

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) 2011 / 11 / 01								
b. LOCATION (Address and ZIP Code) Princeton, New Jersey			b. NUMBER DE-AC02-09CH11466		b. PHASE CD-2		b. TO (YYYYMMDD) 2011 / 11 / 30											
			c. TYPE M&O		d. SHARE RATIO		c. EVMS ACCEPTANCE NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (YYYYMMDD)											
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	78,277	0	0	78,277	0	0	0											
6. ESTIMATED COST AT COMPLETION										7. AUTHORIZED CONTRACTOR REPRESENTATIVE								
MANAGEMENT ESTIMATE AT COMPLETION			CONTRACT BUDGET BASE			VARIANCE			a. NAME (Last, First, Middle Initial)			b. TITLE						
(1)			(2)			(3)			Ronald Strykowski			Project Manager						
a. BEST CASE			0			0			c. SIGNATURE			d. DATE SIGNED (YYYYMMDD)						
b. WORST CASE			0			0												
c. MOST LIKELY			0			78,277			78,277									
8. PERFORMANCE DATA																		
WBS[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)								
1.1 Torus Systems	255	145	415	-110	-269	8,231	7,871	8,688	-360	-817	0	0	0	19,050	20,374	-1,324		
1.2 Plasma Heating and Current Drive Systems	152	424	496	272	-73	5,101	5,942	5,547	841	396	0	0	0	23,593	24,397	-804		
1.3 Auxiliary Systems	0	0	6	0	-6	120	112	66	-8	46	0	0	0	377	331	46		
1.4 Plasma Diagnostics	9	4	54	-5	-50	843	796	891	-47	-95	0	0	0	1,785	2,008	-223		
1.5 Power Systems	66	20	45	-46	-25	2,382	2,244	2,105	-138	139	0	0	0	9,360	9,856	-496		
1.6 Central Instrumentation & Control	1	20	9	19	11	119	153	134	34	19	0	0	0	918	901	17		
1.7 Project Support & Integration	208	208	308	0	-100	6,114	6,114	5,590	0	524	0	0	0	14,368	13,849	519		
1.8 Site Preparation and Torus Assembly	253	391	317	138	75	637	795	490	158	305	0	0	0	8,827	8,707	120		
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	943	1,212	1,650	269	-438	23,547	24,027	23,510	480	517	0	0	0	78,277	80,423	-2,145		
f. Management Resrv.														0				
g. Total	943	1,212	1,650	269	-438	23,547	24,027	23,510	480	517	0	0	0	78,277				
9. Reconciliation to CBB																		
a. Variance Adjustment										0								
b. Total Contract Variance									480	517				78,277	80,423	-2,145		

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) 2011/11/01					
b. LOCATION (Address and ZIP Code) Princeton, New Jersey			b. NUMBER DE-AC02-09CH11466				b. PHASE CD-2				b. TO (YYYYMMDD) 2011/11/30					
			c. TYPE M&O		d. SHARE RATIO		c. EVMS ACCEPTANCE NO X YES (YYYYMMDD)									
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	603	600	875	-3	-276	12,912	12,551	13,006	-361	-455	0	0	0	41,856	43,806	-1,950
NB Neutral Beam	209	481	567	272	-86	6,579	7,420	6,525	841	895	0	0	0	27,550	27,988	-437
PM Project Management	131	131	207	0	-76	4,056	4,056	3,979	0	76	0	0	0	8,871	8,629	242
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	943	1,212	1,650	269	-438	23,547	24,027	23,510	480	517	0	0	0	78,277	80,423	-2,145
f. Management Resrv.														0		
g. Total	943	1,212	1,650	269	-438	23,547	24,027	23,510	480	517	0	0	0	78,277		

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) 2011/11/01					
b. LOCATION (Address and ZIP Code) Princeton, New Jersey			b. NUMBER DE-AC02-09CH11466				b. PHASE CD-2				b. TO (YYYYMMDD)					
			c. TYPE M&O		d. SHARE RATIO		c. EVMS ACCEPTANCE NO X YES (YYYYMMDD)				2011/11/30					
5. PERFORMANCE DATA																
OBS[2] 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)						
CS Center Stack																
1000 CSU Analytical Support (Dudek)	5	6	5	1	1	217	217	157	0	60	0	0	0	385	763	-378
1001 CS Plasma Facing Components (Tresemer)	18	9	24	-9	-16	912	892	748	-20	144	0	0	0	2,169	2,002	168
1002 Passive Plate Analysis & Upgrade (Dudek)	0	0	9	0	-9	251	245	304	-6	-59	0	0	0	251	340	-89
1200 Structures & Supports (Smith)	0	24	91	24	-67	2,293	2,260	2,661	-33	-401	0	0	0	3,554	4,100	-546
1300 Center Stack (Chrzanowski)	22	22	34	0	-11	460	460	400	0	60	0	0	0	1,063	1,000	63
1301 Outer TF Coils (Chrzanowski)	0	0	0	0	0	20	20	20	0	0	0	0	0	338	330	8
1302 Center Stack Assembly (Chrzanowski)	4	0	3	-4	-3	27	0	13	-27	-13	0	0	0	990	997	-7
1303 TF Joint Test Stand & Test (Kozub)	0	0	0	0	0	353	353	225	0	128	0	0	0	353	225	128
1304 Inner TF Bundle (Chrzanowski)	82	66	134	-16	-68	961	881	1,109	-81	-228	0	0	0	3,377	3,437	-61
1305 Ohmic Heating Coil (Chrzanowski)	122	14	94	-107	-80	1,950	1,770	2,101	-181	-332	0	0	0	4,556	5,033	-477
1306 Inner PF Coils (Chrzanowski)	1	0	15	-1	-15	177	167	237	-10	-70	0	0	0	669	736	-67
1307 CS Casing Assembly (Chrzanowski)	0	4	5	4	-1	167	164	272	-3	-108	0	0	0	904	970	-66
1310 CSU Magnets Systems (Chrzanowski)	0	0	0	0	0	442	442	442	0	0	0	0	0	442	442	0
3200 Water Cooling System Mods (Denault)	0	0	0	0	0	74	68	37	-6	32	0	0	0	195	181	14
3300 Bakeout System Mods CSU (Raki)	0	0	0	0	0	5	5	0	0	5	0	0	0	79	73	6
3400 Gas Delivery System Mods (Blanchard)	0	0	6	0	-6	41	39	29	-2	10	0	0	0	102	77	25
4100 Center Stack Diagnostics (Kaita)	0	0	3	0	-3	183	240	148	57	92	0	0	0	836	824	12
4500 MPTS VV Modification (Labik)	9	4	51	-5	-47	659	555	742	-104	-187	0	0	0	949	1,184	-235
5000 CSU Power Systems (Raki)	26	8	28	-18	-19	1,484	1,405	1,405	-79	0	0	0	0	5,735	5,976	-240
5200 DCPS (Hatcher)	40	11	17	-29	-6	517	459	388	-59	71	0	0	0	2,493	2,408	86
5501 Coil Bus Runs (Smith)	0	0	0	0	0	380	380	312	0	68	0	0	0	1,131	1,472	-341
6100 Control Sys Data Acquisition (Sichta)	1	20	9	19	11	119	153	134	34	19	0	0	0	918	901	17
7200 Center Stack Management (Dudek)	20	20	30	0	-11	581	581	633	0	-52	0	0	0	1,539	1,630	-91
8200 CS & Coil Supt Struct Install (Perry)	165	303	291	138	12	467	625	464	158	161	0	0	0	5,969	5,957	11
8210 Field Supervision & Oversight (Perry)	88	88	26	0	62	170	170	26	0	144	0	0	0	1,687	1,625	62
8250 Remove/Install Centerstack (Perry)	0	0	0	0	0	0	0	0	0	0	0	0	0	1,171	1,125	47
OBS[2]Totals:	603	600	875	-3	-276	12,912	12,551	13,006	-361	-455	0	0	0	41,856	43,806	-1,950
NB Neutral Beam																
2300 ECH Analysis (Titus)	0	0	0	0	0	84	82	29	-2	54	0	0	0	84	42	42
2420 2nd NBI Sources (Cropper)	0	0	1	0	-1	4	12	21	8	-9	0	0	0	99	90	9
2425 BL Relocation (Denault)	0	1	11	1	-10	101	96	67	-5	29	0	0	0	1,860	2,172	-312
2430 2nd NBI Decontamination (Stevenson)	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 (Denault)	93	37	71	-56	-34	662	516	356	-147	160	0	0	0	2,590	2,490	100
2450 2nd NBI Services (Denault)	0	53	60	53	-6	352	436	499	84	-62	0	0	0	4,516	4,703	-187
2460 2nd NBI Armor (Tresemer)	0	25	21	25	4	392	437	431	45	6	0	0	0	700	716	-16
2470 2nd NBI Power (Raki)	2	2	5	0	-3	254	254	271	0	-18	0	0	0	3,335	3,574	-239
2475 2nd NBI Controls (Cropper)	0	62	179	62	-117	248	556	472	308	84	0	0	0	2,089	2,320	-232
2480 2nd NBI/TVPS Duct (Denault)	0	17	8	17	9	460	474	475	14	-1	0	0	0	2,260	2,176	84
2485 Vacuum Pumping System (Blanchard)	0	1	21	1	-20	90	108	165	17	-58	0	0	0	388	441	-53
2490 NTC Equipment Relocations (Perry)	57	226	119	169	107	397	915	691	518	224	0	0	0	3,615	3,603	12
7300 NB2 Management (Stevenson)	11	11	23	0	-13	491	491	402	0	88	0	0	0	1,450	1,418	32
7400 Health Physics Support (Stevenson)	47	47	47	0	-1	987	987	576	0	411	0	0	0	2,507	2,172	335
OBS[2]Totals:	209	481	567	272	-86	6,579	7,420	6,525	841	895	0	0	0	27,550	27,988	-437
PM Project Management																
7100 Project Management & Integration (Strykowski)	85	85	176	0	-90	2,416	2,416	2,621	0	-206	0	0	0	5,809	5,955	-147
7710 NSTX-U HP and Other Allocations (Strykowski)	46	46	31	0	14	1,634	1,634	1,354	0	280	0	0	0	2,985	2,612	372
7900 Integrated System (Gentile)	0	0	0	0	0	6	6	4	0	2	0	0	0	78	61	17
OBS[2]Totals:	131	131	207	0	-76	4,056	4,056	3,979	0	76	0	0	0	8,871	8,629	242
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	943	1,212	1,650	269	-438	23,547	24,027	23,510	480	517	0	0	0	78,277	80,423	-2,145
f. Management Resrv.																
g. Total	943	1,212	1,650	269	-438	23,547	24,027	23,510	480	517	0	0	0	78,277		

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) 2011/11/01					
b. LOCATION (Address and ZIP Code) Princeton, New Jersey			b. NUMBER DE-AC02-09CH11466		b. PHASE CD-2		c. EVMS ACCEPTANCE NO X YES (YYYYMMDD)			b. TO (YYYYMMDD) 2011/11/30						
c. TYPE M&O		d. SHARE RATIO														
5. CONTRACT DATA																
a. ORIGINAL NEGOTIATED COST 77,317			b. NEGOTIATED CONTRACT CHANGES 960		c. CURRENT NEGOTIATED COST (a. + b.) 78,277			d. ESTIMATED COST OF AUTHORIZED UNPRICED WORK 0		e. CONTRACT BUDGET BASE (c. + d.) 78,277		f. TOTAL ALLOCATED BUDGET 78,277		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				
6. PERFORMANCE DATA																
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 31DEC2011	+2 31JAN2012	+3 29FEB2012	+4 31MAR2012	+5 30APR2012	+6 31MAY2012	30JUN2012	31JUL2012	31AUG2012	30SEP2012	31OCT2012			
PM Baseline (Beginning of Period)	22,618	959	1,295	1,189	1,280	1,327	1,172	1,060	1,155	1,260	1,500	1,188	1,761	0	78,281	
ECP006															-3	
ECP007															0	
PM Baseline (End of Period)	23,547		1,272	1,153	1,312	1,293	1,206	1,096	1,181	1,313	1,553	1,188	1,737	0	78,277	
Management Reserve															0	
Total															78,277	

EVM Data as of:		11/30/2011		PEP		PEP Variance Threshold (>10% AND >\$50K) exceeded which requires CPR5 submission at WBS Level 2																			
Thousands of \$				PM		Internal variance requiring a VAR																			
WBS[2] OBS[3]	BCWS	BCWP	ACWP	Current Period		Cumulative to Date						At Completion			% Spent	% Complete	FY 2011/2012								
				SV	CV	BCWS	BCWP	ACWP	SV	CV	SPI	CPI	TCPI	BAC			EAC	VAC	BCWS	BCWP	ACWP	SPI	CPI	SV	CV
1.1 Torus Systems																									
1000 CSU Analytical Support (Dudek)	5	6	5	1	-1	217	217	157	0	60	1.00	1.39	0.28	385	763	-378	0.21	0.56	152	141	92	0.92	1.53	-12	49
1001 CS Plasma Facing Components (Tresemmer)	18	9	24	-9	-16	912	892	748	-20	144	0.98	1.19	1.02	2,169	2,002	168	0.37	0.41	568	535	395	0.94	1.36	-33	140
1002 Passive Plate Analysis & Upgrade (Dudek)	0	0	9	0	-9	251	245	304	-6	-59	0.98	0.81	0.16	251	340	-89	0.89	0.98	81	50	134	0.62	0.38	-30	-84
1200 Structures & Supports (Smith)	0	24	91	24	-67	2,293	2,260	2,661	-33	-401	0.99	0.85	0.90	3,554	4,100	-546	0.65	0.64	664	643	1,034	0.97	0.62	-21	-391
1300 Center Stack (Chrzanowski)	22	22	34	0	-11	460	460	400	0	60	1.00	1.15	1.00	1,063	1,000	63	0.40	0.43	328	301	268	0.92	1.12	-27	33
1301 Outer TF Coils (Chrzanowski)	0	0	0	0	0	20	20	20	0	0	1.00	1.00	1.03	338	330	8	0.06	0.06	0	0	0	-0.04	0.42	0	0
1302 Center Stack Assembly (Chrzanowski)	4	0	3	-4	-3	27	0	13	-27	-13	0.00	0.00	1.01	990	997	-7	0.01	0.00	27	0	13	0.00	0.00	-27	-13
1303 TF Joint Test Stand & Test (Kozub)	0	0	0	0	0	353	353	225	0	128	1.00	1.57	0.00	353	225	128	1.00	1.00	273	274	145	1.00	1.89	1	129
1304 Inner TF Bundle (Chrzanowski)	82	66	134	-16	-68	961	881	1,109	-81	-228	0.92	0.79	1.07	3,377	3,237	-140	0.32	0.26	633	556	781	0.88	0.71	-77	-225
1305 Ohmic Heating Coil (Chrzanowski)	122	14	94	-107	-80	1,950	1,770	2,101	-181	-332	0.91	0.84	0.95	4,556	5,033	-477	0.42	0.39	581	411	732	0.71	0.56	-170	-321
1306 Inner PF Coils (Chrzanowski)	1	0	15	-1	-15	177	167	237	-10	-70	0.95	0.71	1.01	669	736	-67	0.32	0.25	77	73	137	0.94	0.53	-5	-65
1307 CS Casing Assembly (Chrzanowski)	0	4	5	4	-1	167	164	272	-3	-108	0.98	0.60	1.06	904	970	-66	0.28	0.18	73	71	178	0.97	0.40	-2	-107
1310 CSU Magnets Systems (Chrzanowski)	0	0	0	0	0	442	442	442	0	0	1.00	1.00	0.00	442	442	0	1.00	1.00	0	0	0	0.10	5.13	0	0
WBS[2]Totals:	255	145	415	-110	-269	8,231	7,871	8,688	-360	-817	0.96	0.91	0.96	19,050	20,374	-1,324	0.43	0.41	3,459	3,056	3,909	0.88	0.78	-403	-853
1.2 Plasma Heating and Current Drive Systems																									
2300 ECH Analysis (Titus)	0	0	0	0	0	84	82	29	-2	54	0.98	2.86	0.14	84	42	42	0.68	0.98	58	58	2	1.00	31.28	0	56
2420 2nd NBI Sources (Cropper)	0	0	1	0	-1	4	12	21	8	-9	3.24	0.57	1.09	99	90	9	0.23	0.12	4	12	21	3.24	0.57	8	-9
2425 BL Relocation (Denault)	0	0	11	1	-10	101	96	67	-5	29	0.95	1.43	0.84	1,860	2,172	-312	0.03	0.05	60	55	24	0.91	2.33	-5	31
2430 2nd NBI Decontamination (Stevenson)	0	0	0	0	0	2,057	2,057	2,070	0	-13	1.00	0.99	0.00	2,057	2,070	-13	1.00	1.00	18	18	30	0.99	0.59	0	-12
2440 2nd NBI Beamline (Denault)	93	37	71	-56	-34	662	516	356	-147	160	0.78	1.45	0.97	2,590	2,490	100	0.14	0.20	621	475	315	0.76	1.51	-147	160
2450 2nd NBI Services (Denault)	0	53	60	53	-6	352	436	499	84	-62	1.24	0.88	0.97	4,516	4,703	-187	0.11	0.10	86	170	233	1.98	0.73	84	-62
2460 2nd NBI Armor (Tresemmer)	0	25	21	25	-4	392	437	431	45	6	1.12	1.01	0.92	700	716	-16	0.60	0.62	120	165	158	1.38	1.04	45	7
2470 2nd NBI Power (Raki)	2	2	5	0	-3	254	254	271	0	-18	1.00	0.94	0.93	3,335	3,574	-239	0.08	0.08	40	39	57	0.97	0.68	-1	19
2475 2nd NBI Controls (Cropper)	0	62	179	62	-117	248	556	472	308	84	2.24	1.18	0.83	2,089	2,320	-232	0.20	0.27	240	546	463	2.27	1.18	306	83
2480 2nd NBI/TVPS Duct (Denault)	0	17	8	17	-9	460	474	475	14	-1	1.03	1.00	1.05	2,260	2,176	84	0.22	0.21	106	133	121	1.26	1.10	27	12
2485 Vacuum Pumping System (Blanchard)	0	1	21	1	-20	90	108	165	17	-58	1.19	0.65	1.02	388	441	-53	0.38	0.28	47	64	124	1.36	0.51	17	-61
2490 NTC Equipment Relocations (Perry)	57	226	119	169	107	397	915	691	518	224	2.31	1.32	0.93	3,615	3,603	12	0.19	0.25	119	637	413	5.37	1.54	518	224
WBS[2]Totals:	152	424	496	272	-73	5,101	5,942	5,547	841	396	1.16	1.07	0.94	23,593	24,397	-804	0.23	0.25	1,518	2,371	1,961	1.56	1.21	853	409
1.3 Auxiliary Systems																									
3200 Water Cooling System Mods (Denault)	0	0	0	0	0	74	68	37	-6	32	0.92	1.87	0.88	195	181	14	0.20	0.35	58	52	21	0.90	2.51	-6	32
3300 Bakeout System Mods CSU (Raki)	0	0	0	0	0	5	5	0	0	5	1.00	0.00	1.02	79	73	6	0.00	0.06	5	5	0	1.00	#DIV/0!	0	5
3400 Gas Delivery System Mods (Blanchard)	0	0	6	0	-6	41	39	29	-2	10	0.95	1.34	1.32	102	77	25	0.38	0.38	39	36	26	0.94	1.38	-2	10
WBS[2]Totals:	0	0	6	0	-6	120	112	66	-8	46	0.93	1.71	1.00	377	331	46	0.20	0.30	102	94	47	0.92	1.98	-8	46
1.4 Plasma Diagnostics																									
4100 Center Stack Diagnostics (Kaita)	0	0	3	0	-3	183	240	148	57	92	1.31	1.62	0.88	836	824	12	0.18	0.29	91	149	56	1.63	2.64	57	92
4500 MPTS VV Modification (Labik)	9	4	51	-5	-47	659	555	742	-104	-187	0.84	0.75	0.89	949	1,184	-235	0.63	0.58	540	481	617	0.89	0.78	-59	-137
WBS[2]Totals:	9	4	54	-5	-50	842	796	891	-47	-95	0.94	0.89	0.89	1,785	2,008	-223	0.44	0.45	631	629	674	1.00	0.93	-2	-44
1.5 Power Systems																									
5000 CSU Power Systems (Raki)	26	8	28	-18	-19	1,484	1,405	1,405	-79	0	0.95	1.00	0.95	5,735	5,976	-240	0.24	0.24	345	262	265	0.76	0.99	-83	-4
5200 DCPS (Hatcher)	40	11	17	-29	-6	517	459	388	-59	71	0.89	1.18	1.01	2,493	2,408	86	0.16	0.18	434	375	305	0.86	1.23	-59	71
5501 Coil Bus Runs (Smith)	0	0	0	0	0	380	380	312	0	68	1.00	1.22	0.65	1,131	1,472	-341	0.21	0.34	196	219	127	1.12	1.72	23	91
WBS[2]Totals:	66	20	45	-46	-25	2,382	2,244	2,105	-138	139	0.94	1.07	0.92	9,360	9,856	-496	0.21	0.24	975	856	698	0.88	1.23	-119	158
1.6 Central Instrumentation & Control																									
6100 Control Sys Data Acquisition (Sichta)	1	20	9	19	11	119	153	134	34	19	1.29	1.14	1.00	918	901	17	0.15	0.17	79	112	94	1.43	1.20	34	19
WBS[2]Totals:	1	20	9	19	11	119	153	134	34	19	1.29	1.14	1.00	918	901	17	0.15	0.17	79	112	94	1.43	1.20	34	19
1.7 Project Support & Integration																									
7200 Center Stack Management (Dudek)	20	20	30	0	-11	581	581	633	0	-52	1.00	0.92	0.96	1,539	1,630	-91	0.39	0.38	359	359	410	1.00	0.87	0	-52
7300 NB2 Management (Stevenson)	11	11	23	0	-13	491	491	402	0	88	1.00	1.22	0.94	1,450	1,418	32	0.28	0.34	290	290	202	1.00	1.44	0	88
7400 Health Physics Support (Stevenson)	47	47	47	0	-1	987	987	576	0	411	1.00	1.71	0.95	2,507	2,172	335	0.27	0.39	601	601	190	1.00	3.17	0	411
7100 Project Management & Integration (Strykowski)	85	85	176	0	-90	2,416	2,416	2,621	0	-206	1.00	0.92	1.02	5,809	5,955	-147	0.44	0.42	1,009	1,009	1,214	1.00	0.83	0	-206
7710 NSTX-U HP and Other Allocations (Strykowski)	46	46	31	0	14	1,634	1,634	1,354	0	280	1.00	1.21	1.07	2,985	2,612	372	0.5								