

BROOKHAVEN NATIONAL LABORATORY
 CONTRACT MOD # 0152 [BNL AFP #61 Signature Page]
 DE-SC0012704

Fund Code	Fund Code Title	Appropriation Year	Object Class	Object Class Title	Legacy B&R Control	OCL	Program	Program Title	WFO	WFO Title	Local Use	Local Use Code	Beginning Uncosted Obligations	Budget Authority Previous	Budget Authority Change	Budget Authority Revised	Total Available
150	089-X-0213	- Fossil Enerç 2018	25400	Operation and	AA6000000	C002841	1611272	AA6070000, Transformative FO		Default WFO Values	302017	TCF Funding -	\$488,763.00	\$0.00	\$0.00	\$0.00	\$488,763.00
150	089-X-0213	- Fossil Enerç 2016	25400	Operation and	AA6000000	C002841	1611051	AA6010000, Advanced Comb		Default WFO Values	302017	TCF Funding -	\$70,469.99	\$0.00	\$0.00	\$0.00	\$70,469.99
150	089-X-0213	- Fossil Enerç 2017	25400	Operation and	AA6000000	C002841	1611051	AA6010000, Advanced Comb		Default WFO Values	302017	TCF Funding -	\$121,207.00	\$0.00	\$0.00	\$0.00	\$121,207.00
500	089-X-0222	- Science Prii 2018	25400	Operation and	KC0000000	C002853	2923803	KC0301020, DO NOT USE!!! C		Default WFO Values	0	Default Local U	\$3.83	\$0.00	\$0.00	\$0.00	\$3.83
500	089-X-0222	- Science Prii 2019	25400	Operation and	KC0000000	C002853	2924294	KC0202040, Mechanical Beha		Default WFO Values	0	Default Local U	\$47,205.83	\$0.00	\$0.00	\$0.00	\$47,205.83
500	089-X-0222	- Science Prii 2019	31003	Other Equipme	KC0000000	C002853	2924242	KC0403020, Center for Functi		Default WFO Values	485396	CHEQU	\$3,873,975.97	\$0.00	\$0.00	\$0.00	\$3,873,975.97
500	089-X-0222	- Science Prii 2016	25400	Operation and	KP0000000	C001024	2924205	KP1602010, Radiochemistry ε		Default WFO Values	0	Default Local U	\$4,286.34	\$0.00	\$0.00	\$0.00	\$4,286.34
500	089-X-0222	- Science Prii 2018	25400	Operation and	KC0000000	C002853	2924421	KC0406030, Long Term Surve		Default WFO Values	0	Default Local U	\$503,962.44	\$0.00	\$0.00	\$0.00	\$503,962.44
500	089-X-0222	- Science Prii 2018	25400	Operation and	KJ0000000	C001018	2924134	KJ0401000, Applied Mathemε		Default WFO Values	0	Default Local U	\$101,496.52	\$0.00	\$0.00	\$0.00	\$101,496.52
500	089-X-0222	- Science Prii 2019	25400	Operation and	KA0000000	C002852	2924356	KA2401019, Other Research		Default WFO Values	0	Default Local U	\$298,162.24	\$0.00	\$0.00	\$0.00	\$298,162.24
500	089-X-0222	- Science Prii 2019	25400	Operation and	KP0000000	C001024	2924211	KP1701000, Atmospheric Syst		Default WFO Values	0	Default Local U	\$1,428,661.09	\$0.00	\$0.00	\$0.00	\$1,428,661.09
500	089-X-0222	- Science Prii 2019	25400	Operation and	KA0000000	C002852	2924380	KA2601020, National Laborat		Default WFO Values	0	Default Local U	\$2,108,000.00	\$0.00	\$0.00	\$0.00	\$2,108,000.00
500	089-X-0222	- Science Prii 2018	25400	Operation and	KP0000000	C001024	2924462	KP1703040, DO NOT USE!!! C		Default WFO Values	0	Default Local U	\$525,530.65	\$0.00	\$0.00	\$0.00	\$525,530.65
500	089-X-0222	- Science Prii 2018	32001	Construction P	39KG01000	C003087	2924481	39KG01000PRN17SC73000, 1		Default WFO Values	0	Default Local U	\$23,967,852.43	\$0.00	\$0.00	\$0.00	\$23,967,852.43
500	089-X-0222	- Science Prii 2014	25400	Operation and	KC0000000	C002853	2924248	KC0404040, National Synchr		Default WFO Values	0	Default Local U	\$2,840,641.00	\$0.00	\$0.00	\$0.00	\$2,840,641.00
500	089-X-0222	- Science Prii 2019	25400	Operation and	FS1000000	C000984	2923657	FS1007000, Material Control		Default WFO Values	0	Default Local U	\$709,000.00	\$0.00	\$0.00	\$0.00	\$709,000.00
500	089-X-0222	- Science Prii 2019	25400	Operation and	KC0000000	C002853	2924305	KC0406020, Accelerator and I		Default WFO Values	0	Default Local U	\$800,000.00	\$0.00	\$0.00	\$0.00	\$800,000.00
500	089-X-0222	- Science Prii 2019	31001	Major Items of	KA0000000	C002852	2924320	KA2103011, MIE		Default WFO Values	485498	CHEQUMIE61f	\$18,525,630.59	\$0.00	\$0.00	\$0.00	\$18,525,630.59
500	089-X-0222	- Science Prii 2019	25400	Operation and	KA0000000	C002852	2924366	KA2501012, National Laborat		Default WFO Values	302557	Traineeship	\$78,400.00	\$0.00	\$0.00	\$0.00	\$78,400.00
500	089-X-0222	- Science Prii 2018	25400	Operation and	FS1000000	C000984	2923657	FS1007000, Material Control		Default WFO Values	0	Default Local U	\$15,266.81	\$0.00	\$0.00	\$0.00	\$15,266.81
500	089-X-0222	- Science Prii 2019	25400	Operation and	KC0000000	C002853	2924447	KC0213010, Computational M		Default WFO Values	0	Default Local U	\$1,774,000.00	\$0.00	\$0.00	\$0.00	\$1,774,000.00
500	089-X-0222	- Science Prii 2019	31003	Other Equipme	KP0000000	C001024	2924993	KP1607010, Biomolecular Chε		Default WFO Values	0	Default Local U	\$1,349,000.00	\$0.00	\$0.00	\$0.00	\$1,349,000.00
500	089-X-0222	- Science Prii 2005	25400	Operation and	KA0000000	C002852	2923681	KA1102812, Proton Facilities		Default WFO Values	0	Default Local U	\$250,000.00	\$0.00	\$0.00	\$0.00	\$250,000.00
500	089-X-0222	- Science Prii 2019	25400	Operation and	KC0000000	C002853	2924472	KC0201070, X-Ray Scattering		Default WFO Values	0	Default Local U	\$2,094,051.59	\$0.00	\$0.00	\$0.00	\$2,094,051.59
500	089-X-0222	- Science Prii 2019	25400	Operation and	KA0000000	C002852	2924328	KA2202010, Experimental Op		Default WFO Values	0	Default Local U	\$868,553.09	\$0.00	\$0.00	\$0.00	\$868,553.09
500	089-X-0222	- Science Prii 2020	25400	Operation and	KA0000000	C002852	2924346	KA2301020, National Laborat		Default WFO Values	0	Default Local U	\$0.00	\$177,000.00	\$0.00	\$177,000.00	\$177,000.00
500	089-X-0222	- Science Prii 2020	25400	Operation and	KC0000000	C002853	2924405	KC0201060, Neutron and X-R		Default WFO Values	0	Default Local U	\$0.00	\$310,000.00	\$0.00	\$310,000.00	\$310,000.00
500	089-X-0222	- Science Prii 2020	25400	Operation and	KB0000000	C001009	2925029	KB0405012, Fund. Symmetrie		Default WFO Values	0	Default Local U	\$0.00	\$100,000.00	\$0.00	\$100,000.00	\$100,000.00
500	089-X-0222	- Science Prii 2020	25400	Operation and	KC0000000	C002853	2924294	KC0202040, Mechanical Beha		Default WFO Values	0	Default Local U	\$0.00	\$20,000.00	\$0.00	\$20,000.00	\$20,000.00
500	089-X-0222	- Science Prii 2020	25400	Operation and	KB0000000	C001009	2923721	KB0101022, Medium Energy,		Default WFO Values	0	Default Local U	\$0.00	\$200,000.00	\$0.00	\$200,000.00	\$200,000.00
500	089-X-0222	- Science Prii 2020	32003	Accelerator Im	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC		Default WFO Values	485395	CHAIP	\$0.00	\$400,000.00	\$0.00	\$400,000.00	\$400,000.00
500	089-X-0222	- Science Prii 2011	25400	Operation and	KP0000000	C001024	2924206	KP1602020, Radiobiology		Default WFO Values	0	Default Local U	\$372.03	\$0.00	\$0.00	\$0.00	\$372.03
500	089-X-0222	- Science Prii 2018	25400	Operation and	KA0000000	C002852	2924319	KA2102090, Other Facilities		Default WFO Values	0	Default Local U	\$310.62	\$0.00	\$0.00	\$0.00	\$310.62
500	089-X-0222	- Science Prii 2019	25400	Operation and	KB0000000	C001009	2923721	KB0101022, Medium Energy,		Default WFO Values	0	Default Local U	\$1,254,565.52	\$0.00	\$0.00	\$0.00	\$1,254,565.52
500	089-X-0222	- Science Prii 2016	25400	Operation and	KA0000000	C002852	2924369	KA2501022, Muon Acceleratc		Default WFO Values	0	Default Local U	\$43,257.33	\$0.00	\$0.00	\$0.00	\$43,257.33
500	089-X-0222	- Science Prii 2018	25400	Operation and	KP0000000	C001024	2924216	KP1703020, DO NOT USE!!! E		Default WFO Values	0	Default Local U	\$86,015.98	\$0.00	\$0.00	\$0.00	\$86,015.98
500	089-X-0222	- Science Prii 2019	25400	Operation and	KJ0000000	C001018	2924134	KJ0401000, Applied Mathemε		Default WFO Values	0	Default Local U	\$400,000.00	\$0.00	\$0.00	\$0.00	\$400,000.00
500	089-X-0222	- Science Prii 2019	25400	Operation and	KB0000000	C001009	2923734	KB0201022, Heavy Ion, Other		Default WFO Values	0	Default Local U	\$3.66	\$0.00	\$0.00	\$0.00	\$3.66
500	089-X-0222	- Science Prii 2019	25400	Operation and	KC0000000	C002853	2924244	KC0403040, Center for Nanoç		Default WFO Values	0	Default Local U	\$16,414.96	\$0.00	\$0.00	\$0.00	\$16,414.96
500	089-X-0222	- Science Prii 2019	25400	Operation and	FS1000000	C000984	2923652	FS1001000, Protective Forces		Default WFO Values	0	Default Local U	\$1,334,865.99	\$0.00	\$0.00	\$0.00	\$1,334,865.99
500	089-X-0222	- Science Prii 2019	32003	Accelerator Im	KC0000000	C002853	2924233	KC0401040, National Synchr		Default WFO Values	485395	CHAIP	\$4,200,000.00	\$0.00	\$0.00	\$0.00	\$4,200,000.00
500	089-X-0222	- Science Prii 2015	25400	Operation and	KA0000000	C002852	2924313	KA2101020, National Laborat		Default WFO Values	485474	CHOPEMIE30Y	\$33.06	\$0.00	\$0.00	\$0.00	\$33.06
500	089-X-0222	- Science Prii 2018	32003	Accelerator Im	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC		Default WFO Values	485395	CHAIP	\$1,199,490.39	\$0.00	\$0.00	\$0.00	\$1,199,490.39
500	089-X-0222	- Science Prii 2019	31001	Major Items of	KA0000000	C002852	2924320	KA2103011, MIE		Default WFO Values	485496	CHEQUMIE61f	\$2,441,780.26	\$0.00	\$0.00	\$0.00	\$2,441,780.26
500	089-X-0222	- Science Prii 2019	25400	Operation and	KA0000000	C002852	2924366	KA2501012, National Laborat		Default WFO Values	0	Default Local U	\$111,366.64	\$0.00	\$0.00	\$0.00	\$111,366.64

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6600	089X0337 - Energy Trar 2017		25400	Operation and	CJ0100000	C002599	3166012	CJ0100000, ARPA-E Projects	0	Default WFO Values	1352	ARPA-E Lab All	\$142,701.78	\$0.00	\$0.00	\$0.00	\$142,701.78
6600	089X0337 - Energy Trar 2014		25400	Operation and	CJ0100000	C002599	3166012	CJ0100000, ARPA-E Projects	0	Default WFO Values	1249	CHARPA-0001:	\$1,392.09	\$0.00	\$0.00	\$0.00	\$1,392.09
6632	089-19/20-0337 - ARPA-E F 2019		25400	Operation and	CJ0200000	C002600	3166013	CJ0200000, Program Directio	0	Default WFO Values	0	Default Local l	\$5,000.00	\$0.00	\$0.00	\$0.00	\$5,000.00

Non-Appropriated Total													\$35,144,833.92	\$470,768.96	\$0.00	\$470,768.96	\$35,615,602.88
Other Federal Agency Total													\$45,054,758.31	\$61,056.55	\$84,090.29	\$145,146.84	\$45,199,905.15
DOE Appropriated Total													\$308,820,843.80	\$72,925,199.12	\$0.00	\$72,925,199.12	\$381,746,042.92

SF-30 Total													\$389,020,436.03	\$73,457,024.63	\$84,090.29	\$73,541,114.92	\$462,561,550.95
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FPDS-NG Total [Action Obligation]																	\$84,090.29
FPDS-NG Total [Base And Exercised Options Value]																	\$84,090.29
FPDS-NG Total [Base And All Options Value]																	\$84,090.29

Agency Sub-Report

Agency	Obligation Change Amount
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Work for Others Funds Associated with Federal Agencies:	84,090.29
Total DOE Funds:	0.00
Total Non-Appropriated Funds:	0.00
Grand Total:	84,090.29