Acceleration Fund - A	2017	25400	Operation	CJ0100000	C002599	3166012	CJ0100000, ARPA-E Projects	0	Default W/	1352	ARPA-E La	\$142,701.78	\$0.00	\$0.00	\$0.00	\$142,701.78
6600	089X0337 - Energy Transformation Acceleration Fund - A	2014	25400	Operation	CJ0100000	C002599	3166012	CJ0100000, ARPA-E Projects	0	Default W/O		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 Direction	0	Default W/O		Default Lo	\$5,000.00	\$0.00	\$0.00	\$0.00	\$5,000.00
7060	089-19/20-0228 - DA Primary Fund	2019	25400	Operation	TT0000000	C003093	4500005	TT1030030, Other	0	Default W/O		Default Lo	\$0.00	\$50,000.00	\$0.00	\$50,000.00	\$50,000.00
7070	089-20/21-0228 - DA Primary Fund	2020	25400	Operation	TT0000000	C003093	4500001	TT1020000, Contractual Suppor	0	Default W/O		Default Lo	\$0.00	\$57,000.00	\$0.00	\$57,000.00	\$57,000.00
7500	089-20/21-0243 - ODA RW with Other Federal Agencies	2020	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencie	4861218	CHAGREA	C	Default Lo	\$0.00	\$400,000.00	\$0.00	\$400,000.00	\$400,000.00
7500	089-20/21-0243 - ODA RW with Other Federal Agencies	2020	25400	Operation	456100000	C003005	6600038	456140135, DARPA - Other	4861199	CHAGRHR	0	Default Lo	\$0.00	\$72,524.27	\$0.00	\$72,524.27	\$72,524.27
7500	089-20/21-0243 - ODA RW with Other Federal Agencies	2020	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencie	4861205	CHAGRHQ	0	Default Lo	\$0.00	\$750,000.00	\$0.00	\$750,000.00	\$750,000.00
7500	089-20/21-0243 - ODA RW with Other Federal Agencies	2020	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencie	4861221	CHEAOC	C	Default Lo	\$0.00	\$275,000.00	\$0.00	\$275,000.00	\$275,000.00
7500	089-20/21-0243 - ODA RW with Other Federal Agencies	2020	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencie	4861219	CHAGRHQ	0	Default Lo	\$0.00	\$2,830,000.00	\$0.00	\$2,830,000.00	\$2,830,000.00
7500	089-20/21-0243 - ODA RW with Other Federal Agencies	2020	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencie	4861215	CHAGREA	C	Default Lo	\$0.00	\$300,000.00	\$0.00	\$300,000.00	\$300,000.00
7500	089-20/21-0243 - ODA RW with Other Federal Agencies	2020	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencie	4861220	CHAGREA	C	Default Lo	\$0.00	\$15,000.00	\$0.00	\$15,000.00	\$15,000.00
7500	089-20/21-0243 - ODA RW with Other Federal Agencies	2020	25400	Operation	456100000	C003005	6600040	456140142, Other DOD Agencie	4861209	CHAGRHQ	0	Default Lo	\$0.00	\$1,000,000.00	\$0.00	\$1,000,000.00	\$1,000,000.00

<b>Non-Appropriated Total</b>													<b>\$35,144,833.92</b>	<b>\$12,941,543.36</b>	<b>\$0.00</b>	<b>\$12,941,543.36</b>	<b>\$48,086,377.28</b>
<b>Other Federal Agency Total</b>													<b>\$45,054,758.31</b>	<b>\$16,663,165.68</b>	<b>\$0.00</b>	<b>\$16,663,165.68</b>	<b>\$61,717,923.99</b>
<b>DOE Appropriated Total</b>													<b>\$308,570,843.80</b>	<b>\$579,269,275.25</b>	<b>\$1,500,000.00</b>	<b>\$580,769,275.25</b>	<b>\$889,340,119.05</b>

<b>SF-30 Total</b>													<b>\$388,770,436.03</b>	<b>\$608,873,984.29</b>	<b>\$1,500,000.00</b>	<b>\$610,373,984.29</b>	<b>\$999,144,420.32</b>
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<b>FPDS-NG Total [Action Obligation]</b>																	<b>\$1,500,000.00</b>
<b>FPDS-NG Total [Base And Exercised Options Value]</b>																	<b>\$1,500,000.00</b>
<b>FPDS-NG Total [Base And All Options Value]</b>																	<b>\$1,500,000.00</b>

Agency Sub-Report

Agency	Obligation Change Amount
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Work for Others Funds Associated with Federal Agencies:	0.00
Total DOE Funds:	1,500,000.00
Total Non-Appropriated Funds:	0.00
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Grand Total:	1,500,000.00