

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													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) 2013 / 04 / 01			
b. LOCATION (Address and ZIP Code) Princeton, New Jersey											b. NUMBER DE-AC02-09CH11466			b. PHASE CD-3			b. TO (YYYYMMDD) 2013 / 04 / 30			
c. TYPE M&O					d. SHARE RATIO			c. EVMS ACCEPTANCE NO YES X (YYYYMMDD) 2011 / 12 / 20												
5. CONTRACT DATA																				
a. QUANTITY		b. NEGOTIA COST	c. ESTIMATED COST OF THORIZED UNPRICED WO	d. TARGET PROFIT/ FEE	e. TARGET PRICE	f. ESTIMATED PRICE	g. CONTRACT CEILING	h. ESTIMATED CONTRACT CEILING	i. DATE OF OTB/OTS (YYYYMMDD)											
1		84,678	0	0	84,678	0	0	0												
6. ESTIMATED COST AT COMPLETION									7. AUTHORIZED CONTRACTOR REPRESENTATIVE											
a. BEST CASE		MANAGEMENT ESTIMATE AT COMPLETION (1)		CONTRACT BUDGET BASE (2)		VARIANCE (3)		a. NAME (Last, First, Middle Initial) Ronald Strykowski			b. TITLE Project Manager									
0		0		84,678		84,678		c. SIGNATURE			d. DATE SIGNED (YYYYMMDD)									
b. WORST CASE		0																		
c. MOST LIKELY		0		84,678		84,678														
8. PERFORMANCE DATA																				
WBS[2]		CURRENT PERIOD				CUMULATIVE TO DATE					REPROGRAMMING ADJUSTMENTS			AT COMPLETION						
ITEM (1)	BUDGETED COST		ACTUAL COST	VARIANCE		BUDGETED COST		ACTUAL COST	VARIANCE		COST VARIANCE (12a)	SCHEDULE VARIANCE (12b)	BUDGET (13)	BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)				
	WORK SCHEDULED (2)	WORK PERFORMED (3)	WORK PERFORMED (4)	SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)	WORK PERFORMED (9)	SCHEDULE (10)	COST (11)										
1.1 Torus Systems	629	950	904	320	46	19,108	17,676	20,404	-1,431	-2,728	0	0	0	23,835	26,702	-2,867				
1.2 Plasma Heating and Current Drive Systems	712	383	422	-329	-38	12,390	14,485	13,558	2,095	927	0	0	0	23,435	22,850	585				
1.3 Auxiliary Systems	0	1	2	1	-1	120	163	117	43	46	0	0	0	377	455	-78				
1.4 Plasma Diagnostics	76	37	61	-39	-24	1,763	1,567	1,769	-196	-202	0	0	0	1,972	2,307	-335				
1.5 Power Systems	331	162	229	-169	-67	4,923	4,507	4,598	-416	-90	0	0	0	10,164	9,677	487				
1.6 Central Instrumentation & Control	2	11	21	9	-11	192	328	314	136	14	0	0	0	956	984	-28				
1.7 Project Support & Integration	196	196	281	0	-85	10,829	10,829	9,944	0	885	0	0	0	14,371	13,840	531				
1.8 Site Preparation and Torus Assembly	311	210	193	-102	17	4,513	4,244	4,364	-269	-120	0	0	0	9,568	10,040	-472				
b. Cost of Money	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
c. Gen. and Admin.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
d. Undist. Budget																				
e. Sub Total	2,258	1,950	2,112	-308	-162	53,838	53,800	55,068	-39	-1,268	0	0	0	84,678	86,855	-2,177				
f. Management Resrv.																				
g. Total	2,258	1,950	2,112	-308	-162	53,838	53,800	55,068	-39	-1,268	0	0	0	84,678						
9. Reconciliation to CBB																				
a. Variance Adjustment											0									
b. Total Contract Variance											-39		-1,268		84,678		86,855		-2,177	

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) 2013/04/01							
b. LOCATION (Address and ZIP Code) Princeton, New Jersey			b. NUMBER DE-AC02-09CH11466				b. PHASE CD-3				b. TO (YYYYMMDD) 2013/04/30							
			c. TYPE M&O		d. SHARE RATIO		c. EVMS ACCEPTANCE NO YES X (YYYYMMDD) 2011/12/20											
5. PERFORMANCE DATA																		
OBS[3]  ITEM (1)	CURRENT PERIOD						CUMULATIVE TO DATE					REPROGRAMMING ADJUSTMENTS			AT COMPLETION			
	BUDGETED COST		ACTUAL COST	VARIANCE			BUDGETED COST		ACTUAL COST	VARIANCE			COST VARIANCE (12a)	SCHEDULE VARIANCE (12b)	BUDGET (13)	BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)	WORK PERFORMED (4)	SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)	WORK PERFORMED (9)	SCHEDULE (10)	COST (11)								
1000 CSU Analytical Support (Dudek)	17	17	10	0	7	422	422	461	0	-38	0	0	0	705	744	-39		
1001 CS Plasma Facing Components (Tresemmer)	38	5	8	-33	-3	1,935	1,698	1,374	-237	324	0	0	0	2,110	1,762	347		
1002 Passive Plate Analysis & Upgrade (Atnafu)	55	57	19	3	38	604	598	489	-6	110	0	0	0	639	530	109		
1200 Structures & Supports (Smith)	51	8	13	-43	-5	3,428	3,540	4,298	111	-758	0	0	0	3,773	4,416	-642		
1300 Center Stack (Chrzanowski)	151	151	155	-1	-4	1,441	1,441	1,707	0	-266	0	0	0	2,272	2,772	-500		
1301 Outer TF Coils (Chrzanowski)	0	0	30	0	-30	400	266	294	-135	-28	0	0	0	471	499	-28		
1302 Center Stack Assembly (Chrzanowski)	7	0	0	-7	0	259	55	42	-204	13	0	0	0	872	860	12		
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)	0	378	312	378	65	2,823	2,759	2,842	-64	-84	0	0	0	3,610	3,694	-85		
1305 Ohmic Heating Coil (Chrzanowski)	206	320	337	114	-17	5,259	4,736	6,661	-522	-1,925	0	0	0	6,380	8,347	-1,967		
1306 Inner PF Coils (Chrzanowski)	72	0	0	-72	0	403	331	473	-72	-142	0	0	0	824	966	-142		
1307 CS Casing Assembly (Chrzanowski)	32	14	19	-19	-5	1,338	1,034	1,096	-304	-62	0	0	0	1,384	1,445	-61		
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	0	0	0	74	68	38	-6	30	0	0	0	195	165	31		
3300 Bakeout System Mods CSU (Raki)	0	0	0	0	0	5	55	44	50	11	0	0	0	79	193	-114		
3400 Gas Delivery System Mods (Blanchard)	0	1	2	1	-1	41	40	35	-1	5	0	0	0	102	97	5		
4100 Center Stack Diagnostics (Kaita)	38	17	15	-21	3	669	615	472	-54	143	0	0	0	836	693	143		
4500 MPTS VV Modification (Labik)	38	20	47	-18	-27	1,095	952	1,297	-142	-345	0	0	0	1,137	1,614	-478		
5000 CSU Power Systems (Raki)	66	54	22	-12	32	2,456	2,813	2,529	357	283	0	0	0	5,735	4,771	964		
5200 DCPS (Hatcher)	94	98	186	4	-89	1,806	1,132	1,528	-674	-396	0	0	0	2,523	2,999	-476		
5501 Coil Bus Runs (Atnafu)	171	11	21	-160	-10	661	563	541	-98	22	0	0	0	1,906	1,907	-1		
6100 Control Sys Data Acquisition (Sichta)	2	11	21	9	-11	192	328	314	136	14	0	0	0	956	984	-28		
7200 Center Stack Management (Dudek)	18	18	11	0	8	1,059	1,059	978	0	81	0	0	0	1,482	1,456	26		
8200 CS & Coil Supt Struct Install (Perry)	265	163	154	-102	9	3,487	3,314	3,622	-173	-308	0	0	0	7,169	7,829	-660		
8210 Field Supervision & Oversight (Perry)	46	46	39	0	8	860	860	741	0	119	0	0	0	1,426	1,307	120		
8250 Remove/Install Centerstack (Perry)	0	0	0	0	0	166	70	2	-96	68	0	0	0	973	905	68		
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	4	99	61	95	38	0	0	0	99	61	38		
2425 BL Relocation (Atnafu)	114	159	80	45	79	1,689	1,390	971	-299	419	0	0	0	1,803	1,384	419		
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)	20	7	30	-13	-23	1,738	1,839	1,436	101	403	0	0	0	1,979	1,599	380		
2450 2nd NBI Services (Atnafu)	147	187	137	39	50	1,017	1,949	1,738	932	210	0	0	0	4,727	4,774	-47		
2460 2nd NBI Armor (Tresemmer)	3	0	15	-3	-15	483	637	841	154	-204	0	0	0	761	928	-168		
2470 2nd NBI Power (Raki)	114	2	45	-112	-43	746	1,081	981	335	100	0	0	0	3,335	3,223	112		
2475 2nd NBI Controls (Cropper)	121	0	6	-121	-6	1,637	1,626	1,332	-11	294	0	0	0	2,611	2,350	262		
2480 2nd NBI/TVPS Duct (Blanchard)	171	29	55	-142	-26	1,160	1,650	1,973	490	-322	0	0	0	2,117	2,574	-457		
2485 Vacuum Pumping System (Blanchard)	0	0	2	0	-2	90	291	344	201	-52	0	0	0	388	442	-54		
2490 NTC Equipment Relocations (Perry)	22	0	52	-22	-52	1,685	1,781	1,782	96	-1	0	0	0	3,475	3,416	59		
7300 NB2 Management (Stevenson)	21	21	16	0	5	741	741	648	0	94	0	0	0	1,103	1,009	94		
7400 Health Physics Support (Stevenson)	31	31	93	0	-62	2,049	2,049	1,530	0	519	0	0	0	2,449	1,930	519		
7100 Project Management & Integration (Strykowski)	91	91	119	0	-28	4,666	4,666	4,845	0	-179	0	0	0	6,412	6,830	-418		
7710 NSTX-U HP and Other Allocations (Strykowski)	34	34	42	0	-8	2,305	2,305	1,939	0	366	0	0	0	2,847	2,541	306		
7900 Integrated System (Gentile)	0	0	0	0	0	8	8	4	0	4	0	0	0	78	74	4		
b. Cost of Money	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
c. Gen. and Admin.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
d. Undist. Budget														0	0	0		
e. Sub Total	2,258	1,950	2,112	-308	-162	53,838	53,800	55,068	-39	-1,268	0	0	0	84,678	86,855	-2,177		

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) 2013/04/01					
b. LOCATION (Address and ZIP Code) Princeton, New Jersey			b. NUMBER DE-AC02-09CH11466		b. PHASE CD-3		c. EVMS ACCEPTANCE NO YES X (YYYYMMDD) 2011/12/20				b. TO (YYYYMMDD) 2013/04/30					
c. TYPE M&O			d. SHARE RATIO													
5. PERFORMANCE DATA																
OBS[2]  ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					REPROGRAMMING ADJUSTMENTS			AT COMPLETION		
	BUDGETED COST		ACTUAL COST	VARIANCE		BUDGETED COST		ACTUAL COST	VARIANCE		COST VARIANCE (12a)	SCHEDULE VARIANCE (12b)	BUDGET (13)	BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)	WORK PERFORMED (4)	SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)	WORK PERFORMED (9)	SCHEDULE (10)	COST (11)						
CS Center Stack	1,368	1,389	1,421	21	-32	31,678	29,545	32,544	-2,134	-2,999	0	0	0	48,354	51,621	-3,267
NB Neutral Beam	765	436	531	-329	-95	15,181	17,275	15,736	2,095	1,540	0	0	0	26,987	25,789	1,198
PM Project Management	125	125	161	0	-36	6,979	6,979	6,788	0	191	0	0	0	9,337	9,445	-108
b. Cost of Money	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c. Gen. and Admin.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d. Undist. Budget														0	0	0
e. Sub Total	2,258	1,950	2,112	-308	-162	53,838	53,800	55,068	-39	-1,268	0	0	0	84,678	86,855	-2,177
f. Management Resrv.														0		
g. Total	2,258	1,950	2,112	-308	-162	53,838	53,800	55,068	-39	-1,268	0	0	0	84,678		

CONTRACT PERFORMANCE REPORT FORMAT 3 - BASELINE											DOLLARS IN Thousands of \$		FORM APPROVED OMB No. 0704-0188			
<b>1. CONTRACTOR</b>			<b>2. CONTRACT</b>				<b>3. PROGRAM</b>				<b>4. REPORT PERIOD</b>					
a. NAME Princeton University-Plasma Physics Lab			a. NAME DOE-SC-OFES-NSTX Upgrade				a. NAME NSTX Upgrade Project				a. FROM (YYYYMMDD) 2013/04/01					
b. LOCATION (Address and ZIP Code) Princeton, New Jersey			b. NUMBER DE-AC02-09CH11466		b. PHASE CD-3		c. EVMS ACCEPTANCE NO YES X (YYYYMMDD) 2011/12/20			b. TO (YYYYMMDD) 2013/04/30						
			c. TYPE M&O		d. SHARE RATIO											
<b>5. CONTRACT DATA</b>																
a. ORIGINAL NEGOTIATED COST 77,317			b. NEGOTIATED CONTRACT CHANGES 7,361		c. CURRENT NEGOTIATED COST (a. + b.) 84,678			d. ESTIMATED COST OF AUTHORIZED UNPRICED WORK 0		e. CONTRACT BUDGET BASE (c. + d.) 84,678		f. TOTAL ALLOCATED BUDGET 84,678		g. DIFFERENCE (e. - f.) 0		
h. CONTRACT START DATE 2009 / 02 / 23			i. CONTRACT DEFINITIZATION DATE		j. PLANNED COMPLETION DATE 2015 / 09 / 29			k. CONTRACT COMPLETION DATE		l. ESTIMATED COMPLETION DATE 2015 / 09 / 29						
<b>6. PERFORMANCE DATA</b>																
ITEM (1)	BCWS CUMULATIVE TO DATE (2)	BCWS FOR REPORT PERIOD (3)	BUDGETED COST FOR WORK SCHEDULED (BCWS) (Non-Cumulative)												UNDIS-TRIBUTED BUDGET (15)	TOTAL BUDGET (16)
			SIX MONTH FORECAST						ENTER SPECIFIED PERIODS							
			+1 31MAY2013 (4)	+2 30JUN2013 (5)	+3 31JUL2013 (6)	+4 31AUG2013 (7)	+5 30SEP2013 (8)	+6 31OCT2013 (9)	30NOV2013 (10)	31DEC2013 (11)	31JAN2014 (12)	28FEB2014 (13)	31MAR2014 (14)			
PM Baseline (Beginning of Period)	51,684	2,194	2,450	1,979	2,655	2,260	2,093	3,086	2,387	1,635	2,210	2,006	2,048	0	84,350	
ECP-079															8	
ECP-080															-49	
ECP-081															-19	
ECP-082															388	
PM Baseline (End of Period)	53,838		2,513	2,039	2,731	2,336	2,169	3,104	2,387	1,635	2,210	2,006	2,048	0	84,678	
Management Reserve															0	
Total															84,678	

EVM Data as of: 4/30/2013															
Thousands of \$															
WBS[2] OBS[3]	BCWS	BCWP	ACWP	Current Period		Cumulative to Date						At Completion			
				SV	CV	BCWS	BCWP	ACWP	SV	CV	SPI	CPI	BAC	EAC	VAC
<b>1.1 Torus Systems</b>															
1000 CSU Analytical Support (Dudek)	17	17	10	0	7	422	422	461	0	-38	1.00	0.92	705	744	-39
1001 CS Plasma Facing Components (Tresemer)	38	5	8	-33	-3	1,935	1,698	1,374	-237	324	0.88	1.24	2,110	1,762	347
1002 Passive Plate Analysis & Upgrade (Atnafu)	55	57	19	3	38	604	598	489	-6	110	0.99	1.22	639	530	109
<b>1200 Structures &amp; Supports (Smith)</b>	51	8	13	-43	-5	3,428	3,540	4,298	111	-758	1.03	<b>0.82</b>	3,773	4,416	-642
<b>1300 Center Stack (Chrzanowski)</b>	151	151	155	-1	-4	1,441	1,441	1,707	0	-266	1.00	<b>0.84</b>	2,272	2,772	-500
1301 Outer TF Coils (Chrzanowski)	0	0	30	0	-30	400	266	294	-135	-28	0.66	0.90	471	499	-28
1302 Center Stack Assembly (Chrzanowski)	7	0	0	-7	0	259	55	42	-204	13	0.21	1.31	872	860	12
1303 TF Joint Test Stand & Test (CLOSED)	0	0	0	0	0	353	353	225	0	128	1.00	1.57	353	225	128
1304 Inner TF Bundle (Chrzanowski)	0	378	312	378	65	2,823	2,759	2,842	-64	-84	0.98	0.97	3,610	3,694	-85
<b>1305 Ohmic Heating Coil (Chrzanowski)</b>	206	320	337	114	-17	5,259	4,736	6,661	-522	-1,925	0.90	<b>0.71</b>	6,380	8,347	-1,967
<b>1306 Inner PF Coils (Chrzanowski)</b>	72	0	0	-72	0	403	331	473	-72	-142	0.82	<b>0.70</b>	824	966	-142
1307 CS Casing Assembly (Chrzanowski)	32	14	19	-19	-5	1,338	1,034	1,096	-304	-62	0.77	0.94	1,384	1,445	-61
1310 CSU Magnets Systems (CLOSED)	0	0	0	0	0	442	442	442	0	0	1.00	1.00	442	442	0
<b>WBS[2]Totals:</b>	<b>629</b>	<b>950</b>	<b>904</b>	<b>320</b>	<b>46</b>	<b>19,108</b>	<b>17,676</b>	<b>20,404</b>	<b>-1,431</b>	<b>-2,728</b>	<b>0.93</b>	<b>0.87</b>	<b>23,835</b>	<b>26,702</b>	<b>-2,867</b>
<b>1.2 Plasma Heating and Current Drive Systems</b>															
2300 ECH Analysis (CLOSED)	0	0	0	0	0	84	84	29	0	55	1.00	2.93	84	29	55
2420 2nd NBI Sources (CLOSED)	0	0	0	0	0	4	99	61	95	38	26.60	1.62	99	61	38
2425 BL Relocation (Atnafu)	114	159	80	45	79	1,689	1,390	971	-299	419	0.82	1.43	1,803	1,384	419
2430 2nd NBI Decontamination (CLOSED)	0	0	0	0	0	2,057	2,057	2,070	0	-13	1.00	0.99	2,057	2,070	-13
2440 2nd NBI Beamline (Cropper)	20	7	30	-13	-23	1,738	1,839	1,436	101	403	1.06	1.28	1,979	1,599	380
2450 2nd NBI Services (Atnafu)	147	187	137	39	50	1,017	1,949	1,738	932	210	1.92	1.12	4,727	4,774	-47
2460 2nd NBI Armor (Tresemer)	3	0	15	-3	-15	483	637	841	154	-204	1.32	0.76	761	928	-168
2470 2nd NBI Power (Raki)	114	2	45	-112	-43	746	1,081	981	335	100	1.45	1.10	3,335	3,223	112
2475 2nd NBI Controls (Cropper)	121	0	6	-121	-6	1,637	1,626	1,332	-11	294	0.99	1.22	2,611	2,350	262
2480 2nd NBI/TVPS Duct (Blanchard)	171	29	55	-142	-26	1,160	1,650	1,973	490	-322	1.42	0.84	2,117	2,574	-457
2485 Vacuum Pumping System (Blanchard)	0	0	2	0	-2	90	291	344	201	-52	3.23	0.85	388	442	-54
2490 NTC Equipment Relocations (Perry)	22	0	52	-22	-52	1,685	1,781	1,782	96	-1	1.06	1.00	3,475	3,416	59
<b>WBS[2]Totals:</b>	<b>712</b>	<b>383</b>	<b>422</b>	<b>-329</b>	<b>-38</b>	<b>12,390</b>	<b>14,485</b>	<b>13,558</b>	<b>2,095</b>	<b>927</b>	<b>1.17</b>	<b>1.07</b>	<b>23,435</b>	<b>22,850</b>	<b>585</b>
<b>1.3 Auxiliary Systems</b>															
<b>3200 Water Cooling System Mods (Atnafu)</b>	0	0	0	0	0	74	68	38	-6	30	0.92	<b>1.81</b>	195	165	31
<b>3300 Bakeout System Mods CSU (Raki)</b>	0	0	0	0	0	5	55	44	50	11	11.51	<b>1.25</b>	79	193	-114
3400 Gas Delivery System Mods (Blanchard)	0	1	2	1	-1	41	40	35	-1	5	0.98	1.14	102	97	5
<b>WBS[2]Totals:</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>-1</b>	<b>120</b>	<b>163</b>	<b>117</b>	<b>43</b>	<b>46</b>	<b>1.36</b>	<b>1.40</b>	<b>377</b>	<b>455</b>	<b>-78</b>
<b>1.4 Plasma Diagnostics</b>															
4100 Center Stack Diagnostics (Kaita)	38	17	15	-21	3	669	615	472	-54	143	0.92	1.30	836	693	143
<b>4500 MPTS VV Modification (Labik)</b>	38	20	47	-18	-27	1,095	952	1,297	-142	-345	<b>0.87</b>	<b>0.73</b>	1,137	1,614	-478
<b>WBS[2]Totals:</b>	<b>76</b>	<b>37</b>	<b>61</b>	<b>-39</b>	<b>-24</b>	<b>1,763</b>	<b>1,567</b>	<b>1,769</b>	<b>-196</b>	<b>-202</b>	<b>0.89</b>	<b>0.89</b>	<b>1,972</b>	<b>2,307</b>	<b>-335</b>
<b>1.5 Power Systems</b>															
5000 CSU Power Systems (Raki)	66	54	22	-12	32	2,456	2,813	2,529	357	283	1.15	1.11	5,735	4,771	964
5200 DCPS (Hatcher)	94	98	186	4	-89	1,806	1,132	1,528	-674	-396	0.63	0.74	2,523	2,999	-476
5501 Coil Bus Runs (Atnafu)	171	11	21	-160	-10	661	563	541	-98	22	0.85	1.04	1,906	1,907	-1
<b>WBS[2]Totals:</b>	<b>331</b>	<b>162</b>	<b>229</b>	<b>-169</b>	<b>-67</b>	<b>4,923</b>	<b>4,507</b>	<b>4,598</b>	<b>-416</b>	<b>-90</b>	<b>0.92</b>	<b>0.98</b>	<b>10,164</b>	<b>9,677</b>	<b>487</b>
<b>1.6 Central Instrumentation &amp; Control</b>															
<b>6100 Control Sys Data Acquisition (Sichta)</b>	2	11	21	9	-11	192	328	314	136	14	<b>1.71</b>	1.04	956	984	-28
<b>WBS[2]Totals:</b>	<b>2</b>	<b>11</b>	<b>21</b>	<b>9</b>	<b>-11</b>	<b>192</b>	<b>328</b>	<b>314</b>	<b>136</b>	<b>14</b>	<b>1.71</b>	<b>1.04</b>	<b>956</b>	<b>984</b>	<b>-28</b>
<b>1.7 Project Support &amp; Integration</b>															
7200 Center Stack Management (Dudek)	18	18	11	0	8	1,059	1,059	978	0	81	1.00	1.08	1,482	1,456	26
7300 NB2 Management (Stevenson)	21	21	16	0	5	741	741	648	0	94	1.00	1.14	1,103	1,009	94
7400 Health Physics Support (Stevenson)	31	31	93	0	-62	2,049	2,049	1,530	0	519	1.00	1.34	2,449	1,930	519
7100 Project Management & Integration (Strykowski)	91	91	119	0	-28	4,666	4,666	4,845	0	-179	1.00	0.96	6,412	6,830	-418
7710 NSTX-U HP and Other Allocations (Strykowski)	34	34	42	0	-8	2,305	2,305	1,939	0	366	1.00	1.19	2,847	2,541	306
7900 Integrated System (Gentile)	0	0	0	0	0	8	8	4	0	4	1.00	2.11	78	74	4
<b>WBS[2]Totals:</b>	<b>196</b>	<b>196</b>	<b>281</b>	<b>0</b>	<b>-85</b>	<b>10,829</b>	<b>10,829</b>	<b>9,944</b>	<b>0</b>	<b>885</b>	<b>1.00</b>	<b>1.09</b>	<b>14,371</b>	<b>13,840</b>	<b>531</b>
<b>1.8 Site Preparation and Torus Assembly</b>															
8200 CS & Coil Supt Struct Install (Perry)	265	163	154	-102	9	3,487	3,314	3,622	-173	-308	0.95	0.91	7,169	7,829	-660
8210 Field Supervision & Oversight (Perry)	46	46	39	0	8	860	860	741	0	119	1.00	1.16	1,426	1,307	120
8250 Remove/Install Centerstack (Perry)	0	0	0	0	0	166	70	2	-96	68	0.42	37.74	973	905	68
<b>WBS[2]Totals:</b>	<b>311</b>	<b>210</b>	<b>193</b>	<b>-102</b>	<b>17</b>	<b>4,513</b>	<b>4,244</b>	<b>4,364</b>	<b>-269</b>	<b>-120</b>	<b>0.94</b>	<b>0.97</b>	<b>9,568</b>	<b>10,040</b>	<b>-472</b>
<b>PMB</b>	<b>2,258</b>	<b>1,950</b>	<b>2,112</b>	<b>-308</b>	<b>-162</b>	<b>53,838</b>	<b>53,800</b>	<b>55,068</b>	<b>-39</b>	<b>-1,268</b>	<b>1.00</b>	<b>0.98</b>	<b>84,678</b>	<b>86,855</b>	<b>-2,177</b>
<b>MR</b>													0	-1,000	
<b>TAB</b>													<b>84,678</b>	<b>85,855</b>	
													<b>BCWR</b> (=pmb-bcwp)	<b>ETC</b> (=EAC-acwp)	
<b>Neg PEP Variance Threshold exceeded (VAR required)</b>														30,879	30,787
<b>Pos PEP Variance Threshold exceeded (VAR required)</b>														8,353	
<b>Internal variance requiring a VAR (PM initiated)</b>															8,445
<b>Negative variance &lt;\$10K</b>														27%	27%
													<b>TPC=</b>	<b>94,300</b>	<b>94,300</b>