

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) 2013 / 06 / 01						
b. LOCATION (Address and ZIP Code) Princeton, New Jersey				b. NUMBER DE-AC02-09CH11466				b. PHASE CD-3				b. TO (YYYYMMDD) 2013 / 06 / 30						
				c. TYPE M&O		d. SHARE RATIO		c. EVMS ACCEPTANCE NO YES X (YYYYMMDD) 2011 / 12 / 20										
5. CONTRACT DATA																		
a. QUANTITY 1		b. NEGOTIATED COST 84,908	c. ESTIMATED COST OF AUTHORIZED UNPRICED WORK 0		d. TARGET PROFIT/FEE 0	e. TARGET PRICE 84,908	f. ESTIMATED PRICE 0		g. CONTRACT CEILING 0	h. ESTIMATED CONTRACT CEILING 0		i. DATE OF OTB/OTS (YYYYMMDD)						
6. ESTIMATED COST AT COMPLETION						7. AUTHORIZED CONTRACTOR REPRESENTATIVE												
MANAGEMENT ESTIMATE AT COMPLETION (1)			CONTRACT BUDGET BASE (2)			VARIANCE (3)			a. NAME (Last, First, Middle Initial) Ronald Strykowski			b. TITLE Project Manager						
a. BEST CASE 0									c. SIGNATURE			d. DATE SIGNED (YYYYMMDD)						
b. WORST CASE 0																		
c. MOST LIKELY 0			84,908			84,908												
8. PERFORMANCE DATA																		
WBS[2]		CURRENT PERIOD					CUMULATIVE TO DATE					REPROGRAMMING ADJUSTMENTS			AT COMPLETION			
		BUDGETED COST		ACTUAL COST	VARIANCE		BUDGETED COST		ACTUAL COST	VARIANCE								
ITEM (1)	SCHEDULED (2)	PERFORMED (3)	PERFORMED (4)	SCHEDULE (5)	COST (6)	SCHEDULED (7)	PERFORMED (8)	PERFORMED (9)	SCHEDULE (10)	COST (11)	COST VARIANCE (12a)	SCHEDULE VARIANCE (12b)	BUDGET (13)	BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)		
1.1 Torus Systems	557	641	626	83	15	20,205	19,033	21,981	-1,172	-2,948	0	0	0	23,811	26,760	-2,949		
1.2 Plasma Heating and Current Drive Systems	863	515	534	-348	-19	13,947	15,335	14,527	1,388	808	0	0	0	23,472	22,793	679		
1.3 Auxiliary Systems	0	1	7	1	-6	120	170	133	51	38	0	0	0	377	464	-87		
1.4 Plasma Diagnostics	39	27	37	-12	-10	1,870	1,645	1,877	-225	-232	0	0	0	1,972	2,337	-365		
1.5 Power Systems	341	172	164	-169	8	5,006	4,941	4,961	-65	-20	0	0	0	10,002	9,478	524		
1.6 Central Instrumentation & Control	5	6	1	1	5	207	346	314	139	32	0	0	0	956	924	32		
1.7 Project Support & Integration	320	320	336	0	-16	11,355	11,355	10,578	0	776	0	0	0	14,513	13,995	518		
1.8 Site Preparation and Torus Assembly	318	303	141	-15	162	5,242	4,765	4,795	-478	-30	0	0	0	9,805	10,200	-395		
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	2,444	1,985	1,846	-459	139	57,951	57,589	59,165	-363	-1,577	0	0	0	84,908	86,950	-2,042		
f. Management Resrv.														0				
g. Total	2,444	1,985	1,846	-459	139	57,951	57,589	59,165	-363	-1,577	0	0	0	84,908				
9. Reconciliation to CBB																		
a. Variance Adjustment										0								
b. Total Contract Variance										-363	-1,577			84,908	86,950	-2,042		

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) 2013/06/01							
b. LOCATION (Address and ZIP Code) Princeton, New Jersey			b. NUMBER DE-AC02-09CH11466				b. PHASE CD-3				b. TO (YYYYMMDD) 2013/06/30							
			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)	15	15	11	0	5	455	455	486	0	-30	0	0	0	705	736	-30		
1001 CS Plasma Facing Components (Tresemer)	2	8	18	5	-10	1,937	1,780	1,476	-158	304	0	0	0	2,110	1,806	304		
1002 Passive Plate Analysis & Upgrade (Atnafu)	0	0	1	0	-1	639	605	497	-34	109	0	0	0	639	530	110		
1200 Structures & Supports (Smith)	8	4	2	-4	2	3,470	3,588	4,340	119	-752	0	0	0	3,791	4,543	-753		
1300 Center Stack (Chrzanowski)	149	149	99	0	49	1,741	1,741	1,954	0	-213	0	0	0	2,272	2,485	-214		
1301 Outer TF Coils (Chrzanowski)	30	42	61	11	-19	471	427	423	-44	3	0	0	0	471	467	3		
1302 Center Stack Assembly (Chrzanowski)	23	0	6	-23	-6	281	55	48	-226	7	0	0	0	845	838	7		
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	22	30	22	-8	2,779	2,781	2,880	2	-99	0	0	0	3,566	3,665	-99		
1305 Ohmic Heating Coil (Chrzanowski)	265	306	305	41	1	5,737	5,313	7,514	-424	-2,202	0	0	0	6,411	8,613	-2,203		
1306 Inner PF Coils (Chrzanowski)	65	25	36	-41	-11	539	380	534	-159	-154	0	0	0	824	978	-154		
1307 CS Casing Assembly (Chrzanowski)	0	71	56	71	15	1,361	1,113	1,161	-248	-48	0	0	0	1,384	1,432	-48		
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	7	1	-6	41	48	51	7	-4	0	0	0	102	106	-4		
4100 Center Stack Diagnostics (Kaita)	37	23	25	-14	-2	745	672	526	-73	146	0	0	0	836	689	147		
4500 MPTS VV Modification (Labik)	2	4	12	2	-7	1,125	973	1,351	-152	-378	0	0	0	1,137	1,648	-511		
5000 CSU Power Systems (Raki)	60	66	33	6	33	2,585	3,045	2,592	460	453	0	0	0	5,735	4,738	998		
5200 DCPS (Hatcher)	186	73	106	-112	-33	1,549	1,291	1,775	-258	-485	0	0	0	2,361	2,846	-485		
5501 Coil Bus Runs (Atnafu)	96	33	25	-63	8	872	605	594	-267	12	0	0	0	1,906	1,894	12		
6100 Control Sys Data Acquisition (Sichta)	5	6	1	1	5	207	346	314	139	32	0	0	0	956	924	32		
7200 Center Stack Management (Dudek)	158	158	108	0	50	1,237	1,237	1,099	0	138	0	0	0	1,624	1,486	138		
8200 CS & Coil Supt Struct Install (Perry)	276	261	112	-15	148	4,084	3,746	3,984	-338	-238	0	0	0	7,156	7,759	-603		
8210 Field Supervision & Oversight (Perry)	42	42	29	0	13	949	949	809	0	139	0	0	0	1,426	1,287	139		
8250 Remove/Install Centerstack (Perry)	0	0	0	0	0	210	70	2	-140	68	0	0	0	1,223	1,154	69		
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)	21	0	0	-21	0	33	99	61	66	38	0	0	0	99	61	38		
2425 BL Relocation (Atnafu)	3	8	28	5	-20	1,803	1,580	1,058	-223	521	0	0	0	1,803	1,282	520		
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)	88	19	24	-69	-5	1,904	1,877	1,479	-27	397	0	0	0	1,979	1,604	374		
2450 2nd NBI Services (Atnafu)	395	404	262	9	142	1,569	2,372	2,151	803	221	0	0	0	4,950	4,730	221		
2460 2nd NBI Armor (Tresemer)	4	15	14	11	2	491	652	871	162	-219	0	0	0	761	979	-219		
2470 2nd NBI Power (Raki)	91	2	67	-90	-65	956	1,102	1,114	146	-13	0	0	0	3,335	3,348	-14		
2475 2nd NBI Controls (Cropper)	73	0	17	-73	-17	1,828	1,682	1,349	-146	333	0	0	0	2,611	2,278	333		
2480 2nd NBI/TVPS Duct (Blanchard)	135	31	43	-104	-12	1,345	1,715	2,073	371	-357	0	0	0	2,094	2,451	-357		
2485 Vacuum Pumping System (Blanchard)	0	0	1	0	-1	90	291	346	201	-55	0	0	0	388	443	-56		
2490 NTC Equipment Relocations (Perry)	53	36	78	-18	-42	1,788	1,824	1,925	36	-101	0	0	0	3,311	3,516	-205		
7300 NB2 Management (Stevenson)	19	19	20	0	0	783	783	684	0	99	0	0	0	1,103	1,004	99		
7400 Health Physics Support (Stevenson)	28	28	51	0	-23	2,111	2,111	1,680	0	430	0	0	0	2,449	2,018	431		
7100 Project Management & Integration (Strykowski)	83	83	113	0	-30	4,844	4,844	5,082	0	-238	0	0	0	6,412	6,860	-448		
7710 NSTX-U HP and Other Allocations (Strykowski)	31	31	44	0	-13	2,371	2,371	2,029	0	342	0	0	0	2,847	2,554	293		
7900 Integrated System (Gentile)	0	0	0	0	0	9	9	4	0	5	0	0	0	78	73	5		
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	2,444	1,985	1,846	-459	139	57,951	57,589	59,165	-363	-1,577	0	0	0	84,908	86,950	-2,042		

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) 2013/06/01						
b. LOCATION (Address and ZIP Code) Princeton, New Jersey			b. NUMBER DE-AC02-09CH11466				b. PHASE CD-3				b. TO (YYYYMMDD) 2013/06/30						
c. TYPE M&O			d. SHARE RATIO		c. EVMS ACCEPTANCE NO YES X (YYYYMMDD) 2011/12/20												
5. PERFORMANCE DATA																	
OBS[2]	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)							
ITEM (1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12a)	(12b)	(13)	(14)	(15)	(16)	
CS Center Stack	1,419	1,308	1,084	-111	224	33,886	32,136	35,159	-1,750	-3,023	0	0	0	48,547	51,648	-3,101	
NB Neutral Beam	911	563	606	-348	-42	16,841	18,228	16,892	1,388	1,337	0	0	0	27,024	25,815	1,209	
PM Project Management	114	114	156	0	-43	7,224	7,224	7,115	0	109	0	0	0	9,337	9,487	-150	
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	2,444	1,985	1,846	-459	139	57,951	57,589	59,165	-363	-1,577	0	0	0	84,908	86,950	-2,042	
f. Management Resrv.														0			
g. Total	2,444	1,985	1,846	-459	139	57,951	57,589	59,165	-363	-1,577	0	0	0	84,908			

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) 2013/06/01				
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) 2013/06/30				
c. TYPE M&O			d. SHARE RATIO												
5. CONTRACT DATA															
a. ORIGINAL NEGOTIATED COST 77,317		b. NEGOTIATED CONTRACT CHANGES 7,591	c. CURRENT NEGOTIATED COST (a. + b.) 84,908		d. ESTIMATED COST OF AUTHORIZED UNPRICED WORK 0		e. CONTRACT BUDGET BASE (c. + d.) 84,908		f. TOTAL ALLOCATED BUDGET 84,908		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 31JUL2013 (4)	+2 31AUG2013 (5)	+3 30SEP2013 (6)	+4 31OCT2013 (7)	+5 30NOV2013 (8)	+6 31DEC2013 (9)	31JAN2014 (10)	28FEB2014 (11)	31MAR2014 (12)	30APR2014 (13)			31MAY2014 (14)
PM Baseline (Beginning of Period)	55,508	2,296	2,987	2,604	2,230	3,142	2,350	1,642	2,256	1,946	1,986	1,653	1,431	0	84,718
ECP-090															142
ECP-089															31
ECP-088															17
PM Baseline (End of Period)	57,951		2,987	2,629	2,247	3,142	2,350	1,642	2,256	1,946	1,986	1,653	1,431	0	84,908
Management Reserve															0
Total															84,908

EVM Data as of:		6/30/2013															
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	
1.1 Torus Systems																	
1000	CSU Analytical Support (Dudek)	15	15	11	0	5	455	455	486	0	-30	1.00	0.94	705	736	-30	
1001	CS Plasma Facing Components (Tresemer)	2	8	18	5	-10	1,937	1,780	1,476	-158	304	0.92	1.21	2,110	1,806	304	
1002	Passive Plate Analysis & Upgrade (Atnafu)	0	0	1	0	-1	639	605	497	-34	109	0.95	1.22	639	530	110	
1200 Structures & Supports (Smith)		8	4	2	-4	2	3,470	3,588	4,340	119	-752	1.03	0.83	3,791	4,543	-753	
1300	Center Stack (Chrzanowski)	149	149	99	0	49	1,741	1,741	1,954	0	-213	1.00	0.89	2,272	2,485	-214	
1301	Outer TF Coils (Chrzanowski)	30	42	61	11	-19	471	427	423	-44	3	0.91	1.01	471	467	3	
1302	Center Stack Assembly (Chrzanowski)	23	0	6	-23	-6	281	55	48	-226	7	0.19	1.14	845	838	7	
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	22	30	22	-8	2,779	2,781	2,880	2	-99	1.00	0.97	3,566	3,665	-99	
1305 Ohmic Heating Coil (Chrzanowski)		265	306	305	41	1	5,737	5,313	7,514	-424	-2,202	0.93	0.71	6,411	8,613	-2,203	
1306 Inner PF Coils (Chrzanowski)		65	25	36	-41	-11	539	380	534	-159	-154	0.71	0.71	824	978	-154	
1307	CS Casing Assembly (Chrzanowski)	0	71	56	71	15	1,361	1,113	1,161	-248	-48	0.82	0.96	1,384	1,432	-48	
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:		557	641	626	83	15	20,205	19,033	21,981	-1,172	-2,948	0.94	0.87	23,811	26,760	-2,949	
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)	21	0	0	-21	0	33	99	61	66	38	3.02	1.62	99	61	38	
2425	BL Relocation (Atnafu)	3	8	28	5	-20	1,803	1,580	1,058	-223	521	0.88	1.49	1,803	1,282	520	
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)	88	19	24	-69	-5	1,904	1,877	1,479	-27	397	0.99	1.27	1,979	1,604	374	
2450	2nd NBI Services (Atnafu)	395	404	262	9	142	1,569	2,372	2,151	803	221	1.51	1.10	4,950	4,730	221	
2460	2nd NBI Armor (Tresemer)	4	15	14	11	2	491	652	871	162	-219	1.33	0.75	761	979	-219	
2470	2nd NBI Power (Raki)	91	2	67	-90	-65	956	1,102	1,114	146	-13	1.15	0.99	3,335	3,348	-14	
2475	2nd NBI Controls (Cropper)	73	0	17	-73	-17	1,828	1,682	1,349	-146	333	0.92	1.25	2,611	2,278	333	
2480	2nd NBI/TVPS Duct (Blanchard)	135	31	43	-104	-12	1,345	1,715	2,073	371	-357	1.28	0.83	2,094	2,451	-357	
2485	Vacuum Pumping System (Blanchard)	0	0	1	0	-1	90	291	346	201	-55	3.23	0.84	388	443	-56	
2490	NTC Equipment Relocations (Perry)	53	36	78	-18	-42	1,788	1,824	1,925	36	-101	1.02	0.95	3,311	3,516	-205	
WBS[2]Totals:		863	515	534	-348	-19	13,947	15,335	14,527	1,388	808	1.10	1.06	23,472	22,793	679	
1.3 Auxiliary Systems																	
3200 Water Cooling System Mods (Atnafu)		0	0	0	0	0	74	68	38	-6	30	0.92	1.81	195	165	31	
3300 Bakeout System Mods CSU (Raki)		0	0	0	0	0	5	55	44	50	11	11.51	1.25	79	193	-114	
3400 Gas Delivery System Mods (Blanchard)		0	1	7	1	-6	41	48	51	7	-4	1.16	0.93	102	106	-4	
WBS[2]Totals:		0	1	7	1	-6	120	170	133	51	38	1.42	1.28	377	464	-87	
1.4 Plasma Diagnostics																	
4100	Center Stack Diagnostics (Kaita)	37	23	25	-14	-2	745	672	526	-73	146	0.90	1.28	836	689	147	
4500 MPTS VV Modification (Labik)		2	4	12	2	-7	1,125	973	1,351	-152	-378	0.86	0.72	1,137	1,648	-511	
WBS[2]Totals:		39	27	37	-12	-10	1,870	1,645	1,877	-225	-232	0.88	0.88	1,972	2,337	-365	
1.5 Power Systems																	
5000	CSU Power Systems (Raki)	60	66	33	6	33	2,585	3,045	2,592	460	453	1.18	1.17	5,735	4,738	998	
5200	DCPS (Hatcher)	186	73	106	-112	-33	1,549	1,291	1,775	-258	-485	0.83	0.73	2,361	2,846	-485	
5501	Coil Bus Runs (Atnafu)	96	33	25	-63	8	872	605	594	-267	12	0.69	1.02	1,906	1,894	12	
WBS[2]Totals:		341	172	164	-169	8	5,006	4,941	4,961	-65	-20	0.99	1.00	10,002	9,478	524	
1.6 Central Instrumentation & Control																	
6100 Control Sys Data Acquisition (Sichta)		5	6	1	1	5	207	346	314	139	32	1.67	1.10	956	924	32	
WBS[2]Totals:		5	6	1	1	5	207	346	314	139	32	1.67	1.10	956	924	32	
1.7 Project Support & Integration																	
7200	Center Stack Management (Dudek)	158	158	108	0	50	1,237	1,237	1,099	0	138	1.00	1.13	1,624	1,486	138	
7300	NB2 Management (Stevenson)	19	19	20	0	0	783	783	684	0	99	1.00	1.14	1,103	1,004	99	
7400	Health Physics Support (Stevenson)	28	28	51	0	-23	2,111	2,111	1,680	0	430	1.00	1.26	2,449	2,018	431	
7100	Project Management & Integration (Strykowski)	83	83	113	0	-30	4,844	4,844	5,082	0	-238	1.00	0.95	6,412	6,860	-448	
7710	NSTX-U HP and Other Allocations (Strykowski)	31	31	44	0	-13	2,371	2,371	2,029	0	342	1.00	1.17	2,847	2,554	293	
7900	Integrated System (Gentile)	0	0	0	0	0	9	9	4	0	5	1.00	2.19	78	73	5	
WBS[2]Totals:		320	320	336	0	-16	11,355	11,355	10,578	0	776	1.00	1.07	14,513	13,995	518	
1.8 Site Preparation and Torus Assembly																	
8200	CS & Coil Supt Struct Install (Perry)	276	261	112	-15	148	4,084	3,746	3,984	-338	-238	0.92	0.94	7,156	7,759	-603	
8210	Field Supervision & Oversight (Perry)	42	42	29	0	13	949	949	809	0	139	1.00	1.17	1,426	1,287	139	
8250	Remove/Install Centerstack (Perry)	0	0	0	0	0	210	70	2	-140	68	0.33	37.74	1,223	1,154	69	
WBS[2]Totals:		318	303	141	-15	162	5,242	4,765	4,795	-478	-30	0.91	0.99	9,805	10,200	-395	
PMB		2,444	1,985	1,846	-459	139	57,951	57,589	59,165	-363	-1,577	0.99	0.97	84,908	86,950	-2,042	
MR															0	-1,000	
TAB															84,908	85,950	
													BCWR (=pmb-bcwp)	ETC (=EAC-acwp)			
Neg PEP Variance Threshold exceeded (VAR required)													27,320	26,785			
Pos PEP Variance Threshold exceeded (VAR required)													contingency remaining (94,300-acwp-BCWR)=				
Internal variance requiring a VAR (PM initiated)													7,815				
Negative variance <\$10K													contingency remaining (94,300-acwp-ETC)=				
													8,350				
													29%	31%			
													TPC=	94,300	94,300		