

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													FORM APPROVED OMB No. 0704-0188			
DOLLARS IN Thousands of \$													4. REPORT PERIOD			
1. CONTRACTOR				2. CONTRACT				3. PROGRAM					a. FROM (YYYYMMDD)			
a. NAME Princeton University-Plasma Physics Lab				a. NAME DOE-SC-OFES-NSTX Upgrade				a. NAME NSTX Upgrade Project					2012 / 01 / 01			
b. LOCATION (Address and ZIP Code) Princeton, New Jersey				b. NUMBER DE-AC02-09CH11466				b. PHASE CD-3					b. TO (YYYYMMDD)			
				c. TYPE M&O		d. SHARE RATIO		c. EVMS ACCEPTANCE NO YES X (YYYYMMDD) 2011 / 12 / 20					2012 / 01 / 31			
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	78,435	0	0	78,435	0	0	0									
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)			b. TITLE			
0										Ronald Strykowski			Project Manager			
a. BEST CASE			0							c. SIGNATURE			d. DATE SIGNED (YYYYMMDD)			
b. WORST CASE			0													
c. MOST LIKELY			0			78,435			78,435							
8. PERFORMANCE DATA																
WBS[2]	CURRENT PERIOD					CUMULATIVE TO DATE					REPROGRAMMING ADJUSTMENTS			AT COMPLETION		
	BUDGETED COST		ACTUAL COST	VARIANCE		BUDGETED COST		ACTUAL COST	VARIANCE							
	WORK SCHEDULED	WORK PERFORMED	WORK PERFORMED	SCHEDULE	COST	WORK SCHEDULED	WORK PERFORMED	WORK PERFORMED	SCHEDULE	COST	COST VARIANCE	SCHEDULE VARIANCE	BUDGET	BUDGETED	ESTIMATED	VARIANCE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12a)	(12b)	(13)	(14)	(15)	(16)
1.1 Torus Systems	433	460	548	27	-88	9,265	8,848	9,585	-417	-737	0	0	0	19,525	20,770	-1,245
1.2 Plasma Heating and Current Drive Systems	219	369	442	150	-73	5,501	6,762	6,312	1,261	450	0	0	0	23,275	23,342	-68
1.3 Auxiliary Systems	0	0	0	0	0	120	124	67	4	58	0	0	0	377	346	31
1.4 Plasma Diagnostics	28	13	64	-16	-51	880	894	1,018	14	-124	0	0	0	1,785	2,028	-243
1.5 Power Systems	94	103	159	9	-55	2,555	2,505	2,335	-50	170	0	0	0	9,360	10,372	-1,012
1.6 Central Instrumentation & Control	1	2	10	2	-8	120	164	155	43	8	0	0	0	918	930	-12
1.7 Project Support & Integration	223	223	274	0	-51	6,561	6,561	6,181	0	380	0	0	0	14,368	15,158	-790
1.8 Site Preparation and Torus Assembly	198	363	308	165	55	1,012	1,517	1,107	506	410	0	0	0	8,827	9,100	-274
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	1,196	1,534	1,804	338	-271	26,013	27,374	26,761	1,362	614	0	0	0	78,435	82,048	-3,613
f. Management Resrv.																
g. Total	1,196	1,534	1,804	338	-271	26,013	27,374	26,761	1,362	614	0	0	0	78,435		
9. Reconciliation to CBB																
a. Variance Adjustment																
b. Total Contract Variance										1,362	614			78,435	82,048	-3,613

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) 2012/01/01					
b. LOCATION (Address and ZIP Code) Princeton, New Jersey			b. NUMBER DE-AC02-09CH11466				b. PHASE CD-3				b. TO (YYYYMMDD) 2012/01/31					
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	SCHEDULE VARIANCE	BUDGET	BUDGETED	ESTIMATED	VARIANCE
	WORK SCHEDULED	WORK PERFORMED	WORK PERFORMED	SCHEDULE	COST	WORK SCHEDULED	WORK PERFORMED	WORK PERFORMED	SCHEDULE	COST						
ITEM (1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12a)	(12b)	(13)	(14)	(15)	(16)
CS Center Stack	773	961	1,121	188	-160	14,571	14,672	14,964	101	-292	0	0	0	42,331	45,162	-2,831
NB Neutral Beam	276	426	502	150	-76	7,093	8,354	7,420	1,261	935	0	0	0	27,232	26,815	417
PM Project Management	146	146	181	0	-34	4,348	4,348	4,377	0	-29	0	0	0	8,871	10,070	-1,199
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	1,196	1,534	1,804	338	-271	26,013	27,374	26,761	1,362	614	0	0	0	78,435	82,048	-3,613
f. Management Resrv.														0		
g. Total	1,196	1,534	1,804	338	-271	26,013	27,374	26,761	1,362	614	0	0	0	78,435		

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) 2012/01/01				
b. LOCATION (Address and ZIP Code) Princeton, New Jersey				b. NUMBER DE-AC02-09CH11466				b. PHASE CD-3				b. TO (YYYYMMDD) 2012/01/31				
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)	5	5	14	0	-9	227	227	175	0	51	0	0	0	385	772	-388
1001 CS Plasma Facing Components (Tresemer)	57	3	30	-54	-27	1,012	895	798	-116	97	0	0	0	2,169	1,880	289
1002 Passive Plate Analysis & Upgrade (Atnafu)	22	53	13	30	40	271	301	326	30	-25	0	0	0	429	455	-27
1200 Structures & Supports (Smith)	0	44	116	44	-72	2,293	2,312	2,875	19	-563	0	0	0	3,554	4,261	-707
1300 Center Stack (Chrzanowski)	22	22	39	0	-16	505	505	469	0	36	0	0	0	1,063	1,027	36
1301 Outer TF Coils (Chrzanowski)	0	10	8	10	1	20	39	28	19	11	0	0	0	338	327	11
1302 Center Stack Assembly (Chrzanowski)	0	0	6	0	-6	27	0	27	-27	-27	0	0	0	990	1,017	-27
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)	57	127	89	70	39	1,314	1,260	1,267	-54	-7	0	0	0	3,298	3,390	-93
1305 Ohmic Heating Coil (Chrzanowski)	165	86	182	-79	-96	2,281	2,020	2,366	-261	-346	0	0	0	4,933	5,309	-377
1306 Inner PF Coils (Chrzanowski)	64	27	13	-37	14	284	202	259	-82	-57	0	0	0	669	725	-56
1307 CS Casing Assembly (Chrzanowski)	40	83	38	43	45	237	291	327	54	-36	0	0	0	904	940	-36
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 (Denault)	0	0	0	0	0	74	68	37	-6	32	0	0	0	195	182	14
3300 Bakeout System Mods CSU (Raki)	0	0	0	0	0	5	17	0	13	17	0	0	0	79	62	17
3400 Gas Delivery System Mods (Blanchard)	0	0	0	0	0	41	39	30	-2	9	0	0	0	102	102	0
4100 Center Stack Diagnostics (Kaita)	0	4	44	4	-41	183	301	227	118	74	0	0	0	836	804	31
4500 MPTS VV Modification (Labik)	28	9	19	-19	-10	697	593	791	-104	-198	0	0	0	949	1,224	-274
5000 CSU Power Systems (Raki)	42	95	121	53	-26	1,564	1,649	1,554	84	95	0	0	0	5,735	6,414	-678
5200 DCPS (Hatcher)	53	9	38	-44	-29	610	476	469	-134	7	0	0	0	2,493	2,486	7
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	2	10	2	-8	120	164	155	43	8	0	0	0	918	930	-12
7200 Center Stack Management (Dudek)	20	20	33	0	-13	620	620	696	0	-76	0	0	0	1,539	1,615	-76
8200 CS & Coil Supt Struct Install (Perry)	162	239	266	76	-27	731	1,108	921	377	187	0	0	0	6,327	6,164	163
8210 Field Supervision & Oversight (Perry)	36	105	42	69	63	281	350	187	69	163	0	0	0	1,329	1,825	-496
8250 Remove/Install Centerstack (Perry)	0	20	0	20	0	0	60	0	60	60	0	0	0	1,171	1,112	59
2300 ECH Analysis (CLOSED)	0	0	0	0	0	84	84	29	0	55	0	0	0	84	29	55
2420 2nd NBI Sources (Cropper)	0	0	31	0	-31	4	12	52	8	-39	0	0	0	99	140	-40
2425 BL Relocation (Atnafu)	0	0	14	0	-14	101	101	106	0	-5	0	0	0	1,860	1,865	-6
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 (Denault)	93	144	143	51	1	850	672	580	-177	92	0	0	0	2,590	2,558	31
2450 2nd NBI Services (Denault)	21	31	20	10	11	373	482	553	109	-71	0	0	0	4,506	4,712	-206
2460 2nd NBI Armor (Tresemer)	0	14	9	14	4	392	481	449	90	32	0	0	0	700	695	5
2470 2nd NBI Power (Raki)	2	2	9	0	-8	257	430	292	173	139	0	0	0	3,335	3,409	-74
2475 2nd NBI Controls (Cropper)	0	32	81	32	-49	248	705	612	457	94	0	0	0	2,089	1,905	184
2480 2nd NBI/TVPS Duct (Denault)	1	23	21	21	2	462	497	509	35	-12	0	0	0	1,952	2,187	-235
2485 Vacuum Pumping System (Blanchard)	0	6	27	6	-21	90	133	207	43	-74	0	0	0	388	409	-21
2490 NTC Equipment Relocations (Perry)	102	117	88	15	29	583	1,106	854	523	252	0	0	0	3,615	3,364	251
7300 NB2 Management (Stevenson)	11	11	9	0	2	512	512	433	0	79	0	0	0	1,450	1,371	79
7400 Health Physics Support (Stevenson)	47	47	52	0	-6	1,081	1,081	675	0	406	0	0	0	2,507	2,102	406
7100 Project Management & Integration (Strykowski)	101	101	151	0	-50	2,617	2,617	2,927	0	-311	0	0	0	5,809	7,289	-1,481
7710 NSTX-U HP and Other Allocations (Strykowski)	46	46	30	0	16	1,725	1,725	1,446	0	279	0	0	0	2,985	2,705	280
7900 Integrated System (Gentile)	0	0	0	0	0	6	6	4	0	2	0	0	0	78	76	2
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	1,196	1,534	1,804	338	-271	26,013	27,374	26,761	1,362	614	0	0	0	78,435	82,048	-3,613
f. Management Resrv.														0		
g. Total	1,196	1,534	1,804	338	-271	26,013	27,374	26,761	1,362	614	0	0	0	78,435		

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) 2012/01/01				
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) 2012/01/31					
c. TYPE M&O			d. SHARE RATIO												
5. CONTRACT DATA															
a. ORIGINAL NEGOTIATED COST 77,317		b. NEGOTIATED CONTRACT CHANGES 1,117		c. CURRENT NEGOTIATED COST (a. + b.) 78,435		d. ESTIMATED COST OF AUTHORIZED UNPRICED WORK 0		e. CONTRACT BUDGET BASE (c. + d.) 78,435		f. TOTAL ALLOCATED BUDGET 78,435		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 FORCAST						ENTER SPECIFIED PERIODS						
			+1 29FEB2012 (4)	+2 31MAR2012 (5)	+3 30APR2012 (6)	+4 31MAY2012 (7)	+5 30JUN2012 (8)	+6 31JUL2012 (9)	31AUG2012 (10)	30SEP2012 (11)	31OCT2012 (12)	30NOV2012 (13)	31DEC2012 (14)		
PM Baseline (Beginning of Period)	24,817	1,175	1,345	1,357	1,252	1,096	1,190	1,319	1,553	1,188	1,737	1,649	1,632	0	78,455
ECP012															-11
ECP018															-10
PM Baseline (End of Period)	26,013		1,365	1,397	1,358	1,190	1,348	1,381	1,561	1,192	1,744	1,652	1,630	0	78,435
Management Reserve															0
Total															78,435

EVM Data as of: 1/31/2012																
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)	5	5	14	0	-9	227	227	175	0	51	1.00	1.29	385	772	-388	
1001 CS Plasma Facing Components (Tresern)	57	3	30	-54	-27	1,012	895	798	-116	97	0.88	1.12	2,169	1,880	289	
1002 Passive Plate Analysis & Upgrade (Atnaf)	22	53	13	30	40	271	301	326	30	-25	1.11	0.92	429	455	-27	
1200 Structures & Supports (Smith)	0	44	116	44	-72	2,293	2,312	2,875	19	-563	1.01	0.80	3,554	4,261	-707	
1300 Center Stack (Chrzanowski)	22	22	39	0	-16	505	505	469	0	36	1.00	1.08	1,063	1,027	36	
1301 Outer TF Coils (Chrzanowski)	0	10	8	10	1	20	39	28	19	11	1.97	1.38	338	327	11	
1302 Center Stack Assembly (Chrzanowski)	0	0	6	0	-6	27	0	27	-27	-27	0.00	0.00	990	1,017	-27	
1303 TF Joint Test Stand & Test (Kozub)	0	0	0	0	0	353	353	225	0	128	1.00	1.57	353	225	128	
1304 Inner TF Bundle (Chrzanowski)	57	127	89	70	39	1,314	1,260	1,267	-54	-7	0.96	0.99	3,298	3,390	-93	
1305 Ohmic Heating Coil (Chrzanowski)	165	86	182	-79	-96	2,281	2,020	2,366	-261	-346	0.89	0.85	4,933	5,309	-377	
1306 Inner PF Coils (Chrzanowski)	64	27	13	-37	14	284	202	259	-82	-57	0.71	0.78	669	725	-56	
1307 CS Casing Assembly (Chrzanowski)	40	83	38	43	45	237	291	327	54	-36	1.23	0.89	904	940	-36	
1310 CSU Magnets Systems (Chrzanowski)	0	0	0	0	0	442	442	442	0	0	1.00	1.00	442	442	0	
WBS[2]Totals:	433	460	548	27	-88	9,265	8,848	9,585	-417	-737	0.95	0.92	19,525	20,771	-1,245	
1.2 Plasma Heating and Current Drive Systems																
2300 ECH Analysis (Titus)	0	0	0	0	0	84	84	29	0	55	1.00	2.93	84	29	55	
2420 2nd NBI Sources (Cropper)	0	0	31	0	-31	4	12	52	8	-39	3.24	0.23	99	140	-40	
2425 BL Relocation (Denault)	0	0	14	0	-14	101	101	106	0	-5	1.00	0.95	1,860	1,865	-6	
2430 2nd NBI Decontamination (Stevenson)	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 (Denault)	93	144	143	51	1	850	672	580	-177	92	0.79	1.16	2,590	2,558	31	
2450 2nd NBI Services (Denault)	21	31	20	10	11	373	482	553	109	-71	1.29	0.87	4,506	4,712	-206	
2460 2nd NBI Armor (Tresemer)	0	14	9	14	4	392	481	449	90	32	1.23	1.07	700	695	5	
2470 2nd NBI Power (Raki)	2	2	9	0	-8	257	430	292	173	139	1.67	1.48	3,335	3,409	-74	
2475 2nd NBI Controls (Cropper)	0	32	81	32	-49	248	705	612	457	94	2.84	1.15	2,089	1,905	184	
2480 2nd NBI/TVPS Duct (Denault)	1	23	21	21	2	462	497	509	35	-12	1.08	0.98	1,952	2,187	-235	
2485 Vacuum Pumping System (Blanchard)	0	6	27	6	-21	90	133	207	43	-74	1.47	0.64	388	409	-21	
2490 NTC Equipment Relocations (Perry)	102	117	88	15	29	583	1,106	854	523	252	1.90	1.30	3,615	3,364	251	
WBS[2]Totals:	219	369	442	150	-73	5,501	6,762	6,312	1,261	450	1.23	1.07	23,275	23,342	-68	
1.3 Auxiliary Systems																
3200 Water Cooling System Mods (Denault)	0	0	0	0	0	74	68	37	-6	32	0.92	1.87	195	182	14	
3300 Bakeout System Mods CSU (Raki)	0	0	0	0	0	5	17	0	13	17	3.63	0.00	79	62	17	
3400 Gas Delivery System Mods (Blanchard)	0	0	0	0	0	41	39	30	-2	9	0.95	1.29	102	102	0	
WBS[2]Totals:	0	0	0	0	0	120	124	67	4	58	1.04	1.86	377	346	31	
1.4 Plasma Diagnostics																
4100 Center Stack Diagnostics (Kaita)	0	4	44	4	-41	183	301	227	118	74	1.65	1.32	836	804	31	
4500 MPTS VV Modification (Labik)	28	9	19	-19	-10	697	593	791	-104	-198	0.85	0.75	949	1,224	-274	
WBS[2]Totals:	28	13	64	-16	-51	880	894	1,018	14	-124	1.02	0.88	1,785	2,028	-243	
1.5 Power Systems																
5000 CSU Power Systems (Raki)	42	95	121	53	-26	1,564	1,649	1,554	84	95	1.05	1.06	5,735	6,414	-678	
5200 DCPS (Hatcher)	53	9	38	-44	-29	610	476	469	-134	7	0.78	1.02	2,493	2,486	7	
5501 Coil Bus Runs (Smith)	0	0	0	0	0	380	380	312	0	68	1.00	1.22	1,131	1,472	-341	
WBS[2]Totals:	94	103	159	9	-55	2,555	2,505	2,335	-50	170	0.98	1.07	9,360	10,372	-1,012	
1.6 Central Instrumentation & Control																
6100 Control Sys Data Acquisition (Sichta)	1	2	10	2	-8	120	164	155	43	8	1.36	1.05	918	930	-12	
WBS[2]Totals:	1	2	10	2	-8	120	164	155	43	8	1.36	1.05	918	930	-12	
1.7 Project Support & Integration																
7200 Center Stack Management (Dudek)	20	20	33	0	-13	620	620	696	0	-76	1.00	0.89	1,539	1,615	-76	
7300 NB2 Management (Stevenson)	11	11	9	0	2	512	512	433	0	79	1.00	1.18	1,450	1,371	79	
7400 Health Physics Support (Stevenson)	47	47	52	0	-6	1,081	1,081	675	0	406	1.00	1.60	2,507	2,102	406	
7100 Project Management & Integration (Stryk)	101	101	151	0	-50	2,617	2,617	2,927	0	-311	1.00	0.89	5,809	7,289	-1,481	
7710 NSTX-U HP and Other Allocations (Stryk)	46	46	30	0	16	1,725	1,725	1,446	0	279	1.00	1.19	2,985	2,705	280	
7900 Integrated System (Gentile)	0	0	0	0	0	6	6	4	0	2	1.00	1.55	78	76	2	
WBS[2]Totals:	223	223	274	0	-51	6,561	6,561	6,181	0	380	1.00	1.06	14,368	15,158	-790	
1.8 Site Preparation and Torus Assembly																
8200 CS & Coil Supt Struct Install (Perry)	162	239	266	76	-27	731	1,108	921	377	187	1.52	1.20	6,327	6,164	163	
8210 Field Supervision & Oversight (Perry)	36	105	42	69	63	281	350	187	69	163	1.25	1.87	1,329	1,825	-496	
8250 Remove/Install Centerstack (Perry)	0	20	0	20	20	0	60	0	60	60	0.00	0.00	1,171	1,112	59	
WBS[2]Totals:	198	363	308	165	55	1,012	1,517	1,107	506	410	1.50	1.37	8,827	9,100	-274	
PMB	1,196	1,534	1,804	338	-271	26,013	27,374	26,761	1,362	614	1.05	1.02	78,435	82,045	-3,610	
Labor and Overhead Rate ETC															-2,140	
Total													78,435	79,905	-1,470	
PEP Variance Threshold exceeded (VAR required)												BCWR (=pmb-bcwp)		ETC (=EAC-acwp)		
Internal variance requiring a VAR (PM initiated)												51,060		53,144		
												contingency remaining (94,300-acwp-BCWR)=		16,479		
												contingency remaining (94,300-acwp-ETC)=		14,395		
												32%		27%		
TPC=												94,300		94,300		