

Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Total Float	FY11		FY12				
						SEP		OCT			NOV	
						19	26	3	10	17	24	31
NSTX Upgrade Project												
Level 3 Milestones												
1040	Award Ohmic Heating (OH) Conductor	0		10NOV11	84							▼
1140	Lift Out Old Centerstack	0		22NOV11	287							▼
CD3	Submit CD3 Request	0		17NOV11*	59							▼
LRCD3	Lehman Review	0		27OCT11*	59							▼
Job: 1001 - CS Plasma Facing Components-TRESEMER												
Final Design												
1001-0056	Prep Procurement Specs	15	15NOV11*	07DEC11	-93							
Procurement												
1001-0062	Prep Req & Proc Package - Tiles (ATJ)	30	25OCT11	07DEC11	-93							
Job: 1201 - Outer TF Structures-SMITH												
Final Design												
1201-0031	Final Design Analysis	277	24SEP10A	01NOV11	-73							
1201-0031A	VV Clevis & Pins - Final Dsgn Analysis	329	24JUN10A	14OCT11	-73							
1201-0031B	Rods & Rod Ends- Final Dsgn Analysis	331	24JUN10A	18OCT11	-73							
1201-0031C	Weldment - Final Dsgn Analysis	341	24JUN10A	01NOV11	-73							
1201-0032	Validation of Design Complete	199	21FEB11A	01DEC11	-73							
1201-0032A	VV Clevis & Pins - Validation of Dsgn Complete	199	21FEB11A	01DEC11	-73							
1201-0032B	Rods & Rod Ends- Validation of Dsgn Complete	199	21FEB11A	01DEC11	-73							
1201-0032C	Weldment - Validation of Dsgn Complete	199	21FEB11A	01DEC11	-73							
1201-0032E	Weldment Clevis & Pins -Validation of Dsgn Compl	199	21FEB11A	01DEC11	-73							
1201-0033	Update CAD Models per Validation	204	21FEB11A	08DEC11	-73							
1201-0034	Revise Fabrication & Assembly Drawings per Valid	164	18APR11A	08DEC11	-73							
1201-0035	Review, Check Drawings	57	19SEP11A	08DEC11	53							
1201-0035A	VV Clevis & Pins - Revw, Check Drawings	0	17OCT11*		90							▼
1201-0035B	Rods & Rod Ends- Revw, Check Drawings	0	17OCT11*		90							▼
1201-0035C	Weldment - Revw, Check Drawings	0	17OCT11*		90							▼
1201-0035D	Weldment Bolted Joints - Revw, Check Drawings	18	19SEP11A	12OCT11	92							
1201-0035E	Weldment Clevis & Pins -Revw, Check Drawings	0	17OCT11*		90							▼
1201-0035F	Assembly Dwgs -Revw, Check Drawings	0	17OCT11*		90							▼
Procurement												
1201-0042	Prep Req & Procurement Package	10	09DEC11	22DEC11	53							
1201-0043	Submit Req to Procurement	1	22DEC11	22DEC11	53							
Job: 1202 - Outer PF2 Coil Structures-SMITH												
Final Design												
1202-0035	Review, Check Drawings	23	12SEP11A	12OCT11	198							
Procurement												
1202-0042	Prep Req & Procurement Package	5	13OCT11	19OCT11	198							
1202-0043	Submit Req to Procurement	1	19OCT11	19OCT11	198							
Job: 1203 - PF3 Support.-SMITH												
Final Design												
1203-0035	Review, Check Drawings	24	09SEP11A	12OCT11	210							
Procurement												
1203-0042	Prep Req & Procurement Package:inconel Bolts	5	13OCT11	19OCT11	210							
1203-0043	Submit Req to Procurement	1	19OCT11	19OCT11	210							
Job: 1204 - PF4/5 Leads & Radial Supports-SMITH												
Final Design												
1204-0035	Review, Check Drawings	1	16NOV11	16NOV11	88							

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						SEP		OCT		NOV						
						2	19	26	3	10	17	24	31	7	14	21
Job: 1205 - Umbrella-SMITH																
Final Design																
1205-0028	Det Dsgn Eng, CAD/Analysis Iterations(15mod)	304	17AUG10A	01NOV11	-73											
1205-0028A	Det Dsgn Eng, CAD/Analysis-Lid & Torque Plate	304	17AUG10A	01NOV11	-73											
1205-0028B	Det Dsgn Eng, CAD/Analysis-Legs	304	17AUG10A	01NOV11	-73											
1205-0028C	Det Dsgn Eng, CAD/Analysis-AI Blocks	304	17AUG10A	01NOV11	-73											
1205-0028D	Det Dsgn Eng, CAD/Analysis-Overall Lower Umbrell	304	17AUG10A	01NOV11	-73											
1205-0029	Final design Analysis	305	16AUG10A	01NOV11	-73											
1205-0029A	Final design Analysis - Lid & Torque Plate	304	17AUG10A	01NOV11	-73											
1205-0029B	Final design Analysis - Legs	304	17AUG10A	01NOV11	-73											
1205-0029C	Final design Analysis - AI Blocks	304	17AUG10A	01NOV11	-73											
1205-0029D	Final design Analysis - Overall Lower Umbrell	304	17AUG10A	01NOV11	-73											
1205-0032	Validation of Design Complete	159	21MAR11A	01NOV11	99											
1205-0032A	Validation of Design - Lid & Torque Plate	159	21MAR11A	01NOV11	-73											
1205-0032B	Validation of Design - Legs	159	21MAR11A	01NOV11	-73											
1205-0032C	Validation of Design - AI Blocks	159	21MAR11A	01NOV11	-73											
1205-0032D	Validation of Design - Overall Lower Umbrell	159	21MAR11A	01NOV11	-73											
1205-0035	Review, Check Drawings	4	02NOV11	07NOV11	95											
1205-0035A	Review, Check Drawings - Lid & Torque Plate	4	02NOV11	07NOV11	95											
1205-0035B	Review, Check Drawings - Legs	4	02NOV11	07NOV11	95											
1205-0035C	Review, Check Drawings - AI Blocks	4	02NOV11	07NOV11	95											
1205-0035D	Review, Check Drawings - Overall Lower Umbrell	4	02NOV11	07NOV11	95											
1205-0086	Final Dsgn Eng Iterations, DetailCAD (15mod)	304	17AUG10A	01NOV11	-73											
1205-0086A	Final Dsgn Eng, CAD/Analysis-Lid & Torque Plate	304	17AUG10A	01NOV11	-73											
1205-0086B	Final Dsgn Eng, CAD/Analysis-Legs	304	17AUG10A	01NOV11	-73											
1205-0086C	Final Dsgn Eng, CAD/Analysis-AI Blocks	304	17AUG10A	01NOV11	-73											
1205-0086D	Fin Dsgn Eng, CAD/Analysis-Overall Upper Umbrell	304	17AUG10A	01NOV11	-73											
1205-0087	Final Design Analysis	304	17AUG10A	01NOV11	-73											
1205-0087A	Final design Analysis - Lid & Torque Plate	304	17AUG10A	01NOV11	-73											
1205-0087B	Final design Analysis - Legs	304	17AUG10A	01NOV11	-73											
1205-0087C	Final design Analysis - AI Blocks	304	17AUG10A	01NOV11	-73											
1205-0087D	Final design Analysis - Overall Upper Umbrell	304	17AUG10A	01NOV11	-73											
1205-0090	Validation of Design Complete	179	21FEB11A	01NOV11	98											
1205-0090A	Validation of Design - Lid & Torque Plate	159	21MAR11A	01NOV11	-73											
1205-0090B	Validation of Design - Legs	159	21MAR11A	01NOV11	-73											
1205-0090C	Validation of Design - AI Blocks	159	21MAR11A	01NOV11	-73											
1205-0090D	Validation of Design - Overall Upper Umbrell	159	21MAR11A	01NOV11	-73											
1205-0091	Update CAD Models per Validation	179	21FEB11A	01NOV11	94											
1205-0092	Revise Fabrication & Assembly Drawings per Valid	179	21FEB11A	01NOV11	94											
1205-0093	Review, Check Drawings	4	02NOV11	07NOV11	94											
1205-0093A	Review, Check Drawings - Lid & Torque Plate	4	02NOV11	07NOV11	95											
1205-0093B	Review, Check Drawings - Legs	4	02NOV11	07NOV11	95											
1205-0093C	Review, Check Drawings - AI Blocks	4	02NOV11	07NOV11	95											
1205-0093D	Review, Check Drawings - Overall Upper Umbrell	4	02NOV11	07NOV11	95											
Procurement																
1205-0042	Prep Req & Procurement Package	10	17NOV11	02DEC11	88											
Job: 1206 - Pedestal -SMITH																
Final Design																
1206-0035	Review, Check, Drawings	19	16SEP11A	12OCT11	160											
Procurement																
1206-0042	Prep Req & Procurement Package	10	13OCT11	26OCT11	160											
1206-0043	Submit Req to Procurement	1	26OCT11	26OCT11	160											

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						SEP		OCT		NOV									
						2	19	26	3	10	17	24	31	7	14	21	28		
Job: 1207 - Vessel Legs -SMITH																			
Final Design																			
1207-0032	Analysis & Validation of Design Complete	265	04OCT10A	24OCT11	-73														
1207-0032A	Analysis/Valid of Dsgn Compl-VV Supp Foot Reinf	265	04OCT10A	24OCT11	-73														
1207-0032B	Analysis/Valid of Dsgn Compl-VV Supp Attch Reinf	38	30SEP11	22NOV11	169														
1207-0033	Update CAD Models per Validation	173	21FEB11A	24OCT11	-73														
1207-0033A	Upd CAD Models per Valid -VV Support Foot Reinfo	265	04OCT10A	24OCT11	-73														
1207-0033B	Upd CAD Models per Valid -VV Supp Attachmt Reinf	38	30SEP11	22NOV11	169														
1207-0034	Rev Fab & Assembly Drwngs per Valid	173	21FEB11A	24OCT11	-73														
1207-0034A	Rev Fab & Assembly Drwng -VV Support Foot Reinfo	265	04OCT10A	24OCT11	-73														
1207-0034B	Rev Fab & Assembly Drwngs-VV Supp Attachmt Reinf	38	30SEP11	22NOV11	169														
1207-0035	Review, Check Drawings	63	25OCT11	31JAN12	127														
1207-0035A	Rev, Check Drwngs-VV Support Foot Reinfo	63	25OCT11	31JAN12	130														
1207-0035B	Rev, Check Drwngs -VV Supp Attachmt Reinf	63	25OCT11	31JAN12	130														
Job: 1208 - PF4&5 Verticle Support-SMITH																			
Final Design																			
1208-0035	Review, Check Drawings	47	16NOV11	31JAN12	78														
Job: 1304 - Inner TF Bundle (Ds/Fab)-CHRZANOWSKI																			
Procurement																			
1304-09491	Fixtures & Tooling -Designed & ordered	1	12OCT11*	12OCT11	-10														
1304-09492	Fixtures & Tooling -Complete	1	28NOV11*	28NOV11	-40														
Job: 1305 - OHMIC Heating Coil (OH)-CHRZANOWSKI																			
Final Design																			
1305-1450	Design OH Mold (7)	30	20OCT11*	02DEC11	30														
1305-1470	Design OH Winding Clamps (8)	25	03NOV11*	09DEC11	25														
1305-1530	Design Tension Unit 99)	20	02DEC11*	06JAN12	11														
1305-1550	Design Mold for OH-TF Castable Material (10)	51*	17OCT11*	05JAN12	12														
Procurement																			
1304-3350	Spec-TF conductor stands- tube soldering	10	31OCT11*	11NOV11	-94														
1304-3452	Bid/Award TF Conductor Stand for Insulating (TS)	30	29SEP11A	09NOV11	-41														
1304-3552	Bid/Award-TF Quadrant Mold	35	23SEP11A	10NOV11	-37														
1304-3602	Bid/Award TF Full Coil Mold	106	12SEP11A	16FEB12	9														
1304-3804	Fab & Deliver Lift Beam for Conductor (TECH SHOP)	95	29AUG11A	19JAN12	4														
1304-3904	Fab & deliver Lift Beam for Coil (TECH SHOP)	93	31AUG11A	19JAN12	-24														
1305-0940	Bid & Award OH Conductor Fabrication (PF)	30	30SEP11	10NOV11	-22														
1305-1904	Fab & Deliver Taping Machines	60	14DEC11*	14MAR12	-31														
1305-2310	Bid/Award Winding Machine for OH	139*	30SEP11A	23APR12	-35														
1305-2652	Fabricate Sanblast Unit Stand (TECH SHOP)	30	04OCT11*	14NOV11	3														
1305-2900	Spec-Insulation [fiberg tape, teflon and gnd p	29	19SEP11A	27OCT11	-62														
1305-3002	Purchase Epoxy-CTD-425	30	14NOV11*	04JAN12	-58														
1305-3200	G-10 Filler modifications	40	01NOV11*	05JAN12	-14														
Fabrication / Assembly																			
1305-1570	Design Braze Station (12)	20	04NOV11*	05DEC11	9														
Job: 1306 - Inner PF Coils-CHRZANOWSKI																			
Procurement																			
1306-2030	Bid/Award - Inner PF Conductor(OH)	32*	30SEP11	14NOV11	-22														
1306-3020	Bid/Award Kapton/Glass Insulation	30	15NOV11	05JAN12	-32														
1306-4010	DWGS Revision for SS Supp for PF1A/B Coils	20	30SEP11	27OCT11	-50														
1306-5010	Generate SOW & Spec for Inner PF Coil Fab	15	01NOV11*	21NOV11	8														
Job: 1307 - CS Casing Assembly -CHRZANOWSKI																			
Procurement																			
1307-2050	Bid/Award Inconel Bellows	92*	30SEP11A	16FEB12	43														
1307-2250	Spec/Requisition CB SS Structure	20	30SEP11	27OCT11	-30														

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						SEP	OCT	OCT			NOV								
						2	19	26	3	10	17	24	31	7	14	21	28		
Job: 2420 - 2nd NBI Sources-CROPPER																			
Procurement																			
24200100	Prep Requisition and procurement package	37	10SEP11A	14OCT11	296														
24200110	SUBMIT REQ TO PROCUREMENT	32	17SEP11A	14OCT11	296														
Job: 2425 - BL Relocation-DENAULT																			
Final Design																			
2425-0027	Prep Procurement Specs	69	19SEP11A	03JAN12	186														
Job: 2440 - 2nd NBI Beamline-DENAULT																			
Procurement																			
2440-0003	Calorimeter parts	53	26AUG11A	09NOV11	52														
2440-0004	Ion Dump parts	50	31AUG11A	09NOV11	63														
Refurbishment																			
2440-0011	Calorimeter TC wiring	30	14OCT11	28NOV11	52														
2440-0012	Ion Dump TC wiring	30	14OCT11	28NOV11	52														
2440-0022	Refurbish 90 inch flange and neutralizer	208	06SEP11A	05JUL12	2														
2440-0028	Refurbish Ion Dump	206	07FEB11A	28NOV11	52														
2440-0030	Refurbish Calorimeter	68	22AUG11A	28NOV11	52														
Job: 2450 - 2nd NBI Services-DENAULT																			
Final Design																			
2450-0026	Prep Procurement Specs	194	22AUG11A	31MAY12	139														
Installation																			
2450-0097	FAB/ASSEMBLY Legs (TECH SHOP)	64	22AUG11A	18NOV11	573														
2450-0099	HVAC	99	30SEP11	16FEB12	517														
2450-0102	Platform Mods	502	19AUG11A	23AUG13	56														
Job: 2460 - 2nd NBI Armor-TRESEMER																			
Procurement																			
2460-0031	Prep Requisition & Procuremnt Pckg - Armor Tiles	30	25OCT11	07DEC11	109														
Fabrication / Assembly																			
2460-0054	Assembly Procedure Finalized	33	17OCT11*	02DEC11	314														
2460-0057	In Vessel Work Remove Armor	20	05DEC11	09JAN12	314														
Job: 2475 - 2nd NBI Controls-CROPPER																			
Final Design																			
2475-0105	NBOS Station - Control System Layout	55	01AUG11A	17OCT11	48														
Procurement																			
2475-0116	Prep Requisition and procurement package	35	19SEP11A	04NOV11	48														
2475-0117	SUBMIT REQ TO PROCUREMENT	31	26SEP11A	07NOV11	48														
2475-0118	Procurement lead time (1)	46*	26SEP11A	30NOV11	88														
Installation																			
2475-0139	LCC Remote - Installation	412	26SEP11A	21MAY13	48														
Job: 2480 - 2nd NBI/TVPS Duct & VV-DENAULT																			
Procurement																			
2480-0058	PPPL Fabr Rectang Bellows (previously Ops spare)	400	02MAY11A	30JAN13	124														
2480-0059	Prep Req & Procuremnt Pckg - Vessel Cap & Port E	8	02NOV11	11NOV11	173														
2480-0064	Prep Req & Procuremnt Pckg - Spool Piece	5	02NOV11	08NOV11	278														
2480-0072	Prep Req & Procuremnt Pckg-Raw Material f/Duct	3	02NOV11	04NOV11	288														
Job: 2485 - Vacuum Pumping System-BLANCHARD																			
Procurement																			
2485-0040	Prep Req & proc pckg - Misc Mtrl/Comp for Ducts	87	06SEP11A	16JAN12	15														

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						SEP		OCT			NOV			
						2	19	26	3	10	17	24	31	7
8250-117	lift old centerstack	2	21NOV11	22NOV11	278									
8250-121	Remove old centerstack pedestal	1	30NOV11	30NOV11	287									