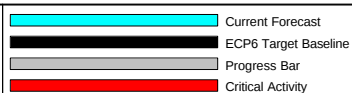


Activity ID	Activity Description	Orig Dur	Target 1 Early Start	Early Start	Plan Finish	FORECAST FINISH	Total Float	PCTC	Earned value cost (BCWP)	Baseline Budget ECP6	Add'l Estimate to Complete	FY04	FY05	FY06	FY07	FY08	FY09	FY10				
11 - In-Vessel Components																						
Job: 1101 - Limiter Adv Conc/Prel Dsn-GORANSON																						
FY03 Actual Cost																						
1101-100	Update Conceptual Design	78*	15JUL03A	15JUL03A	30SEP03A	30SEP03A		100	60.00	60.00												
12 - Vacuum Vessel Systems																						
Job: 1201 - Vacuum Vessel Prelim Dsn-GORANSON																						
FY03 Actual Cost																						
1201-002	Apr-Sept MIE Cost ORNL	47	01APR03A	01APR03A	30SEP03A	30SEP03A		100	319,050.00	319,050.00												
1201-003	Apr-MSept MIE Cost PPPL	47	01APR03A	01APR03A	30SEP03A	30SEP03A		100	105,370.00	105,370.00												
1201-500	WBS 12 & 14 PDR	0			07OCT03A	07OCT03A			0.00	0.00												
Job: 1202 - Vacuum Vessel R&D - VIOLA																						
FY03 Actual Cost																						
1202-002	Apr-Sept MIE Cost ORNL	47	01APR03A	01APR03A	30SEP03A	30SEP03A		100	60.00	60.00												
1202-003	Apr-Sept MIE Cost PPPL	47	01APR03A	01APR03A	30SEP03A	30SEP03A		100	128,340.00	128,340.00												
Vessel Weld Joint R&D																						
1203-405	Field Weld joint design and Specific spool piece	107*	01DEC03A	01DEC03A	26FEB04	30APR04A		100	38,607.00	38,607.00												
1202-800	Inconel Procurement *ECP6*	10	10MAY04*	01APR04A	21MAY04	09APR04A		100	1,783.60	1,783.60												
1202-803	Drawings for Arc/Samples *ECP6*	10	17MAY04*	12APR04A	28MAY04	16APR04A		100	3,230.00	3,230.00												
1202-806	Waterjet Arcs *ECP6*	2	01JUN04	19APR04A	02JUN04	22APR04A		100	1,228.80	1,228.80												
1202-809	Machine weld groove *ECP6*	5	03JUN04	23APR04A	09JUN04	26APR04A		100	3,369.60	3,369.60												
1202-812	Anneal Samples *ECP6*	2	10JUN04	27APR04A	11JUN04	28APR04A		100	1,684.80	1,684.80												
1202-815	Setup weld test *ECP6*	4	14JUN04	29APR04A	17JUN04	30APR04A		100	1,228.80	1,228.80												
1202-818	Weld samples *ECP6*	6	18JUN04	03MAY04	25JUN04	10MAY04	616		0.00	2,527.20												
1202-821	Eval & Redesign Joint iteration 2 *ECP6*	5	28JUN04	11MAY04	02JUL04	17MAY04	616		0.00	3,230.00												
1202-824	Machine iteration 2 *ECP6*	5	06JUL04	18MAY04	12JUL04	24MAY04	616		0.00	3,369.60												
1202-827	Anneal iteration 2 *ECP6*	2	13JUL04	25MAY04	14JUL04	26MAY04	616		0.00	1,684.80												
1202-830	Weld iteration 2 *ECP6*	3	15JUL04	27MAY04	19JUL04	01JUN04	616		0.00	2,527.20												
1202-833	Eval & redesign joint iteration 3 *ECP6*	4	20JUL04	02JUN04	23JUL04	07JUN04	616		0.00	3,230.00												
1202-836	Machine iteration 3 *ECP6*	4	26JUL04	08JUN04	29JUL04	11JUN04	616		0.00	3,369.60												
1202-839	Anneal iteration 3 *ECP6*	5	30JUL04	14JUN04	05AUG04	18JUN04	616		0.00	1,684.80												
1202-842	Weld iteration 3 *ECP6*	4	06AUG04	21JUN04	11AUG04	24JUN04	616		0.00	2,527.20												
1202-845	SOW for full size test sample *ECP6*	28*	24MAR04*	24MAR04A	28APR04	28APR04A		100	6,460.00	6,460.00												
1202-848	Bid,eval,award full size test sample *ECP6*	12*	29APR04	29APR04A	03JUN04	14MAY04	602		269.71	1,615.00												
1202-851	vendor fab & deliver full size sample *ECP6*	42	04JUN04	17MAY04	09JUL04	15JUL04	602		0.00	78,055.00	\$15,000											
1202-854	Instrument sample *ECP6*	15	12AUG04	16JUL04	01SEP04	05AUG04	602		0.00	5,748.20												
1202-857	Perform welds on sample *ECP6*	9	02SEP04	06AUG04	15SEP04	18AUG04	602		0.00	8,424.00												
1202-860	Measure Results *ECP6*	5	16SEP04	19AUG04	22SEP04	25AUG04	602		0.00	3,876.00												
1202-863	Report Results *ECP6*	5	23SEP04	26AUG04	29SEP04	01SEP04	602		0.00	3,876.00												
1202-866	Engineering Oversght *ECP6*	149*	03MAR04*	03MAR04A	29SEP04	30SEP04	1,278		5,274.11	18,249.50												
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ECP-6 Baseline																						
Legend: Current Forecast, ECP6 Target Baseline, Progress Bar, Critical Activity																						
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Activity ID	Activity Description	Orig Dur	Target 1 Early Start	Early Start	Plan Finish	FORECAST FINISH	Total Float	PCTC	Earned value cost (BCWP)	Baseline Budget ECP6	Add'l Estimate to Complete	FY04	FY05	FY06	FY07	FY08	FY09	FY10
1203-311	Prepare Final Design ECP	10	20MAY04*	20MAY04*	03JUN04	03JUN04	1,180		0.00	3,088.56								
125-001	Title I design WBS 125 local I&C	186*	22MAR04*	04JUN04*	19MAY04	28FEB05	1,180		0.00	10,699.35								
1203-361	Final Design of Insulation and Heating/Cooling	230*	03NOV03A	03NOV03A	28FEB05	28FEB05	265	30	9,336.46	31,121.53								
1203-271	Develop Assembly & Installation Procedures	167*	01JUL04*	01JUL04*	28FEB05	28FEB05	265		0.00	44,133.45								
122-011	Title II design WBS 122 Thermal insulation	167*	01JUL04*	01JUL04*	28FEB05	28FEB05	265		0.00	42,921.58								
124-011	Title II design WBS 124 VV supports	167*	01JUL04*	01JUL04*	28FEB05	28FEB05	265		0.00	21,574.43								
125-011	Title II design WBS 125 local I&C	167*	01JUL04*	01JUL04*	28FEB05	28FEB05	265		0.00	10,787.22								
1203-900	Comprehensive WBS 12 FDR	0			28FEB05	28FEB05	265		0.00	0.00								
Vacuum Vessel Vendor Selection																		
121-6-6	Finalize tech Doc package & Resolve chits	18*	06MAY04	03MAY04	26MAY04	26MAY04	186		0.00	1,286.90								
121-6-8	Evaluate and Select VV Production Vendor	16	24JUN04	24JUN04	16JUL04	16JUL04	186		0.00	2,901.90								
121-6-83	Negotiate with vendor	11	19JUL04	19JUL04	29JUL04	02AUG04	186		0.00	1,615.00								
121-6-85	DOE Approve VV Selection & contract	11	30JUL04	03AUG04	13AUG04	17AUG04	186		0.00	0.00								
121-6-9	Award VV Production Vendor (Phase funded)	0			13AUG04	24AUG04	186		0.00	0.00								
121-36-9.2	Release for Fabrication	0			20AUG04	31AUG04	186		0.00	0.00								
Job:1204 - WBS 12 Title III, Procure,Fabricate																		
121-031	VVSA Title III engr	639*	21MAY04*	21MAY04*	22NOV06	22NOV06	736		0.00	238,831.20								
121-038	FAB VVSA ba=.6/2.27/0 BO=.4/2.17/.3	303	23AUG04	01SEP04	28OCT05	08NOV05	191		0.00	2,958,709.28								
121-038.1	Vacuum Vessel Delivered	0			28OCT05	08NOV05	191		0.00	0.00								
121-038P	FAB VVSA NB ports	303	23AUG04	01SEP04	28OCT05	08NOV05	307		0.00	150,445.33								
122-030	SPEA VV Thermal Insulation	65	05JUL05	05JUL05	03OCT05	03OCT05	112		0.00	0.00								
122-036.9	Award VV Insulation	0			03OCT05*	03OCT05*	112		0.00	0.00								
122-037	VV Insulation Procurement WBS 122	105	04OCT05*	04OCT05*	03MAR06	03MAR06	112		0.00	110,493.05								
122-031	Title III engr WBS 122	176	24JUN05	24JUN05	03MAR06	03MAR06	922		0.00	21,460.89								
123-030	SPEA VV Heating & Cooling	65	01JUL05	01JUL05	30SEP05	30SEP05	113		0.00	0.00								
123-036.9	Award VV Heating/Cooling Distribution	0			30SEP05	30SEP05	113		0.00	0.00								
123-037	VV Heating/Cooling Distr Procurement WBS 123	65	03OCT05*	03OCT05*	05JAN06	05JAN06	113		0.00	321,760.80								
123-041	VV Heating/Cooling Fab/Assy WBS 123	40	06JAN06	06JAN06	02MAR06	02MAR06	113		0.00	14,744.50								
123-031	Title III engr WBS 123	135	24JUN05	24JUN05	05JAN06	05JAN06	963		0.00	8,194.72								
124-030	SPEA VV Supports	65	08JUL05	08JUL05	06OCT05	06OCT05	138		0.00	0.00								
124-036.9	Award VV Supports	0			06OCT05	06OCT05	138		0.00	0.00								
124-037	VV Supports Procurement WBS 124	100	07OCT05*	07OCT05*	01MAR06	01MAR06	138		0.00	31,450.50								
124-041	VV Supports Fab/assy WBS 124	20	02MAR06	02MAR06	29MAR06	29MAR06	138		0.00	660.60								
124-031	Title III engr WBS 124	165	08JUL05	08JUL05	01MAR06	01MAR06	924		0.00	8,940.72								
125-015	Title III design Local I&C	61	03OCT05*	03OCT05*	29DEC05	29DEC05	238		0.00	2,608.38								
125-037	Procurement Local I&C	60	04OCT05*	04OCT05*	29DEC05	29DEC05	238		0.00	3,132.00								

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Activity ID	Activity Description	Orig Dur	Target 1 Early Start	Early Start	Plan Finish	FORECAST FINISH	Total Float	PCTC	Earned value cost (BCWP)	Baseline Budget ECP6	Add'l Estimate to Complete	FY04	FY05	FY06	FY07	FY08	FY09	FY10			
13 - Conventional Coils																					
Job: 1301 - Convential Coils Prel Design-KALISH																					
FY03 Actual Cost																					
1301-0002	Apr-Sept MIE Cost ORNL	64*	01APR03A	01APR03A	30SEP03A	30SEP03A		100	0.00	0.00											
1301-0003	Apr-Sept MIE Cost PPPL	64*	01APR03A	01APR03A	30SEP03A	30SEP03A		100	91,660.00	91,660.00											
Material Property Analysis & Testing																					
1301-300	Investigate Experimental Data *ECP6*	5	12APR04*	12APR04A	16APR04	16APR04A		100	642.80	642.80											
1301-303	Prepare Test Reqmnts *ECP6*	20*	19APR04	19APR04A	23APR04	14MAY04	153	50	803.50	1,607.00											
1301-306	Testing on 2D glass,CTD *ECP6*	15*	26APR04	28MAY04*	14MAY04	18JUN04	144		0.00	1,928.40											
1301-309	Re-evaluate Analysis *ECP6*	6	17MAY04	21JUN04	21MAY04	28JUN04	144		0.00	6,370.00											
1301-312	Choose 3D or 2D glass *ECP6*	1	24MAY04	29JUN04	24MAY04	29JUN04	144		0.00	1,285.60											
1301-315	Re-evaluate Failure Criteria *ECP6*	6*	12APR04	21MAY04*	16APR04	28MAY04	158		0.00	1,607.00											
1301-318	Evaluate 3D glass *ECP6*	5	05APR04*	05APR04A	09APR04	09APR04A		100	642.80	642.80											
1301-321	Order Sample Materials *ECP6*	30	25MAY04	30JUN04	07JUL04	11AUG04	144		0.00	5,750.40											
1301-324	Build Samples *ECP6*	15	08JUL04	12AUG04	28JUL04	01SEP04	144		0.00	18,645.00											
1301-327	Cryo Test for Coil Sample *ECP6*	15	29JUL04	02SEP04	18AUG04	23SEP04	144		0.00	14,511.00											
1402-004	Subcontract analysis upport for PDR	41*	01OCT03A	01OCT03A	26NOV03A	26NOV03A		100	5,096.00	5,096.00											
1402-005	VV/MCC PDR support	37*	01OCT03A	01OCT03A	31OCT03A	31OCT03A		100	4,178.20	4,178.20											
1301-100	Prepare Scope Sheet to define interfaces	150*	03NOV03A	03NOV03A	27FEB04	11JUN04	1,336	10	964.20	9,642.00											
1301-105	Prepare Interface Dwgs for ICD's	132*	01DEC03A	01DEC03A	15APR04	11JUN04	205	50	2,410.50	4,821.00											
1301-110	Finalize ICDs	29*	16APR04	03MAY04	29APR04	11JUN04	205		0.00	4,821.00											
1301-115	Update design Basis Document	29*	01APR04*	03MAY04*	15APR04	11JUN04	205		0.00	7,231.50											
1301-120	Finalize SRD	25*	01MAR04*	03MAY04	15MAR04	07JUN04	209		0.00	4,821.00											
1301-140	Complete Draft SOW	10	02JAN04A	02JAN04A	15JAN04A	15JAN04A		100	4,821.00	4,821.00											
1301-145	Post Draft SOW on WEB to Solicit Vendr Input	2	16JAN04A	16JAN04A	19JAN04A	19JAN04A		100	1,285.60	1,285.60											
1301-150	Vendor Responses	102*	02FEB04*	02FEB04A	23JUN04	30APR04A		100	7,231.50	7,231.50											
1301-155	Trim Coil Layouts	59*	01OCT03A	01OCT03A	23DEC03A	23DEC03A		100	55,762.90	55,762.90											
1301-160	Trim Coil Leads	140*	01DEC03A	01DEC03A	23JUN04	30JAN04A		100	7,070.80	7,070.80											
1301-165	PF1-PF3 Support System Layouts	15	01DEC03A	01DEC03A	30JAN04A	30JAN04A		100	21,373.10	21,373.10											
163-001	Title I design CS sprt struc	132*	01DEC03A	01DEC03A	23JUN04	11JUN04	205	80	46,696.53	58,370.66											
1301-170	New Lead Details	10	01DEC03A	01DEC03A	23DEC03A	23DEC03A		100	14,141.60	14,141.60											
1301-175	Iterate & Finalize Design	107*	02JAN04A	02JAN04A	30JUN04	01JUN04	213	50	14,784.40	29,568.80											
1301-180	Update ANSYS model & structure	142*	03NOV03A	03NOV03A	01JUN04	27FEB04A		100	8,294.62	8,294.62											
1301-185	FEA Analysis Coils,Stress deflection	119*	01DEC03A	01DEC03A	02JUN04	24MAY04	218	80	9,817.92	12,272.40											
1301-195	Seismic Analysis	104*	26NOV03A	26NOV03A	26NOV03A	30APR04A		100	12,272.40	12,272.40											
1301-125	Update Cost and Schedule	20	03JUN04	02SEP04	30JUN04	30SEP04	128		0.00	9,642.00											
1301-130	Prepare for PDR	6	23JUN04	23SEP04	30JUN04	30SEP04	128		0.00	7,713.60											
1301-135	TF Coil PDR	0			30JUN04*	30SEP04*	128		0.00	0.00											
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Current Forecast																					
ECP6 Target Baseline																					
Progress Bar																					
Critical Activity																					

Activity ID	Activity Description	Orig Dur	Target 1 Early Start	Early Start	Plan Finish	FORECAST FINISH	Total Float	PCTC	Earned value cost (BCWP)	Baseline Budget ECP6	Add'l Estimate to Complete	FY04	FY05	FY06	FY07	FY08	FY09	FY10		
1301-190	FEA Analysis PF Supports,Stress Deflection	108*	02JUN04	01MAR04A	22JUN04	30JUL04	1,302	80	9,817.92	12,272.40										
133-010	Title I design WBS 134 Conv Coil I&C	59*	05MAY04*	01OCT04*	30JUN04	04JAN05	250		0.00	15,198.40										
1301-136	PF Coil PDR	0				04JAN05*	322		0.00	0.00										
Job: 1303 - WBS 13 Final Design -KALISH																				
131-011	Title II design WBS 131 TF coils	11*	01JUL04*	01OCT04*	30SEP04	15OCT04	128		0.00	103,621.51										
131-012	WBS 13 TF FDR	0			30SEP04	15OCT04	128		0.00	0.00										
141-011	Title II design WBS 132 PF coils	186*	01OCT04*	01OCT04*	30SEP05	01JUL05	250		0.00	167,006.83										
163-011	Title II design CS sprt struc	186*	01OCT04*	01OCT04*	30SEP05	01JUL05	250		0.00	53,216.38										
133-011	Title II design WBS 134 Conv Coil I&C	127*	06APR05	05JAN05*	30SEP05	01JUL05	250		0.00	15,198.40										
184-011	Title II design WBS 133 Ext trim coils	127*	06APR05*	05JAN05	30SEP05	01JUL05	322		0.00	39,983.57										
141-012	WBS 13 PF/CS SPRT FDR	0			30SEP05	01JUL05	250		0.00	0.00										
Job: 1304 - WBS 13 Procure/Fab/Title III-KALISH																				
TF Coils																				
131-034	Bid & Award TF Coils	45	20OCT04*	20OCT04*	23DEC04	23DEC04	126		0.00	0.00										
131-035	TF Coils Awarded	0			14JAN05	14JAN05	117		0.00	0.00										
131-037	TF Coil Procurement [A/1]	425	17JAN05*	17JAN05*	15SEP06	15SEP06	117		0.00	1,233,928.97										
131-037A	TF Coil cost correction	241	06OCT05	06OCT05	15SEP06	15SEP06	117		0.00	81,707.61										
131-038	All TF Coils Delivered	0			15SEP06	15SEP06	117		0.00	0.00										
131-031	Title III engr	433*	13JAN05*	13JAN05*	29SEP06	29SEP06	761		0.00	130,456.04										
PF Coils																				
141-035	Bid & Award PF Coils	45	30JAN06*	30JAN06*	31MAR06	31MAR06	154		0.00	0.00										
141-036	PF Coils Awarded	0			31MAR06	31MAR06	154		0.00	0.00										
143-037	PF 4 Procurement [A/1]	155	03APR06	03APR06	08NOV06	08NOV06	158		0.00	224,756.29										
144-037	PF 5 Procurement [A/1]	155	03APR06	03APR06	08NOV06	08NOV06	158		0.00	239,130.45										
145-037	PF 6 Procurement [A/1]	155	03APR06	03APR06	08NOV06	08NOV06	158		0.00	211,469.78										
141-037	PF OH Solenoid Procurement PF1 [A/1]	205	01MAY06*	01MAY06*	26FEB07	26FEB07	134		0.00	173,241.98										
141B-037	PF OH Solenoid Procurement PF2 [A/1]	205	01MAY06*	01MAY06*	26FEB07	26FEB07	134		0.00	138,102.22										
142-037	PF OH Solenoid Procurement PF3 [A/1]	205	01MAY06*	01MAY06*	26FEB07	26FEB07	134		0.00	146,668.65										
141-031	Title III engr WBS 132	268	30JAN06*	30JAN06*	22FEB07	22FEB07	665		0.00	141,578.37										
CS Support Structure																				
163-035	Bid & Award CS Support Struct	45	21DEC05	21DEC05	01MAR06	01MAR06	132		0.00	0.00										
163-036.9	Award CS Support Structure	0			01MAR06*	01MAR06*	132		0.00	0.00										
163-037	CS Support Structure Procurement/Fab	249	02MAR06*	02MAR06*	28FEB07	28FEB07	132		0.00	195,207.78										
163-015	Title III design CS sprt struc	294	21DEC05	21DEC05	28FEB07	28FEB07	661		0.00	57,061.93										
Trim Coils																				
184-035	Bid & Award Ext Trim Coils	45	01AUG05	01AUG05	03OCT05	03OCT05	258		0.00	0.00										
184-036	Award External Trim Coils	0			03OCT05*	03OCT05*	258		0.00	0.00										
184-037	External Trim Coil Procurement/Fab	87	04OCT05	04OCT05	13FEB06	13FEB06	258		0.00	275,015.70										

Activity ID	Activity Description	Orig Dur	Target 1 Early Start	Early Start	Plan Finish	FORECAST FINISH	Total Float	PCTC	Earned value cost (BCWP)	Baseline Budget ECP6	Add'l Estimate to Complete	FY04FY05FY06FY07FY08FY09FY10													
1403-54	Final bid package(specs,models,dwgs)	13	24MAY04	25MAY04	10JUN04	11JUN04	116		0.00	20,590.40		Williamson,Lovett,Hargrove,Cole,Jones=160													
C-071	Project eval cost proposals & select vendor	40	02JUL04	06JUL04	27AUG04	30AUG04	116		0.00	0.00															
C-081	Award MCWF Mfg Contract (phase funded)	0			27AUG04	30AUG04	116		0.00	0.00															
Winding and Assembly Design-Prototype (typeC)																									
1403-100	Winding & Insulation Dwgs (8)-Prototype	123*	02JAN04A	02JAN04A	23APR04	24JUN04	135	50	2,702.50	5,404.98		Lovett= 21 ; Hargrove= 21													
1403-101	Leads & crossover Dwgs (10)-Prototype	123*	02JAN04A	02JAN04A	23APR04	24JUN04	135	50	3,345.94	6,691.88		Lovett= 26 ; Hargrove= 26													
1403-102	G-10 Filler Dwgs (24)-Prototype	123*	02JAN04A	02JAN04A	23APR04	24JUN04	135	50	8,107.48	16,214.94		Lovett= 63 ; Hargrove= 63													
1403-103	Clamp Dwgs (5)-Prototype	123*	02JAN04A	02JAN04A	23APR04	24JUN04	135	50	1,672.98	3,345.94		Lovett= 13 ; Hargrove= 13													
1403-104	Chill Plate Dwgs (66)-Prototype	38*	02JAN04A	03MAY04	23APR04	24JUN04	135		0.00	44,526.74		Lovett= 173 ; Hargrove= 173													
1403-105	Installation Dwgs (1)-Prototype	38*	02JAN04A	03MAY04	23APR04	24JUN04	135		0.00	772.14		Lovett= 3 ; Hargrove= 3													
1403-106	Cooling Schematic Dwgs (1)-Prototype	38*	02JAN04A	03MAY04	23APR04	24JUN04	135		0.00	772.14		Lovett= 3 ; Hargrove= 3													
1403-107	Electrical Schematic Dwgs (1)-Prototype	38*	02JAN04A	03MAY04	23APR04	24JUN04	135		0.00	772.14		Lovett= 3 ; Hargrove= 3													
1403-108	I&C Dwgs (1) -Prototype	38*	02JAN04A	03MAY04	23APR04	24JUN04	135		0.00	772.14		Lovett= 3 ; Hargrove= 3													
1403-60	Update design basis document	30	15MAR04	03MAY04*	23APR04	14JUN04	143		0.00	15,442.80		Williamson=120													
1403-20	PrototypeMod Coil FDR (Type C Drawings)	0			23APR04	24JUN04*	135		0.00	0.00															
1403-59	Update build-to specifications	30	26MAY04	26MAY04	08JUL04	08JUL04	211		0.00	15,442.80		Williamson=120													
1403-20.1	Mod Coil Prototype Fab Readiness Review	0			08JUL04	08JUL04*	211		0.00	0.00															
Winding and Assembly Design-Type C																									
1403-200	Winding & Insulation Dwgs (8)-Type C Updates	20	29JUL04	29JUL04*	25AUG04	25AUG04	122		0.00	1,029.52		Lovett= 4 ; Hargrove= 4													
1403-201	Leads & crossover Dwgs (10)-Type C Updates	20	29JUL04	29JUL04*	25AUG04	25AUG04	122		0.00	1,286.90		Lovett= 5 ; Hargrove= 5													
1403-202	G-10 Filler Dwgs (24)-Type C Updates	20	29JUL04	29JUL04*	25AUG04	25AUG04	122		0.00	3,088.56		Lovett= 12 ; Hargrove= 12													
1403-203	Clamp Dwgs (5)-Type C Updates	20	29JUL04	29JUL04*	25AUG04	25AUG04	122		0.00	643.45		Lovett= 3 ; Hargrove= 2													
1403-204	Chill Plate Dwgs (66)-Type C Updates	20	29JUL04	29JUL04*	25AUG04	25AUG04	122		0.00	8,493.54		Lovett= 33 ; Hargrove= 33													
1403-205	Installation Dwgs (1)-Type C Updates	20	29JUL04	29JUL04*	25AUG04	25AUG04	122		0.00	257.38		Lovett= 1 ; Hargrove= 1													
1403-206	Cooling Schematic Dwgs (1)-Type C Updates	20	29JUL04	29JUL04*	25AUG04	25AUG04	122		0.00	257.38		Lovett= 1 ; Hargrove= 1													
1403-207	Electrical Schematic Dwgs (1)-Type C Updates	20	29JUL04	29JUL04*	25AUG04	25AUG04	122		0.00	257.38		Lovett= 1 ; Hargrove= 1													
1403-208	I&C Dwgs (1) -Type C Updates	20	29JUL04	29JUL04*	25AUG04	25AUG04	122		0.00	257.38		Lovett= 1 ; Hargrove= 1													
1403-58C	Check and promote models / drawings -Type C	20	29JUL04	29JUL04*	25AUG04	25AUG04	122		0.00	17,373.15		Cole,Williamson,Lovett,Hargrove,Jones=120													
1403-61	Update cost / schedule estimates	30	15JUL04	15JUL04*	25AUG04	25AUG04	122		0.00	15,442.80		Williamson=120													
1403-62	Prepare FDR documentation / presentations	20	29JUL04	29JUL04*	25AUG04	25AUG04	122		0.00	10,295.20		Williamson=80													
1403-70	FDR-Production Type C Mod Coil Winding	0			25AUG04	20SEP04*	105		0.00	0.00															
1403-70.05	Update MIT/QA Plans for Type C Winding Fab	20	19NOV04	19NOV04*	20DEC04	20DEC04	122		0.00	2,817.40		Williamson=20													
1403-70.1	Fab Readiness Rvw - Production Type C MC	0			20DEC04	20DEC04*	122		0.00	0.00															
Winding and Assembly Design-Type A																									
1403-300	Winding & Insulation Dwgs (8)-Type A	95	14JUL04	14JUL04*	24NOV04	24NOV04	128		0.00	5,614.98		Lovett= 21 ; Hargrove= 21													
1403-301	Leads & crossover Dwgs (10)-Type A	95	14JUL04	14JUL04*	24NOV04	24NOV04	128		0.00	6,951.90		Lovett= 26 ; Hargrove= 26													
1403-302	G-10 Filler Dwgs (24)-Type A	95	14JUL04	14JUL04*	24NOV04	24NOV04	128		0.00	16,844.96		Lovett= 63 ; Hargrove= 63													
1403-303	Clamp Dwgs (5)-Type A	95	14JUL04	14JUL04*	24NOV04	24NOV04	128		0.00	3,475.94		Lovett= 13 ; Hargrove= 13													
1403-304	Chill Plate Dwgs (66)-Type A	95	14JUL04	14JUL04*	24NOV04	24NOV04	128		0.00	46,256.82		Lovett= 173 ; Hargrove= 173													
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							ECP-6 Baseline						MAY 1, 2004												
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Activity ID	Activity Description	Orig Dur	Target 1 Early Start	Early Start	Plan Finish	FORECAST FINISH	Total Float	PCTC	Earned value cost (BCWP)	Baseline Budget ECP6	Add'l Estimate to Complete	FY04 FY05 FY06 FY07 FY08 FY09 FY10							
1406-0003	Apr-Sep YTD MIE Cost PPPL	64*	01APR03A	01APR03A	30SEP03A	30SEP03A		100	831,120.00	831,120.00									
Oversight & Supervision																			
1406-000	Supervision & Oversight	180*	01OCT03A	01OCT03A	22JUN04	22JUN04	1,329	LOE	93,774.72	117,218.40	\$20,000 OT								
1406-047	Prepare R&D report	42*	23JUN04	23APR04A	16JUL04			10	0.00	0.00									
1406-048	Testing & Strain Gauge Design	20	01OCT03A	01OCT03A	31OCT03A	31OCT03A		100	24,253.50	24,253.50									
Keystone R&D																			
1406-001	Purchase 10 spools conductor (twisted	40*	03NOV03A	03NOV03A	23DEC03A	23DEC03A		100	7,644.00	7,644.00									
1406-003	Purchase 8 spools conductor (long twisted	40*	03NOV03A	03NOV03A	23DEC03A	23DEC03A		100	7,644.00	7,644.00									
1406-005	Purchase epoxy & Insulation	142*	03NOV03A	03NOV03A	27FEB04	01JUN04	147	90	5,427.96	6,370.00									
1406-010	Keystone Test for New Conductor	41*	02JAN04A	02JAN04A	13FEB04	27FEB04A		100	6,144.00	6,144.00									
1406-011	Purchase add'l copper Conductor	45*	02FEB04	01MAR04A	19MAR04	30APR04A		100	8,918.00	8,918.00									
1406-012	Repeat Keystone Test for New Conductor	10	22MAR04	03MAY04	02APR04	14MAY04	1,355		0.00	6,144.00									
Twisted Racetrack Design (Williamson)																			
1406-097	Verify Conductor Dims	3	01OCT03A	01OCT03A	03OCT03A	03OCT03A		100	2,573.80	2,573.80									
1406-098	Complete Drawings of Casting	21	13OCT03A	13OCT03A	26NOV03A	26NOV03A		100	15,442.80	15,442.80									
1406-099	Review/Approve Casting Drawings	10	26NOV03A	26NOV03A	26NOV03A	26NOV03A		100	15,442.80	15,442.80									
1406-101	Prepare Clamp & Chill Plate detail Drawings	116*	24NOV03A	24NOV03A	19MAR04	14MAY04	138	90	18,531.36	20,590.40									
1406-102	Review/Approve Clamp& Chill Plate Dwgs	10	22MAR04	03MAY04	02APR04	14MAY04	108	60	9,265.68	15,442.80									
1406-103	Twisted Racetrack FDR	0			02APR04	30APR04A			0.00	0.00									
1406-103.0	Prep MIT plan	0*		03MAY04		30APR04	128		0.00	0.00									
1406-103.1	Twisted Racetrack Fab Preparedness Review	0			16APR04	26MAY04*	110		0.00	0.00									
1406-105	Prepare ANSYS thermal analysis model	3	31OCT03A	31OCT03A	31OCT03A	31OCT03A		100	2,573.80	2,573.80									
1406-106	Analyze Thermal Behavior due to pulse	3	31OCT03A	31OCT03A	31OCT03A	31OCT03A		100	2,573.80	2,573.80									
1406-107	Calculate EM Loads due to max current	3	03NOV03A	03NOV03A	26NOV03A	26NOV03A		100	5,147.60	5,147.60									
1406-108	Prep MECHANICA Struct Analysis Model	3	03NOV03A	03NOV03A	26NOV03A	26NOV03A		100	5,147.60	5,147.60									
1406-109	Analyze Stress/deflection due to cooldown,pulse	5	03NOV03A	03NOV03A	26NOV03A	26NOV03A		100	5,147.60	5,147.60									
1406-104	Prepare Draft of Coil Test Plan	162*	01OCT03A	01OCT03A	27FEB04	26MAY04	110	75	3,860.70	5,147.60									
1406-110	Finalize, Approve coil test plan	121*	01DEC03A	01DEC03A	27FEB04	26MAY04	168	75	7,721.40	10,295.20									
Twisted Racetrack Fabrication & Winding (Chrzano)																			
1406-014	Bid, Evaluate and Award Casting to EIO or JPP	28	01DEC03A	01DEC03A	23DEC03A	23DEC03A		100	0.00	0.00									
1406-016	Procure casting from EIO (new scope)	81*	02FEB04	02FEB04A	31MAR04	24MAY04	122		102,164.58	127,387.26									
1406-016.1	Inspect & Measure Casting	10	01APR04	25MAY04	14APR04	08JUN04	122		0.00	0.00									
1406-016.5	PPPL Fabricate chill plates and clamps	30	05APR04	17MAY04	14MAY04	28JUN04	108		0.00	22,999.02									
1406-017	Wind twisted racetrack	20	17MAY04	29JUN04	14JUN04	27JUL04	108		0.00	24,576.00									
1406-018	Mold & VPI twisted racetrack	18	14JUL04	28JUL04	06AUG04	20AUG04	108		0.00	18,432.00									
1406-019	Setup coil in test stand	2	09AUG04	02SEP04	10AUG04	03SEP04	100		0.00	10,224.80									
1406-020	Begin Testing of Twisted RT in Coil test Stand	0	11AUG04	07SEP04			105		0.00	0.00									
1406-021	Perform tests	5	11AUG04	07SEP04	17AUG04	13SEP04	100		0.00	30,853.60									
1406-023	Section and Evaluate coil turns	5	18AUG04	14SEP04	24AUG04	20SEP04	100		0.00	0.00									

Activity ID	Activity Description	Orig Dur	Target 1 Early Start	Early Start	Plan Finish	FORECAST FINISH	Total Float	PCTC	Earned value cost (BCWP)	Baseline Budget ECP6	Add'l Estimate to Complete	FY04	FY05	FY06	FY07	FY08	FY09	FY10
Conductor Property Testing																		
1406-029	Fab New Specimen Molds	107*	01DEC03A	01DEC03A	25FEB04	30APR04A		100	22,992.00	22,992.00			Machinist=160; em/tb=80					
1406-029.1	Design samples	15		01MAR04A		31MAR04A		100	0.00	0.00	\$10,295		ETC=+williamson=80					
1406-030	Fab & Pot samples	90*	26JAN04A	26JAN04A	05MAR04	28MAY04	163	75	27,648.00	36,864.00	\$23,000		em/tb= 480 etc += 320hrs					
1406-031	Prep fixtures and test equipt	141*	03NOV03A	03NOV03A	16FEB04	28MAY04	173	95	65,772.30	69,234.00			Kozub=160; Jurzynski=160 Machinist=240; 41=\$ 1 k					
1406-032	Test samples	59*	17FEB04*	01MAR04A	30MAR04	20MAY04	179	75	48,024.00	64,032.00			Kozub=240; Jurzynski=240					
1406-033	Prepare Test report	15	17MAR04*	07MAY04*	06APR04	27MAY04	179		0.00	12,856.00			Chrzanowski=80					
1406-034	Mod Coil Conductor/Insulation FDR	0			13APR04*	27MAY04*	179		0.00	0.00								
"inchworm" Twisted Winding																		
1406-119	Join straight sections w/2 end loops	79*	01OCT03A	01OCT03A	30JAN04A	30JAN04A		100	31,590.00	31,590.00			welder=150; machinist=150					
1406-120	Wind Conductor	76*	30JAN04A	30JAN04A	25FEB04	14MAY04	1,355	80	14,745.60	18,432.00			em/tb=240					
1406-040	JOULE MILESTONE #2-Begin winding on 3D surface	0	30JAN04A	30JAN04A					0.00	0.00			Initiate Winding Process on a 3D Surface & assess Implications f/ Design and Fabrication. 2nd QUARTER FY04 (March 2004)					
Job: 1407 -Mod Coil Winding Facility-CHYZANOWSKI																		
FY03 Actual Cost																		
1407-001	Apr-Sep YTD MIE Cost PPPL	64*	01APR03A	01APR03A	30SEP03A	30SEP03A		100	267,550.00	267,550.00								
Oversight and Supervision																		
1407-002	Winding Facility, Tooling, Materials Oversight	186*	01OCT03A	01OCT03A	30JUN04	30JUN04	1,323	LOE	149,684.02	193,390.20			Chrzanowski= 432; Meighan=518 Rafopoulos=432					
1407-002.1	Prep Winding Facility Ops Plan(reqd for TRT	10		03MAY04		14MAY04	118	LOE	0.00	0.00								
1407-003	Winding Facility, Tooling, Design	250*	01OCT03A	01OCT03A	30SEP04	30SEP04	1,259	80	108,903.04	136,128.80	\$20,000 OT		PPPL DESIGN=1294 hrs					
Autoclave, Turning Fixture & other components																		
1407-005	Domes & cylinder Fab & Deliver (PE4226)	18	01DEC03A	01DEC03A	23DEC03A	23DEC03A		100	20,167.42	20,167.42			41=\$15,825 (PE 4226)					
1407-006.2	Blower/Elec HW- Fab & Deliver (PE 4218)	18	31OCT03A	31OCT03A	31OCT03A	31OCT03A		100	509.60	509.60			41=\$0.4k (PE 4218)					
1407-008	Remaining Autoclave components-Deliver	49	01OCT03A	01OCT03A	09MAR04	31MAR04A		100	11,466.00	11,466.00			41=\$9,000					
1407-011	Fabricate Autoclave	128*	01OCT03A	01OCT03A	08APR04	31MAR04A		100	163,036.80	163,036.80			em//sm (machinist)=288; em/tb=1728					
1407-012	Autoclave PTP	5	09APR04	03MAY04	15APR04	07MAY04	163		0.00	9,216.00			em/tb=120					
1407-013	Autoclave PTP Complete	0			15APR04	28MAY04*	153		0.00	0.00								
1407-100	Fabricate turning fixtures and coil supports	145*	01DEC03A	01DEC03A	30JUN04	30JUN04	231	70	232,960.00	305,500.00			Machinist=400; em/tb=2600; 41=\$50k					
1407-100.2	Fabr turning fixt&coil supports **2nd line**	171*	01JUL04	02FEB04A	30SEP04	30SEP04	211	65	123,298.50	179,400.00			em//sm=100,em//tb=1950.41=\$15					
1407-098	Final Dwgs for winding clamps	134*	01DEC03A	01DEC03A	27FEB04	15JUN04	1,334	50	0.00	0.00								
1407-110	Fabricate Winding clamp sets (100)	40	23MAR04*	03MAY04*	30JUN04	28JUN04	213		0.00	80,976.00			Machinist=500; em/tb=120; 41=\$15 k					
1407-110.2	Fabr Winding clamp sets (100)**2nd line**	64	01OCT04*	01OCT04*	11JAN05	11JAN05	147		0.00	40,027.50			em//sm=125,em//tb=90.41=\$15					
1407-115	Fabricate Conductor payout spool system	97	02FEB04*	01MAR04A	30JUN04	16AUG04	199	75	70,693.80	94,258.40			Machinist=144; em/tb=\$64; 41=\$ 10 k					
1407-115.2	Fabr Conduct payout spool syst ** 2nd line**	138*	01JUL04*	01APR04A	30SEP04	14OCT04	201	50	33,210.69	66,421.37			em//sm=36,em//tb=648,41=\$10					
1407-125	Fabricate VPI tanks & equipt/components	107*	01MAR04*	02FEB04A	30JUN04	30JUN04	231	10	6,389.80	63,898.00			41=\$ 17 k; em/tb=500					
1407-130	Misc tools & equipt	107*	01MAR04*	02FEB04A	30JUN04	30JUN04	231	25	12,740.00	50,960.00			41=\$ 40 k					
1407-135	Fabricate Coil support structure (2)	42*	01MAR04*	03MAY04*	30JUN04	30JUN04	231		0.00	40,388.00			em/tb= 360; 41=\$ 10 k					
Area Preparation																		
1407-200	Decon TFTR test Cell Crane	20	26NOV03A	26NOV03A	26NOV03A	26NOV03A		N/R	18,432.00	18,432.00			em/tb=240					
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									ECP-6 Baseline						MAY 1, 2004			
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Activity ID	Activity Description	Orig Dur	Target 1 Early Start	Early Start	Plan Finish	FORECAST FINISH	Total Float	PCTC	Earned value cost (BCWP)	Baseline Budget ECP6	Add'l Estimate to Complete	FY04	FY05	FY06	FY07	FY08	FY09	FY10
C-361B	Castings-B-12-2	17	25JAN06	26JAN06	16FEB06	17FEB06	116		0.00	0.00								
C-441B	Castings-B-15-3	17	21FEB06	22FEB06	15MAR06	16MAR06	116		0.00	0.00								
C-501B	Castings-B-18-3 (last MCC form delivered)	17	20MAR06	21MAR06	11APR06	12APR06	116		0.00	0.00								
C-501B1	Last MCWF Delivered	0			11APR06	12APR06	116		0.00	0.00								
Job: 1421 - Type C Winding/VPI																		
Labor																		
171-040	Winding Oversight (LOE)	442	07DEC04*	07DEC04*	14SEP06	14SEP06	772		0.00	635,298.88								
171-041	Modular Coil Winding (18 coils) (see detail sch)	386*	20JAN05	14FEB05	08AUG06	24AUG06	105		0.00	3,140,678.96								
171-041CT	PBR Increment for cold testing	348*	15MAR05	07APR05	08AUG06	24AUG06	105		0.00	430,524.18								
Period 1																		
P1-001	Prep casting C-1-1 (station 1)	12	04JAN05	05JAN05	19JAN05	20JAN05	121		0.00	0.00								
P1-011	Wind coil C-1-1 (station 2)	38	20JAN05*	14FEB05*	14MAR05	06APR05	105		0.00	0.00								
P1-021	VPI,Test & Ship C-1-1 (1st MCC fabr) (sta 4/5/6)	34	15MAR05	07APR05	29APR05	24MAY05	150		0.00	0.00								
P1-021.1	Complete First Mod Coil Fabrication	0			29APR05	24MAY05	332		0.00	0.00								
P1-091	Prep casting C-4-1 (station 1)	12	24JAN05	25JAN05	08FEB05	09FEB05	126		0.00	0.00								
P1-101	Wind coil C-4-1 (station 3)	37	16FEB05*	11MAR05*	07APR05	02MAY05	105		0.00	0.00								
P1-111	VPI, Test & Ship C-4-1 (station 4/5/6)	34	08APR05	03MAY05	25MAY05	20JUN05	147		0.00	0.00								
Period 2																		
P2-001	Receive casting C7-2	12	21FEB05	22FEB05	08MAR05	09MAR05	128		0.00	0.00								
P2-011	Wind coil BA-7-2 (station 2)	37	15MAR05	07APR05	04MAY05	27MAY05	108		0.00	0.00								
P2-021	VPI,Test & Ship C-7-2 (station 4/5/6)	34	05MAY05	31MAY05	22JUN05	18JUL05	143		0.00	0.00								
P2-091	Receive casting C-10-2	12	21MAR05	22MAR05	05APR05	06APR05	123		0.00	0.00								
P2-101	Wind coil C-10-2 (station 3)	37	08APR05	03MAY05	31MAY05	23JUN05	105		0.00	0.00								
P2-111	VPI,Test & Ship C-10-2 (station 4/5/6)	34	01JUN05	24JUN05	19JUL05	11AUG05	140		0.00	0.00								
Period 3																		
P3-001	Receive casting C-13-3	12	18APR05	19APR05	03MAY05	04MAY05	125		0.00	0.00								
P3-011	Wind coil C-13-3 (station 2)	37	05MAY05	31MAY05	27JUN05	21JUL05	108		0.00	0.00								
P3-021	VPI,test & ship C-13-3 (station 4/5/6)	34	28JUN05	22JUL05	15AUG05	08SEP05	136		0.00	0.00								
P3-091	Receive casting C-16-3	12	16MAY05	17MAY05	01JUN05	02JUN05	120		0.00	0.00								
P3-101	Wind coil C-16-3 (station 3)	37	02JUN05	24JUN05	25JUL05	16AUG05	105		0.00	0.00								
P3-111	VPI,test & ship C-16-3 (station 4/5/6)	34	26JUL05	17AUG05	12SEP05	04OCT05	133		0.00	0.00								
Job: 1422 - Type A Winding/VPI																		
Period 1																		
P1-031	Receive casting A-2-1	12	14JUN05	15JUN05	29JUN05	30JUN05	122		0.00	0.00								
P1-041	Wind coil A-2-1 (station 2)	37	30JUN05	22JUL05	22AUG05	13SEP05	108		0.00	0.00								
P1-051	VPI, Test & Ship A-2-1 (station 4/5/6)	34	23AUG05	14SEP05	10OCT05	31OCT05	129		0.00	0.00								
P1-121	Receive casting A-5-1	12	11JUL05	12JUL05	26JUL05	27JUL05	119		0.00	0.00								
P1-131	Wind coil A-5-1 (station 3)	37	27JUL05	17AUG05	16SEP05	07OCT05	105		0.00	0.00								
P1-141	VPI,Test & Ship A-5-1 (station 4/5/6)	34	19SEP05	10OCT05	03NOV05	28NOV05	126		0.00	0.00								
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Activity ID	Activity Description	Orig Dur	Target 1 Early Start	Early Start	Plan Finish	FORECAST FINISH	Total Float	PCTC	Earned value cost (BCWP)	Baseline Budget ECP6	Add'l Estimate to Complete	FY04	FY05	FY06	FY07	FY08	FY09	FY10			
Period 2																					
P2-031	Receive casting A-8-2	12	05AUG05	08AUG05	22AUG05	23AUG05	122		0.00	0.00											
P2-041	Wind coil A-8-2 (station 2)	37	23AUG05	14SEP05	13OCT05	03NOV05	108		0.00	0.00											
P2-051	VPI,Test & Ship A-8-2 (station 4/5/6)	34	14OCT05	04NOV05	02DEC05	23DEC05	122		0.00	0.00											
P2-121	Receive casting A-11-2	12	01SEP05	02SEP05	19SEP05	20SEP05	118		0.00	0.00											
P2-131	Wind coil A-11-2 (station 3)	37	20SEP05	10OCT05	09NOV05	01DEC05	105		0.00	0.00											
P2-141	VPI, test & Ship A-11-2 (station 4/5/6)	34	10NOV05	02DEC05	06JAN06	26JAN06	119		0.00	0.00											
Period 3																					
P3-031	Receive casting A-14-3	12	29SEP05	30SEP05	14OCT05	17OCT05	121		0.00	0.00											
P3-041	Wind coil A-14-3 (station 2)	37	17OCT05	04NOV05	08DEC05	05JAN06	108		0.00	0.00											
P3-051	VPI,Test & ship A-14-3 (station 4/5/6)	34	09DEC05	06JAN06	02FEB06	22FEB06	115		0.00	0.00											
P3-121	Receive casting A-17-3	12	26OCT05	27OCT05	10NOV05	11NOV05	117		0.00	0.00											
P3-131	Wind coil A-17-3 (station 3)	37	11NOV05	02DEC05	12JAN06	31JAN06	105		0.00	0.00											
P3-141	VPI,Test & ship A-17-3 (station 4/5/6)	34	13JAN06	01FEB06	01MAR06	20MAR06	112		0.00	0.00											
Job: 1423 - Type B Winding/VPI																					
Period 1																					
P1-061	Receive casting B-3-1	12	22NOV05	23NOV05	09DEC05	12DEC05	120		0.00	0.00											
P1-071	Wind coil B-3-1 (station 2)	37	12DEC05	06JAN06	08FEB06	27FEB06	108		0.00	0.00											
P1-081	VPI,Test & Ship B-3-1 (station 4/5/6)	34	09FEB06	28FEB06	28MAR06	14APR06	108		0.00	0.00											
P1-151	Receive casting B-6-1	12	21DEC05	22DEC05	13JAN06	16JAN06	116		0.00	0.00											
P1-161	Wind coil B-6-1 (station 3)	37	16JAN06	01FEB06	07MAR06	23MAR06	105		0.00	0.00											
P1-171	VPI,Test & Ship B-6-1 (station 4/5/6)	34	08MAR06	24MAR06	24APR06	10MAY06	105		0.00	0.00											
Period 2																					
P2-061	Receive casting B-9-2	12	25JAN06	26JAN06	09FEB06	10FEB06	119		0.00	0.00											
P2-071	Wind coil B-9-2 (station 2)	37	10FEB06	28FEB06	03APR06	19APR06	108		0.00	0.00											
P2-081	VPI,Test & Ship B-9-2 (station 4/5/6)	34	04APR06	20APR06	19MAY06	07JUN06	108		0.00	0.00											
P2-151	Receive casting B-12-2	12	17FEB06	20FEB06	06MAR06	07MAR06	117		0.00	0.00											
P2-161	Wind coil B-12-2 (station 3)	37	08MAR06	24MAR06	27APR06	15MAY06	105		0.00	0.00											
P2-171	VPI,Test & Ship B-12-2 (station 4/5/6)	34	28APR06	16MAY06	15JUN06	03JUL06	105		0.00	0.00											
Period 3																					
P3-061	Receive casting B-15-3	12	16MAR06	17MAR06	31MAR06	03APR06	120		0.00	0.00											
P3-071	Wind coil B-15-3 (station 2)	37	04APR06	20APR06	24MAY06	12JUN06	108		0.00	0.00											
P3-081	VPI,Test & ship B-15-3 (station 4/5/6)	34	25MAY06	13JUN06	13JUL06	31JUL06	108		0.00	0.00											
P3-151	Receive casting B-18-3	12	12APR06	13APR06	27APR06	28APR06	116		0.00	0.00											
P3-161	Wind coil B-18-3 (station 3)	37	28APR06	16MAY06	20JUN06	07JUL06	105		0.00	0.00											
P3-171	Apply Mold, VPI ,Test & ship B-18-3 (last mcc)	34	21JUN06	10JUL06	08AUG06	24AUG06	105		0.00	0.00											
Job: 1431 - Modular Coil Local I&C																					
174-001	Title I design WBS 143 Mod coil local I&C	30	03OCT05*	03OCT05*	11NOV05	11NOV05	316		0.00	14,027.29											

Activity ID	Activity Description	Orig Dur	Target 1 Early Start	Early Start	Plan Finish	FORECAST FINISH	Total Float	PCTC	Earned value cost (BCWP)	Baseline Budget ECP6	Add'l Estimate to Complete	FY04	FY05	FY06	FY07	FY08	FY09	FY10		
151-002	Cryostat & Base Support Struct PDR	0			22SEP04	22SEP04	171		0.00	0.00										
161-001	Title I design WBS 172 base support struct	122*	03MAY04*	01APR04A	22SEP04	22SEP04	171	20	10,101.40	50,507.00										
171 - Cryostat																				
151-011	Title II design WBS 171 cryostat shell & struct	243*	01OCT04*	01OCT04*	22SEP05	22SEP05	171		0.00	226,216.90										
151-012	WBS 17 FDR	0			22SEP05	22SEP05	171		0.00	0.00										
151-031	Title III engr	318	15DEC05	15DEC05	28MAR07	28MAR07	641		0.00	30,815.05										
151-036.8	Prep Spec, Solicit bids, and Select Vendor	65	15DEC05*	15DEC05*	23MAR06	23MAR06	124		0.00	0.00										
151-036.9	Award Cryostat Procurement	0			23MAR06	23MAR06	124		0.00	0.00										
151-037	Cryostat Procurement [A/1]	249	24MAR06	24MAR06	22MAR07	22MAR07	124		0.00	479,215.43										
172 - Base Support Structure																				
161-011	Title II design WBS 172 base support struct	249	23SEP04	23SEP04	22SEP05	22SEP05	171		0.00	54,706.46										
161-031	Title III engr WBS 172	150	01DEC05	01DEC05	10JUL06	10JUL06	819		0.00	46,651.32										
161-036.8	Prep Spec, Solicit bids, and Select Vendor	65	01DEC05*	01DEC05*	09MAR06	09MAR06	124		0.00	0.00										
161-036.9	Award Machine Base&supports Procurement	0			09MAR06	09MAR06	124		0.00	0.00										
161-037	Machine Base&supports Procurement [A/1]	90	10MAR06	10MAR06	17JUL06	17JUL06	124		0.00	286,302.65										
18 - Field Period Assembly																				
Job: 1801-Field Period Assly -CHRZANOWSKI (ORNL)																				
FY03 Actual Cost																				
1801-001	Apr-Sept MIE Costs PPPL	42	01APR03A	01APR03A	30SEP03A	30SEP03A		100	7,750.00	7,750.00										
1801-002	Apr-Sept MIE Costs ORNL	42	01APR03A	01APR03A	30SEP03A	30SEP03A		100	53,050.00	53,050.00										
Job: 1802 - FP Assy Oversight&Support-VIOLA																				
Oversight and Supervision																				
181.100	PPPL EM LOE FY04	242*	13OCT03A	13OCT03A	30SEP04	30SEP04	1,259	LOE	43,806.49	77,947.50										
181.200	HP Coverage in the TFTR TC LOE FY04	171*	02FEB04*	02FEB04A	30SEP04	30SEP04	1,259	LOE	43,821.60	115,320.00										
181.201	D-Site Shift Supervisor LOE FY04	106*	02FEB04*	03MAY04*	30SEP04	30SEP04	1,259		0.00	25,920.40										
181.110	PPPL EM LOE FY05	249*	01OCT04*	01OCT04*	30SEP05	30SEP05	1,010		0.00	146,784.00										
181.210	HP Coverage in the TFTR TC LOE FY05	249*	01OCT04*	01OCT04*	30SEP05	30SEP05	1,010		0.00	128,440.00										
181.310	ORNL EM LOE FY05	249*	01OCT04*	01OCT04*	30SEP05	30SEP05	1,010		0.00	119,316.89										
181.120	PPPL EM LOE FY06	250*	03OCT05*	03OCT05*	02OCT06	02OCT06	760		0.00	451,299.93										
181.220	HP Coverage in the TFTR TC LOE FY06	250*	03OCT05*	03OCT05*	02OCT06	02OCT06	760		0.00	130,690.04										
181.320	ORNL EM LOE FY06	250*	03OCT05*	03OCT05*	02OCT06	02OCT06	760		0.00	122,771.80										
Job: 1803- FP Assy Tooling/Constructability-COLE																				
Tooling Design & Fabrication																				
713A.010	Design Tooling	106*	02FEB04	03MAY04	30SEP04	30SEP04	268	LOE	0.00	324,951.05										
713A.010A	FP Assy Tooling Rqmnts&Constructability Peer	0			30MAR04*	31MAR04A			0.00	0.00										
713.010B	Tooling & Constructability FDR	0			30SEP04	30SEP04	268		0.00	0.00										
713A.032	Fabricate-TF Coil sub-assy frame/manipulator	195	18MAR05*	18MAR05*	22DEC05	22DEC05	210		0.00	10,366.40										
713A.030	Fabricate-VV supporting fixture (3)	195	20APR05*	20APR05*	01FEB06	01FEB06	134		0.00	97,300.00										
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TF Coil Sub-assembly																		
722.010	Receive/Inspect TF & PF Coils	249*	03OCT05*	03OCT05*	29SEP06	29SEP06	761		0.00	77,365.60								
184-100	Assemble 3 TF coils&structure -Right -Period #1	10	17FEB06	20FEB06	02MAR06	03MAR06	175		0.00	34,504.00								
184-105	Assemble 3 TF coils&structure -Left -Period #1	10	03MAR06	06MAR06	16MAR06	17MAR06	175		0.00	34,504.00								
184-110	Assemble 3 TF coils&structure -Right -Period #2	10	17MAR06	20MAR06	30MAR06	31MAR06	192		0.00	34,504.00								
184-115	Assemble 3 TF coils&structure -Left -Period #2	10	26APR06	26APR06	09MAY06	09MAY06	175		0.00	34,504.00								
184-120	Assemble 3 TF coils&structure -Right -Period #3	10	21JUL06	21JUL06	03AUG06	03AUG06	142		0.00	34,504.00								
184-125	Assemble 3 TF coils&structure -Left -Period #3	10	18SEP06	18SEP06	29SEP06	29SEP06	112		0.00	34,504.00								
Job:1810 - Field Period Assembly																		
Period 1																		
721.010	Area preparations	90	03OCT05*	03OCT05*	15FEB06	15FEB06	124		0.00	92,942.40								
725.001	Assemble Field Period #1 (summary task)	92*	28APR06	15MAY06	07SEP06	22SEP06	136		0.00	290,396.00								
P1-180	Rec'v VV,Attach cng tubes &Insul to 1st Period	39	06MAR06	06MAR06	27APR06	27APR06	112		0.00	95,908.80								
P1-180.9	Begin Assembly of First Field Period	0	28APR06	15MAY06			105		0.00	0.00								
P1-181	Assemble 1st. Field Period - coils/VV	37	28APR06	15MAY06	20JUN06	06JUL06	105		0.00	0.00								
P1-191	Position and weld port assemblies	15	21JUN06	07JUL06	12JUL06	27JUL06	136		0.00	0.00								
P1-201	Bakeout vessel segment to 150 degrees C	6	13JUL06	28JUL06	20JUL06	04AUG06	136		0.00	0.00								
P1-211	vacuum leak check &Ext Trim coil instl	25	21JUL06	07AUG06	24AUG06	11SEP06	136		0.00	0.00								
P1-221	Prepare field period for shipment	5	25AUG06	12SEP06	31AUG06	18SEP06	136		0.00	0.00								
P1-231	Ship 1st. Field period	3	01SEP06	19SEP06	06SEP06	21SEP06	136		0.00	0.00								
P1-241	Field period 1 ready for installation	1	07SEP06	22SEP06	07SEP06	22SEP06	136		0.00	0.00								
Period 2																		
725.101	Assemble Field Period #2 (summary task)	91*	23JUN06	07JUL06	31OCT06	13NOV06	120		0.00	298,033.85								
P2-180	Rec'v VV,Attach cng tubes &Insul to 2nd Period	39	28APR06	28APR06	22JUN06	22JUN06	112		0.00	95,908.80								
P2-181	Assemble 2nd. Field Period- coils/ VV	37	23JUN06	07JUL06	15AUG06	28AUG06	105		0.00	0.00								
P2-191	Position and weld port assemblies	15	16AUG06	29AUG06	06SEP06	19SEP06	120		0.00	0.00								
P2-201	Bakeout vessel segment to 150 degrees C	6	07SEP06	20SEP06	14SEP06	27SEP06	120		0.00	0.00								
P2-211	vacuum leak check &Ext Trim coil instl	25	15SEP06	28SEP06	19OCT06	01NOV06	120		0.00	0.00								
P2-221	Prepare field period for shipment	5	20OCT06	02NOV06	26OCT06	08NOV06	120		0.00	0.00								
P2-231	Ship 2nd. Field period	3	27OCT06	09NOV06	31OCT06	13NOV06	120		0.00	0.00								
P2-241	Field Period 2 ready for installation	1	01NOV06	14NOV06	01NOV06	14NOV06	120		0.00	0.00								
Period 3																		
725.201	Assemble Field Period #3 (summary task)	90*	18AUG06	29AUG06	03JAN07	12JAN07	105		0.00	307,087.04								
P3-180	Rec'v VV,Attach cng tubes &Insul to 3rd Period	39	23JUN06*	23JUN06*	17AUG06	17AUG06	112		0.00	95,908.80								
P3-181	Assemble 3rd. Field Period - coils/ VV	37	18AUG06	29AUG06	10OCT06	19OCT06	105		0.00	0.00								
P3-191	Position and weld port assemblies	15	11OCT06	20OCT06	31OCT06	09NOV06	105		0.00	0.00								
P3-201	Bakeout vessel segment to 150 degrees C	5	01NOV06	10NOV06	07NOV06	16NOV06	105		0.00	0.00								
P3-211	vacuum leak check &Ext Trim coil instl	25	08NOV06	17NOV06	14DEC06	02JAN07	105		0.00	0.00								
P3-221	Prepare field period for shipment	5	15DEC06	03JAN07	21DEC06	09JAN07	105		0.00	0.00								
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P3-231	Ship 3rd. Field Period	3	22DEC06	10JAN07	03JAN07	12JAN07	105		0.00	0.00																			
P3-241	3rd. Period ready for installation	1	04JAN07	15JAN07	04JAN07	15JAN07	105		0.00	0.00																			
P3-241.1	Last Field Period Assembled	0			04JAN07	15JAN07	105		0.00	0.00																			
P1-180A	cd-4 350c increment	109	06MAR06	06MAR06	07AUG06	07AUG06	799		0.00	38,544.00																			
19 - Stellarator Core Management and Integration																													
Job: 1901 - Stellarator Core Mngtt&Integr-NELSON																													
FY03 Actual Cost																													
1901-002	Apr-Sept MIE Costs ORNL	248	01APR03A	01APR03A	30SEP03A	30SEP03A		100	187,090.00	187,090.00																			
1901-003	Apr-Sept MIE Costs PPPL	248	01APR03A	01APR03A	30SEP03A	30SEP03A		100	67,070.00	67,070.00																			
191 - Stellarator Core Management & Oversight																													
191-4	LOE-FY04 WBS 191-4 Management Activities	250*	01OCT03A	01OCT03A	30SEP04	30SEP04	1,259	LOE	83,923.11	145,699.85																			
0191-5	LOE-FY05 WBS 191	249*	01OCT04*	01OCT04*	30SEP05	30SEP05	1,010	LOE	0.00	197,596.67																			
0191-6	LOE-FY06 WBS 191	250*	03OCT05*	03OCT05*	02OCT06	02OCT06	526	LOE	0.00	190,877.89																			
0191-6X	LOE-FY07 WBS 191	234	03OCT06*	03OCT06*	10SEP07	10SEP07	526	LOE	0.00	199,716.12																			
0191-91	LOE-FY06 WBS 191 1 mo SO	22	01OCT07*	01OCT07*	30OCT07	30OCT07	346	LOE	0.00	20,250.00																			
0191-92	LOE-FY06 WBS 191 1 mo SO	21	31OCT07*	31OCT07*	28NOV07	28NOV07	346	LOE	0.00	20,250.00																			
0191-93	LOE-FY06 WBS 191 1 mo SO	15	03DEC07*	03DEC07*	21DEC07	21DEC07	346	LOE	0.00	20,250.00																			
0191-94	LOE-FY06 WBS 191 1 mo SO	22	01JAN08*	01JAN08*	30JAN08	30JAN08	346	LOE	0.00	20,250.00																			
0191-95	LOE-FY06 WBS 191 1 mo SO	22	31JAN08*	31JAN08*	29FEB08	29FEB08	346	LOE	0.00	20,250.00																			
0191-96	LOE-FY06 WBS 191 1 mo SO	22	03MAR08*	03MAR08*	01APR08	01APR08	346	LOE	0.00	20,250.00																			
0191-97	LOE-FY06 WBS 191 1 mo SO	21	02APR08*	02APR08*	30APR08	30APR08	346	LOE	0.00	20,250.00																			
0191-98	LOE-FY06 WBS 191 1 mo SO	21	01MAY08*	01MAY08*	30MAY08	30MAY08	346	LOE	0.00	20,250.00																			
192 - Stellarator Core Integration & Analysis																													
192-4	LOE-FY05 WBS 192-4 Design Integration	250*	01OCT03A	01OCT03A	30SEP04	30SEP04	1,259	LOE	136,718.26	237,358.09																			
192-4.1	Self consistent models/dwgs f/ Mod Coil & VV	0			14APR04*	30APR04*	130	100	0.00	0.00																			
192-4.2	Self consistent models/dwgs Conv Coils&sprt	0			01JUN04*	30SEP04*	128		0.00	0.00																			
192-4.4	Stellarator Core Assy dwgs & assy sequence	0			30SEP04*	30SEP04*	1,259		0.00	0.00																			
192-5	LOE-FY05 WBS 192-5 VV & Coil Services Integr	186*	01OCT03A	01OCT03A	30JUN04	30JUN04	1,323	LOE	28,387.73	36,676.65																			
192-5.1	IVV Helium Line Models	0			01APR04*	30SEP04*	1,259		0.00	0.00																			
192-5.2	Mod Coil LN2 Lines Layouts	0			01APR04*	30SEP04*	1,259		0.00	0.00																			
192-5.3	Mod Coil Leads Layouts	0			01APR04*	30SEP04*	1,259		0.00	0.00																			
192-5.4	PF Coil Leads & Services Layouts	0			15JUN04*	30SEP04*	1,259		0.00	0.00																			
192-5.5	TF Coil leads & Services Layouts	0			15JUN04*	30SEP04*	1,259		0.00	0.00																			
192-5.6	External Trim Coil Leads /services Layouts	0			15JUN04*	30SEP04*	1,259		0.00	0.00																			
192-6	LOE-FY05 WBS 192-6 Integrated Analysis	250*	01OCT03A	01OCT03A	30SEP04	30SEP04	1,259	LOE	25,362.32	44,031.80																			
192-6.01	Document coil tolerance and trim coil	58*	08MAR04*	01MAR04A	19APR04	19MAY04	170	85	16,391.40	19,284.00																			
192-6.011	Coil winding center determination Increase	53*	08MAR04*	01APR04A	19APR04	15JUN04	172	20	0.00	0.00	\$20,000																		
192-6.02	Check critical coil tolerance calculations.	55*	20APR04	01APR04A	17MAY04	17JUN04	170	50	5,147.60	10,295.20																			
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Activity ID	Activity Description	Orig Dur	Target 1 Early Start	Early Start	Plan Finish	FORECAST FINISH	Total Float	PCTC	Earned value cost (BCWP)	Baseline Budget ECP6	Add'l Estimate to Complete																																																																																				
192-6.03	Method for determining current center	85*	02FEB04*	01FEB04A	08MAR04	28MAY04	115	20	5,147.60	25,738.00		Hirshman=100, Strickler=100																																																																																			
192-6.04	Calc impact omisalignments on mutual	30	09MAR04	01JUN04	19APR04	13JUL04	115		0.00	25,738.00		Hirshman=80, Strickler=120																																																																																			
192-6.05	Determine reqd process for assly tolerances	38*	20APR04	14JUL04	12JUL04	03SEP04	115		0.00	30,885.60		ORNL engr=240																																																																																			
192-6.06	Coil positions to minimize islands.	76*	13JUL04	02FEB04A	08OCT04	17MAY04	1,378	75	46,328.40	61,771.20		Hirshman=180, Strickler=300																																																																																			
192-6.07	Time constant calcs using SPARK	33*	19APR04*	01APR04A	03MAY04	17MAY04	119	75	4,821.00	6,428.00		Brooks=40																																																																																			
192-6.08	Indep check time constant calcs using	20	17MAY04*	17MAY04*	14JUN04	14JUN04	1,359		0.00	10,295.20		Strickler=80																																																																																			
192-6.09	Revised VV geometry	6	02FEB04*	02FEB04A	09FEB04	27FEB04A		100	3,214.00	3,214.00		Brooks=20																																																																																			
192-6.10	MC interf during assly, geometry, assly trajecto	31	02FEB04*	02FEB04A	15MAR04	27FEB04A		100	34,073.60	34,073.60		Brooks=120, Brown=60, ORNL engr=40																																																																																			
192-6.11	Range of motion reqts for Assly MC fixture.	20	03MAY04*	02FEB04A	28MAY04	27FEB04A		100	18,003.60	18,003.60		Brooks=80, Cole=40																																																																																			
192-6.12	Final Check & Verification	6	31MAR04*	03MAY04*	07APR04	10MAY04	198		0.00	3,856.80		Brooks=24																																																																																			
192-6.5	Stellarator Core Assy Design criteria	0			02FEB04*	30APR04*	1,365		0.00	0.00																																																																																					
192-6.2	Final Mod Coil Trajectories	0			01MAR04*	27FEB04A			0.00	0.00																																																																																					
192-6.6	Stellarator Core Materials Database	0			01MAR04*	30APR04*	1,365		0.00	0.00		Brooks																																																																																			
192-6.3	Best fit for mod coil assy on winding	0			30SEP04*	30SEP04*	1,259		0.00	0.00																																																																																					
0192-5	LOE-FY05 WBS 192	249*	01OCT04*	01OCT04*	30SEP05	30SEP05	1,010	LOE	0.00	514,578.55		Brooks=962; Cole 2260=2060; ornlm&s=\$29.95 ;35= 5 k																																																																																			
0192-6	LOE-FY06 WBS 192	250	03OCT05*	03OCT05*	02OCT06	02OCT06	518	LOE	0.00	165,946.13		Cole=1184-292=892 ornlm&s=\$29.95 ;35= 5 k																																																																																			
0192-6X	LOE-FY06 WBS 192	242	03OCT06*	03OCT06*	20SEP07	20SEP07	518	LOE	0.00	135,038.20		Cole=872+291-563=600 ornlm&s=\$29.95 ;35= 5 k																																																																																			
0192-91	LOE-F1 mo SO	22	01OCT07*	01OCT07*	30OCT07	30OCT07	338	LOE	0.00	16,018.04		COLE=100; ornl35=.5																																																																																			
0192-92	LOE-F1 mo SO	22	31OCT07*	31OCT07*	03DEC07	03DEC07	338	LOE	0.00	16,018.04		COLE=100; ornl35=.5																																																																																			
0192-93	LOE-F1 mo SO	22	04DEC07*	04DEC07*	10JAN08	10JAN08	338	LOE	0.00	16,018.04		COLE=100; ornl35=.5																																																																																			
0192-94	LOE-F1 mo SO	22	11JAN08*	11JAN08*	11FEB08	11FEB08	338	LOE	0.00	16,018.04		COLE=100; ornl35=.5																																																																																			
0192-95	LOE-F1 mo SO	22	12FEB08*	12FEB08*	12MAR08	12MAR08	338	LOE	0.00	16,018.04		COLE=100; ornl35=.5																																																																																			
0192-96	LOE-F1 mo SO	22	13MAR08*	13MAR08*	11APR08	11APR08	338	LOE	0.00	16,018.04		COLE=100; ornl35=.5																																																																																			
0192-97	LOE-F1 mo SO	21	14APR08*	14APR08*	12MAY08	12MAY08	338	LOE	0.00	16,018.04		COLE=100; ornl35=.5																																																																																			
0192-98	LOE-F1 mo SO	21	13MAY08*	13MAY08*	11JUN08	11JUN08	338	LOE	0.00	16,018.04		COLE=100; ornl35=.5																																																																																			
21 - Fueling Systems																																																																																															
21-10	Eng. Work Planning and Design	65	03OCT05*	03OCT05*	05JAN06	05JAN06	238		0.00	13,512.00		Blanchard =80hr ;																																																																																			
21-15	Design Gas Handling Hardware	65	06JAN06	06JAN06	06APR06	06APR06	238		0.00	6,606.00		EM//SM =60hr ;																																																																																			
21-20	Design PLC Controls	65	06JAN06*	06JAN06*	06APR06	06APR06	238		0.00	17,968.00		EE//SM =160hr ;																																																																																			
21-25	Electrical Drafting for pumping system	65	06JAN06*	06JAN06*	06APR06	06APR06	238		0.00	13,200.00		EA//DM =120hr ;																																																																																			
21-30	Drafting	65	06JAN06*	06JAN06*	06APR06	06APR06	238		0.00	8,800.00		EA//DM =80hr ;																																																																																			
21-35	Eng. Work Planning and Design during fab	65	02OCT06*	02OCT06*	04JAN07	04JAN07	114		0.00	3,638.00		Blanchard =20hr ;																																																																																			
21-40	Fabrication/Install Hardware	65	02OCT06*	02OCT06*	04JAN07	04JAN07	114		0.00	7,116.00		EM//SM =60hr ;																																																																																			
21-45	Fabrication/installation	65	02OCT06*	02OCT06*	04JAN07	04JAN07	114		0.00	53,477.20		EM//SM =150hr ; EM//TB =200hr ; 41=14\$;																																																																																			
21-55	Install PLC Controls	65	02OCT06*	02OCT06*	04JAN07	04JAN07	114		0.00	9,672.00		EE//SM =80hr ;																																																																																			
21-60	Integrated Systems Testing/Eng	65	02OCT06*	02OCT06*	04JAN07	04JAN07	114		0.00	3,638.00		Blanchard =20hr ;																																																																																			
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Activity ID	Activity Description	Orig Dur	Target 1 Early Start	Early Start	Plan Finish	FORECAST FINISH	Total Float	PCTC	Earned value cost (BCWP)	Baseline Budget ECP6	Add'l Estimate to Complete	FY04	FY05	FY06	FY07	FY08	FY09	FY10		
310-030	Design & FabMagnetic integrators	94	22NOV05*	22NOV05*	12APR06	12APR06	127		0.00	36,491.65										
36 - Edge and Divertor Diagnostics																				
361-001	Design Visible Camera sys	130	03OCT05*	03OCT05*	12APR06	12APR06	208		0.00	11,096.00										
361-015	Fab/Assy/Installation Visible Camera	130	28AUG06*	28AUG06*	08MAR07	08MAR07	113		0.00	88,191.41										
38 - Electron Beam (EB) Mapping																				
380-010	Designe-Beam Probe,Fluor. Screen	88	03OCT05*	03OCT05*	13FEB06	13FEB06	278		0.00	42,118.00										
380-015	Fab & Install Beam probe	102	06OCT06	29SEP06	08MAR07	01MAR07	118		0.00	249,832.31										
39 - Diagnostics Integration																				
Job: 3901 - Diagnostics sys Integration-JOHNSON																				
FY03 Actual Cost																				
390-001	LOE Support FY03	151*	01APR03A	01APR03A	30SEP03A	30SEP03A		100	155,450.00	155,450.00										
390-100	Finalize VV ports (number,size,locations)	0			30JAN04*	30APR04*	1,365	90	0.00	0.00										
390-110	Resolve port interferences.Final port config	0			30JAN04*	30APR04*	1,365		0.00	0.00										
390-120	Update port map&revise diag port assignments	0			01MAR04*	30APR04*	1,365	30	0.00	0.00										
390-130	Rvw status of existing ICD's w/VV & Mod Coils	0			30JAN04*	30APR04*	1,365	100	0.00	0.00										
390-140	Write ICD's-Define external space for diagnostic	0			01MAR04*	30APR04*	1,365		0.00	0.00										
390-150	Write ICD's-Define space f/tracks in cntrl rm	0			01MAR04*	30APR04*	1,365		0.00	0.00										
390-160	Start recruiting diag team at HTPD conference	0			30APR04*	30APR04*	1,365		0.00	0.00										
390-170	Develop space envelopes for SXR	0			30JAN04*	30APR04*	1,365		0.00	0.00										
390-180	Hold CDR's co-wound mag sensors&ext saddle	0			30SEP04*	30SEP04*	1,259		0.00	0.00										
390-010	LOE Support FY04	250*	01OCT03A	01OCT03A	30SEP04	30SEP04	1,259	LOE	44,941.54	78,023.50										
390-015	LOE Support FY05	249*	01OCT04*	01OCT04*	30SEP05	30SEP05	1,010		0.00	183,996.90										
390-020	LOE Support FY06	249*	03OCT05*	03OCT05*	29SEP06	29SEP06	761		0.00	187,148.40										
390-025	LOE Support FY07	122*	02OCT06*	02OCT06*	30MAR07	30MAR07	469		0.00	99,039.11										
390-901	LOE Support FY07 1mo SO	22	02APR07	02APR07	01MAY07	01MAY07	469		0.00	17,760.40										
390-902	LOE Support FY07 1mo SO	22	02MAY07	02MAY07	01JUN07	01JUN07	469		0.00	17,760.40										
390-903	LOE Support FY07 1mo SO	21	04JUN07	04JUN07	02JUL07	02JUL07	469		0.00	17,760.40										
390-904	LOE Support FY07 1mo SO	21	03JUL07	03JUL07	01AUG07	01AUG07	469		0.00	17,760.40										
390-905	LOE Support FY07 1mo SO	21	02AUG07	02AUG07	30AUG07	30AUG07	469		0.00	17,760.40										
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Activity ID	Activity Description	Orig Dur	Target 1 Early Start	Early Start	Plan Finish	FORECAST FINISH	Total Float	PCTC	Earned value cost (BCWP)	Baseline Budget ECP6	Add'l Estimate to Complete	FY04	FY05	FY06	FY07	FY08	FY09	FY10			
433-4-6	NSTX TF Power Supply changes-Install	180	28SEP05*	28SEP05*	19JUN06	19JUN06	118		0.00	7,010.04					EE//EM =16hr ; EE//SM =40hr ;						
433-4-8	NSTX TF Power Supply changes-Commission	143	20JUN06	20JUN06	18JAN07	18JAN07	118		0.00	3,556.68					EE//EM =08hr ; EE//SM =08hr ; EE//TB =16hr ;						
44 - Control and protection Systems																					
Job: 4401 - Control & Protection-RAMAKRISHNAN																					
441 - Electrical Interlocks																					
441-1-2	C-site-Dsn	345*	01OCT04*	01OCT04*	23FEB06	23FEB06	114		0.00	120,616.10					VANKIRK =480hr ; Raki =440hr ;						
441-1-4	C-site-Procure	149	30SEP05*	30SEP05*	08MAY06	08MAY06	300		0.00	26,046.06					41=20\$;						
441-1-6	C-site-Install	238	24FEB06*	24FEB06*	07FEB07	07FEB07	114		0.00	161,027.72					EE//EM =264hr ; EE//SM =320hr ; EE//TB =1,000hr ;						
441-2-2	D-site-Dsn	345*	01OCT04*	01OCT04*	23FEB06	23FEB06	120		0.00	65,417.43					VANKIRK =224hr ; Raki =264hr ;						
441-2-4	D-site-Procure	192	03OCT05*	03OCT05*	11JUL06	11JUL06	176		0.00	18,217.80					41=14\$;						
441-2-6	D-site-Install	192	24FEB06*	24FEB06*	27NOV06	27NOV06	120		0.00	77,399.95					EE//EM =120hr ; EE//SM =200hr ; EE//TB =440hr ;						
441-2-8	D-site-Commission	123	31JUL06*	31JUL06*	30JAN07	30JAN07	120		0.00	35,951.61					EE//EM =80hr ; EE//SM =80hr ; EE//TB =160hr ;						
441-3-2	D-to-C-site-Dsn	80	03OCT05*	03OCT05*	01FEB06	01FEB06	128		0.00	25,800.00					EA//DM =120hr ; EE//EM =80hr ;						
441-3-4	D-to-C-site-Procure	186*	07OCT05*	07OCT05*	07JUL06	07JUL06	178		0.00	6,525.00					41=05\$;						
441-3-6	D-to-C-site-Install	200	02FEB06*	02FEB06*	13NOV06	13NOV06	128		0.00	23,744.24					EE//EM =40hr ; EE//SM =40hr ; EE//TB =160hr ;						
441-3-8	D-to-C-site-Commission	123	19JUL06*	19JUL06*	18JAN07	18JAN07	128		0.00	17,889.95					EE//EM =40hr ; EE//SM =40hr ; EE//TB =80hr ;						
442 - Kirk Key Interlocks																					
442-1-2	Kirk Keys-Dsn	41	03OCT05*	03OCT05*	30NOV05	30NOV05	289		0.00	32,100.00					EA//DM =120hr ; EE//EM =120hr ;						
442-1-4	Kirk Keys-Procure	185	24OCT05*	24OCT05*	21JUL06	21JUL06	130		0.00	13,050.00					41=10\$;						
442-1-6	Kirk Keys-Install	68	24JUL06*	24JUL06*	26OCT06	26OCT06	130		0.00	31,103.17					EE//EM =24hr ; EE//SM =40hr ; EE//TB =280hr ;						
442-1-8	Kirk Keys-Commission	62	27SEP06*	27SEP06*	02JAN07	02JAN07	130		0.00	21,784.32					EE//EM =40hr ; EE//SM =40hr ; EE//TB =120hr ;						
443 - Real Time Control Systems																					
443-1-2	Develop Control Algorithms-Dsn	142	21APR06*	21APR06*	09NOV06	09NOV06	130		0.00	38,397.97					EE//EM =240hr ;						
444 - Instrument Systems																					
444-1-2	DC Current Transducers (DCCTs)-Dsn	124	13OCT05*	13OCT05*	14APR06	14APR06	126		0.00	15,100.00					EA//DM =80hr ; EE//EM =40hr ;						
444-1-4	DC Current Transducers (DCCTs)-Procure	164	05DEC05*	05DEC05*	01AUG06	01AUG06	191		0.00	46,980.00					41=36\$;						
444-1-6	DC Current Transducers (DCCTs)-Install	160	17APR06*	17APR06*	01DEC06	01DEC06	126		0.00	35,115.07					EE//EM =32hr ; EE//SM =64hr ; EE//TB =280hr ;						
444-1-8	DC Current Transducers (DCCTs)-Commission	143	08JUN06*	08JUN06*	08JAN07	08JAN07	126		0.00	16,521.62					EE//EM =24hr ; EE//SM =24hr ; EE//TB =120hr ;						
444-2-2	DC Potential Transducers (DCPTs)-Dsn	95	07OCT05*	07OCT05*	28FEB06	28FEB06	119		0.00	30,200.00					EA//DM =160hr ; EE//EM =80hr ;						
444-2-4	DC Potential Transducers (DCPTs)-Procure	207	30SEP05*	30SEP05*	31JUL06	31JUL06	192		0.00	15,659.25					41=12\$;						
444-2-6	DC Potential Transducers (DCPTs)-Install	200	01MAR06*	01MAR06*	12DEC06	12DEC06	119		0.00	33,603.00					EE//EM =40hr ; EE//SM =40hr ; EE//TB =280hr ;						
444-2-8	DC Potential Transducers (DCPTs)-Commission	120	21JUL06*	21JUL06*	17JAN07	17JAN07	119		0.00	16,697.40					EE//EM =24hr ; EE//SM =24hr ; EE//TB =120hr ;						
444-3-2	DC Shunts-Dsn	122*	01OCT04*	01OCT04*	01APR05	01APR05	415		0.00	14,844.00					VANKIRK =80hr ; Raki =40hr ;						
444-3-4	DC Shunts-Procure	224	29SEP05*	29SEP05*	22AUG06	22AUG06	176		0.00	41,756.29					41=32\$;						
444-3-6	DC Shunts-Install	130	20MAR06*	20MAR06*	20SEP06	20SEP06	176		0.00	34,403.20					EE//EM =32hr ; EE//SM =64hr ; EE//TB =280hr ;						
444-3-8	DC Shunts-Commission	65	21SEP06*	21SEP06*	22DEC06	22DEC06	131		0.00	17,077.81					EE//EM =24hr ; EE//SM =24hr ; EE//TB =120hr ;						
444-4-2	Signal Conditioning & Cabling-Dsn	99	23SEP05*	23SEP05*	20FEB06	20FEB06	195		0.00	52,846.67					EA//DM =80hr ; EE//EM =280hr ;						
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444-4-4	Signal Conditioning & Cabling-Procure	188	13OCT05*	13OCT05*	17JUL06	17JUL06	135		0.00	11,745.00									
444-4-6	Signal Conditioning & Cabling-Install	130	16MAY06*	16MAY06*	16NOV06	16NOV06	135		0.00	29,050.34									
444-4-8	Signal Conditioning & Cabling-Commission	65	15SEP06*	15SEP06*	18DEC06	18DEC06	135		0.00	21,559.32									
445 - Coil Protection Systems																			
445-1-2	Ground Fault Protection-Dsn	142	01OCT04*	01OCT04*	29APR05	29APR05	282		0.00	21,040.00									
445-1-4	Ground Fault Protection-Procure	187	24NOV04*	24NOV04*	26AUG05	26AUG05	199		0.00	3,876.00									
445-1-6	Ground Fault Protection-Install	223	05OCT05*	05OCT05*	25AUG06	25AUG06	173		0.00	18,137.60									
445-1-8	Ground Fault Protection-Commission	65	05OCT06*	05OCT06*	15JAN07	15JAN07	121		0.00	12,028.80									
445-2-0	Overload Protection & Cabling-Prelim Dsn	131*	01MAR04*	01MAR04A	01SEP04	01SEP04	1,279	5	4,464.36	89,287.20									
445-2-1	Overload Protection & Cabling-Peer Review	0	02SEP04	02SEP04	01SEP04	01SEP04	1,279		0.00	0.00									
445-2-2	Overload Protection & Cabling-FinalDsn	65	05OCT05*	05OCT05*	13JAN06	13JAN06	120		0.00	37,740.00									
445-2-4	Overload Protection & Cabling-Procure	136	30SEP05*	30SEP05*	19APR06	19APR06	173		0.00	36,537.32									
445-2-6	Overload Protection & Cabling-Install	186	16JAN06*	16JAN06*	05OCT06	05OCT06	120		0.00	40,522.14									
445-2-8	Overload Protection & Cabling-Commission	65	09OCT06	09OCT06	17JAN07	17JAN07	119		0.00	24,268.80									
446 - Ground Fault Monitoing System																			
446-1-2	GFMS-Dsn	190	03OCT05*	03OCT05*	07JUL06	07JUL06	208		0.00	34,652.50									
446-1-4	GFMS-Procure/Fab/Install	130	02OCT06*	02OCT06*	11APR07	11APR07	149		0.00	132,370.40									
45 - Power System Design and Integration																			
Job: 4501 - Power Sys Dsn & Integr-RAMAKRISHNAN																			
FY03 Actual Cost																			
4501-001	Apr-Sept MIE Cost	43*	01APR03A	01APR03A	30SEP03A	30SEP03A		100	112,340.00	112,340.00									
451 - System Design & Interfaces																			
4501-100	Design Drawings	171*	02FEB04*	02FEB04A	30SEP04	30SEP04	1,259	12	8,379.84	69,832.00									
4501-110	Calculations-Dsn	65*	02FEB04*	01MAR04A	31MAR04	28MAY04	1,345	5	644.88	12,897.60									
451-0-1	C-Site Decision	0	02FEB04	30APR04A	30JAN04*	30APR04A		100	0.00	0.00									
451-0-2	Develop SRD	21	02FEB04*	03MAY04*	01MAR04	01JUN04	1,344		0.00	0.00									
451-1-2	Calculations-Dsn	498*	01OCT04*	01OCT04*	29SEP06	29SEP06	761		0.00	37,488.00									
451-2-2	PDR Power system -Dsn	42*	01APR04*	03MAY04*	30APR04	30JUN04	545		0.00	10,236.00									
451-2-2.1	FDR Power system -Dsn	65	01OCT04*	01OCT04*	12JAN05	12JAN05	1,194		0.00	10,520.00									
451-2-20	PDR Electr Power system	0			30APR04	30JUN04	556		0.00	0.00									
451-3-2	Drawings,changes,asbuilts -Elect Dsn	756*	01OCT04*	01OCT04*	11OCT07	11OCT07	503		0.00	275,076.00									
451-4-2	FDR AC auxiliaries & grounding-Dsn	45	03OCT05*	03OCT05*	06DEC05	06DEC05	965		0.00	10,700.00									
451-6-2	FDR C-Site -Dsn	45	01OCT04*	01OCT04*	06DEC04	06DEC04	1,214		0.00	21,040.00									
451-7-2	FDR DC transmission-Dsn	15*	03MAY04*	03MAY04*	28MAY04	21MAY04	532		0.00	10,236.00									
451-7-20	FDR DC transmission	0			28MAY04	21MAY04	542		0.00	0.00									
451-8-2	FDR D-Site -Dsn	45	01OCT04*	01OCT04*	06DEC04	06DEC04	1,214		0.00	21,040.00									
452 - Electrical Systems Support																			
452-1-2	Diagnostics AC Power Distr-Dsn	108*	11AUG05*	11AUG05*	20JAN06	20JAN06	139		0.00	16,505.06									
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Activity ID	Activity Description	Orig Dur	Target 1 Early Start	Early Start	Plan Finish	FORECAST FINISH	Total Float	PCTC	Earned value cost (BCWP)	Baseline Budget ECP6	Add'l Estimate to Complete	FY04FY05FY06FY07FY08FY09FY10							
452-1-4	Diagnostics AC Power Distr-Procure	248	05OCT05*	05OCT05*	02OCT06	02OCT06	178		0.00	1,305.19									
452-1-6	Diagnostics AC Power Distr-Install	217	23JAN06	23JAN06	28NOV06	28NOV06	139		0.00	14,659.67									
452-1-8	Diagnostics AC Power Distr-Commission	65	23OCT06*	23OCT06*	31JAN07	31JAN07	139		0.00	6,021.60									
452-2-2	Diagnostics sensor cabling-Dsn	97*	11AUG05*	11AUG05*	05JAN06	05JAN06	237		0.00	23,748.58									
452-2-4	Diagnostics sensor cabling-Procure	240	05OCT05*	05OCT05*	20SEP06	20SEP06	186		0.00	2,610.00									
452-2-6	Diagnostics sensor cabling-Install	130	30MAY06*	30MAY06*	01DEC06	01DEC06	136		0.00	20,556.31									
452-2-8	Diagnostics sensor cabling-Commission	65	26OCT06*	26OCT06*	05FEB07	05FEB07	136		0.00	6,021.60									
453 - System Testing (PTP's)																			
453-1-2	New Procedures	90	06OCT05*	06OCT05*	20FEB06	20FEB06	215		0.00	68,000.00									
453-1-4	Preop Testing-Procure test equipt	160	10JUL06*	10JUL06*	01MAR07	01MAR07	118		0.00	33,366.72									
453-1-8	Testing PTPs, ISTPs	100	09OCT06*	09OCT06*	07MAR07	07MAR07	114		0.00	90,618.40									
46 - FCPC Building Modifications																			
Job: 4601 - FCPC Bldg Mods-RAMAKRISHNAN																			
FY03 Actual Cost																			
4601-001	Apr-Sept MIE Cost	43*	01APR03A	01APR03A	30SEP03A	30SEP03A		100	1,300.00	1,300.00									
4601-100	Clear area in West wing SPS to HVAC equipt	42*	01APR04*	03MAY04*	30JUN04	30JUN04	1,323		0.00	24,226.00									
460-2-4	Clear the small Vacuum prep lab -Procure	65	01OCT04*	01OCT04*	12JAN05	12JAN05	1,129		0.00	646.00									
460-2-6	Clear the small Vacuum prep lab -Install	65	13JAN05	13JAN05	13APR05	13APR05	1,129		0.00	12,464.00									
460-3-2	Floor & Wall Penetrations-Dsn	65	01OCT04*	01OCT04*	12JAN05	12JAN05	392		0.00	2,968.80									
460-3-4	Floor & Wall Penetrations-Procure	65	13JAN05	13JAN05	13APR05	13APR05	392		0.00	11,628.00									
460-3-6	Floor & Wall Penetrations-Install	65	14APR05	14APR05	15JUL05	15JUL05	392		0.00	11,730.40									
460-4-2	Mechanical Modifications-Dsn	65	01APR05*	01APR05*	01JUL05	01JUL05	271		0.00	4,208.00									
460-4-4	Mechanical Modifications-Procure	65	05JUL05	05JUL05	04OCT05	04OCT05	271		0.00	2,584.80									
460-4-6	Mechanical Modifications-Install	65	05OCT05	05OCT05	13JAN06	13JAN06	271		0.00	6,858.40									
51 - TCP/IP Infrastructure Systems																			
Job: 5801 -Central I&C Integr & Oversight-OLIARO																			
51-00	FY03	250*		01APR03A		30SEP03A		LOE	11,900.00	11,900.00									
51-01	FY04 LOE support	250*	01OCT03A	01OCT03A	30SEP04	30SEP04	1,259	LOE	7,202.53	12,504.40									
51-02	FY05 LOE support	249*	01OCT04*	01OCT04*	30SEP05	30SEP05	1,010		0.00	12,848.40									
51-10	Preliminary Design (Title I)	45	21AUG06*	21AUG06*	23OCT06	23OCT06	123		0.00	6,246.40									
51-20	Final Network Design (Title II)	20	24OCT06	24OCT06	20NOV06	20NOV06	123		0.00	6,548.00									
51-30	Installation, Testing, Documentation (Title III)	120	21NOV06*	21NOV06*	17MAY07	17MAY07	123		0.00	390,879.60									
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								ECP-6 Baseline								MAY 1, 2004			
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Activity ID	Activity Description	Orig Dur	Target 1 Early Start	Early Start	Plan Finish	FORECAST FINISH	Total Float	PCTC	Earned value cost (BCWP)	Baseline Budget ECP6	Add'l Estimate to Complete	FY04	FY05	FY06	FY07	FY08	FY09	FY10			
52 - Central Instrumentation & Control																					
52-10	Preliminary Design (Title I)	45	06MAR06*	06MAR06*	05MAY06	05MAY06	121		0.00	24,320.00											
52-20	Final Design (Title II)	87	08MAY06	08MAY06	08SEP06	08SEP06	121		0.00	97,280.00											
52-30	Installation, Testing, Documentation (Title III)	173	11SEP06*	11SEP06*	21MAY07	21MAY07	121		0.00	456,439.69											
53 - Data Acquisition & Facility Computing																					
53-10	Preliminary Design (Title I)	45	08MAR06*	08MAR06*	09MAY06	09MAY06	119		0.00	48,640.00											
53-20	Final Design (Title II)	87	10MAY06	10MAY06	12SEP06	12SEP06	119		0.00	72,960.00											
53-30	Coding, Configuration, Testing (Title III)	173	13SEP06*	13SEP06*	23MAY07	23MAY07	119		0.00	286,217.26											
54 - Facility Timing & Synchronization																					
54-10	Preliminary Design (Title I)	45	01JUN06*	01JUN06*	03AUG06	03AUG06	119		0.00	36,480.00											
54-20	Final Design (Title II)	65	04AUG06	04AUG06	03NOV06	03NOV06	119		0.00	56,340.00											
54-30	Installation, Testing, Documentation (Title III)	135	06NOV06	06NOV06	23MAY07	23MAY07	119		0.00	259,211.60											
55 - Real Time Plasma & Power Supply Control Sys																					
55-10	Preliminary Design (Title I)	45	01AUG06*	01AUG06*	03OCT06	03OCT06	137		0.00	12,201.60											
55-20	Final Design (Title II)	20	04OCT06	04OCT06	31OCT06	31OCT06	137		0.00	13,096.00											
55-30	Installation, Testing, Documentation (Title III)	120	10NOV06	10NOV06	08MAY07	08MAY07	130		0.00	267,982.40											
56 - Central Safety Interlock Systems																					
56-10	Preliminary Design (Title I)	87	15MAY06*	15MAY06*	15SEP06	15SEP06	136		0.00	24,320.00											
56-20	Final Design (Title II)	45	18SEP06	18SEP06	17NOV06	17NOV06	136		0.00	25,776.00											
56-30	Installation, Testing, Documentation (Title III)	108	20NOV06	20NOV06	30APR07	30APR07	136		0.00	349,830.00											
57 - Control Room Facility																					
57-10	Preliminary Design (Title I)	45	01SEP06*	01SEP06*	03NOV06	03NOV06	147		0.00	12,680.00											
57-20	Final Design (Title II)	20	06NOV06	06NOV06	05DEC06	05DEC06	147		0.00	13,096.00											
57-30	Installation, Testing, Documentation (Title III)	87	06DEC06	06DEC06	13APR07	13APR07	147		0.00	93,938.00											

Activity ID	Activity Description	Orig Dur	Target 1 Early Start	Early Start	Plan Finish	FORECAST FINISH	Total Float	PCTC	Earned value cost (BCWP)	Baseline Budget ECP6	Add'l Estimate to Complete	FY04	FY05	FY06	FY07	FY08	FY09	FY10
74 - Machine Assembly Planning and Oversight																		
Job: 7401 - TC Prep & Mach Assy Planning-PERRY																		
FY03 Actual Cost																		
7401-001	Apr-Sept MIE Cost PPPL	66	01APR03A	01APR03A	30SEP03A	30SEP03A		100	131,680.00	131,680.00								
Oversight and Supervision																		
711A.020	LOE FY04	256*	01OCT03A	01OCT03A	30SEP04	30SEP04	1,283	LOE	87,838.18	149,894.50								
Project Scope																		
714.010	LOE FY05	249	01OCT04*	01OCT04*	30SEP05	30SEP05	522		0.00	236,807.20								
714.020	LOE FY06 prior to assy starting	122	03OCT05	03OCT05	31MAR06	31MAR06	522		0.00	118,111.86								
714.030	LOE FY07 thru first plasma	366	03APR06	03APR06	14SEP07	14SEP07	522		0.00	542,474.94								
714.031	WBS 7 mgt stretch out cost	180*	11SEP07*	11SEP07*	30MAY08	30MAY08	346		0.00	287,396.72								
FED/Infrastructure Support (non Project cost)																		
613.010	Remove Shield Walls ** GPP **	43*	02FEB04*	01APR04A	01JUN04	01JUN04	1,368		0.00	0.00								
613.015	Fabricate New Bottom Course of Blocks **GPP**	160*	15MAR04*	01APR04A	15JUL04	15NOV04	1,251		0.00	0.00								
613.017	Install New Bottom Course **GPP**	107*	02AUG04*	02AUG04*	04JAN05	04JAN05	1,219		0.00	0.00								
613.020	Remove south PLT shielding (cc 7230)	31*	12JAN04A	03MAY04	15JUN04	15JUN04	1,358		0.00	0.00								
613.025	Dispose of old south PLT shielding **GPP**	44*	15JUN04*	15JUN04*	16AUG04	16AUG04	1,315		0.00	0.00								
EXFAC003	Clear PBX control room & Safe PBX (cc7230)	110*	27JAN03A	27JAN03A	30JUN03A	30JUN03A		100	0.00	0.00								
EXFAC004	Remove Fire protection PLT wall (cc7230)	21	01MAY03A	01MAY03A	09MAY03A	09MAY03A		100	0.00	0.00								
EXFAC005	Remove Fire Protection under platform (cc7230)	21	01APR03A	01APR03A	30APR03A	30APR03A		100	0.00	0.00								
EXFAC006	Remove Fire Protection Control rm	21	01MAY03A	01MAY03A	09MAY03A	09MAY03A		100	0.00	0.00								
EXFAC007	Remove PBX Base Plates cc7230)	48*	01MAR04*	25FEB04A	30APR04	12MAR04A		100	0.00	0.00								
GPP001	GPP-Upgarde C-Site central chilled wtr	1	01OCT02A	01OCT02A	01OCT02A	01OCT02A			0.00	0.00								
GPP004	GPP-Roofing Design	128*	02FEB04*	01APR04A	30SEP04	30SEP04	1,259		0.00	0.00								
GPP004.1	GPP-Roofing Install	43*	01OCT04*	02AUG04*	30SEP05	30SEP04	1,259		0.00	0.00								
GPP005	GPP-Test Cell lighting Design	64*	01APR04*	01APR04A	30JUN04	30JUN04	1,259		0.00	0.00								
GPP005.1	GPP-Test Cell lighting Install	64	01JUL04	01JUL04	30SEP04	30SEP04	1,259		0.00	0.00								
GPP006	GPP-Test Cell HVAC/dew point control Design	120	01OCT04*	01OCT04*	30MAR05	30MAR05	1,011		0.00	0.00								
GPP006.1	GPP-Test Cell HVAC/dew point control Install	128	31MAR05	31MAR05	29SEP05	29SEP05	1,011		0.00	0.00								
GPP007	GPP-C-Site elevators Design	42*	02FEB04*	03MAY04*	29APR04	30JUN04	1,259		0.00	0.00								
GPP007.1	GPP-C-Site elevators Install	64*	30APR04	01JUL04	30JUL04	30SEP04	1,259		0.00	0.00								
GPP008	GPP-Fire suppression high bay design	64	01APR04*	03MAY04*	30JUN04	02AUG04	1,237		0.00	0.00								
GPP008.1	GPP-Fire suppression high bay install	64	01JUL04	03AUG04	30SEP04	01NOV04	1,237		0.00	0.00								
GPP009	Control Room Lights & Outlets design	121*	01OCT04*	01OCT04*	31MAR05	31MAR05	1,010		0.00	0.00								
GPP009.1	Control Room Lights & Outlets install	64	01APR05	01APR05	30JUN05	30JUN05	1,010		0.00	0.00								
GPP010	Control Room HVAC Design	121*	01OCT04*	01OCT04*	31MAR05	31MAR05	1,010		0.00	0.00								
GPP010.1	Control Room HVAC Install	64	01APR05	01APR05	30JUN05	30JUN05	1,010		0.00	0.00								
GPP011	Control Room Ceiling Design	64	01APR05*	01APR05*	30JUN05	30JUN05	1,010		0.00	0.00								
GPP011.1	Control Room Ceiling Install	64	01JUL05	01JUL05	30SEP05	30SEP05	1,010		0.00	0.00								
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