CONTRACT PERFORMANCE REPORT
FORMAT 1 - WORK BREAKDOWN STRUCTURE

DOLLARS IN Thousands of $ | FORM APPROVED OMB No. 0704-0188

1. CONTRACTOR	2. CONTRACT	3. PROGRAM	4. REPORT PERIOD
a. NAME Princeton University-Plasma Physics Lab	a. NAME DOE-SC-OFES-NSTX Upgrade	a. NAME NSTX Upgrade Project	a. FROM *(YYYYMMDD)* 2014 / 03 / 01
b. LOCATION (Address and ZIP Code) Princeton, New Jersey	b. NUMBER DE-AC02-09CH11466	b. PHASE CD-3	b. TO *(YYYYMMDD)* 2014 / 03 / 31
	c. TYPE M&O / d. SHARE RATIO	c. EVMS ACCEPTANCE NO X YES *(YYYYMMDD)* 2011 / 12 / 20	

5. CONTRACT DATA

a. QUANTITY	b. NEGOTIATED COST	c. ESTIMATED COST OF AUTHORIZED UNPRICED WORK	d. TARGET PROFIT/FEE	e. TARGET PRICE	f. ESTIMATED PRICE	g. CONTRACT CEILING	h. ESTIMATED CONTRACT CEILING	i. DATE OF OTB/OTS *(YYYYMMDD)*
1	87,305	0	0	87,305	0	0	0	

6. ESTIMATED COST AT COMPLETION

	MANAGEMENT ESTIMATE AT COMPLETION (1)	CONTRACT BUDGET BASE (2)	VARIANCE (3)
a. BEST CASE	0		
b. WORST CASE	0		
c. MOST LIKELY	0	87,305	87,305

7. AUTHORIZED CONTRACTOR REPRESENTATIVE

a. NAME (Last, First, Middle Initial): Ronald Strykowsky
b. TITLE: Project Manager
c. SIGNATURE
d. DATE SIGNED *(YYYYMMDD)*

8. PERFORMANCE DATA

WBS (3)	CURRENT PERIOD					CUMULATIVE TO DATE					REPROGRAMMING ADJUSTMENTS			AT COMPLETION		
	BUDGETED COST		ACTUAL	VARIANCE		BUDGETED COST		ACTUAL	VARIANCE					BUDGETED	ESTIMATED	VARIANCE
ITEM	WORK SCHEDULED	WORK PERFORMED	COST WORK PERFORMED	SCHEDULE	COST	WORK SCHEDULED	WORK PERFORMED	COST WORK PERFORMED	SCHEDULE	COST	COST VARIANCE	SCHEDULE VARIANCE	BUDGET			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12a)	(12b)	(13)	(14)	(15)	(16)
1.1 1.1 Torus Systems	178	267	484	89	-217	24,314	22,770	27,349	-1,544	-4,579	0	0	0	24,864	30,077	-5,214
1.2 1.2 Plasma Heating	849	313	315	-537	-2	21,962	19,884	18,599	-2,079	1,284	0	0	0	23,629	22,433	1,197
1.3 1.3 Auxiliary System	8	2	12	-6	-10	309	257	298	-52	-41	0	0	0	682	723	-41
1.4 1.4 Plasma Diagnostics	58	26	39	-32	-13	2,122	1,961	2,384	-161	-422	0	0	0	2,126	2,637	-510
1.5 1.5 Power Systems	259	249	265	-9	-16	9,631	7,812	7,567	-1,819	246	0	0	0	10,479	10,355	124
1.6 1.6 Central I&C	103	21	30	-82	-9	788	508	442	-280	66	0	0	0	994	933	61
1.7 1.7 Project Support & Integra	189	184	248	-5	-64	13,241	13,188	12,671	-53	517	0	0	0	14,513	14,420	93
1.8 1.8 Assembly	440	267	190	-173	77	7,755	7,329	6,382	-426	948	0	0	0	10,018	9,605	413
b. COST OF MONEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c. GENERAL AND ADMINISTRATIVE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d. UNDISTRIBUTED BUDGET														0	0	0
e. SUBTOTAL	2,084	1,329	1,583	-755	-253	80,122	73,709	75,691	-6,413	-1,982	0	0	0	87,305	91,182	-3,877
f. MANAGEMENT RESERVE														0		
g. TOTAL	2,084	1,329	1,583	-755	-253	80,122	73,709	75,691	-6,413	-1,982	0	0	0	87,305		

9. RECONCILIATION TO CONTRACT BUDGET BASELINE

a. VARIANCE ADJUSTMENT																
b. TOTAL CONTRACT VARIANCE									-6,413	-1,982				87,305	0	87,305

Categories

CONTRACT PERFORMANCE REPORT
FORMAT 2 - ORGANIZATIONAL CATEGORIES

DOLLARS IN Thousands of $

FORM APPROVED
OMB No. 0704-0188

1. CONTRACTOR	2. CONTRACT		3. PROGRAM	4. REPORT PERIOD
a. NAME	**a. NAME**		**a. NAME**	**a. FROM** *(YYYYMMDD)*
Princeton University-Plasma Physics Lab	DOE-SC-OFES-NSTX Upgrade		NSTX Upgrade Project	
b. LOCATION (Address and ZIP Code)	**b. NUMBER**		**b. PHASE**	3/1/2014
Princeton, New Jersey	DE-AC02-09CH11466		CD-3	**b. TO** *(YYYYMMDD)*
	c. TYPE	**d. SHARE RATIO**	**c. EVMS ACCEPTANCE**	
	M&O		**#NAME?** NO **#NAME?** YES *(YYYYMMDD)* #NAME?	3/31/2014

5. PERFORMANCE DATA

OBS (2)	CURRENT PERIOD					CUMULATIVE TO DATE					REPROGRAMMING ADJUSTMENTS			AT COMPLETION		
	BUDGETED COST		ACTUAL	VARIANCE		BUDGETED COST		ACTUAL	VARIANCE					BUDGETED	ESTIMATED	VARIANCE
ITEM	WORK SCHEDULED	WORK PERFORMED	COST WORK PERFORMED	SCHEDULE	COST	WORK SCHEDULED	WORK PERFORMED	COST WORK PERFORMED	SCHEDULE	COST	COST VARIANCE	SCHEDULE VARIANCE	BUDGET			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12a)	(12b)	(13)	(14)	(15)	(16)
Center Stack	$1,063.29	$850.55	$1,031.45	-$212.74	-$180.91	$46,431.19	$42,149.40	$45,661.42	-$4,281.79	-$3,512.03	$0.00	$0.00	$0.00	$50,786.18	$55,681.91	-$4,895.73
Neutral Beam	$889.66	$352.96	$398.86	-$536.70	-$45.89	$25,262.55	$23,183.61	$21,558.60	-$2,078.94	$1,625.00	$0.00	$0.00	$0.00	$27,181.22	$25,918.98	$1,262.24
Project Management	$130.87	$125.50	$152.20	-$5.37	-$26.69	$8,428.67	$8,376.03	$8,470.81	-$52.64	-$94.78	$0.00	$0.00	$0.00	$9,337.39	$9,580.81	-$243.42
b. COST OF MONEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c. GENERAL AND ADMINISTRATIVE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d. UNDISTRIBUTED BUDGET														$0.00	$0.00	$0.00
e. SUBTOTAL *(Performance Measurement Baseline)*	$2,083.82	$1,329.02	$1,582.51	-$754.80	-$253.49	$80,122.40	$73,709.03	$75,690.84	-$6,413.37	-$1,981.80	$0.00	$0.00	$0.00	$87,304.79	$91,181.70	-$3,876.91

CONTRACT PERFORMANCE REPORT
FORMAT 2 - ORGANIZATIONAL CATEGORIES

DOLLARS IN Thousands of $

FORM APPROVED
OMB No. 0704-0188

1. CONTRACTOR	2. CONTRACT		3. PROGRAM	4. REPORT PERIOD
a. NAME Princeton University-Plasma Physics Lab	a. NAME DOE-SC-OFES-NSTX Upgrade		a. NAME NSTX Upgrade Project	a. FROM *(YYYYMMDD)* 2014 / 03 / 01
b. LOCATION (Address and ZIP Code) Princeton, New Jersey	b. NUMBER DE-AC02-09CH11466		b. PHASE CD-3	b. TO *(YYYYMMDD)* 2014 / 03 / 31
	c. TYPE M&O	d. SHARE RATIO	c. EVMS ACCEPTANCE NO:	YES: X *(YYYYMMDD)* 2011 / 12 / 20

5. PERFORMANCE DATA

OBS (3)	CURRENT PERIOD					CUMULATIVE TO DATE					REPROGRAMMING ADJUSTMENTS			AT COMPLETION		
	BUDGETED COST		ACTUAL	VARIANCE		BUDGETED COST		ACTUAL	VARIANCE					BUDGETED	ESTIMATED	VARIANCE
ITEM	WORK SCHEDULED	WORK PERFORMED	COST WORK PERFORMED	SCHEDULE	COST	WORK SCHEDULED	WORK PERFORMED	COST WORK PERFORMED	SCHEDULE	COST	COST VARIANCE	SCHEDULE VARIANCE	BUDGET			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12a)	(12b)	(13)	(14)	(15)	(16)
1000 CSU Analytical Support (Dudek)	17	17	14	0	2	603	603	634	0	-30	0	0	0	705	736	-30
1001 CS Plasma Facing Components (Tresemer)	0	20	35	20	-15	2,110	1,985	1,849	-125	136	0	0	0	2,110	2,010	100
1002 Passive Plate Analysis & Upgrade (Atnafu)	9	2	7	-7	-4	760	751	575	-9	176	0	0	0	996	820	176
1200 Structures & Supports (Smith)	0	0	8	0	-8	3,805	3,805	4,506	0	-701	0	0	0	3,805	4,506	-701
1300 Center Stack (Chrzanowski)	80	80	91	0	-11	2,579	2,579	2,898	0	-319	0	0	0	2,688	3,007	-319
1301 Outer TF Coils (CLOSED)	0	0	0	0	0	471	471	477	0	-6	0	0	0	471	477	-6
1302 Center Stack Assembly (Chrzanowski)	21	0	13	-21	-13	790	236	197	-554	39	0	0	0	845	806	39
1303 TF Joint Test Stand & Test (CLOSED)	0	0	0	0	0	353	353	225	0	128	0	0	0	353	225	128
1304 Inner TF Bundle (Chrzanowski)	39	0	35	-39	-35	3,566	3,154	3,304	-412	-150	0	0	0	3,566	3,989	-423
1305 Ohmic Heating Coil (Chrzanowski)	12	98	200	86	-103	6,629	6,281	9,922	-348	-3,641	0	0	0	6,676	10,640	-3,964
1306 Inner PF Coils (Chrzanowski)	0	50	23	50	28	824	799	894	-25	-95	0	0	0	824	922	-98
1307 CS Casing Assembly (Chrzanowski)	0	0	57	0	-57	1,384	1,312	1,427	-72	-115	0	0	0	1,384	1,499	-115
1310 CSU Magnets Systems (CLOSED)	0	0	0	0	0	442	442	442	0	0	0	0	0	442	442	0
3200 Water Cooling System Mods (Atnafu)	0	0	10	0	-10	74	73	69	-2	3	0	0	0	420	416	3
3300 Bakeout System Mods CSU (Raki)	8	0	0	-8	0	132	126	146	-6	-20	0	0	0	160	180	-20
3400 Gas Delivery System Mods (Blanchard)	0	2	2	2	0	102	58	83	-44	-25	0	0	0	102	127	-25
4100 Center Stack Diagnostics (Kaita)	0	0	17	0	-17	836	733	756	-103	-23	0	0	0	836	859	-23
4500 MPTS VV Modification (Labik)	0	11	16	11	-5	1,137	1,137	1,596	0	-459	0	0	0	1,137	1,596	-459
5000 CSU Power Systems (Raki)	142	104	119	-37	-15	5,526	4,360	3,252	-1,166	1,108	0	0	0	5,735	4,532	1,204
5200 DCPS (Hatcher)	66	97	83	30	14	2,469	2,185	3,106	-284	-921	0	0	0	2,692	3,830	-1,138
5501 Coil Bus Runs (Atnafu)	51	48	63	-2	-15	1,636	1,267	1,209	-369	59	0	0	0	2,051	1,993	58
6100 Control Sys Data Acquisition (Sichta)	103	21	30	-82	-9	788	508	442	-280	66	0	0	0	994	933	61
7200 Center Stack Management (Dudek)	18	18	12	0	6	1,512	1,512	1,241	0	272	0	0	0	1,624	1,353	271
8200 CS & Coil Supt Struct Install (Perry)	395	214	150	-181	64	6,105	5,768	5,265	-337	503	0	0	0	7,106	6,653	453
8210 Field Supervision & Oversight (Perry)	30	30	40	0	-10	1,257	1,257	1,068	0	189	0	0	0	1,426	1,238	189
8250 Remove/Install Centerstack (Perry)	15	23	0	8	23	394	305	49	-89	256	0	0	0	1,485	1,714	-229
4501 Bay A and L RWM Coil (Labik)	58	15	6	-43	9	150	92	32	-58	60	0	0	0	154	182	-28
2300 ECH Analysis (CLOSED)	0	0	0	0	0	84	84	29	0	55	0	0	0	84	29	55
2420 2nd NBI Sources (CLOSED)	0	0	0	0	0	99	99	61	0	38	0	0	0	99	61	38
2425 BL Relocation (Cropper)	0	0	2	0	-2	1,803	1,710	1,226	-93	485	0	0	0	1,803	1,319	484
2430 2nd NBI Decontamination (CLOSED)	0	0	0	0	0	2,057	2,057	2,070	0	-13	0	0	0	2,057	2,070	-13
2440 2nd NBI Beamline (Cropper)	0	0	15	0	-15	1,979	1,901	1,537	-78	364	0	0	0	1,979	1,615	364
2450 2nd NBI Services (Cropper)	281	44	75	-237	-30	4,511	4,136	3,591	-374	545	0	0	0	4,950	4,405	545
2460 2nd NBI Armor (Tresemer)	40	6	6	-34	1	759	740	968	-19	-228	0	0	0	761	989	-229
2470 2nd NBI Power (Raki)	172	43	88	-128	-44	3,258	2,808	2,596	-449	213	0	0	0	3,492	3,280	213
2475 2nd NBI Controls (Cropper)	49	14	10	-34	4	2,532	1,743	1,435	-788	308	0	0	0	2,611	2,313	298
2480 2nd NBI/TVPS Duct (Blanchard)	0	13	35	13	-22	2,094	2,062	2,346	-32	-284	0	0	0	2,094	2,378	-284
2485 Vacuum Pumping System (Blanchard)	35	44	25	9	19	307	342	386	36	-44	0	0	0	388	431	-43
2490 NTC Equipment Relocations (Perry)	273	148	60	-125	88	2,481	2,199	2,354	-282	-154	0	0	0	3,311	3,542	-231
7300 NB2 Management (Stevenson)	21	21	19	0	1	973	973	802	0	171	0	0	0	1,103	932	171
7400 Health Physics Support (Stevenson)	20	20	65	0	-45	2,327	2,327	2,157	0	170	0	0	0	2,449	2,554	-105
7100 Project Management & Integration (Strykowsky)	95	95	113	0	-18	5,707	5,707	5,990	0	-283	0	0	0	6,412	6,844	-432
7710 NSTX-U HP and Other Allocations (Strykowsky)	30	30	39	0	-9	2,659	2,659	2,477	0	182	0	0	0	2,847	2,665	182
7900 Integrated System (Gentile)	6	0	0	-5	0	63	10	4	-53	6	0	0	0	78	72	6
b. COST OF MONEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c. GENERAL AND ADMINISTRATIVE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d. UNDISTRIBUTED BUDGET														0	0	0
e. SUBTOTAL *(Performance Measurement Baseline)*	2,084	1,329	1,583	-755	-253	80,122	73,709	75,691	-6,413	-1,982	0	0	0	87,305	91,182	-3,877

CONTRACT PERFORMANCE REPORT
FORMAT 3 - BASELINE

DOLLARS IN Thousands of $

FORM APPROVED
OMB No. 0704-0188

1. CONTRACTOR	2. CONTRACT		3. PROGRAM	4. REPORT PERIOD
a. NAME Princeton University-Plasma Physics Lab	a. NAME DOE-SC-OFES-NSTX Upgrade		a. NAME NSTX Upgrade Project	a. FROM *(YYYYMMDD)* 2014 / 03 / 01
b. LOCATION (Address and ZIP Code) Princeton, New Jersey	b. NUMBER DE-AC02-09CH11466		b. PHASE CD-3	b. TO *(YYYYMMDD)* 2014 / 03 / 31
	c. TYPE M&O	d. SHARE RATIO	c. EVMS ACCEPTANCE NO: X YES *(YYYYMMDD)*: 2011 / 12 / 20	

5. CONTRACT DATA

a. ORIGINAL NEGOTIATED COST	b. NEGOTIATED CONTRACT CHANGES	c. CURRENT NEGOTIATED COST *(a. + b.)*	d. ESTIMATED COST OF AUTHORIZED UNPRICED WORK	e. CONTRACT BUDGET BASE *(c. + d.)*	f. TOTAL ALLOCATED BUDGET	g. DIFFERENCE *(e. - f)*
77,317	9,987	87,305	0	87,305	87,426	-121

h. CONTRACT START DATE *(YYYYMMDD)*	i. CONTRACT DEFINITIZATION DATE *(YYYYMMDD)*	j. PLANNED COMPLETION DATE *(YYYYMMDD)*	k. CONTRACT COMPLETION DATE *(YYYYMMDD)*	l. ESTIMATED COMPLETION DATE *(YYYYMMDD)*
2009/02/23		2015/09/29		2015/09/29

6. PERFORMANCE DATA

Contract Change Number / ITEM (1)	BCWS CUMULATIVE TO DATE (2)	BCWS FOR REPORT PERIOD (3)	BUDGETED COST FOR WORK SCHEDULED (BCWS) *(Non-Cumulative)* — SIX MONTH FORECAST *(Enter names of months)* +1 30APR2014 (4)	+2 31MAY2014 (5)	+3 30JUN2014 (6)	+4 31JUL2014 (7)	+5 31AUG2014 (8)	+6 30SEP2014 (9)	ENTER SPECIFIED PERIODS 31OCT2014 (10)	30NOV2014 (11)	31DEC2014 (12)	31JAN2015 (13)	28FEB2015 (14)	UNDISTRIBUTED BUDGET (15)	TOTAL BUDGET (16)
a. PERFORMANCE MEASUREMENT BASELINE *(Beginning of Period)*	78,039	2,237	1,994	1,440	1,121	1,129	587	298	0	0	0	0	0	0	86,845
b. BASELINE CHANGES AUTHORIZED DURING REPORTING PERIOD															
ECP-109															286
ECP-110															174
ECP-112															0
c. PERFORMANCE MEASURMENT BASELINE *(End of Period)*	80,273		1,980	1,479	1,165	1,068	975	338	27	0	0	0	0	0	87,305
7. MANAGEMENT RESERVE															0
8. TOTAL															87,305

	Current Period							Cumulative to Date									At Complete				
WBS OBS	Budget	Actuals	Earned	SV	CV	SPI	CPI	Budget	Actuals	Earned	SV	CV	SPI	CPI	TCPIbac	TCPIeac	BAC	EAC	VAC	% Spent	% Complete
1.1 Torus Systems	**$178**	**$484**	**$267**	**$89**	**-$217**	**1.50**	**0.55**	**$24,314**	**$27,349**	**$22,770**	**-$1,544**	**-$4,579**	**0.94**	**0.83**	**-0.84**	**0.77**	**$24,864**	**$30,077**	**-$5,214**	**91%**	**92%**
1000 CSU Analytical Support (Dudek)	$17	$14	$17	$0	$2	1.00	1.16	$603	$634	$603	$0	-$30	1.00	0.95	1.42	1.00	$705	$736	-$30	86%	86%
1001 CS Plasma Facing Components (Tresemer)	$0	$35	$20	**$20**	**-$15**	-	0.56	$2,110	$1,849	$1,985	-$125	$136	0.94	1.07	0.48	0.77	$2,110	$2,010	$100	92%	94%
1002 Passive Plate Analysis & Upgrade (Atnafu)	$9	$7	$2	-$7	-$4	0.24	0.33	$760	$575	$751	-$9	$176	0.99	1.31	0.58	1.00	$996	$820	$176	70%	75%
1200 Structures & Supports (CLOSED)	$0	$8	$0	-	-	-	0.00	$3,805	$4,506	$3,805	$0	-$701	1.00	0.84	0.00	-	$3,805	$4,506	-$701	100%	100%
1300 Center Stack (Chrzanowski)	$80	$91	$80	$0	**-$11**	1.00	0.88	$2,579	$2,898	$2,579	$0	**-$319**	1.00	**0.89**	-0.52	1.00	$2,688	$3,007	-$319	96%	96%
1301 Outer TF Coils (CLOSED)	$0	$0	$0	-	-	-	-	$471	$477	$471	$0	-$6	1.00	0.99	0.00	-	$471	$477	-$6	100%	100%
1302 Center Stack Assembly (Chrzanowski)	$21	$13	$0	-	-	0.00	0.00	$790	$197	$236	-$554	$39	0.30	1.20	0.94	1.00	$845	$806	$39	24%	28%
1303 TF Joint Test Stand & Test (CLOSED)	$0	$0	$0	-	-	-	-	$353	$225	$353	$0	$128	1.00	1.57	0.00	0.00	$353	$225	$128	100%	100%
1304 Inner TF Bundle (Chrzanowski)	$39	$35	$0	-	-	0.00	0.00	$3,566	$3,304	$3,154	-$412	-$150	0.88	0.95	1.57	0.60	$3,566	$3,989	-$423	83%	88%
1305 Ohmic Heating Coil (Chrzanowski)	$12	$200	$98	**$86**	**-$103**	8.11	0.49	$6,629	$9,922	$6,281	-$348	**-$3,641**	0.95	**0.63**	-0.12	0.55	$6,676	$10,640	-$3,964	93%	94%
1306 Inner PF Coils (Chrzanowski)	$0	$23	$50	**$50**	**$28**	-	2.22	$824	$894	$799	-$25	**-$95**	0.97	**0.89**	-0.36	0.90	$824	$922	-$98	97%	97%
1307 CS Casing Assembly (Chrzanowski)	$0	$57	$0	-	-	-	0.00	$1,384	$1,427	$1,312	-$72	-$115	0.95	0.92	-1.69	1.00	$1,384	$1,499	-$115	95%	95%
1310 CSU Magnets Systems (CLOSED)	$0	$0	$0	-	-	-	-	$442	$442	$442	$0	$0	1.00	1.00	0.00	-	$442	$442	$0	100%	100%
1.2 Plasma Heating and Current Drive Systems	**$849**	**$315**	**$313**	**-$537**	**-$2**	**0.37**	**0.99**	**$21,962**	**$18,599**	**$19,884**	**-$2,079**	**$1,284**	**0.91**	**1.07**	**0.74**	**0.98**	**$23,629**	**$22,433**	**$1,197**	**83%**	**84%**
2300 ECH Analysis (CLOSED)	$0	$0	$0	-	-	-	-	$84	$29	$84	$0	$55	1.00	2.93	0.00	0.00	$84	$29	$55	99%	100%
2420 2nd NBI Sources (CLOSED)	$0	$0	$0	-	-	-	-	$99	$61	$99	$0	$38	1.00	1.62	0.00	-	$99	$61	$38	100%	100%
2425 BL Relocation (Cropper)	$0	$2	$0	-	-	-	0.00	$1,803	$1,226	$1,710	-$93	$485	0.95	1.40	0.16	1.00	$1,803	$1,319	$484	93%	95%
2430 2nd NBI Decontamination (CLOSED)	$0	$0	$0	-	-	-	-	$2,057	$2,070	$2,057	$0	-$13	1.00	0.99	0.00	-	$2,057	$2,070	-$13	100%	100%
2440 2nd NBI Beamline (Cropper)	$0	$15	$0	-	-	-	0.00	$1,979	$1,537	$1,901	-$78	$364	0.96	1.24	0.18	0.99	$1,979	$1,615	$364	95%	96%
2450 2nd NBI Services (Cropper)	$281	$75	$44	**-$237**	**-$30**	0.16	0.59	$4,511	$3,591	$4,136	-$374	$545	0.92	1.15	0.60	1.00	$4,950	$4,405	$545	82%	84%
2460 2nd NBI Armor (Tresemer)	$40	$6	$6	**-$34**	$1	0.16	1.13	$759	$968	$740	-$19	-$228	0.98	0.76	-0.10	0.99	$761	$989	-$229	98%	97%
2470 2nd NBI Power (Raki)	$172	$88	$43	**-$128**	**-$44**	0.25	0.49	$3,258	$2,596	$2,808	-$449	$213	0.86	1.08	0.76	1.00	$3,492	$3,280	$213	79%	80%
2475 2nd NBI Controls (Cropper)	$49	$10	$14	**-$34**	$4	0.29	1.38	$2,532	$1,435	$1,743	-$788	$308	0.69	1.21	0.74	0.99	$2,611	$2,313	$298	62%	67%
2480 2nd NBI/TVPS Duct (Blanchard)	$0	$35	$13	**$13**	**-$22**	-	0.37	$2,094	$2,346	$2,062	-$32	-$284	0.98	0.88	-0.13	0.99	$2,094	$2,378	-$284	99%	98%
2485 Vacuum Pumping System (Blanchard)	$35	$25	$44	$9	**$19**	1.26	1.78	$307	$386	$342	$36	-$44	1.12	0.89	26.14	1.01	$388	$431	-$43	90%	88%
2490 NTC Equipment Relocations (Perry)	$273	$60	$148	**-$125**	**$88**	0.54	2.46	$2,481	$2,354	$2,199	-$282	-$154	0.89	0.93	1.16	0.94	$3,311	$3,542	-$231	66%	66%
1.3 Auxiliary Systems	**$8**	**$12**	**$2**	**-$6**	**-$10**	**0.24**	**0.16**	**$309**	**$298**	**$257**	**-$52**	**-$41**	**0.83**	**0.86**	**1.11**	**1.00**	**$682**	**$723**	**-$41**	**41%**	**38%**
3200 Water Cooling System Mods (Atnafu)	$0	$10	$0	-	-	-	0.00	$74	$69	$73	-$2	$3	0.98	1.05	0.99	1.00	$420	$416	$3	17%	17%
3300 Bakeout System Mods CSU (Raki)	$8	$0	$0	-	-	0.00	-	$132	$146	$126	-$6	-$20	0.96	0.86	2.41	1.00	$160	$180	-$20	81%	79%
3400 Gas Delivery System Mods (Blanchard)	$0	$2	$2	$2	$0	-	1.09	$102	$83	$58	**-$44**	**-$25**	**0.57**	**0.70**	2.29	1.01	$102	$127	-$25	65%	57%
1.4 Plasma Diagnostics	**$58**	**$39**	**$26**	**-$32**	**-$13**	**0.45**	**0.66**	**$2,122**	**$2,384**	**$1,961**	**-$161**	**-$422**	**0.92**	**0.82**	**-0.64**	**0.65**	**$2,126**	**$2,637**	**-$510**	**90%**	**92%**
4100 Center Stack Diagnostics (Kaita)	$0	$17	$0	-	-	-	0.00	$836	$756	$733	-$103	-$23	0.88	0.97	1.29	1.00	$836	$859	-$23	88%	88%
4500 MPTS VV Modification (CLOSED)	$0	$16	$11	**$11**	-$5	-	0.69	$1,137	$1,596	$1,137	$0	-$459	1.00	0.71	0.00	-	$1,137	$1,596	-$459	100%	100%
4501 Bay A and L RWM Coil (Labik)	$58	$6	$15	**-$43**	$9	0.26	2.57	$150	$32	$92	-$58	$60	0.61	2.84	0.51	0.41	$154	$182	-$28	18%	60%
1.5 Power Systems	**$259**	**$265**	**$249**	**-$9**	**-$16**	**0.96**	**0.94**	**$9,631**	**$7,567**	**$7,812**	**-$1,819**	**$246**	**0.81**	**1.03**	**0.92**	**0.96**	**$10,479**	**$10,355**	**$124**	**73%**	**75%**
5000 CSU Power Systems (Raki)	$142	$119	$104	**-$37**	**-$15**	0.74	0.88	$5,526	$3,252	$4,360	**-$1,166**	$1,108	**0.79**	1.34	0.55	1.07	$5,735	$4,532	$1,204	72%	76%
5200 DCPS (Hatcher)	$66	$83	$97	**$30**	**$14**	1.46	1.17	$2,469	$3,106	$2,185	**-$284**	-$921	**0.89**	0.70	-1.22	0.70	$2,692	$3,830	-$1,138	81%	81%
5501 Coil Bus Runs (Atnafu)	$51	$63	$48	-$2	**-$15**	0.95	0.76	$1,636	$1,209	$1,267	**-$369**	$59	**0.77**	1.05	0.93	1.00	$2,051	$1,993	$58	61%	62%
1.6 Central Instrumentation & Control	**$103**	**$30**	**$21**	**-$82**	**-$9**	**0.20**	**0.70**	**$788**	**$442**	**$508**	**-$280**	**$66**	**0.64**	**1.15**	**0.88**	**0.99**	**$994**	**$933**	**$61**	**47%**	**51%**
6100 Control Sys Data Acquisition (Sichta)	$103	$30	$21	**-$82**	-$9	0.20	0.70	$788	$442	$508	**-$280**	$66	**0.64**	1.15	0.88	0.99	$994	$933	$61	47%	51%
1.7 Project Support & Integration	**$189**	**$248**	**$184**	**-$5**	**-$64**	**0.97**	**0.74**	**$13,241**	**$12,671**	**$13,188**	**-$53**	**$517**	**1.00**	**1.04**	**0.72**	**0.76**	**$14,513**	**$14,420**	**$93**	**88%**	**91%**
7100 Project Management & Integration (Strykowsky)	$95	$113	$95	$0	**-$18**	1.00	0.84	$5,707	$5,990	$5,707	$0	-$283	1.00	0.95	1.67	0.83	$6,412	$6,844	-$432	88%	89%
7200 Center Stack Management (Dudek)	$18	$12	$18	$0	$6	1.00	1.52	$1,512	$1,241	$1,512	$0	$272	1.00	1.22	0.29	1.00	$1,624	$1,353	$271	92%	93%
7300 NB2 Management (Stevenson)	$21	$19	$21	$0	$1	1.00	1.08	$973	$802	$973	$0	$171	1.00	1.21	0.43	1.00	$1,103	$932	$171	86%	88%
7400 Health Physics Support (Stevenson)	$20	$65	$20	$0	**-$45**	1.00	0.30	$2,327	$2,157	$2,327	$0	$170	1.00	1.08	0.42	0.31	$2,449	$2,554	-$105	84%	95%
7710 NSTX-U HP and Other Allocations (Strykowsky)	$30	$39	$30	$0	-$9	1.00	0.77	$2,659	$2,477	$2,659	$0	$182	1.00	1.07	0.51	1.00	$2,847	$2,665	$182	93%	93%
7900 Integrated System (Gentile)	$6	$0	$0	-$5	$0	0.03	-	$63	$4	$10	-$53	$6	0.16	2.54	0.92	1.00	$78	$72	$6	5%	13%
1.8 Site Preparation and Torus Assembly	**$440**	**$190**	**$267**	**-$173**	**$77**	**0.61**	**1.41**	**$7,755**	**$6,382**	**$7,329**	**-$426**	**$948**	**0.95**	**1.15**	**0.74**	**0.83**	**$10,018**	**$9,605**	**$413**	**66%**	**73%**
8200 CS & Coil Supt Struct Install (Perry)	$395	$150	$214	**-$181**	**$64**	0.54	1.43	$6,105	$5,265	$5,768	-$337	$503	0.94	1.10	0.73	0.96	$7,106	$6,653	$453	79%	81%
8210 Field Supervision & Oversight (Perry)	$30	$40	$30	$0	**-$10**	1.00	0.75	$1,257	$1,068	$1,257	$0	$189	1.00	1.18	0.47	1.00	$1,426	$1,238	$189	86%	88%
8250 Remove/Install Centerstack (Perry)	$15	$0	$23	$8	**$23**	1.58	-	$394	$49	$305	-$89	$256	0.77	6.19	0.82	0.71	$1,485	$1,714	-$229	3%	21%
PMB	**$2,084**	**$1,583**	**$1,329**	**-$755**	**-$253**	**0.64**	**0.84**	**$80,122**	**$75,691**	**$73,709**	**-$6,413**	**-$1,982**	**0.92**	**0.97**	**1.17**	**0.88**	**$87,305**	**$91,182**	**-$3,877**	**83%**	**84%**
Management Reserve																	$0	-$871	Rate adjust		
TAB					< -10 K							Negative Variance Threshold tripped					$87,305	$90,311			
					>10K							Positive Variance Threshold tripped					BCWR (=pmb-bcwp)	ETC (=EAC-acwp)			
																	$13,596	$14,620			
												contingency remaining (94,300-acwp-BCWR)=					$5,013				
												contingency remaining (94,300-acwp-ETC)=						$3,989			
																	37%	27%			