CLASSIFICATION (When Filled In)

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) 2012 / 10 / 01
b. LOCATION (Address and ZIP Code) Princeton, New Jersey	b. NUMBER DE-AC02-09CH11466	b. PHASE CD-3	b. TO (YYYYMMDD) 2012 / 10 / 31
	c. TYPE M&O / d. SHARE RATIO	c. EVMS ACCEPTANCE NO: / YES: X (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	82,710	0	0	82,710	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	82,710	82,710

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) ITEM (1)	CURRENT PERIOD: BUDGETED COST WORK SCHEDULED (2)	BUDGETED COST WORK PERFORMED (3)	ACTUAL COST WORK PERFORMED (4)	VARIANCE SCHEDULE (5)	VARIANCE COST (6)	CUMULATIVE TO DATE: BUDGETED COST WORK SCHEDULED (7)	BUDGETED COST WORK PERFORMED (8)	ACTUAL COST WORK PERFORMED (9)	VARIANCE SCHEDULE (10)	VARIANCE COST (11)	REPROGRAMMING ADJUSTMENTS: COST VARIANCE (12a)	SCHEDULE VARIANCE (12b)	BUDGET (13)	AT COMPLETION: BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
1.1 Torus Systems	1,408	380	405	-1,028	-25	14,676	13,969	16,301	-707	-2,332	0	0	0	22,989	25,229	-2,240
1.2 Plasma Heating and Current D	473	359	249	-114	110	9,164	12,326	10,948	3,162	1,378	0	0	0	23,049	22,046	1,003
1.3 Auxiliary Systems	0	0	12	0	-12	120	162	120	42	42	0	0	0	377	335	42
1.4 Plasma Diagnostics	78	18	21	-60	-3	1,361	1,348	1,473	-13	-125	0	0	0	1,785	2,102	-317
1.5 Power Systems	177	133	92	-44	41	3,650	3,601	3,500	-49	101	0	0	0	9,842	10,274	-432
1.6 Central Instrumentation & Co	2	46	11	44	35	178	285	260	107	25	0	0	0	956	931	25
1.7 Project Support & Integration	266	212	191	-53	21	9,566	9,546	8,371	-20	1,175	0	0	0	14,737	13,954	783
1.8 Site Preparation and Torus As	251	71	88	-180	-17	3,116	3,064	3,129	-52	-65	0	0	0	8,975	9,040	-65
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	2,655	1,219	1,068	-1,436	151	41,832	44,300	44,101	2,468	199	0	0	0	82,710	83,911	-1,200
f. MANAGEMENT RESERVE														0		
g. TOTAL	2,655	1,219	1,068	-1,436	151	41,832	44,300	44,101	2,468	199	0	0	0	82,710		

9. RECONCILIATION TO CONTRACT BUDGET BASELINE

a. VARIANCE ADJUSTMENT																
b. TOTAL CONTRACT VARIANCE									2,468	199				82,710	83,911	-1,200

CLASSIFICATION (When Filled In)

Report Options

Criteria: WBS (3)

Calendar: 18 Required Set

Cost Sets: Scheduled, Performed, Actuals, Est. At Complete, , , Over target baseline

CLASSIFICATION (When Filled In)

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)* 2012 / 10 / 01
b. LOCATION (Address and ZIP Code) Princeton, New Jersey	b. NUMBER DE-AC02-09CH11466		b. PHASE CD-3	b. TO *(YYYYMMDD)* 2012 / 10 / 31
	c. TYPE M&O	d. SHARE RATIO	c. EVMS ACCEPTANCE NO: ; X YES *(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)	18	18	5	0	13	328	328	366	0	-38	0	0	0	705	744	-39
1001 CS Plasma Facing Components (Tresemer)	70	58	5	-12	53	1,279	1,313	1,070	34	243	0	0	0	2,346	2,010	335
1002 Passive Plate Analysis & Upgrade (Atnafu)	0	0	0	0	0	442	428	446	-14	-18	0	0	0	442	460	-18
1200 Structures & Supports (Smith)	294	13	36	-281	-22	2,665	3,285	4,128	620	-843	0	0	0	3,765	4,608	-842
1300 Center Stack (Chrzanowski)	79	79	62	0	17	948	948	983	0	-35	0	0	0	1,778	1,813	-35
1301 Outer TF Coils (Chrzanowski)	43	0	12	-43	-12	83	129	114	46	14	0	0	0	471	456	14
1302 Center Stack Assembly (Chrzanowski)	63	0	0	-63	0	117	27	29	-90	-2	0	0	0	870	872	-3
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)	228	119	139	-108	-20	2,215	1,945	2,258	-270	-314	0	0	0	3,642	3,955	-314
1305 Ohmic Heating Coil (Chrzanowski)	403	75	124	-328	-49	4,298	3,718	4,977	-580	-1,259	0	0	0	5,954	7,213	-1,259
1306 Inner PF Coils (Chrzanowski)	57	0	-3	-57	3	476	305	446	-172	-141	0	0	0	838	979	-141
1307 CS Casing Assembly (Chrzanowski)	155	17	25	-138	-8	1,030	748	815	-281	-67	0	0	0	1,384	1,451	-68
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	12	0	-12	74	68	50	-6	18	0	0	0	195	177	19
3300 Bakeout System Mods CSU (Raki)	0	0	0	0	0	5	55	39	50	16	0	0	0	79	63	17
3400 Gas Delivery System Mods (Blanchard)	0	0	0	0	0	41	39	31	-2	8	0	0	0	102	95	7
4100 Center Stack Diagnostics (Kaita)	63	0	4	-63	-4	458	565	441	107	124	0	0	0	836	712	123
4500 MPTS VV Modification (Labik)	15	18	16	3	1	903	783	1,032	-120	-249	0	0	0	949	1,390	-441
5000 CSU Power Systems (Raki)	50	28	25	-23	3	2,094	2,313	2,227	219	86	0	0	0	5,735	6,181	-446
5200 DCPS (Hatcher)	89	25	38	-64	-13	1,138	827	892	-312	-65	0	0	0	2,521	2,586	-65
5501 Coil Bus Runs (Smith)	37	80	30	43	51	418	461	381	43	80	0	0	0	1,586	1,507	79
6100 Control Sys Data Acquisition (Sichta)	2	46	11	44	35	178	285	260	107	25	0	0	0	956	931	25
7200 Center Stack Management (Dudek)	19	19	21	0	-2	897	843	881	-54	-38	0	0	0	1,539	1,577	-38
8200 CS & Coil Supt Struct Install (Perry)	181	20	56	-161	-36	2,416	2,383	2,588	-33	-205	0	0	0	6,464	6,669	-204
8210 Field Supervision & Oversight (Perry)	51	51	32	0	19	621	621	539	0	82	0	0	0	1,488	1,406	82
8250 Remove/Install Centerstack (Perry)	19	0	0	-19	0	79	60	2	-19	58	0	0	0	1,023	965	58
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)	75	112	60	37	52	1,067	938	699	-128	240	0	0	0	1,803	1,563	240
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)	66	40	27	-27	13	1,367	1,535	1,116	168	418	0	0	0	1,979	1,560	418
2450 2nd NBI Services (Atnafu)	23	53	56	30	-3	684	1,217	1,113	533	105	0	0	0	4,506	4,401	106
2460 2nd NBI Armor (Tresemer)	0	0	12	0	-12	392	585	717	193	-132	0	0	0	700	902	-202
2470 2nd NBI Power (Raki)	40	3	9	-37	-5	375	1,033	772	658	260	0	0	0	3,335	3,286	48
2475 2nd NBI Controls (Cropper)	39	56	13	17	43	946	1,450	1,242	504	208	0	0	0	2,611	2,403	209
2480 2nd NBI/TVPS Duct (Blanchard)	136	86	40	-50	46	656	1,467	1,454	812	14	0	0	0	1,952	1,938	14
2485 Vacuum Pumping System (Blanchard)	0	4	1	4	4	90	169	236	79	-66	0	0	0	388	454	-66
2490 NTC Equipment Relocations (Perry)	93	4	32	-89	-27	1,442	1,690	1,440	248	250	0	0	0	3,535	3,380	155
7300 NB2 Management (Stevenson)	22	22	13	0	9	616	616	563	0	53	0	0	0	1,278	1,225	53
7400 Health Physics Support (Stevenson)	89	35	35	-53	1	1,820	1,854	1,053	33	801	0	0	0	2,507	1,706	802
7100 Project Management & Integration (Strykowsky)	95	95	101	0	-5	4,132	4,132	4,157	0	-25	0	0	0	6,412	6,830	-418
7710 NSTX-U HP and Other Allocations (Strykowsky)	40	40	21	0	19	2,093	2,093	1,713	0	381	0	0	0	2,922	2,541	381
7900 Integrated System (Gentile)	0	0	0	0	0	7	7	4	0	4	0	0	0	78	75	3
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)*	2,655	1,219	1,068	-1,436	151	41,832	44,300	44,101	2,468	199	0	0	0	82,710	83,911	-1,200
f. MANAGEMENT RESERVE														0		
g. TOTAL	2,655	1,219	1,068	-1,436	151	41,832	44,300	44,101	2,468	199	0	0	0	82,710		

CLASSIFICATION (When Filled In)

CLASSIFICATION (When Filled In)

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	10/1/2012
b. LOCATION (Address and ZIP Code)	b. NUMBER		b. PHASE	b. TO *(YYYYMMDD)*
Princeton, New Jersey	DE-AC02-09CH11466		CD-3	10/31/2012
	c. TYPE	d. SHARE RATIO	c. EVMS ACCEPTANCE	
	M&O		NO: ; X YES *(YYYYMMDD)* 2011 / 12 / 20	

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)
CS Center Stack	$1,935.85	$667.34	$649.94	-1,269	17	23,999	23,272	25,663	-728	-2,391	0	0	0	46,463	49,487	-3,024
NB Neutral Beam	$584.16	$416.66	$296.62	-168	120	11,600	14,796	12,564	3,196	2,232	0	0	0	26,835	24,977	1,858
PM Project Management	$135.25	$135.25	$121.78	0	13	6,233	6,233	5,874	0	359	0	0	0	9,412	9,446	-34
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
e. SUBTOTAL *(Performance Measurement Baseline)*	$2,655.26	$1,219.25	$1,068.35	-1,436	151	$41,832.23	$44,300.31	$44,100.87	2,468	199	$0.00	$0.00	$0.00	82,710	$83,910.73	-1,200
f. MANAGEMENT RESERVE														$0.00		
g. TOTAL	2,655	1,219	1,068	-1,436	151	41,832	44,300	44,101	2,468	199	0	0	0	82,710		

CLASSIFICATION (When Filled In)

Report Options
Criteria: OBS (2)
Calendar Set: 18 Required Set
Cost Sets: Scheduled, Performed, Actuals, Est. At Complete, , , Over target baseline

CLASSIFICATION (When Filled In)

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	a. NAME		a. NAME				a. FROM *(YYYYMMDD)*
Princeton University-Plasma Physics Lab	DOE-SC-OFES-NSTX Upgrade		NSTX Upgrade Project				2012 / 10 / 01
b. LOCATION (Address and ZIP Code)	b. NUMBER		b. PHASE				b. TO *(YYYYMMDD)*
Princeton, New Jersey	DE-AC02-09CH11466		CD-3				2012 / 10 / 31
	c. TYPE	d. SHARE RATIO	c. EVMS ACCEPTANCE				
	M&O			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	5,393	82,710	0	82,710	0	82,710

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 30NOV2012 (4)	+2 31DEC2012 (5)	+3 31JAN2013 (6)	+4 28FEB2013 (7)	+5 31MAR2013 (8)	+6 30APR2013 (9)	ENTER SPECIFIED PERIODS 31MAY2013 (10)	30JUN2013 (11)	31JUL2013 (12)	31AUG2013 (13)	30SEP2013 (14)	UNDISTRIBUTED BUDGET (15)	TOTAL BUDGET (16)
a. PERFORMANCE	39,177	2,712	2,298	1,914	2,310	1,822	1,471	1,686	1,813	1,373	2,088	2,095	2,062	0	82,154
b. BASELINE CHANGES AUTHORIZED DURING REPORTING PERIOD															
ECP-049															497
ECP-056															59
c. PERFORMANCE MEASURMENT BASELINE *(End of Period)*	41,832		2,338	2,212	2,487	1,876	1,508	1,776	1,930	1,395	2,096	2,008	1,971	0	82,710
7. MANAGEMENT RESERVE															0
8. TOTAL															82,710

CLASSIFICATION (When Filled In)

Report Options
Criteria: Contract Change Number
Calendar: 19 Required Set
Cost Sets: Scheduled

EVM Data as of: 10/31/2012
Thousands of $

WBS[2] OBS[3]	Current Period BCWS	BCWP	ACWP	SV	CV	Cumulative to Date BCWS	BCWP	ACWP	SV	CV	SPI	CPI	At Completion BAC	EAC	VAC
1.1 Torus Systems															
1000 CSU Analytical Support (Dudek)	18	18	5	0	13	328	328	366	0	-38	1.00	0.90	705	744	-39
1001 CS Plasma Facing Components (Tresemer)	70	58	5	-12	53	1,279	1,313	1,070	34	243	1.03	1.23	2,346	2,010	335
1002 Passive Plate Analysis & Upgrade (Atnafu)	0	0	0	0	0	442	428	446	-14	-18	0.97	0.96	442	460	-18
1200 Structures & Supports (Smith)	294	13	36	-281	**-22**	2,665	3,285	4,128	620	**-843**	1.23	**0.80**	3,765	4,608	-842
1300 Center Stack (Chrzanowski)	79	79	62	0	17	948	948	983	0	-35	1.00	0.96	1,778	1,813	-35
1301 Outer TF Coils (Chrzanowski)	43	0	12	-43	**-12**	83	129	114	46	14	1.55	1.12	471	456	14
1302 Center Stack Assembly (Chrzanowski)	63	0	0	-63	0	117	27	29	-90	-2	0.23	0.93	870	872	-3
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)	228	119	139	-108	**-20**	2,215	1,945	2,258	-270	**-314**	0.88	**0.86**	3,642	3,955	-314
1305 Ohmic Heating Coil (Chrzanowski)	403	75	124	-328	**-49**	4,298	3,718	4,977	-580	**-1,259**	0.87	**0.75**	5,954	7,213	-1,259
1306 Inner PF Coils (Chrzanowski)	57	0	-3	-57	3	476	305	446	-172	**-141**	0.64	**0.68**	838	979	-141
1307 CS Casing Assembly (Chrzanowski)	155	17	25	-138	-8	1,030	748	815	-281	-67	0.73	0.92	1,384	1,451	-68
1310 CSU Magnets Systems (CLOSED)	0	0	0	0	0	442	442	442	0	0	1.00	1.00	442	442	0
WBS[2]Totals:	1,408	380	405	-1,028	**-25**	14,676	13,969	16,301	-707	**-2,332**	0.95	**0.86**	22,989	25,229	-2,240
1.2 Plasma Heating and Current Drive Systems															
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)	75	112	60	37	52	1,067	938	699	-128	240	0.88	1.34	1,803	1,563	240
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)	66	40	27	-27	13	1,367	1,535	1,116	168	418	1.12	1.37	1,979	1,560	418
2450 2nd NBI Services (Atnafu)	23	53	56	30	-3	684	1,217	1,113	533	105	1.78	1.09	4,506	4,401	106
2460 2nd NBI Armor (Tresemer)	0	0	12	0	**-12**	392	585	717	193	-132	1.49	0.82	700	902	-202
2470 2nd NBI Power (Raki)	40	3	9	-37	-5	375	1,033	772	658	260	2.75	1.34	3,335	3,286	48
2475 2nd NBI Controls (Cropper)	39	56	13	17	43	946	1,450	1,242	504	208	1.53	1.17	2,611	2,403	209
2480 2nd NBI/TVPS Duct (Blanchard)	136	86	40	-50	46	656	1,467	1,454	812	14	2.24	1.01	1,952	1,938	14
2485 Vacuum Pumping System (Blanchard)	0	4	1	4	4	90	169	236	79	-66	1.88	0.72	388	454	-66
2490 NTC Equipment Relocations (Perry)	93	4	32	-89	**-27**	1,442	1,690	1,440	248	250	1.17	1.17	3,535	3,380	155
WBS[2]Totals:	473	359	249	-114	110	9,164	12,326	10,948	3,162	1,378	1.35	1.13	23,049	22,046	1,003
1.3 Auxiliary Systems															
3200 Water Cooling System Mods (Atnafu)	0	0	12	0	**-12**	74	68	50	-6	**18**	0.92	**1.37**	195	177	19
3300 Bakeout System Mods CSU (Raki)	0	0	0	0	0	5	55	39	50	**16**	11.51	**1.42**	79	63	17
3400 Gas Delivery System Mods (Blanchard)	0	0	0	0	0	41	39	31	-2	8	0.95	1.24	102	95	7
WBS[2]Totals:	0	0	12	0	**-12**	120	162	120	42	**42**	1.35	**1.35**	377	335	42
1.4 Plasma Diagnostics															
4100 Center Stack Diagnostics (Kaita)	63	0	4	-63	-4	458	565	441	107	124	1.23	1.28	836	712	123
4500 MPTS VV Modification (Labik)	15	18	16	3	1	903	783	1,032	-120	-249	0.87	0.76	949	1,390	-441
WBS[2]Totals:	78	18	21	-60	-3	1,361	1,348	1,473	-13	-125	0.99	0.92	1,785	2,102	-317
1.5 Power Systems															
5000 CSU Power Systems (Raki)	50	28	25	-23	3	2,094	2,313	2,227	219	86	1.10	1.04	5,736	6,181	-446
5200 DCPS (Hatcher)	89	25	38	-64	**-13**	1,138	827	892	-312	-65	0.73	0.93	2,521	2,586	-65
5501 Coil Bus Runs (Smith)	37	80	30	43	51	418	461	381	43	80	1.10	1.21	1,586	1,507	79
WBS[2]Totals:	177	133	92	-44	41	3,650	3,601	3,500	-50	101	0.99	1.03	9,842	10,274	-432
1.6 Central Instrumentation & Control															
6100 Control Sys Data Acquisition (Sichta)	2	46	11	44	35	178	285	260	107	25	1.60	1.10	956	931	25
WBS[2]Totals:	2	46	11	44	35	178	285	260	107	25	1.60	1.10	956	931	25
1.7 Project Support & Integration															
7200 Center Stack Management (Dudek)	19	19	21	0	-2	897	843	881	-54	-38	0.94	0.96	1,539	1,577	-38
7300 NB2 Management (Stevenson)	22	22	13	0	9	616	616	563	0	53	1.00	1.09	1,278	1,225	53
7400 Health Physics Support (Stevenson)	89	35	35	-53	1	1,820	1,854	1,053	33	801	1.02	1.76	2,507	1,706	802
7100 Project Management & Integration (Strykowsky	95	95	101	0	-5	4,132	4,132	4,157	0	-25	1.00	0.99	6,412	6,830	-418
7710 NSTX-U HP and Other Allocations (Strykowsky	40	40	21	0	19	2,093	2,093	1,713	0	381	1.00	1.22	2,922	2,541	381
7900 Integrated System (Gentile)	0	0	0	0	0	7	7	4	0	4	1.00	1.88	78	75	3
WBS[2]Totals:	266	212	191	-53	21	9,566	9,546	8,371	-20	1,175	1.00	1.14	14,737	13,954	783
1.8 Site Preparation and Torus Assembly															
8200 CS & Coil Supt Struct Install (Perry)	181	20	56	-161	**-36**	2,416	2,383	2,588	-33	-205	0.99	0.92	6,464	6,669	-204
8210 Field Supervision & Oversight (Perry)	51	51	32	0	19	621	621	539	0	82	1.00	1.15	1,488	1,406	82
8250 Remove/Install Centerstack (Perry)	19	0	0	-19	0	79	60	2	-19	58	0.76	32.03	1,023	965	58
WBS[2]Totals:	251	71	88	-180	**-17**	3,116	3,064	3,129	-52	-65	0.98	0.98	8,975	9,040	-65
PMB	**2,655**	**1,219**	**1,068**	**-1,436**	**151**	**41,832**	**44,300**	**44,101**	**2,468**	**199**	**1.06**	**1.00**	**82,710**	**83,911**	**-1,201**
MR													0	-1,967	
TAB													**82,710**	**81,944**	

		BCWR (=pmb-bcwp)	ETC (=EAC-acwp)
Neg PEP Variance Threshold exceeded (VAR required)		38,410	37,843
Pos PEP Variance Threshold exceeded (VAR required)	contingency remaining (94,300-acwp-**BCWR**)=	11,789	
Internal variance requiring a VAR (PM initiated)	contingency remaining (94,300-acwp-**ETC**)=		12,356
Negative variance <$10K		**31%**	**33%**
	TPC=	**94,300**	**94,300**

Deltek Cobra (R) Legend: Blue=$ threshold exceeded; Green=% thresholds; Red=Both Report in Thousands of $