

Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	FY				
											FY08	FY09	FY10	FY11	
cc 9450 - NCSX Fabrication (MIE)															
12 - Vacuum Vessel Systems															
Job: 1204 - VV Sys Procurements (nonVVSA)-DUDEK															
VV Vertical Supports															
124-037	PPPL Fab VV Vert. Sprts (log # M1091) (complet	197		01OCT07	16JUL08	01MAY07A	1,052		0.00	0.00					
VV Personnel Access Port & Lateral sprts															
124-110	Issue req,Bid & Award VV NB port cover	25		01OCT09*	04NOV09	04NOV09	81		0.00	0.00					
124-120	Award VV NB port cover	0			04NOV09*	04NOV09*	81		0.00	0.00					
124-130	VV NB port cover Fabrication	40		05NOV09	13JAN10	13JAN10	81		0.00	83,786.32					41=58.51\$k ;
VV Local I&C															
1204-101	Drawings Signed -Local I&C	0			01MAY07A	01MAY07*	100		0.00	0.00					
1204-105	Issue req,Bid & Award -Local I&C	25		02MAY07A	06JUN07A	06JUN07	100		0.00	0.00					
1204-109	Award -Local I&C	0			06JUN07A	06JUN07	100		0.00	0.00					
1204-113	Deliver -Local I&C	40		07JUN07A	29JUN07A	02AUG07	100		34,400.96	34,400.96					41=27\$K ;
Thermal Insulation															
123-040	Issue req,Bid & Award insul boots	25		26FEB08	31MAR08	31MAR08	76		0.00	0.00					
123-045	Award Insulation Boots	0			31MAR08*	31MAR08*	76		0.00	0.00					
123-050	Fabricate& Deliver Insul Boots	130		01APR08	02OCT08	02OCT08	76		0.00	72,997.33					41=56\$K ;
122-035	Issue req,Bid & Award Port Thermal Insulation	25		27FEB08	01APR08	01APR08	115		0.00	0.00					
122-041	Award Port Thermal Insulation	0			01APR08*	01APR08*	115		0.00	0.00					
122-051	Deliver Port Thermal Insulation	40		02APR08	28MAY08	28MAY08	115		0.00	32,700.00					41=25\$K ;
122-030	Issue req,Bid & Award Pourable Insulation	25		27AUG09	01OCT09	01OCT09	176		0.00	0.00					
122-036.9	Award Pourable Insulation	0			01OCT09*	01OCT09*	176		0.00	0.00					
122-037	Deliver Pourable Insulation	40		02OCT09	30NOV09	30NOV09	176		0.00	114,560.00					41=80\$K ;
Heater Tape for Port Stub															
1204-121	Drawings Signed Heater Tape for port stubs	0			31JUL07A	04SEP07*	100		0.00	0.00					
1204-125	Issue req,Bid & Award -Heater Tape for port stub	11*		01OCT07	15OCT07	09OCT07	136		0.00	0.00					
1204-129	Award Heater Tape for port stubs	0			15OCT07	09OCT07	136		0.00	0.00					
1204-130	Deliver Heater Tape for port stubs	40		16OCT07	12DEC07	06DEC07	136		0.00	20,143.20					41=15\$K ;
T/C and Heater Tape Leads															
1204-145	Issue req,Bid & Award-T/C and Heater Tape Leads	25		01MAY07A	01JUN07A	03OCT07	100		0.00	0.00					
1204-149	Award T/C and Heater Tape Leads	0			01JUN07A	03OCT07	100		0.00	0.00					
1204-153	Deliver T/C and Heater Tape Leads PE007375	126*		04JUN07A	28SEP07A	28NOV07	100		36,047.00	36,047.00					41=28.25\$K ;

Run Date 09OCT07 08:33

█ Forecast
█ zProposed Baseline
█ Progress Bar
█ Critical Activity

0709

NCSX Project
 SEPTEMBER Status
 against proposed baseline

Sheet 1 of 51

Sorted by WBS, and Job

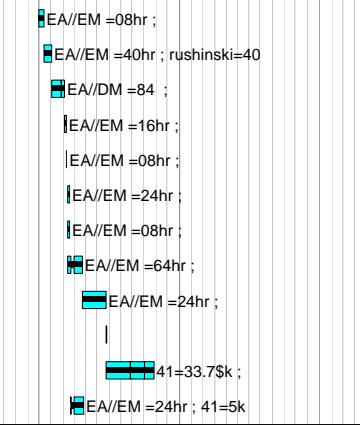
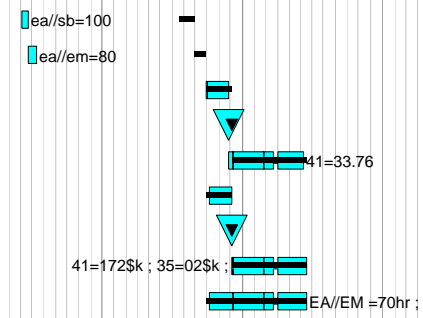
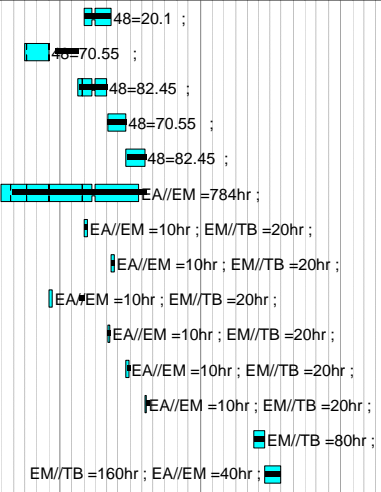
Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	Fiscal Year				
											FY08	FY09	FY10	FY11	
Flux loop junction boxes and spacer templates															
1204-173M	Material Delivery (desifn/fab in job 3101)	35		01JUN07A	29JUN07A	08AUG07		100	12,275.12	12,275.12	-9.62				
Job: 1250 - Vacuum Vessel Fabrication**CLOSED**															
99.07W	Scrap value of Kirksite dies (minimum sale price	22*		01MAY07A	31MAY07A	31MAY07A		100	-161,694.72	-161,694.72					
99.08W	Retroactive mxh exclusion adjustment	22*		01JUL07A	31JUL07A	31AUG07A		100	-90,000.00	-90,000.00					
13 - Conventional Coils															
Job: 1361 - TF Fabrication-KALISH															
TF Title III and Fabrication Oversight															
131-033	Title III engr	348*		01MAY07A	18SEP08	18SEP08	332	LOE	99,191.29	212,758.02					
TF Fabrication Contract															
1361C-101	Fab, Test & Deliver Coil #1	51*		01JUN07A	13AUG07A	20JUL07		100	27,210.00	27,210.00	48=27 ;				
1361C-102	Fab, Test & Deliver Coil #2	61*		01JUN07A	27AUG07A	03AUG07		100	43,590.00	43,590.00	48=44 ;				
1361C-103	Fab, Test & Deliver Coil #3	68*		02JUL07A	05OCT07	31AUG07	355	95	44,849.50	47,210.00	48=47 ;				
1361C-104	Fab, Test & Deliver Coil #4	57*		01AUG07A	19OCT07A	28SEP07		100	47,210.00	47,210.00	48=47 ;				
1361C-104M	** DELIVER TF COILS FOR FPA #1 ASSY **	0			05OCT07	28SEP07	355		0.00	0.00					
1361C-105	Fab, Test & Deliver Coil #5	62*		01AUG07A	26OCT07	26OCT07	422	70	33,047.00	47,210.00	48=47 ;				
1361C-106	Fab, Test & Deliver Coil #6	1*		23NOV07*	23NOV07	23NOV07	402	20	9,442.00	47,210.00	48=47 ;				
1361C-107	Fab, Test & Deliver Coil #7	1		21DEC07*	21DEC07	21DEC07	393		0.00	47,210.00	48=47 ;				
1361C-108	Fab, Test & Deliver Coil #8	1		18JAN08*	18JAN08	18JAN08	380		0.00	47,210.00	48=47 ;				
1361C-109	Fab, Test & Deliver Coil #9	1		12FEB08*	12FEB08	12FEB08	374		0.00	47,210.00	48=47 ;				
1361C-110	Fab, Test & Deliver Coil #10	1		06MAR08*	06MAR08	06MAR08	357		0.00	47,210.00	48=47 ;				
1361C-111	Fab, Test & Deliver Coil #11	1		31MAR08*	31MAR08	31MAR08	348		0.00	47,210.00	48=47 ;				
1361C-112	Fab, Test & Deliver Coil #12	1		23APR08*	23APR08	23APR08	331		0.00	47,210.00	48=47 ;				
1361C-113	Fab, Test & Deliver Coil #13	1		16MAY08*	16MAY08	16MAY08	418		0.00	47,210.00	48=47 ;				
1361C-114	Fab, Test & Deliver Coil #14	1		10JUN08*	10JUN08	10JUN08	402		0.00	47,210.00	48=47 ;				
1361C-115	Fab, Test & Deliver Coil #15	1		03JUL08*	03JUL08	03JUL08	385		0.00	47,220.00	48=47 ;				
1361C-116	Fab, Test & Deliver Coil #16	1		28JUL08*	28JUL08	28JUL08	369		0.00	47,220.00	48=47 ;				
1361C-117	Fab, Test & Deliver Coil #17	1		20AUG08*	20AUG08	20AUG08	352		0.00	47,220.00	48=47 ;				
1361C-118	Fab, Test & Deliver Coil #18	1		12SEP08*	12SEP08	12SEP08	336		0.00	47,220.00	48=47 ;				
1351-195X	ALL TF COILS DELIVERED	0			18SEP08	18SEP08	332		0.00	0.00					
FY07 Rebaseline Exercise															
ECP53RBX03	FY07 Rebaseline exercise	22*		01MAY07A	31MAY07A	31MAY07A		100	1,393.84	1,393.84					
99.07X	Retroactive MHX exclusion	22*		01MAY07A	31MAY07A	31MAY07A		100	-38,281.20	-38,281.20					

EA/EM=1060hr ; 35=05\$K ; 41=8 em/tb=68

 LEVEL II MILESTONE DATE
 DECEMBER 2007

Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	FY			
											FY08	FY09	FY10	FY11
Job: 1302 - PF Design -KALISH														
FY07 Rebaseline Exercise														
ECP53RBX02	FY07 Rebaseline exercise	22*		01MAY07A	31MAY07A	31MAY07A			4,529.98	4,529.98				
1302-200	Complete PF Coil SRD	6		01OCT07*	11OCT07	28AUG07	72	50	2,173.78	4,347.55	EA/EM =24hr ;			
1302-205	Update PF Analysis	44*		06AUG07A	05OCT07	24OCT07	87	40	11,234.58	28,086.44	EA/EM =160hr ;			
1302-210	Update PF Coil SDD	40		12SEP07A	16NOV07	21DEC07	87	50	2,187.29	4,374.58	EA/EM =24hr ;			
1302-211	Complete PF4 PDR Model	54*		30JUL07A	12OCT07	26SEP07	85	90	12,698.29	14,109.21	EA/EM =00hr ; EA/DM =80 ;			
1302-212	Complete PF5 PDR Model	48*		07AUG07A	12OCT07	24OCT07	85	90	12,717.51	14,130.57	EA/EM =00hr ; EA/DM =80 ;			
1302-213	Complete PF6 PDR Model	48*		07AUG07A	12OCT07	21NOV07	85	90	12,717.51	14,130.57	EA/EM =00hr ; EA/DM =80 ;			
1302-251	PDR Level Design Support	15		07AUG07A	25OCT07	23NOV07	1,230	20	2,119.59	10,597.93	EA/EM =60hr ;			
1302-220	Prepare for PDR	4		15OCT07	18OCT07	07DEC07	85		0.00	16,346.88	EA/EM =52hr ; EA/DM =36 ;			
1302-225	PF Coils - PDR	1	R	19OCT07	19OCT07	11DEC07	85		0.00	2,972.16	EA/EM =16hr ;			
1302-240	Disposition PDR Chits	6		22OCT07	29OCT07	17JAN08	85		0.00	4,458.24	EA/EM =24hr ;			
1302-214	Prepare,Review & Approve conductor spec	16		30OCT07	20NOV07	29JAN08	85		0.00	2,972.16	EA/EM =16hr ; EA/SB =00hr ;			
1302-216	Prepare,Review & Approve coil spec	16		30OCT07	20NOV07	26FEB08	95		0.00	8,916.48	EA/EM =48hr ; EA/SB =00hr ;			
1302-235	Detail Drawings PF4	41		12OCT07	11DEC07	17JAN08	72		0.00	14,860.80	EA/DM =80 ;			
1302-245	Detail Drawings PF5	41		12OCT07	11DEC07	14FEB08	72		0.00	14,860.80	EA/DM =80 ;			
1302-260	Detail Drawings PF6	41		12OCT07	11DEC07	13MAR08	72		0.00	14,860.80	EA/DM =80 ;			
1302-250	Analysis Support	41		12OCT07	11DEC07	13MAR08	72		0.00	13,003.20	EA/EM =70hr ;			
1302-217	Drawing Support	41		12OCT07	11DEC07	13MAR08	72		0.00	11,145.60	EA/EM =60hr ; EA/SB =00hr ;			
1302-218	PF Stress Analysis with leads	20		19OCT07*	15NOV07	31JAN08	88		0.00	22,291.20	EA/EM =120hr ; EA/SB =00hr ;			
1302-265	Prepare for FDR	10		12DEC07	03JAN08	20MAR08	72		0.00	16,346.88	EA/EM =52hr ; EA/DM =36 ;			
1302-270	PF Coils - FDR	0	R		03JAN08	24MAR08	72		0.00	0.00	EA/EM =16hr ;			
1302-275	Resolve FDR Chits	10		04JAN08	17JAN08	21APR08	177		0.00	14,860.80	EA/EM =80hr ;			
Job: 1352 - PF Coil Procurement-KALISH														
PF Coil Fabrication														
141-035	Bid & Award PF Coil Fabrication	45		04JAN08	06MAR08	27MAY08	72		0.00	35,811.60	EA/EM =160hr ; 35=05\$K ;			
141-036	PF Coils Awarded	0			06MAR08	27MAY08	72		0.00	0.00				
141-037	Bid & Award Conductor	25		28MAR08	01MAY08	27MAY08	102		0.00	8,916.48	EA/EM =48hr ;			
141-038	PF Conductor Awarded	0			01MAY08*	27MAY08*	102		0.00	0.00				
141-038.1	PF Conductor Delivery	65		02MAY08	04AUG08	27AUG08	102		0.00	149,635.20	EA=114.4\$K ;			
141-039	Bid & Award Materials	25		27JUN08	01AUG08	01AUG08	58		0.00	8,916.48	EA/EM =48hr ;			
141-040	PF Materials Awarded	0			01AUG08*	01AUG08*	58		0.00	0.00				
1352-100	Materials Delivery PF 4,5,6	45		04AUG08	06OCT08	06OCT08	58		0.00	178,529.66	EA=136\$K ;			
1352-121	Design/Fab Tooling for PF 5	80		07MAR08	27JUN08	18SEP08	72		0.00	280,747.50	EA=273.9\$K ;			
1352-122	Design/Fab Tooling for PF 6	80		28JUL08*	17NOV08	17NOV08	18		0.00	331,639.61	EA=48=320.1\$K ;			
1352-120	Tooling for PF 4	55		25JUL08*	10OCT08	10OCT08	54		0.00	74,072.29	EA=48=72\$K ;			
1352-150	Fabricate/Divr PF 4 lower	35		13OCT08	02DEC08	02DEC08	54		0.00	21,125.10	EA=48=20.1 ;			

Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	FY				
											FY08	FY09	FY10	FY11	
1352-151	Fabricate/Dlvr PF 4 upper	45		03DEC08	12FEB09	12FEB09	405		0.00	21,125.10					
1352-165	Fabricate/Dlvr PF 5 Lower	45		30JUN08	02SEP08	20NOV08	72		0.00	72,313.75					
1352-145	Fabricate/Dlvr PF 6 Lower	45		18NOV08	30JAN09	04FEB09	18		0.00	86,654.95					
1352-166	Fabricate/Dlvr PF 5 Upper	35		02FEB09	20MAR09	25MAR09	344		0.00	74,148.05					
1352-146	Fabricate/Dlvr PF 6 Upper	35		23MAR09	08MAY09	13MAY09	344		0.00	86,654.95					
141-031	Title III engr WBS 132	241		02MAY08	21APR09	14MAY09	863	LOE	0.00	148,047.05					
141-900	PF4 Lower Inspection & Test	5		03DEC08	09DEC08	09DEC08	54		0.00	3,561.30					
141-900A	PF4 Upper Inspection & Test	5		13FEB09	19FEB09	19FEB09	405		0.00	3,561.30					
141-901	PF5 Lower Inspection & Test	5		03SEP08	09SEP08	01DEC08	117		0.00	3,459.80					
141-902	PF6 Lower Inspection & Test	5		02FEB09	06FEB09	11FEB09	18		0.00	3,561.30					
141-905	PF5 Upper Inspection & Test	5		23MAR09	27MAR09	01APR09	379		0.00	3,561.30					
141-906	PF6 Upper Inspection & Test	5		11MAY09	15MAY09	20MAY09	344		0.00	3,561.30					
141-903	Refurbish PF 1a	20		18FEB10*	17MAR10	17MAR10	101		0.00	6,820.80					
141-904	Assemble PF1a and CS structure	30		18MAR10	28APR10	28APR10	101		0.00	21,550.00					
Job: 1353 - CS Structure Procurement-DAHLGREN															
CS Support Structure															
1353-001	Design PF1a upper to lower interconnect bus	12		07MAR08*	24MAR08	01JUN09	399		0.00	11,991.00					
1353-002	Engr & analysis of bus	14		25MAR08	11APR08	29JUN09	399		0.00	14,860.80					
1353-003	Bid & Award PF1a bus	39		30JUN09*	24AUG09	01SEP09	107		0.00	0.00					
1353-004	Award PF1a bus	0			24AUG09	01SEP09*	107		0.00	0.00					
1353-005	Fab & Deliver PF1a bus	130		25AUG09	09MAR10	17MAR10	107		0.00	48,108.00					
163-035	Bid & Award CS Support Struct	40		08JUL09	01SEP09	01SEP09	101		0.00	0.00					
163-036.9	Award CS Support Structure	0			01SEP09*	01SEP09*	101		0.00	0.00					
163-037	CS Support Structure Procurement/Fab	130		02SEP09	17MAR10	17MAR10	101		0.00	247,857.24					
163-015	Title III design CS sprt struc	170*		08JUL09	17MAR10	17MAR10	101	LOE	0.00	13,679.11					
Job: 1354 - Trim Coil Design & Procurement-KALISH															
Trim Coils															
1303-101	Complete Trim Coil SRD	10		01OCT08*	14OCT08	14OCT08	13		0.00	1,529.68					
1303-103	Analysis	15		15OCT08*	04NOV08	04NOV08	13		0.00	15,296.80					
1303-105	FDR Dwgs for coils and supports	20		05NOV08*	04DEC08	04DEC08	13		0.00	16,061.64					
1303-107	Prepare for FDR	5		05DEC08*	11DEC08	11DEC08	13		0.00	3,059.36					
1303-110	Trim Coil FDR	1	R	12DEC08*	12DEC08	12DEC08	13		0.00	1,529.68					
1303-112	Prepare Procurement Coil Spec	5		15DEC08*	19DEC08	19DEC08	28		0.00	4,589.04					
1303-114	Disposition FDR Chits	5		15DEC08*	19DEC08	19DEC08	28		0.00	1,529.68					
1303-116	Detail Fabrication Drawings	20		15DEC08*	20JAN09	20JAN09	13		0.00	12,237.44					
184-035	Bid & Award Ext Trim Coils	45		21JAN09	24MAR09	24MAR09	13		0.00	4,589.04					
184-036	Award External Trim Coils	0		25MAR09	24MAR09	24MAR09	13		0.00	0.00					
184-037	External Trim Coil & Supports Procurement	88		25MAR09	28JUL09	28JUL09	13		0.00	47,078.90					
1303-040	Procure materials for supports	20		22DEC08	27JAN09	27JAN09	121		0.00	11,574.04					



Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	FY			
											FY08	FY09	FY10	FY11
1416-606	Resolve FDR comments	15		22FEB08	13MAR08	04FEB08	37		0.00	11,646.72	■ ORNLEM =72hr ;			
Type C Design Closeout														
1403-47C	Perform cool-down/warmup analysis	26		01OCT07*	05NOV07	05NOV07	445		0.00	7,430.40	■ EA/EM =40hr ;			
Job: 1408 - MC Winding Supplies-CHRZANOWSKI														
1408-1	Procure Batt insulation	0*		01JUN07A	29JUN07A	31MAY07	100		10,208.00	10,208.00	41=08\$;			
1408-2	Epoxy (existing order)	187*		23MAY07A	25FEB08	25FEB08	136	LOE	27,978.30	58,166.95	■ 41=45\$;			
1408-3	Misc and safety supplies (\$7k/mo.)	188*		23MAY07A	26FEB08	26FEB08	189	LOE	39,009.23	81,438.89	■ 41=63\$;			
1408-4	Procure & Deliver Thermocouples PE007557	55*		01AUG07A	17OCT07	11SEP07	-10		50,993.42	66,745.31	■ 41=52\$;			
1408-4.1	Procure & Deliver Strain Gages	65		01OCT07*	10JAN08	11MAR08	154		0.00	49,704.00	■ 41=38\$;			
1408-5	Epoxy/glass for mold shell	164*		23MAY07A	23JAN08	23JAN08	137	LOE	9,209.86	16,775.71	■ 41=13\$;			
1408-6	VPI clean manifold contract	210*		23MAY07A	27MAR08	27MAR08	139	LOE	5,552.49	12,942.86	■ 41=10\$;			
1408-7	Misc tech shop support	250*		23MAY07A	22MAY08	22MAY08	127	LOE	18,045.94	50,127.62	■ EMT/TB =640 ;			
1408-8	Cutting hardware for flange bolts	250*		23MAY07A	22MAY08	22MAY08	1,089	LOE	1,400.20	3,889.44	■ 41=3k			
Job: 1411 - MCWF Fabr. S005242-HEITZENROEDER														
99.09W	Retroactive mxh exclusion adjustment	213		01JUL07A	31JUL07A	31AUG07A	100		-90,000.00	-90,000.00	■			
MCWF-001	EIO Contract Accrued/cost to date =\$9,216,000k	213*		02OCT06A	30APR07A	30APR07A	100		0.00	0.00				
MCWF-002	EIO Contract TOTAL EAC =\$9,218,637k	213*		30APR07A	30APR07A	30APR07A	100		0.00	0.00				
MCWF-003	Contract closeout final cost increment	20		06JUN07A	06JUN07A		100		2,640.00	2,640.00				
MCWF-571	B6-MTM - machining/inspection	230*		06JUN06A	06JUN07A	06JUN07	100		0.00	0.00				
MCWF-581	B6-Receive at PPPL	0			07JUN07A	07JUN07	100		0.00	0.00				
MCWF-004	PPPL Oversight	28		01MAY07A	07JUN07A	08JUN07	100		6,969.20	6,969.20				
MCWF-301	C6-MTM - machining/inspection	313*		03APR06A	08MAY07A	08MAY07	100		0.00	0.00				
MCWF-311	C6-Receive at PPPL	0			09MAY07A	09MAY07	100		0.00	0.00				
Job: 1451 - Mod Coil Winding-CHRZANOWSKI														
Station 1a/4 Casting Prep														
P1-061	Receive A5, Prep& Instl Cladding	51*	2*	19APR07A	22MAY07A	22MAY07	100		47,982.05	47,982.05				
P2-031	Receive C6, Prep& Instl Cladding	44	1.5	02JUL07A	24SEP07A	26FEB08	100		47,906.90	47,906.90	■ EMT/TB =244hr ; EMT/TB =124 ; ■ EM2/TB =245 ;			
P3-061	Receive B5, Prep& Instl Cladding	40	1.5	25JUN07A	10SEP07A	21AUG07	100		47,906.90	47,906.90	■ EMT/TB =244hr ; EMT/TB =124 ; ■ EM2/TB =245 ;			
P1-151	Receive A6, Prep& Instl Cladding	27	1.5	26OCT07	05DEC07	25OCT07	92		0.00	51,069.88	■ EMT/TB =244hr ; EMT/TB =124 ; ■ EM2/TB =245 ;			
P3-151	Receive B6, Prep& Instl Cladding	38*	1.5	01SEP07A	25OCT07	03APR08	92	35	17,320.93	49,488.39	■ EMT/TB =244hr ; EMT/TB =124 ; ■ EM2/TB =245 ;			
Station 2-Winding, Instl Chill Plates,Tubing,Bag														
P2-161	Wind coil B4	54*	2	16APR07A	12JUN07A	12JUN07	100		124,549.74	124,549.74				
P2-170	Instl Chill Plates,Tubing,Bag B4	31*	1	13JUN07A	26JUL07A	13JUL07	100		61,861.52	61,861.52	■ EMT/TB =392hr ; EM2/TB =392 ;			
P3-071	Wind coil B5	76*	1	11SEP07A	07JAN08	10DEC07	89	35	45,940.52	131,258.63	■ EMT/TB =774hr ; EM2/TB =774 ; ■ EMT/TB =32 ;			

Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	FY				
											FY08	FY09	FY10	FY11	
P3-080	Instl Chill Plates,Tubing,Bag B5	22	2	08JAN08	06FEB08	18JAN08	89		0.00	65,946.16					
P3-161	Wind coil B6	38	2	07FEB08	31MAR08	28MAY08	89		0.00	132,773.54					
P3-170	Instl Chill Plates,Tubing,Bag B6	22	2	01APR08	30APR08	27JUN08	89		0.00	65,946.16					
Station 3-Winding, Instl Chill Plates,Tubing,Bag															
P2-080	Instl Chill Plates,Tubing,Bag B3	64*	2	01APR07A	09MAY07A	09MAY07		100	61,861.52	61,861.52					
P2-131	Wind coil A5	53*	1	23MAY07A	31JUL07A	07AUG07		100	124,549.74	124,549.74					
P2-140	Instl Chl Plates,Tubing, Bag A5	26	1	30JUL07A	06SEP07A	09OCT07		100	61,861.52	61,861.52					
P2-041	Wind coil C6	38	2	24SEP07A	09NOV07	18APR08	32	20	26,320.47	131,602.36					
P2-050	Instl Chl Plates,Tubing, Bag C6	22	2	12NOV07	13DEC07	20MAY08	170		0.00	65,946.16					
P1-161	Wind coil A6	38	2	06DEC07	25JAN08	20DEC07	92		0.00	132,773.54					
P1-170	Instl Chill Plates,Tubing,Bag A6	22	2	28JAN08	26FEB08	30JAN08	92		0.00	65,946.16					
Station 5-VPI															
P2-081V	VPI (Station 5) B3	11	2	10MAY07A	24MAY07A	24MAY07		100	44,840.62	44,840.62					
P3-081V	VPI (Station 5) B4	21	2	02JUL07A	31JUL07A	30JUL07		100	44,840.62	44,840.62					
P1-081V	VPI (Station 5) A5	11	2	07SEP07A	21SEP07A	24OCT07		100	44,840.62	44,840.62					
P2-051V	VPI (Station 5) C6	11	2	14DEC07	08JAN08	05JUN08	170		0.00	47,801.36					
P2-171V	VPI (Station 5) B5	11	2	07FEB08	21FEB08	04FEB08	118		0.00	47,801.36					
P1-171V	VPI (Station 5) A6	11	2	27FEB08*	12MAR08	15FEB08	92		0.00	47,801.36					
P3-171V	VPI (Station 5) B6	11	2	01MAY08	15MAY08	15JUL08	89		0.00	47,801.36					
P3-171VM	COMPLETE VPI OF 18th MOD COIL	0	2		15MAY08	15JUL08	89		0.00	0.00					
Station 1 Post VPI															
P3-141C	Final Clamps & Warm Test (Station1) A4	18*	1	25JUN07A	19JUL07A	26JUL07		100	24,415.54	24,415.54					
P2-081C	Final Clamps & Warm Test (Station1) B3	12*	1		16AUG07A	16AUG07		100	24,415.54	24,415.54					
P3-081C	Final Clamps & Warm Test (Station1) B4	42*	1	04AUG07A	03OCT07	07SEP07	173	95	23,304.15	24,530.69					
P1-081C	Final Clamps & Warm Test (Station1) A5	15	1	02NOV07*	22NOV07	22NOV07	162		0.00	26,027.60					
P2-051C	Final Clamps & Warm Test (Station1) C6	15	1	09JAN08	29JAN08	26JUN08	180		0.00	26,027.60					
P3-171C	Final Clamps & Warm Test (Station1) B5	15	1	22FEB08	13MAR08	25FEB08	118		0.00	26,027.60					
P1-171C	Final Clamps & Warm Test (Station1) A6	15	1	13MAR08	02APR08	07MAR08	92		0.00	26,027.60					
P2-171C	Final Clamps & Warm Test (Station1) B6	15	1	16MAY08	06JUN08	05AUG08	89		0.00	26,027.60					
LOE Oversight & Supervision															
145XSPRV-1	Winding Engineering oversight and supervision	298*		01MAY07A	09JUL08	09JUL08	1,057	LOE	189,236.40	531,562.91					
145XSPRV-2	Winding Engineering oversight and supervision	250*		01MAY07A	30APR08	30APR08	1,105	LOE	64,419.12	151,931.88					
145XSPRV-3	Winding Engineering oversight and supervision	337*		01MAY07A	03SEP08	03SEP08	1,018	LOE	55,620.34	176,572.52					

Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	Fiscal Year				
											FY08	FY09	FY10	FY11	
Job: 1459 - Mod Coil Fabr.Punch List-CHRZANOWSKI															
Punchlist Tech shop/RESA															
PLTS-B2	Grinding -B2	13*	1	18JUN07A	22JUN07A	19JUL07		100	15,706.35	15,706.35					
PLTS-A2	Grinding -A2	86*	1	25JUN07A	24OCT07	10JUL07	-5	50	1,866.61	3,733.22					EM/TB =49hr ;
PLTS-B1	Grinding -B1	24*	1	04SEP07A	05OCT07	17JUL07	40	96	3,583.66	3,732.98					EM/TB =49hr ;
PLTS-A1	Grinding -A1	18	1		31AUG07A	12SEP07		100	6,688.35	6,688.35					EM/TB =89hr ;
PLTS-C1	Grinding & Drill Holes -C1	16*	1	14SEP07A	05OCT07	10OCT07	64	21	3,865.68	18,408.00					EM/TB =240hr ;
PLTS-C2	Grinding & Drill Holes -C2	91*	1	02JUL07A	07NOV07	07NOV07	54	21	3,864.48	18,402.28					EM/TB =240hr ;
PLTS-C3	Grinding & Drill Holes -C3	20	1	01OCT07A	07DEC07	07DEC07	103	1	186.31	18,631.20					EM/TB =240hr ;
PLTS-C4	Grinding & Drill Holes -C4	20	1	01OCT07A	15JAN08	15JAN08	108	1	186.31	18,631.20					EM/TB =240hr ;
PLTS-A3	Grinding -A3	5	1		31AUG07A	22JAN08		100	3,682.35	3,682.35					EM/TB =49hr ;
PLTS-B3	Grinding -B3	5	1	01OCT07A	05OCT07	29JAN08	146	3	114.12	3,803.87					EM/TB =49hr ;
PLTS-A4	Grinding -A4	5	1		31AUG07A	05FEB08		100	3,682.35	3,682.35					EM/TB =49hr ;
PLTS-B4	Grinding -B4	5	1	16JAN08	22JAN08	12FEB08	108	3	114.12	3,803.87					EM/TB =49hr ;
PLTS-C5	Grinding & Drill Holes -C5	20	1	01OCT07A	19FEB08	11MAR08	108	1	186.31	18,631.20					EM/TB =240hr ;
PLTS-A5	Grinding -A5	5	1	01OCT07A	26FEB08	18MAR08	108	3	114.12	3,803.87					EM/TB =49hr ;
PLTS-B5	Grinding -B5	5	1	14MAR08	20MAR08	25MAR08	118		0.00	3,925.39					EM/TB =49hr ;
PLTS-A6	Grinding -A6	5	1	03APR08	07APR08	01APR08	92	48	1,811.28	3,773.49					EM/TB =49hr ;
PLTS-B6	Grinding -B6	5	1	09JUN08	13JUN08	12AUG08	89		0.00	3,925.39					EM/TB =49hr ;
PLTS-C6	Grinding & Drill Holes -C6	20	1	01OCT07A	26FEB08	10SEP08	180	1	186.31	18,631.20					EM/TB =240hr ;
Punchlist- Coil Technicians															
PLCT-A1	Insul,measure,TC, other punch list-A1	9	2	25OCT07	31OCT07	10OCT07	-10	49	9,611.33	19,614.96					EM/TB =255hr ;
PLCT-A2	Insul,measure,TC, other punch list-A2	7	2	01NOV07	06NOV07	18SEP07	-10	36	5,706.88	15,852.45					EM/TB =206hr ;
PLCT-B1	Insul,measure,TC, other punch list-B1	7	2	07NOV07	12NOV07	27SEP07	18	36	5,706.88	15,852.45					EM/TB =206hr ;
PLCT-C1	Insul,measure,TC, other punch list-C1	18	1	13NOV07	23NOV07	05NOV07	38	49	9,747.11	19,892.06					EM/TB =259hr ;
PLCT-B2	Insul,measure,TC other punch list-B2	7	2	04SEP07A	03DEC07	23AUG07	38	36	5,637.10	15,658.60					EM/TB =206hr ;
PLCT-C2	Insul,measure,TC, other punch list-C2	9	2	04DEC07	11DEC07	20NOV07	38	35	6,884.21	19,669.17					EM/TB =255hr ;
PLCT-A3	Insul,measure,TC, other punch list-A3	17	1	12DEC07	07JAN08	05MAR08	83	30	5,581.73	18,605.78					EM/TB =241hr ;
PLCT-A4	Insul,measure,TC, other punch list-A4	17	1	08JAN08	25JAN08	17APR08	83	15	2,797.65	18,650.99					EM/TB =241hr ;
PLCT-B3	Insul,measure,TC, other punch list-B3	14	1	28JAN08	11FEB08	25MAR08	83	18	2,867.48	15,930.47					EM/TB =206hr ;
PLCT-C3	Insul,measure,TC, other punch list-C3	18	1	12FEB08	27FEB08	11JAN08	83	35	6,992.20	19,977.71					EM/TB =259hr ;
PLCT-B4	Insul,measure,TC, other punch list-B4	14	1	28FEB08	12MAR08	07MAY08	83	27	4,294.79	15,906.63					EM/TB =206hr ;
PLCT-C4	Insul,measure,TC, other punch list-C4	14	1	25JUL07A	01APR08	11FEB08	83	33	6,948.34	21,055.59					EM/TB =276hr ;
PLCT-A5	Insul,measure,TC, other punch list-A5	14	1	02APR08	18APR08	23JUN08	83	9	1,437.56	15,972.86					EM/TB =206hr ;
PLCT-A6	Insul,measure,TC,SG other punch list-A6	14	1	21APR08	08MAY08	01AUG08	83		0.00	16,502.66					EM/TB =206hr ;
PLCT-B5	Insul,measure,TC, other punch list-B5	14	1	09MAY08	29MAY08	14JUL08	83		0.00	16,502.66					EM/TB =206hr ;
PLCT-C5	Insul,measure,TC, other punch list-C5	18	1	30MAY08	11JUN08	03JUN08	91	49	9,596.58	19,584.85					EM/TB =255hr ;
PLCT-B6	Insul,measure,TC,SG other punch list-B6	14	1	16JUN08	03JUL08	02SEP08	89		0.00	16,502.66					EM/TB =206hr ;
PLCT-C6	Insul,measure,TC,SG other punch list-C6	14	1	07JUL08	17JUL08	30SEP08	89	36	5,689.31	15,803.63					EM/TB =205hr ;

Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	FY				
											FY08	FY09	FY10	FY11	
PLCT-C6M	COMPLETE MODULAR COIL FABRICATION	0	1		17JUL08	30SEP08	89		0.00	0.00					
Job: 1421 - Mod Coil Interface Design-WILLIAMSON															
Outboard Interface															
IH4-020	Prepare outboard shim dwgs and release	45		01MAY07A	25JUN07A	03JUL07		100	9,343.20	9,343.20					
INTRF-045	FDR prep outboard shims	10		25JUN07A	29JUN07A	18JUL07		100	6,228.80	6,228.80					
INTRF-046	Outboard shims - FDR	0	R		29JUN07A	18JUL07		100	0.00	0.00					
INTRF-047	Resolve chit's and issue outboard shim drawings	27*			07SEP07A	26JUL07		100	9,343.20	9,343.20					
INTRF-048	FDR Bolted Joint	0			31JUL07A			100	0.00	0.00					
Outboard Interface-Bolted Joint Tests-Tension															
1421-3067	Procure 2 studs f/joint test.Use existing part	11*		01AUG07A	15AUG07A	26JUL07		100	6,089.76	6,089.76					
1421-3075	Setup test fixture &perform JHA & pre-job brief	2		01OCT07*	02OCT07	30JUL07	-32		0.00	2,568.08					
1421-3077	Meas joint deflect vs preload & loss of preload	2		03OCT07	04OCT07	02AUG07	-32		0.00	5,781.60					
1421-3079	Measure joint deflec & preload v. temp @80K	2		05OCT07	08OCT07	07AUG07	-32		0.00	5,781.60					
1421-3084	Measure joint deflection&preload v. cooldown cyc	2		09OCT07	10OCT07	10AUG07	-32		0.00	5,781.60					
1421-3087	Perform pullout tests for tapped holes	2		11OCT07	12OCT07	15AUG07	-32		0.00	5,781.60					
1421-3081	Meas joint deflect & preload v. time (days) at	2		15OCT07	16OCT07	13SEP07	-32		0.00	38,544.00					
1421-3090	Document&conduct review of test results	2		17OCT07	18OCT07	20SEP07	-32		0.00	6,431.60					
Outboard Interface-Bolted Joint Tests-Shear															
1421-3112B	Procure/fab parts for test&initial assembly	44		02JUL07A	24OCT07	25JUL07	-19	60	11,371.52	18,952.53					
1421-3115B	Assemble & test	13		25OCT07	12NOV07	10SEP07	-19		0.00	59,774.20					
1421-3119B	Document test results	5		13NOV07	19NOV07	01OCT07	-19		0.00	12,940.80					
Inboard Interface-AB/BC/AA															
IH1-001	Coil to coil scoping analysis	40*		01JUN07A	27JUL07A	27JUL07		100	116,974.40	116,974.40					
1421-3125	Determine geometry&location of high COF shims&pl	66*		01MAY07A	31JUL07A	26JUN07		100	12,457.60	12,457.60					
1421-3127	Structural analyses to performance rqmts for bol	23*		02JUL07A	31JUL07A	25JUL07		100	37,372.80	37,372.80					
1421-3131	10PDR prep for requirements, design,&development	5		02JUL07A	31JUL07A	01AUG07		100	6,228.80	6,228.80					
1421-3132	Review requirements - PDR	0			02AUG07A	01AUG07		100	0.00	0.00					
INTRF-049	prep winding form mods f/weld clamp boltsDELETED	0		01OCT07	28SEP07	22AUG07	1,249	0	0.00	0.00					
INTRF-050	Complete Shim fabrication drawings (ORNL)	77*		02JUL07A	18OCT07	22AUG07	-57	66	24,840.00	37,636.36					
INTRF-051	Release info for procurement of shim material	21*		02JUL07A	31JUL07A	31JUL07		100	3,737.28	3,737.28					
1421-3134	Issue interface dwgs for comment	52*		01MAY07A	13JUL07A	15AUG07		100	46,716.00	46,716.00					
INTRF-040	ANalysis of tensile loads (ORNL)	120*		01MAY07A	18OCT07	15AUG07	-32	50	25,027.95	50,055.89					
INTRF-064	PDR	0			18OCT07*			-32	0.00	0.00					
INTRF-054	FDR prep AB/BC/AA inboard interface	25		19OCT07	22NOV07	04SEP07	-57	0	0.00	12,863.20					
INTRF-055	AB/BC/AA inboard interface - FDR	0			22NOV07*	04SEP07	-57	0	0.00	0.00					
1421-3138	Resolve issues, release assembly spec&drawings	5		23NOV07	03DEC07	11SEP07	-57		0.00	38,822.40					

Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	Fiscal Year			
											FY08	FY09	FY10	FY11
Inboard Interface-CC														
IH1-000	ESTABLISH CONCEPT	25*		02JUL07A	31JUL07A	23JUL07		100	118,347.20	118,347.20	ORNL/EM = 760hr ;			
IH1-0000	PEER REVIEW OF JOINT CONCEPT	1*			07AUG07A	02AUG07		100	0.00	0.00				
1421-3143	Add bolt holes to C winding form dwg CC interfac	11			22AUG07A	17AUG07		100	21,800.80	21,800.80	ORNL/EM = 140hr ;			
1421-3143X	Release dwg for add'l holes in C coil	0			22AUG07A	17AUG07		100	0.00	0.00	▼			
1421-3145	Bolt reach & access study (mockup)	6		01OCT07*	08OCT07	08OCT07	449	40	12,699.20	31,748.00	ORNL/EM = 200hr ;			
1421-3146	Tooling development for C-C bolt access*NEW TASK	48		01OCT07	07DEC07		407	20	9,524.40	47,622.00	ORNL/EM = 300hr ;			
1421-3140	Prep C-C shim drawings and release	14		10DEC07	07JAN08	26OCT07	407		0.00	58,233.60	ORNL/EM = 360hr ;			
1421-3142	FDR Prep for C-C joint	42		08JAN08	05MAR08	07JAN08	407		0.00	6,470.40	ORNL/EM = 40hr ;			
1421-3144	Mod Coil C-C Joint - FDR	0	R		05MAR08	07JAN08	407		0.00	0.00	▼			
Weld Access test														
INTRF-025	ORNL build plywood mockup of flange	20		02JUL07A	30JUL07A	11JUN07		100	51,800.80	51,800.80	ornl41=30; ornlem=140			
INTRF-030	ORNL verify weld access	7		02JUL07A	31JUL07A	20JUN07		100	45,228.80	45,228.80	ornlem=40 ornl41=39			
INTRF-010	Develop Weld Geometry Procedure	5		02JUL07A	31JUL07A	27JUN07		100	6,969.20	6,969.20	lea/em=40			
Job: 1429 - MC Interface R&D-GETTELFINGER														
Outboard Interface-Friction														
1429-3026	COF cyclic testing	0*		01MAY07A	18MAY07A	18MAY07		100	29,970.00	29,970.00				
1429-3027	Friction Life Test	32		02JUL07A	31JUL07A	15AUG07		100	29,397.18	29,397.18	gettefinger=107hrs; jurzynski=107hrs			
1429-3028	Edge loading&Superbolt torque tests 1&2	22		01OCT07*	30OCT07	16AUG07	-35	50	14,698.59	29,397.18	gettefinger=107hrs; jurzynski=107hrs			
1429-3029	Bolt Tests 3&4 Write Report (see 1421-3067to3090	56*		01AUG07A	18OCT07	24AUG07	-32		0.00	29,882.96	gettefinger=107hrs; jurzynski=107hrs			
Job: 1431 - Mod. Coil Interface Hardware-DUDEK														
Bladders														
1421-3022	Receive first 5 Bladders	10		01JUN07A	29JUN07A	16JUL07		100	0.00	0.00				
1421-3023	Test Bladders (finish by A6-B6 weld test)	10		05SEP07A	11SEP07A	30JUL07		100	0.00	0.00				
1421-3024	Prep Req, Bid,& Award Bladders	10		05OCT07*	18OCT07	13AUG07	-2		0.00	0.00				
1421-3025	Deliver bladders	5		19OCT07	25OCT07	20AUG07	-2		0.00	16,807.80	41=12.85\$K ;			
1421-3028	Bladders available for FPA	0			25OCT07	20AUG07	-2		0.00	0.00	▼			
Bushings														
1421-3105	Prep Req, Bid,& Award Bushings	5		01OCT07	05OCT07	21MAY07	45		0.00	0.00				
1421-3106	Deliver Bushings Material	6*		08OCT07	15OCT07	02JUL07	45		0.00	10,464.00	41=08\$K ;			
1421-3107	PPPL Machine bushings Bushings	248		01OCT07*	26SEP08	29JUL08	-3		0.00	44,380.94	EMT/TB = 554 ;			
1421-3108	Bushings available for first coil-to-coil fitup	0		29OCT07			-3		0.00	0.00	▼			
1421-3109	All Bushings delivered	0			26SEP08	29JUL08	63		0.00	0.00	▼			

Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	FY08				FY09				FY10				FY11								
Shims-Outboard																															
1429-3059	Bid,Award Shim Stock (out & inboard) PE7556	15		01AUG07A	10AUG07A	21AUG07		100	0.00	0.00																					
1429-3060	Deliver Outboard Shim Stock	19*		13AUG07A	07SEP07A	05SEP07		100	38,637.28	38,637.28	41=30.28\$k ;																				
1429-3062	Vendor Cut, Grind, debur Outboard Shims	32*		10SEP07A	23OCT07	18MAR08	71	75	14,158.01	18,877.35	emt/tb=187hrs;41=3.35k 3days to cut,debur, grind per joint,anneal																				
1429-3065	Prep Req, Bid, Award Alumina Application R405443	0*		04SEP07A	31AUG07A	16AUG07		100	0.00	0.00																					
1429-3066	Apply Alumina to OutboardShims	90		23OCT07*	07MAR08	25MAR08	55		0.00	42,248.40	41=32.3\$k ; quote = 10-15 days for all;say 3 days/3 pack																				
1429-3069	Outboard Shims Available for 1st 3 pack MC assy	0			15NOV07*		-24		0.00	0.00																					
S21-5.04X	Shims required for 1st 3 pack MC assy	0			16NOV07	20SEP07	-24		0.00	0.00																					
1429-3070	Outboard Shims Available for 2nd 3 pack MC assy	0		27NOV07			55		0.00	0.00																					
1429-3071	Outboard Shims Available for 3rd 3 pack MC assy	0		21JAN08			62		0.00	0.00																					
1429-3072	Outboard Shims Available for 4th 3 pack MC assy	0		03MAR08			85		0.00	0.00																					
1429-3073	Outboard Shims Available for 5th 3 pack MC assy	0		31MAR08			131		0.00	0.00																					
1429-3074	Outboard Shims Available for 6th 3 pack MC assy	0		10MAR08			199		0.00	0.00																					
Shims-Inboard																															
1429-3060I	Deliver Inboard Shim Stock	20		19OCT07	15NOV07		7		0.00	39,606.24	41=30.28\$k ;																				
1429-3062X	PPPL cut, grind and debur Inboard Shims	130		04DEC07	12JUN08	24MAR08	-3		0.00	19,362.37	emt/tb=187hrs;41=3.35k 2 days to cut, debur and grind per joint																				
1429-3069X	Inboard Shims Available for 1st 3 pack MC assy	0		11DEC07			-3		0.00	0.00																					
1429-3070X	Inboard Shims Available for 2nd 3 pack MC assy	0		17JAN08			27		0.00	0.00																					
1429-3071X	Inboard Shims Available for 3rd 3 pack MC assy	0		28FEB08			52		0.00	0.00																					
1429-3072X	Inboard Shims Available for 4th 3 pack MC assy	0		10APR08			75		0.00	0.00																					
1429-3073X	Inboard Shims Available for 5th 3 pack MC assy	0		08MAY08			110		0.00	0.00																					
1429-3074X	Inboard Shims Available for 6th 3 pack MC assy	0		13JUN08			137		0.00	0.00																					
Shims- C-C Joint																															
1429-3062C	PPPL Cut, Grind, debur Outboard Shims	10		01OCT09*	14OCT09	14OCT09	12		0.00	8,170.84	emt/tb=74hrs;41=1.3k 2 days to cut, debur and grind per joint																				
1429-3066C	Apply Alumina to OutboardShims	40		08OCT09	04DEC09	04DEC09	12		0.00	9,308.00	41=6.5\$k ; quote = 10-15 days for all;say 3 days/3 pack																				
1429-3075X	Shims Req'd for C-C joint	0		07DEC09			12		0.00	0.00																					
Studs,Washers,Nuts																															
1421-3060	Deliver Stud Kit (PE007330) (for 1st 3 pack only	87*		01MAY07A	31AUG07A	20JUL07		100	98,992.08	98,992.08	41=78\$k ;																				
1421-3061	Stud kit available for 1st 3 pack MC assy	0			31AUG07A	20JUL07		100	0.00	0.00																					
1421-3062	Re-order balance of stud kits	20		08OCT07*	02NOV07	18OCT07	67		0.00	408,475.32	41=312\$k ;																				
1421-3063	Stud kits available for balance of MC assy	0			02NOV07	18OCT07	67		0.00	0.00																					
1421-3065	Deliver Superbolts (PE007332)	43*		01MAY07A	29JUN07A	31MAY07		100	157,905.00	157,905.00	41= 23.75k ;																				
1421-3066	Super bolts available for FPA	0			29JUN07A	31MAY07		100	0.00	0.00																					
1421-3070	Order Add'l stud kits for c-c joint&weld clmp	15		01OCT07*	19OCT07	19OCT07	181		0.00	0.00																					
1421-3072	Deliver Add'l stud kits for c-c joint&weld clmp	30		22OCT07	04DEC07	04DEC07	181		0.00	59,827.92	41=45.738k ;																				
1421-3080	Purchase G-11 shims and machine for C-C inboard	65		01OCT07*	10JAN08	10JAN08	497		0.00	5,728.80	41=1.44k ;emt/tb=48																				

Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	Fiscal Year			
											FY08	FY09	FY10	FY11
Misc Tech Shop Support														
1421-4000	Misc Tech Shop support through FPA sta 3	250*		01OCT07*	30SEP08	30SEP08	999	LOE	0.00	76,905.60	em/tb=960			
15 - Coil Structures														
Job: 1501 - Coil Structures Design-DAHLGREN														
1501-521	Complete Preliminary Stress analysis	34*		04JUN07A	20JUL07A	18JUN07		100	12,196.10	12,196.10	EA/EM =70hr ;			
1501-522	Prelim CAD models & Dwgs	30		04JUN07A	16JUL07A	16JUL07		100	27,876.80	27,876.80	ea/dm=160			
1501-525	PDR Prep	3		02JUL07A	20JUL07A	19JUL07		100	3,484.60	3,484.60	EA/EM =10hr ; EA/DM =10 ;			
1501-525P	Coils Support Structure - PDR	1		20JUL07A	20JUL07A	20JUL07		100	1,393.84	1,393.84	EA/EM =04hr ; EA/DM =04 ;			
1501-533	Detail CAD Drawings,BOM	128*		01JUN07A	03DEC07	17SEP07	110	90	54,527.19	60,585.77	EA/EM =20hr ; EA/DM =320 ;			
1501-533F	Integrated Stress Analysis	44*		01OCT07	03DEC07	17SEP07	110	70	30,239.16	43,198.80	EA/EM =240hr ;			
1501-535	Resolve CS PDR Chits	44*		01OCT07	03DEC07		1,205	90	0.00	0.00				
1501-537	FDR Prep	4		04DEC07	07DEC07	20SEP07	110		0.00	2,786.40	EA/EM =10hr ; EA/DM =05 ;			
1501-541	Coil Support Structures - FDR	1		10DEC07	10DEC07	21SEP07	110		0.00	1,486.08	EA/EM =04hr ; EA/DM =04 ;			
1501-545	Resolve Chits	5		11DEC07	17DEC07	19OCT07	110		0.00	7,430.40	EA/EM =20hr ; EA/DM =20 ;			
1501-549	Update C.S.Support Design	6		18DEC07	03JAN08	05OCT07	444		0.00	11,145.60	EA/EM =20hr ; EA/DM =40 ;			
1501-550	FDR Updated C.S.Design	5		14APR08	18APR08	10OCT07	399		0.00	1,486.08	EA/EM =04hr ; EA/DM =04 ;			
1501-554	Resolve CS FDR Chits	5		21APR08	25APR08	12OCT07	399		0.00	7,430.40	EA/EM =08hr ; EA/DM =08 ;			
1501-558	Prepare requisition for Coil Structure & CSS h/w	10		11DEC07	02JAN08	02NOV07	110		0.00	743.04	EA/EM =04hr ;			
1501-562	Prepare Specs for Coil Structure & CSS h/w	10		11DEC07	02JAN08	26OCT07	110		0.00	1,857.60	EA/EM =10hr ;			
ECP53RBX09	FY07 Rebaseline exercise	0*		01JUN07A	29JUN07A	31MAY07		LOE	6,969.20	6,969.20	ORNLEM =40hr ;			
Job: 1550 - Coil Struct. Procurement -DAHLGREN														
1501-244	Procure Spherical Bearings	130		01OCT07*	10APR08		224		0.00	19,620.00				
1501-245	Prep Spec,Solicit Bids, and Evaluate Bids	40		18DEC07	20FEB08	16JUN08	110		0.00	0.00				
162-036.9	Award Coil Support Structure	0			28APR08*	16JUN08*	62		0.00	0.00				
162-037	Fabricate TF/MCWF mounting Components	260		29APR08	13MAY09	01JUL09	62		0.00	305,639.71	+239.73			
162-037M	Fabricate TF/MCWF mounting Components	0			13MAY09	01JUL09	62		0.00	0.00				
162-038	Fabricate PF Mounting components	260		29APR08	13MAY09	01JUL09	62		0.00	267,393.81	+257.06			
162-039	Fabricate Final TF Assy components Components	260		29APR08	13MAY09	01JUL09	62		0.00	82,862.33	+79.657			
162-040	Fabricate Machine/base support interface	260		29APR08	13MAY09	01JUL09	62		0.00	92,411.37	+88.84k ;			
162-050	Prep req, bid and award G11/Teflon parts	20		16JUN08*	14JUL08	14JUL08	69		0.00	0.00				
162-051	Deliver G11/Teflon parts	90		15JUL08	18NOV08	18NOV08	69		0.00	155,701.41	48=150.42\$k ;			
162-052	Prep req, bid and award Inconnel hardware	20		16JUN08*	14JUL08	14JUL08	69		0.00	0.00				
162-053	Deliver Inconnel hardware	90		15JUL08	18NOV08	18NOV08	69		0.00	107,848.23	48=104.19\$k ;			
162-055	Prep req, bid and award Belleville Washers	20		16JUN08*	14JUL08	14JUL08	69		0.00	0.00				
162-057	Deliver Belleville Washers	90		15JUL08	18NOV08	18NOV08	69		0.00	25,106.83	41=18.695\$k ;			
162-031	Title III engr WBS 151	260		29APR08*	13MAY09	01JUL09	847	LOE	0.00	14,098.02	EA/EM =75hr ;			

Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	FY			
											FY08	FY09	FY10	FY11
16 - Coil Services														
Job: 1601 - Coil Services Design-GORANSON														
FY07 Rebaseline Exercise														
ECP53RBX08	FY07 Rebaseline exercise	0*		01JUN07A	29JUN07A	31MAY07		LOE	6,228.80	6,228.80	ORNLEM =40hr ;			
161 - LN2 Distribution														
191-001	Title I design WBS 161 LN2 manifolds&piping	142*		02SEP07A	01APR08	01APR08	99	10	8,369.50	83,694.95	ORNLEM =520hr ;			
191-002	LN2 manifolds&piping- PDR	1	R	02APR08	02APR08	02APR08	99		0.00	1,294.08	ORNLEM =08hr ;			
191-011	Title II design WBS 161 LN2 manifolds&piping	65		03APR08	03JUL08	03JUL08	99		0.00	84,115.20	ORNLEM =520hr ;			
191-012	LN2 manifolds&piping - FDR	1	R	07JUL08	07JUL08	07JUL08	99		0.00	1,294.08	ORNLEM =08hr ;			
191-037	Prep Req,Bid,Award-manifolds,hoses,valves etc	25		08JUL08	11AUG08	11AUG08	99		0.00	0.00				
191-038	Fab and deliver-manifold assy,hoses,valves etc	90		12AUG08*	18DEC08	18DEC08	99		0.00	140,101.51	41=59\$K ; EM/TB =492hr ; EM/EM =123hr ;			
191-031	Title III engr WBS 161	118		08JUL08	23DEC08	23DEC08	941	LOE	0.00	27,796.89	ORNLEM =176hr ;em/em=78;em/sm=40			
162 - Electrical Leads														
132-001	Title I design WBS 162 Coil leads	155		02JUN08*	19JAN09	19JAN09	49		0.00	152,991.50	ORNLEM =916hr ;			
132-002	Electrical Coil leads - PDR	1	R	20JAN09	20JAN09	20JAN09	49		0.00	1,387.28	ORNLEM =08hr ;			
132-011	Title II design WBS 162 Coil leads	155		21JAN09	27AUG09	27AUG09	150		0.00	158,843.56	ORNLEM =916hr ;			
132-012	Electrical Coil leads - FDR	1	R	28AUG09	28AUG09	28AUG09	150		0.00	1,387.28	ORNLEM =08hr ;			
132-015	Title III design WBS 162 Coil leads	99		31AUG09	29JAN10	29JAN10	222	LOE	0.00	19,579.88	ORNLEM =110hr ;			
132-037	Prep Req,Bid,Award Lead hardware and cables	25		31AUG09	05OCT09	05OCT09	150		0.00	0.00				
132-038	Deliver Lead hardware and cables	65		06OCT09	18JAN10	18JAN10	150		0.00	114,187.68	41=79.744\$K ;			
132-047	Prep Req,Bid,Award Material for transition box	25		31AUG09	05OCT09	05OCT09	216		0.00	0.00				
132-048	Deliver Material for Transition Boxes	40		06OCT09	02DEC09	02DEC09	216		0.00	9,909.44	41=07\$K ;			
132-049	Assemble Transition boxes (6)	40		03DEC09	08FEB10	08FEB10	216		0.00	20,462.40	EM/TB =240hr ;			
163 - Coil Protection System														
163.001	Design Coil protection(input to WBS 4 & 5)	65		01OCT08*	12JAN09	12JAN09	80		0.00	38,150.20	ORNLEM =220hr ;			
17 - Cryostat and Base Support Structure														
Job: 1702 - Base Support Struct Design-DAHLGREN														
1702-510	Base support structure prel. design & analysis	119*		03SEP07A	28FEB08	23NOV07	0	15	11,090.32	73,935.47	EA/EM =178hr ; EA/DM =224 ;			
1702-515	Base support - PDR	5	R	29FEB08	06MAR08	26NOV07	0		0.00	743.04	EA/EM =04hr ;			
1702-520	Final design. Assy dwgs, fab dwgs, BOMs,specs/SO	32		07MAR08	21APR08	01FEB08	0		0.00	74,675.52	EA/EM =178hr ; EA/DM =224 ;			
1702-525	Base Support Structure - FDR	5	R	22APR08	28APR08	04FEB08	0		0.00	743.04	EA/EM =04hr ;			
1702-525M	Base Support Structure FDR	0			28APR08	04FEB08	0		0.00	0.00				
1702-530	Resolve chits, issue dwgs for fab,issue requisit	10		29APR08	12MAY08	03MAR08	0		0.00	12,631.68	ea/em=36; ea/dm=32			
Job: 1752 - Base Support Procure-DAHLGREN														
172 - Base Support Structure														
161-036.8	Bid and award base support materials	40		13MAY08	09JUL08	19JUN08	0		0.00	0.00				

Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	FY				
											FY08	FY09	FY10	FY11	
R1802-503	Sequence plan	20		01MAY07A	30MAY07A	30MAY07		100	0.00	0.00					
1803-5.4	Structural Analysis	10		16OCT07*	29OCT07	21NOV07	144		0.00	11,145.60					
1803-5.6	Station 5 FDR	0			29OCT07	21NOV07	144		0.00	0.00					
1803-5.7	Complete dwg package and release for Fa	20		30OCT07	26NOV07	21DEC07	144		0.00	14,389.20					
1803-5.8	Complete models and dwgs for test cell metrology	30*		27NOV07	18JAN08	14JAN08	159		0.00	19,185.60					
1803-5.9	Procure materials and fixture (2 stations)	65		27NOV07	07MAR08	01APR08	144		0.00	94,071.36					
6.00-Final Machine Assembly															
1803-6.1	Complete Stage 6 support models	50		03DEC07*	19FEB08	19FEB08	69		0.00	28,778.40					
1803-6.2	Complete platform models	30		20FEB08	01APR08	01APR08	69		0.00	9,592.80					
1803-6.3	Structural Analysis	30		03DEC07*	22JAN08	22JAN08	119		0.00	22,291.20					
1803-6.4	PDR	0	R		01APR08	01APR08	69		0.00	0.00					
1803-6.5	Complete drawing package	40		02APR08	28MAY08	28MAY08	69		0.00	19,185.60					
1803-6.6	Station 6 FDR	0	R		04JUN08	04JUN08	69		0.00	0.00					
1803-6.7	Revise drawings per FDR input and release for Fa	5		05JUN08	11JUN08	11JUN08	69		0.00	0.00					
1803-6.9	Design followup and prelim analysis	82		03DEC07*	03APR08	03APR08	112		0.00	22,291.20					
1803-6.8	Procure materials and fixture	65		02SEP08*	03DEC08	03DEC08	13		0.00	111,484.70					
Job: 1806 - FP Assembly specs and drawings-COLE															
1.00-VV Prep Station															
1803-609	Detail dwgs-spool piece	50		22AUG08	31OCT08	31OCT08	288		0.00	17,008.28					
Station 2-Modular Coil Sub- Assembly															
1803-201	Station 2 Assembly Specification	85*		01JUL07A	30OCT07	11SEP07	-35	60	7,549.60	12,582.66					
1803-205	Station 2 Assembly Drawings	100*		11JUN07A	30OCT07	11SEP07	-21	65	8,605.62	13,239.42					
Station 3-Modular Coil to VVSA Assembly															
1803-301	Station 3 Assembly Specification	98*		02JUL07A	16NOV07	16NOV07	32	30	11,367.15	37,890.51					
1803-305	Station 3 Assembly Drawings	102*		02JUL07A	22NOV07	22NOV07	28	40	6,634.26	13,268.52					
Station 5-Final Field Period Assembly															
1803-501	Station 5 Assembly Specification	90		03DEC07*	15APR08	15APR08	97		0.00	32,352.00					
1803-505	Station 5 Assembly Drawings	152*		03SEP07A	15APR08	15APR08	97	10	2,002.36	20,023.60					
1803-509	Field period Assy Dwgs	90		03DEC07*	15APR08	15APR08	97		0.00	40,137.60					
1803-611	Detail dwgs-welding ports	90		03DEC07*	15APR08	15APR08	97		0.00	20,068.80					
6.00-Final Machine Assembly															
1803-601	Station 6 Assembly Specification	120		15APR08*	02OCT08	02OCT08	30		0.00	71,259.83					
1803-605	Station 6 Assembly Drawings	120		15APR08*	02OCT08	02OCT08	30		0.00	53,549.76					
1803-605M	Station 6 Specification & Assy Drawings Complete	0			02OCT08	02OCT08	30		0.00	0.00					
1803-613	Detail dwgs-man access port	120		15APR08*	02OCT08	02OCT08	30		0.00	6,693.72					
1803-010	Models,design reviews, meetings,reporting,	430		01MAY07A	23JUN09	23JAN09	819	LOE	0.00	178,341.74					

Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	FY					
											FY08	FY09	FY10	FY11		
Job: 1802 - FP Assy Oversight&Support-VIOLA																
Oversight and Supervision																
1802MAY	May cost incr	20		01MAY07A	30MAY07A	29MAY07		LOE	15,000.00	15,000.00						
1802ORNLO2	ORNL Title III field period assy station 2	326		24OCT07*	19FEB09	19FEB09	4	LOE	0.00	152,828.16						
1802ORNLO3	ORNL Title III field period assy station 3	318*		03MAR08*	08JUN09	08JUN09	0	LOE	0.00	117,143.02						
1802ORNLO5	ORNL Title III field period assy station 5	260*		30OCT08*	13NOV09	13NOV09	0	LOE	0.00	122,171.24						
R1802-001	Metrology Engr Super FY07	106*		01MAY07A	28SEP07A	28SEP07		LOE	62,722.80	62,722.80						
R1802-003	Metrology Engr Super FY08	250*		01OCT07*	30SEP08	30SEP08	999	LOE	0.00	160,310.88						
R1802-004	Metrology Engr Super FY09	281*		01OCT08*	13NOV09	13NOV09	718	LOE	0.00	194,695.10						
R1802-004S	Metrology Engr Super FY09 (2n shft suprt .5 fte)	203*	2	30JAN09*	13NOV09	13NOV09	718	LOE	0.00	134,631.52						
R1802-005	FPA Management FY07	106*		01MAY07A	28SEP07A	28SEP07		LOE	115,712.78	115,712.78						
R1802-007	FPA Management FY08	250*		01OCT07*	30SEP08	30SEP08	999	LOE	0.00	277,523.54						
R1802-008	FPA Management FY09	281*		01OCT08*	13NOV09	13NOV09	718	LOE	0.00	322,131.05						
R1802-013	HP Coverage in the TFTR TC LOE FY07	106*		01MAY07A	28SEP07A	28SEP07		LOE	59,214.54	59,214.54						
R1802-015	HP Coverage in the TFTR TC LOE FY08	250*		01OCT07*	30SEP08	30SEP08	999	LOE	0.00	149,857.40						
R1802-016	HP Coverage in the TFTR TC LOE FY09	169*		01OCT08*	08JUN09	08JUN09	830	LOE	0.00	104,271.28						
R1810-098	Station 3 complete	0			27AUG09	08JUN09	773		0.00	0.00						
Station 2 procedures,JHA,ACC,Training,Prep																
R1802-207	Procedures written & approved	14		04DEC07	21DEC07	01OCT07	-57		0.00	0.00						
R1802-209	JHA completed	6		02JAN08	09JAN08	09OCT07	-57		0.00	0.00						
R1802-211	Training needs identified & released	6		10JAN08	17JAN08	17OCT07	-57		0.00	0.00						
R1802-213	ACC review completed	2		18JAN08	21JAN08	19OCT07	-57		0.00	0.00						
R1802-215	Pre-job brief completed	1		22JAN08	22JAN08	22OCT07	-57		0.00	0.00						
R1802-217	Station 2 operational	1		23JAN08	23JAN08	23OCT07	-57		0.00	0.00						
Station 3 procedures,JHA,ACC,Training,Prep																
R1802-307	Procedures written & approved	10		15JAN08	28JAN08	28JAN08	0		0.00	0.00						
R1802-309	JHA completed	6		29JAN08	05FEB08	05FEB08	0		0.00	0.00						
R1802-311	Training needs identified & released	6		06FEB08	13FEB08	13FEB08	0		0.00	0.00						
R1802-313	ACC review completed	6		14FEB08	21FEB08	21FEB08	0		0.00	0.00						
R1802-315	Pre-job brief completed	6		22FEB08	29FEB08	29FEB08	0		0.00	0.00						
Station 5 procedures,JHA,ACC,Training,Prep																
R1802-507	Procedures written & approved	14		16APR08	05MAY08	05MAY08	97		0.00	0.00						
R1802-509	JHA completed	6		06MAY08	13MAY08	13MAY08	97		0.00	0.00						
R1802-519	Fixtures installed	6		14MAY08	21MAY08	21MAY08	97		0.00	0.00						
R1802-511	Training needs identified & released	6		22MAY08	30MAY08	30MAY08	97		0.00	0.00						
R1802-513	ACC review completed	7		02JUN08	10JUN08	10JUN08	97		0.00	0.00						
R1802-515	Pre-job brief completed	7		11JUN08	19JUN08	19JUN08	97		0.00	0.00						

Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	FY				
											FY08	FY09	FY10	FY11	
R1810-1219	Prepare & transfer completed VV to holding area	2	1	01FEB08	04FEB08	12FEB08	245		0.00	3,204.40					
Station 1- VV Prep (hrd surf cmpntsFP#3)															
R1810-1303	Misc Hardware	139*		15MAY07A	28NOV07	28NOV07	1,206	LOE	1,777.11	2,571.80					
R1810-1304	Layout diag & coolant paths on vessel	12	1	01MAY07A	16MAY07A	16MAY07		100	18,036.00	18,036.00					
R1810-1305	Install heater tape on vertical ports	7	1	17MAY07A	25MAY07A	25MAY07		100	10,521.00	10,521.00					
R1810-1307	Verify installation of heater tapes	1	1	01JUN07A	29JUN07A	02JUL07		100	1,503.00	1,503.00					
R1810-1309	Attach studs for coolant lines	3	1	01JUN07A	29JUN07A	06JUL07		100	4,509.00	4,509.00					
R1810-1300	Install Templates	3	1	01JUN07A	29JUN07A	27JUN07		100	4,509.00	4,509.00					
R1810-1311	Wind magnetic diagnostic sensors	25*	1	25JUN07A	30JUL07A	30JUL07		100	21,042.00	21,042.00					
R1810-1313	Install precision magnetic diagnostic sensors	28*	1	25JUN07A	31JUL07A	02AUG07		100	4,509.00	4,509.00					
R1810-1315	Verify installation magnetic diagnostic sensors	8	1	30JUL07A	24SEP07A	08AUG07		100	6,012.00	6,012.00					
R1810-1317	Install local I&C (incl thermocouples)	5	1		15AUG07A	15AUG07		100	7,515.00	7,515.00					
R1810-1319	Verify installation of local I&C	2	1		17AUG07A	17AUG07		100	3,006.00	3,006.00					
R1810-1321	10Install cooling/htg lines to vac vsl	37*	1	01AUG07A	21SEP07A	31AUG07		100	22,545.00	22,545.00					
R1810-1323	Weld cooling/htg risers	10	1	15OCT07*	26OCT07	17SEP07	258		0.00	25,635.20					
R1810-1325	Verify Instl of H/C lines, headers, manifolds	5	1		12SEP07A	24SEP07		100	7,515.00	7,515.00					
R1810-1308	Perform final acceptance testing (H/C flow test)	5	1	15NOV07*	21NOV07	01OCT07	245		0.00	8,011.00					
R1810-1312	Trim seal plates	2	1	14DEC07	17DEC07	31OCT07	321		0.00	3,204.40					
R1810-1327	Loop termination & verification	18	1		28SEP07A	25JAN08		100	27,054.00	27,054.00					
R1810-1328	Install Final Internal&Ext monuments & meas	4	1	18DEC07	21DEC07	31JAN08	321		0.00	6,408.80					
R1810-1329	Final Scan of VVSA #3 Station 1 complete	4	1	02JAN08	07JAN08	06FEB08	321		0.00	6,408.80					
R1810-1314	Install heater tape on all removable ports	20	1	15FEB08*	13MAR08	13MAR08	273		0.00	16,022.00					
R1810-1331	Prepare & transfer completed VV to holding area	2	1	14MAR08	17MAR08	17MAR08	273		0.00	3,204.40					
Station 1-Spool pieces (3) (spacers)															
R1810-1S03	Attachdiagnostics, studs and coolant lines	17	1	03NOV08*	25NOV08	25NOV08	288		0.00	28,036.40					
R1810-1S04	Install Final Internal&Ext monuments & meas	2	1	26NOV08	01DEC08	01DEC08	288		0.00	3,298.40					
Station 2 Trials & Development															
Water jet cut A/B flange weld test															
INTRF-035	PPPL Determine shim material	23		01MAY07A	01JUN07A	01JUN07		100	6,969.20	6,969.20					
INTRF-001	PPPL buy SS plate for weld trials	10		04JUN07A	15JUN07A	15JUN07		100	40,762.56	40,762.56					
PHIL-02	weld shim DXF files complete	1		02JUL07A	02JUL07A	28JUN07		100	0.00	0.00					
PHIL-03	complete CAD model of weld test specimen	1		06JUL07A	06JUL07A	06JUL07		100	0.00	0.00					
PHIL-04	1100water jet cut shims for A/B flange weld test	3		11JUL07A	11JUL07A	11JUL07		100	1,803.60	1,803.60					
PHIL-05	1solution anneal shims (note: shims not ground).	1		04SEP07A	04SEP07A	12JUL07		100	991.36	991.36					
PHIL-06	assemble shims&flanges;grind relief in flanges	3		17JUL07A	17JUL07A	17JUL07		100	3,607.20	3,607.20					
PHIL-07	weld & monitor distortion; improvise clamping	3		20JUL07A	20JUL07A	20JUL07		100	3,607.20	3,607.20					
PHIL-08	analyze results at PPPL	2		24JUL07A	24JUL07A	24JUL07		100	0.00	0.00					
PHIL-09	analyze welds at EWI	10		01AUG07A	28SEP07A	07AUG07		100	0.00	0.00					
Casting Weld Tests															
PHIL-11	Mount A6 on angle plate	1			02JUL07A	25JUN07		100	1,202.40	1,202.40					

Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	FY08				FY09				FY10				FY11			
PHIL-12	Weld fiducials on A6 & B6	2			11JUL07A	11JUL07		100	2,404.80	2,404.80																
PHIL-13	Measure A6 casting	2			13JUL07A	13JUL07		100	0.00	0.00																
PHIL-14	Develop metrology plan for station 2	90*		01JUN07A	08OCT07	31AUG07	-19	85	0.00	0.00																
PHIL-15	Remove A6 & lower & grout wedge	4			19JUL07A	19JUL07		100	4,809.60	4,809.60																
PHIL-16	Re-mount A6 on wedge	2			23JUL07A	23JUL07		100	2,404.80	2,404.80																
PHIL-17	Re-measure A6	2			25JUL07A	25JUL07		100	0.00	0.00																
PHIL-18	Measure B6 on wedge	2			27JUL07A	27JUL07		100	2,404.80	2,404.80																
PHIL-19	Place B6 on A6; Meas B6 casting use A6 as base	2			31JUL07A	31JUL07		100	0.00	0.00																
PHIL-20	Complete CAD model for dimensional ref.	3			31JUL07A	03AUG07		100	0.00	0.00																
PHIL-21	Prepare angle plate dogs & chocks	4			13JUL07A	13JUL07		100	4,809.60	4,809.60																
PHIL-22	Water jet cut outboard 0,5" stk 316 SS shims	4			17JUL07A	17JUL07		100	2,404.80	2,404.80																
PHIL-23	Water jet cut inboard 0.625 316 SS	3			20JUL07A	20JUL07		100	1,803.60	1,803.60																
PHIL-24	Assemble castings, align torque&meas inbd. shims	4			26JUL07A	26JUL07		100	4,809.60	4,809.60																
PHIL-25	Purchase (2) grinding machines - (ON HOLD)	45		01OCT07*	04DEC07	14SEP07	1,204		0.00	52,320.00																
PHIL-26	Grind inbd. Shims to thickness (outside shop)	4			31JUL07A	01AUG07		100	1,276.00	1,276.00																
PHIL-27	Solution anneal shims	2			31JUL07A	03AUG07		100	1,982.72	1,982.72																
PHIL-28	bushing drawings complete	0			29JUN07A	29JUN07		100	0.00	0.00																
PHIL-29	fabricate stock bushings	5			13JUL07A	13JUL07		100	0.00	0.00																
PHIL-30	Zenex - fabricate eccentric bushings	5			13JUL07A	13JUL07		100	1,658.80	1,658.80																
PHIL-31	Receive hardware - studs, washers	14*			20AUG07A	19JUL07		100	0.00	0.00																
PHIL-32	Align castings	2			31JUL07A	31JUL07		100	2,404.80	2,404.80																
PHIL-33	Fit&install bushings 25% stock, 25% eccentric	5			31JUL07A	07AUG07		100	6,012.00	6,012.00																
PHIL-34	Weld procedure/weld qual.	7			17JUL07A	17JUL07		100	4,208.40	4,208.40																
PHIL-35	Purchase weld on strain gauges	14			26JUL07A	26JUL07		100	0.00	0.00																
PHIL-36	Install strain gauges	5			07AUG07A	02AUG07		100	4,956.80	4,956.80																
PHIL-37	Set up dial ind., CMM, transit system	26*		02JUL07A	07AUG07A	07AUG07		100	3,006.00	3,006.00																
PHIL-38	Install all shims and adjust bushings	2			31JUL07A	07AUG07		100	2,404.80	2,404.80																
PHIL-39	Final align and baseline measurements	3			23AUG07A	10AUG07		100	5,410.80	5,410.80																
PHIL-40	Perform 25% of welding & measure	2			27AUG07A	14AUG07		100	2,404.80	2,404.80																
PHIL-41	Perform 50% of welding & measure	2			29AUG07A	16AUG07		100	2,404.80	2,404.80																
PHIL-42	Perform 75% of welding & measure	2			31AUG07A	20AUG07		100	2,404.80	2,404.80																
PHIL-43	finish welding & measure	2			05SEP07A	22AUG07		100	2,404.80	2,404.80																
PHIL-44	Analyze data; write report	14		19SEP07A	28SEP07A	12SEP07		100	0.00	0.00																
R1810-2050	Consulting support for welding trials	63*		02JUL07A	28SEP07A	12SEP07		100	89,320.00	89,320.00																
R1810-2003	Trial tensioning test on prototype with UT	3	1		11JUL07A	11JUL07		100	6,834.00	6,834.00																
R1810-2005	Trial bushing and shim test on prototype	12	1		31JUL07A	31JUL07		100	20,588.00	20,588.00																
R1810-2011	Alignment mechanisms, metro equip & positioning	390*	1	04SEP07A	31MAR09	31MAR09	878	LOE	3,088.66	63,033.85																
R1810-2013	Procure alignment mechanisms, fiducials, lifting	390*	1	04SEP07A	31MAR09	31MAR09	878	LOE	3,213.93	65,590.33																
R1810-2052	Bushing test B-C	7	1		26JUL07A	26JUL07		100	8,416.80	8,416.80																

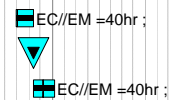
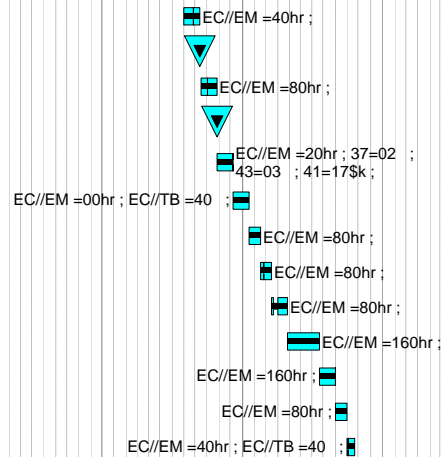
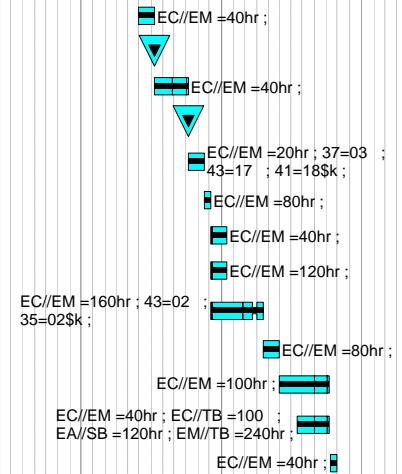
Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	FY				
											FY08	FY09	FY10	FY11	
S21-11.07M	Complete 1st MCHP Assy (Sta 2)	0	1		31JUL08	09MAY08	-57		0.00	0.00					
Station 2 MC Sub Assy A2-B2-C2															
A-B Assembly															
S22-6.01	A2 ðAö flange dwn, 20deg fixt.Obtain fiduci	1	1	02MAY08	02MAY08	13FEB08	-53		0.00	1,602.20					
S22-6.02	Align to the conical seats locking into a min of	1	1	05MAY08	05MAY08	14FEB08	-53		0.00	0.00					
S22-6.03	Measure monuments on fixture and on the walls.	2	1	06MAY08	07MAY08	18FEB08	-53		0.00	0.00					
S22-6.04	Place alumina grind inboard weld shims on coil.	2	1	08MAY08	09MAY08	20FEB08	-53		0.00	3,204.40					
S22-6.05	Lower the Type-B coil onto the Type-A coil.	1	1	12MAY08	12MAY08	21FEB08	-53		0.00	1,602.20					
S22-6.06	Meas monuments on A coil. Jack to within .002ö	1	1	13MAY08	13MAY08	22FEB08	-53		0.00	0.00					
S22-6.07	Perform the X-Y positioning of the B coil.	1	1	14MAY08	14MAY08	25FEB08	-53		0.00	0.00					
S22-6.08	Install studs, supernuts, torque to 50% of final	2	1	15MAY08	16MAY08	27FEB08	-53		0.00	3,204.40					
S22-6.09	"wiggle" test Tighten bolt and recheck.	1	1	19MAY08	19MAY08	28FEB08	-53		0.00	1,602.20					
S22-6.1	Meas tooling balls on both coils. max devi .007ö	5	1	20MAY08	27MAY08	06MAR08	-53		0.00	0.00					
S22-6.11	adjust shims locally. Re-torque all studs to 50%	3	1	28MAY08	30MAY08	11MAR08	-53		0.00	4,806.60					
S22-6.12	Install bushings	10	1	02JUN08	13JUN08	25MAR08	-53		0.00	16,022.00					
S22-6.13	Complete tightening of flange bolts to 100%.	1	1	16JUN08	16JUN08	26MAR08	-53		0.00	1,602.20					
S22-6.14	Measure the tooling balls on both coils.	3	1	17JUN08	19JUN08	31MAR08	-53		0.00	0.00					
S22-6.15	Scan the ðBö flange of Type-B coil	1	1	20JUN08	20JUN08	01APR08	-53		0.00	1,602.20					
AB - C Assembly															
S22-7.01	ðA/Bö assy ðAö coil dwn, 40deg fixt.Obtain fiduc	2	1	23JUN08	24JUN08	03APR08	-53		0.00	3,204.40					
S22-7.02	Align to the conical seats locking into min of 8	1	1	25JUN08	25JUN08	04APR08	-53		0.00	0.00					
S22-7.03	Measure monuments on fixture and walls.	2	1	26JUN08	27JUN08	08APR08	-53		0.00	0.00					
S22-7.04	Place alumin grind inboard weld shims on coil.	2	1	30JUN08	01JUL08	10APR08	-53		0.00	3,204.40					
S22-7.05	Lower the Type-C coil onto the Type-B coil.	1	1	02JUL08	02JUL08	11APR08	-53		0.00	1,602.20					
S22-7.06	Meas monuments on A coil for displacements.	1	1	03JUL08	03JUL08	14APR08	-53		0.00	0.00					
S22-7.07	Perform the X-Y positioning of the coil.	1	1	07JUL08	07JUL08	15APR08	-53		0.00	1,602.20					
S22-7.08	Install studs, supernuts, torque to 50% of fina	2	1	08JUL08	09JUL08	17APR08	-53		0.00	3,204.40					
S22-7.09	"wiggle" test Tighten bolt and recheck.	1	1	10JUL08	10JUL08	18APR08	-53		0.00	1,602.20					
S22-7.1	Measure the tooling balls on all coils.	5	1	11JUL08	17JUL08	25APR08	-53		0.00	0.00					
S22-7.11	Install bushings Replace nut and tighten to 50%	10	1	18JUL08	31JUL08	09MAY08	-53		0.00	16,022.00					
S22-7.12	Complete tightening of flange bolts to 100%.	1	1	01AUG08	01AUG08	12MAY08	-53		0.00	1,602.20					
S22-7.13	Measure the tooling balls on both coils.	4	1	04AUG08	07AUG08	16MAY08	-53		0.00	0.00					
Tack Weld Inboard Welded hms															
S22-8.01	Tack weld all inboard shims to one flange	1	1	08AUG08	08AUG08	19MAY08	-53		0.00	1,602.20					
Complete Local Service & interface details															
S22-10.01	Install all wing support bladders	2	1	11AUG08	12AUG08	21MAY08	-53		0.00	3,204.40					
S22-10.02	local service connections on each MC.	8	1	13AUG08	22AUG08	03JUN08	-53		0.00	12,817.60					
S22-10.03	Inject stycast to fill in all shim spaces	1	1	25AUG08	25AUG08	04JUN08	-53		0.00	1,602.20					
Final Measurements/Transfer to Holding Area															
S22-11.01	Install or identify three primary fiducials	1	1	26AUG08	26AUG08	05JUN08	-53		0.00	1,602.20					
S22-11.02	Final metrology measurement of all fiducials.	5	1	27AUG08	03SEP08	12JUN08	-53		0.00	0.00					

Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	Fiscal Year					
											FY08	FY09	FY10	FY11		
S51-14.03	Transfer Period 1 to Station 6 in NCSX tTC.	1	2	19AUG09	19AUG09	29MAY09	-52		0.00	3,298.40					EM/TB =40hr ;	
S51-14.03M	Complete 1st Field Period Assy (Sat. 5)	0	2		19AUG09	29MAY09	-52		0.00	0.00					▼	
Station 5- Final FP Assy -FP#2 (in NCSX TC)																
S52-1.01	cut off short dome	2	1	02JUN09	03JUN09	13MAR09	-48		0.00	3,298.40					EM/TB =40hr ;	
S52-1.02	Install insulation system around all ports.	0	1	04JUN09	03JUN09	13MAR09	-48		0.00	0.00					EM/TB =00hr ;	
S52-1.03	Install heat tape and theomocouples on all ports	0	1	04JUN09	03JUN09	13MAR09	-48		0.00	0.00					EM/TB =00hr ;	
S52-2.01	Install period support fixture	2	1	04JUN09	05JUN09	17MAR09	-48		0.00	3,298.40					EM/TB =40hr ;	
S52-2.02	Install FPA on support stand.	2	1	08JUN09	09JUN09	19MAR09	-48		0.00	3,298.40					EM/TB =40hr ;	
S52-2.03	Install external working platforms	4	1	10JUN09	15JUN09	25MAR09	-48		0.00	6,596.80					EM/TB =80hr ;	
S52-2.04	Install internal VV working platforms	3	1	16JUN09	18JUN09	30MAR09	-48		0.00	4,947.60					EM/TB =60hr ;	
S52-3.01	Install the domes (left and right side),	2	1	19JUN09	22JUN09	01APR09	-48		0.00	3,298.40					EM/TB =40hr ;	
S52-3.02	Install small dome ports remaining circ ports.	30	1	23JUN09	04AUG09	13MAY09	-48		0.00	49,476.00					EM/TB =600hr ;	
S52-3.03	Leak check each port after it is welded.	30	1	15JUL09	25AUG09	04JUN09	-48		0.00	49,476.00					EM/TB =600hr ;	
S52-4.01	Install boots on ports except for the two port	16	1	14AUG09	04SEP09	16JUN09	-48		0.00	26,387.20					EM/TB =320hr ;	
S52-5.01	Install MC lead connections on each of the MC's	1	2	08SEP09	08SEP09	17JUN09	-48		0.00	0.00					EM/TB =00hr ;	
S52-5.02	Install MC coolant lines on each MC	6	2	09SEP09	16SEP09	25JUN09	-48		0.00	19,790.40					EM/TB =240hr ;	
S52-5.03	Platforms may need to be altered	1	2	17SEP09	17SEP09	26JUN09	-48		0.00	4,947.60					EM/TB =60hr ;	
S52-6.01	Rotate 2 TF coils over the MC on the right side	1	2	18SEP09	18SEP09	29JUN09	-48		0.00	3,298.40					EM/TB =40hr ;	
S52-6.02	Attach the temp support at end of Type-C MC	1	2	21SEP09	21SEP09	30JUN09	-48		0.00	1,649.20					EM/TB =20hr ;	
S52-6.03	Lower leveler pad disengage base of MC right sid	0	2	22SEP09	21SEP09	30JUN09	-48		0.00	0.00					EM/TB =00hr ;	
S52-6.04	Install TF support brackets	1	2	22SEP09	22SEP09	01JUL09	-48		0.00	3,298.40					EM/TB =40hr ;	
S52-6.05	Secure First TF assy	1	2	23SEP09	23SEP09	02JUL09	-48		0.00	1,649.20					EM/TB =20hr ;	
S52-6.06	Install TF support brackets	1	2	24SEP09	24SEP09	06JUL09	-48		0.00	3,298.40					EM/TB =40hr ;	
S52-6.07	Secure 2nd TF coil	1	2	25SEP09	25SEP09	07JUL09	-48		0.00	1,649.20					EM/TB =20hr ;	
S52-6.08	Install machine support plates	2	2	28SEP09	29SEP09	09JUL09	-48		0.00	4,947.60					EM/TB =60hr ;	
S52-6.09	Reinstall leveler pad	0	2	30SEP09	29SEP09	09JUL09	-48		0.00	0.00					EM/TB =00hr ;	
S52-6.1	Installed one side of the TF support brackets	1	2	30SEP09	30SEP09	10JUL09	-48		0.00	1,649.20					EM/TB =20hr ;	
S52-7.01	The TF installation on the left side	6	2	01OCT09	08OCT09	20JUL09	-48		0.00	22,167.60					EM/TB =260hr ;	
S52-8.01	Perform a fit-up check of the four TF coils	3	2	09OCT09	13OCT09	23JUL09	-48		0.00	8,526.00					EM/TB =100hr ;	
S52-9.01	Tack weld the left and right port 4's.	1	2	14OCT09	14OCT09	24JUL09	-48		0.00	3,410.40					EM/TB =40hr ;	
S52-9.02	Install boots on both port 4's.	2	2	15OCT09	16OCT09	28JUL09	-48		0.00	6,820.80					EM/TB =80hr ;	
S52-10.01	Install PF coil support structure	4	2	19OCT09	22OCT09	03AUG09	-48		0.00	13,641.60					EM/TB =160hr ;	
S52-11.01	Install tMC coolant manifold	2	2	23OCT09	26OCT09	05AUG09	-48		0.00	5,115.60					EM/TB =60hr ;	
S52-11.02	Connect MC coolant lines to the manifold	10	2	27OCT09	09NOV09	19AUG09	-48		0.00	34,104.00					EM/TB =400hr ;	
S52-12.01	Install Rogowski coils	3	2	10NOV09	12NOV09	24AUG09	-48		0.00	8,526.00					EM/TB =100hr ;	
S21-9.01	Install trim coil and supports	3	2	13NOV09	17NOV09	27AUG09	-48		0.00	10,231.20					EM/TB =120hr ;	
S52-13.01	Obtain set of Period 1 align fiducial positions	2	2	18NOV09	19NOV09	31AUG09	-48		0.00	0.00					EM/TB =00hr ; ZMET =100 ;	
S52-13.02	align to tooling balls on each MCHP	1	2	20NOV09	20NOV09	01SEP09	-48		0.00	0.00					EM/TB =00hr ; ZMET =20 ;	
S52-13.03	bring the VV into proper alignment	2	2	23NOV09	24NOV09	03SEP09	-48		0.00	6,820.80					EM/TB =80hr ;	

Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	FY			
											FY08	FY09	FY10	FY11
38 - Electron Beam (EB) Mapping														
Job: 3801 - Electron Beam Mapping-STRATTON														
380-010	E-beam mapping- Prelim Design	40		02MAR09*	24APR09	24APR09	114		0.00	44,761.80				
380-015	E-beam mapping - PDR	1	R	27APR09	27APR09	27APR09	114		0.00	0.00				
380-100	E-beam mapping-Final Design	40		28APR09*	23JUN09	23JUN09	114		0.00	56,544.80				
380-110	E-beam mapping - FDR	1	R	24JUN09	24JUN09	24JUN09	114		0.00	0.00				
380-115	E-beam mapping-Procure Rack	65		01OCT09*	13JAN10	13JAN10	46		0.00	47,369.60				
380-120	E-beam mapping-Procure Ports	65		01OCT09	13JAN10	13JAN10	46		0.00	5,728.00				
380-130	E-beam mapping-Procure Data Acquisition	65		01OCT09*	13JAN10	13JAN10	46		0.00	14,320.00				
380-135	E-beam mapping- Assemble	65		14JAN10*	14APR10	14APR10	46		0.00	94,239.24				
380-135M	E-beam mapping apparatus ready for Installation	0			14APR10	14APR10	46		0.00	0.00				
39 - Diagnostics Integration														
Job: 3901 - Diagnostics sys Integration-STRATTON														
390-03	LOE Support FY07	106*		01MAY07A	28SEP07A	28SEP07		LOE	11,359.44	11,359.44				
390-04	LOE Support FY08	249*		01OCT07*	29SEP08	29SEP08	1,000	LOE	0.00	29,228.35				
390-05	LOE Support FY09	247*		01OCT08*	28SEP09	28SEP09	752	LOE	0.00	30,084.70				
390-06	LOE Support FY10	246*		01OCT09*	28SEP10	28SEP10	504	LOE	0.00	62,037.90				
41 - AC Power														
Job: 4101 - AC Power-RAMAKRISHNAN														
411 - Auxiliary AC Power Systems														
4101-100.1	Prepare Preliminary One line diagram	173		01OCT08*	12JUN09	12JUN09	37		0.00	1,390.80				
411-1-100	Ex-Test cell AC pwr-Reactiv.&new instl	210		02JAN09*	27OCT09	27OCT09	114		0.00	12,652.35				
411-2-2	Grounding-Dsn	65		02JAN09*	02APR09	02APR09	87		0.00	32,604.96				
411-2-4	Grounding-Procure	107		18AUG09*	28JAN10	28JAN10	70		0.00	14,218.60				
411-2-6	Grounding-Install	43		29JAN10*	30MAR10	30MAR10	70		0.00	46,659.48				
411-2-8	Grounding-Commission	29		31MAR10*	10MAY10	10MAY10	70		0.00	16,166.80				
411-3-2	Test Cell AC Power Distr-Dsn**GPP**	90		02JAN09*	07MAY09	07MAY09	104		0.00	0.00				
411-3-4	TC AC Pwr Distr-Procure(pnl&xfrms)**GPP**	65		08MAY09	10AUG09	10AUG09	104		0.00	0.00				
411-3-6	Test Cell AC Power Distr-Install**GPP**	65		11AUG09	10NOV09	10NOV09	104		0.00	0.00				
411-3-8	Test Cell AC Power Distr-Commission**GPP**	45		11NOV09*	26JAN10	26JAN10	104		0.00	0.00				
412 - Experimental AC Power Systems														
412-1-2	C-site Pulsed AC Power Distr-Dsn	65		02MAR09*	01JUN09	01JUN09	46		0.00	4,832.00				
412-1-4	C-site Pulsed AC Power Distr-Procure	94*		18AUG09	11JAN10	11JAN10	37		0.00	7,102.29				
412-1-6	C-site Pulsed AC Power Distr-Install	40		12JAN10	08MAR10	08MAR10	37		0.00	11,553.36				

Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	FY				
											FY08	FY09	FY10	FY11	
451-2-2.1	Final Design C-Site	149		19DEC08	28JUL09	28JUL09	146		0.00	29,096.80					
451-1-2	Calculations-Dsn	149		22OCT08*	01JUN09	01JUN09	186		0.00	8,130.56					
451-202.2	Power systems C-Site - FDR	0	R		28JUL09	28JUL09	146		0.00	0.00					
451-4-2	Final Dsn AC auxiliaries & grounding-Dsn	45		15JUN09	17AUG09	17AUG09	37		0.00	12,080.00					
451-402.1	AC auxiliaries & grounding - FDR	0	R		17AUG09	17AUG09	37		0.00	0.00					
452 - Electrical Systems Support															
452-1-2	Diagnostics AC Power Distr-Dsn	40		02MAR09*	24APR09	24APR09	170		0.00	34,033.60					
452-1-4	Diagnostics AC Power Distr-Procure	40		27APR09	22JUN09	22JUN09	170		0.00	2,384.36					
452-1-6	Diagnostics AC Power Distr-Install	130		23JUN09	06JAN10	06JAN10	170		0.00	78,393.29					
452-1-8	Diagnostics AC Power Distr-Commission	30		07JAN10	17FEB10	17FEB10	170		0.00	29,816.40					
452-2-2	Diagnostics sensor cabling-Dsn	43		01MAY09*	01JUL09	01JUL09	205		0.00	24,033.12					
452-2-4	Diagnostics sensor cabling-Procure	65		02JUL09	02OCT09	02OCT09	205		0.00	2,796.15					
452-2-6	Diagnostics sensor cabling-Install	43		05OCT09	04DEC09	04DEC09	205		0.00	21,064.80					
452-2-8	Diagnostics sensor cabling-Commission	10		07DEC09	18DEC09	18DEC09	205		0.00	6,554.16					
453 - System Testing (PTP's)															
453-1-2	New Procedures	90		01JUL09*	05NOV09	05NOV09	134		0.00	24,269.34					
453-1-3	Preop Testing-Procure test equipt	65		03AUG09*	02NOV09	02NOV09	217		0.00	28,187.69					
453-1-4	TF Coil Test	20		13DEC10*	17JAN11	18OCT10	-57		0.00	19,528.70					
453-1-5	PF Coil Test	20		13DEC10*	17JAN11	18OCT10	-57		0.00	19,528.70					
453-1-6	Trim Coil Coil Test	20		13DEC10*	17JAN11	18OCT10	-57		0.00	18,794.70					
453-1-8	Testing PTPs, ISTPs	100		18AUG10*	17JAN11	18OCT10	-57		0.00	162,347.74					
51 - Network and Fiber Infrastructure															
Job: 5101 - Network and Fiber Infrastruct-SICHTA															
R51-10	Preliminary Design	30		01JUL09*	12AUG09	12AUG09	93		0.00	4,652.70					
R51-11	PDR	0	R		12AUG09	12AUG09	93		0.00	0.00					
R51-20	Final Design	60		13AUG09	05NOV09	05NOV09	93		0.00	4,721.21					
R51-21	FDR	0	R		05NOV09	05NOV09	93		0.00	0.00					
R51-30	Procurement	60		06NOV09	11FEB10	11FEB10	93		0.00	52,884.80					
R51-50	Installation	60		12FEB10	06MAY10	06MAY10	93		0.00	83,587.00					
R51-60	Test	14		07MAY10	26MAY10	26MAY10	93		0.00	4,766.40					

Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	FY			
											FY08	FY09	FY10	FY11
52 - Central Instrumentation & Control														
Job: 5201 - I&C Systems-SICHTA														
R52-10	Preliminary Design	30		02MAR09*	10APR09	10APR09	49		0.00	6,203.60				
R52-11	PDR	0	R		10APR09	10APR09	49		0.00	0.00				
R52-20	Final Design	60		13APR09	07JUL09	07JUL09	49		0.00	6,203.60				
R52-21	FDR	0	R		07JUL09	07JUL09	49		0.00	0.00				
R52-30	Procurement	30		08JUL09	18AUG09	18AUG09	49		0.00	33,500.80				
R52-40	EPICS Programming - Base	10		19AUG09	01SEP09	01SEP09	49		0.00	12,407.20				
R52-50	EPICS Programming - VDCT db editor	30		02SEP09	14OCT09	14OCT09	229		0.00	6,273.87				
R52-60	IOC Programming - MDSplus data & events	30		02SEP09	14OCT09	14OCT09	229		0.00	18,821.60				
R52-70	OPC - EPICS/PLC Interface	90		02SEP09	20JAN10	20JAN10	49		0.00	28,002.44				
R52-80	Appl. Programming-T/C	30		21JAN10	03MAR10	03MAR10	49		0.00	12,828.80				
R52-90	Programming - misc.	90		04MAR10	09JUL10	09JUL10	49		0.00	16,036.00				
R52-100	Installation	60		15APR10	09JUL10	09JUL10	49		0.00	49,987.20				
R52-110	Test	14		12JUL10	29JUL10	29JUL10	49		0.00	6,414.40				
53 - Data Acquisition & Facility Computing														
Job: 5301 - Data Acquisition-SICHTA														
R53-10	Preliminary Design	30		01MAY09*	12JUN09	12JUN09	55		0.00	6,203.60				
R53-11	PDR	0	R		12JUN09	12JUN09	55		0.00	0.00				
R53-20	Final Design	30		15JUN09	27JUL09	27JUL09	55		0.00	12,407.20				
R53-21	FDR	0	R		27JUL09	27JUL09	55		0.00	0.00				
R53-30	Procurement	30		28JUL09	08SEP09	08SEP09	55		0.00	30,352.80				
R53-40	Installation	30		09SEP09	20OCT09	20OCT09	55		0.00	3,063.79				
R53-50	MDSplus Installation	20		21OCT09	17NOV09	17NOV09	55		0.00	12,828.80				
R53-60	MDSplus Programming - Tree Design	20		18NOV09	17DEC09	17DEC09	55		0.00	12,828.80				
R53-70	MDSplus Programming - Shot Sync	20		18DEC09	26JAN10	26JAN10	55		0.00	12,828.80				
R53-110	Programming - Misc.	60		27JAN10	20APR10	20APR10	55		0.00	25,657.60				
R53-80	MDSplus Programming - Dispatcher	30		21APR10	02JUN10	02JUN10	55		0.00	25,657.60				
R53-90	MDSplus Programming - Acquisition	20		03JUN10	30JUN10	30JUN10	55		0.00	12,828.80				
R53-120	Test	14		01JUL10	21JUL10	21JUL10	55		0.00	9,532.80				
54 - Facility Timing & Synchronization														
Job: 5401 - Facility Timing & Synchron.-SICHTA														
R54-10	Preliminary System Design	30		01JUL09*	12AUG09	12AUG09	43		0.00	6,203.60				
R54-11	PDR	0	R		12AUG09	12AUG09	43		0.00	0.00				
R54-20	Final SystemDesign	40		13AUG09	08OCT09	08OCT09	43		0.00	6,235.22				



Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	FY					
											FY08	FY09	FY10	FY11		
R54-21	FDR	0	R		08OCT09	08OCT09	143		0.00	0.00						
R54-30	Preliminary Design - Clock Dist.	20		09OCT09	05NOV09	05NOV09	143		0.00	10,593.20						
R54-40	Final Design - Clock Dist.	30		06NOV09	21DEC09	21DEC09	143		0.00	25,365.20						
R54-50	Test - Clock Dist.	40		26FEB10	22APR10	22APR10	103		0.00	31,617.80						
R54-60	Procurement	90		09OCT09	25FEB10	25FEB10	53		0.00	36,330.40						
R54-70	UNT - Timing & Seq Emulation (FPGA Pgm)	90		02NOV09*	19MAR10	19MAR10	127		0.00	12,473.60						
R54-80	UNT - Device Driver Prog (EPICS/MDSplus)	120		08DEC09	04JUN10	04JUN10	43		0.00	25,657.60						
R54-90	Central Clock (EPICS) Programming	30		07JUN10	19JUL10	19JUL10	43		0.00	12,828.80						
R54-100	Installation	90		26FEB10	02JUL10	02JUL10	53		0.00	27,987.20						
R54-110	Test	14		20JUL10	06AUG10	06AUG10	43		0.00	9,532.80						
55 - Real Time Plasma & Power Supply Control Sys																
Job: 5501 - Real Time Control System-SICHTA																
R55-10	FCPC - Preliminary Design	30		03AUG09*	14SEP09	14SEP09	71		0.00	6,203.60						
R55-11	PDR	0	R		14SEP09	14SEP09	71		0.00	0.00						
R55-20	FCPC -Final Design	60		15SEP09	09DEC09	09DEC09	71		0.00	12,744.48						
R55-21	FDR	0	R		09DEC09	09DEC09	71		0.00	0.00						
R55-30	FCPC - Procurement	60		10DEC09	15MAR10	15MAR10	71		0.00	13,550.20						
R55-40	FCPC LabVIEW Programming	30		26MAR10	06MAY10	06MAY10	93		0.00	19,243.20						
R55-45	FCPC PLC Integration-EPICS Prog.	30		26MAR10	06MAY10	06MAY10	93		0.00	6,414.40						
R55-50	FCPC - Installation	60		16MAR10	08JUN10	08JUN10	71		0.00	9,532.80						
R55-60	FCPC -Test	14		09JUN10	28JUN10	28JUN10	71		0.00	7,973.60						
R55-70	GISRTC - Preliminary Design	30		01JUL09*	12AUG09	12AUG09	63		0.00	6,203.60						
R55-71	PDR	0	R		12AUG09	12AUG09	63		0.00	0.00						
R55-80	GISRTC -Final Design	60		13AUG09	05NOV09	05NOV09	63		0.00	3,147.47						
R55-81	FDR	0	R		05NOV09	05NOV09	63		0.00	0.00						
R55-90	GISRTC - Procurement	60		06NOV09	11FEB10	11FEB10	63		0.00	13,550.20						
R55-100	GISRTC LabVIEW Programming	30		12FEB10	25MAR10	25MAR10	63		0.00	19,243.20						
R55-110	GISRTC - Installation	60		26MAR10	18JUN10	18JUN10	63		0.00	7,829.28						
R55-120	GISRTC -Test	14		21JUN10	09JUL10	09JUL10	63		0.00	3,207.20						
56 - Central Safety and Interlock Systems																
Job: 5601 - Central Safety & Interlock Sys-SICHTA																
R56-10	Requirements, Codes&Standards	60		01JUN09*	24AUG09	24AUG09	39		0.00	6,203.60						
R56-20	Preliminary Design	30		25AUG09	06OCT09	06OCT09	39		0.00	6,231.71						
R56-21	PDR	0	R		06OCT09	06OCT09	39		0.00	0.00						
R56-30	PLC Training	60		07OCT09	12JAN10	12JAN10	159		0.00	15,374.80						
R56-35	Final Design	30		07OCT09	17NOV09	17NOV09	39		0.00	22,450.40						

Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	FY				
											FY08	FY09	FY10	FY11	
R56-36	FDR	0	R		17NOV09	17NOV09	39		0.00	0.00					
R56-40	Procurement	60		18NOV09	23FEB10	23FEB10	39		0.00	49,062.40					
R56-50	PLC Programming	90		24FEB10	30JUN10	30JUN10	39		0.00	19,243.20					
R56-60	Installation	70		24FEB10	02JUN10	02JUN10	59		0.00	87,412.00					
R56-70	Test	30		01JUL10	12AUG10	12AUG10	39		0.00	15,947.20					
R56-70M	Compl Central Safety&Interlock Sys Pre-ops Tests	0			12AUG10	12AUG10	39		0.00	0.00					
58 - Central I&C management and Integration															
Job: 5801 - Central I&C Integr& Oversight-SICHTA															
R58-10	WBS58 -FY07 Management & Integration LOE	107*		01MAY07A	28SEP07A	01OCT07		LOE	7,035.00	7,035.00					
R58-20	WBS58 -FY08 Management & Integration LOE	250		01OCT07*	30SEP08	30SEP08	999	LOE	0.00	24,107.20					
R58-30	WBS58 -FY09 Management & Integration LOE	249		01OCT08*	30SEP09	30SEP09	750	LOE	0.00	18,610.80					
R58-40	WBS58 -FY10 Management & Integration LOE	248		01OCT09*	30SEP10	30SEP10	502	LOE	0.00	19,243.20					
61 - Water Systems															
Job: 6101 - Water Systems-DUDEK															
613 - Vacuum Pumping System															
6101-100	Design Vac Pmp water sys	20		01OCT08*	28OCT08	28OCT08	258		0.00	13,183.60					
6101-105	Procure Hardware and materials Vac Pmp water sys	90		29OCT08	16MAR09	16MAR09	258		0.00	7,459.09					
6101-110	Fabricate and Install Vac Pmp water sys	40		20APR09*	15JUN09	15JUN09	234		0.00	21,135.28					
6101-115	Test Vac Pmp water sys	22		16JUN09	16JUL09	16JUL09	234		0.00	4,622.40					
62 - Cryogenic Systems															
Job: 6201 - Cryogenic Syst-GETTELFINGER															
621 - LN2-LHe Supply System															
621-101	LN2 - LHe Supply-Preliminary Design	20		01OCT08*	28OCT08	28OCT08	221		0.00	9,256.72					
621-121	LN2 - LHe Supply-Final Design	20		29OCT08	25NOV08	25NOV08	222		0.00	10,244.08					
621-131	LN2 - LHe Supply-Procure Hardware & Materials	65		01OCT09*	13JAN10	13JAN10	124		0.00	40,282.16					
621-141	LN2 - LHe Supply-Fabricate & Assembly	35		14JAN10	03MAR10	03MAR10	124		0.00	20,272.00					
621-151	LN2 - LHe Supply-Title III	100		01OCT09	03MAR10	03MAR10	124	LOE	0.00	7,529.72					
622 - LN2 Coil Cooling Supply															
622-101	LN2 Coil Cooling Supply-Prelim Design	20		01OCT08*	28OCT08	28OCT08	221		0.00	10,984.60					
622-121	LN2 Coil Cooling Supply-Final Design	20		29OCT08	25NOV08	25NOV08	222		0.00	10,984.60					
622-131	LN2 Coil Cooling Supply-Procure Hardware	65		12AUG09*	11NOV09	11NOV09	144		0.00	22,398.49					
622-141	LN2 Coil Cooling Supply-Assemble Skid	25		12NOV09	18DEC09	18DEC09	144		0.00	18,158.80					
622-151	LN2 Coil Cooling Supply-Relocate skid to NCSX TC	25		21DEC09	03FEB10	03FEB10	144		0.00	18,158.80					
622-161	LN2 Coil Cooling Supply-Title III	115		12AUG09	03FEB10	03FEB10	144	LOE	0.00	7,454.33					
623 - GN2 Cryostat Cooling System															
623-100	GN2 Cryostat Cooling Sys Development	30		05JAN09*	13FEB09	13FEB09	122		0.00	87,993.60					
623-101	GN2 Cryostat Cooling Sys-Preliminary Design	30		16FEB09*	27MAR09	27MAR09	122		0.00	18,176.80					

Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	Fiscal Year				
											FY08	FY09	FY10	FY11	
7301-102	Machine platform trial assembly & fitup	30		13NOV08*	06JAN09	06JAN09	16		0.00	119,740.80					
74 - Machine Assembly Planning and Oversight															
Job: 7401 - TC Prep & Mach Assy Planning-PERRY															
Oversight and Supervision															
1802ORNLF	ORNL Title III final machine assy	536*		29JAN09	23MAR11	03JAN11	-57	LOE	0.00	382,661.25					
714.030	LOE Start of assy through thru completion	536*	LOE	29JAN09	23MAR11	03JAN11	-57	LOE	0.00	1,029,153.83					
714.031	Additional supervision for 2nd shift	217*	2	25MAY10	23MAR11	03JAN11	-57	LOE	0.00	262,416.29					
7401ACPWR															
7401ACPWR	Prior ac pwr work reclassified as gpp	356		01MAY07A	31MAY07A	31MAY07A		LOE	-308,300.00	-308,300.00					
714.020	LOE Prior to assy starting	356		01OCT07*	10MAR09	10MAR09	926	LOE	0.00	32,389.94					
714.025	Update Final Assembly Plan	45		03OCT08*	08DEC08	08DEC08	30		0.00	26,480.00					
7502-001	Test Cell 110/208voutlets GPP SCOPE TO COMPLETE	65		15AUG08*	14NOV08	14NOV08	44		0.00	0.00					
75 - Test Cell and Basement Assembly Operations															
Job: 7501 - Construction Support Crew-PERRY															
General Assy Support															
7501-06	Construction Support Crew for 2nd shift	217*	2	25MAY10	23MAR11	03JAN11	-57	LOE	0.00	449,497.30					
7501-05	Construction Support Crew during machine assy	561*		26JAN09	23MAR11	03JAN11	-57	LOE	0.00	964,988.85					
Job: 7503 - Machine Assembly (station 6)-PERRY															
7501-10	Fabricate/Assemble assembly structure	30	1	04DEC08	23JAN09	23JAN09	13		0.00	239,444.80					
7501-10.1	Fab struct to go between assy sleds&FPA's	20	1	04DEC08	09JAN09	09JAN09	23		0.00	239,444.80					
7501-10.2	Assemble 3 FPA support stands	15	1	02DEC08*	22DEC08	04DEC08	0		0.00	63,842.40					
7501-10.3	Assemble 3 VV spool piece support stands	10	1	23DEC08	14JAN09	18DEC08	0		0.00	42,561.60					
7501-10.4	Assemble machine base structure	10	1	15JAN09	28JAN09	12JAN09	0		0.00	42,561.60					
7501-10.4M	Complete Base Support Structure Assembly	0	1		28JAN09	12JAN09	0		0.00	0.00					
7501-10.5	Assemble 3 FPA installation carts	10	1	29JAN09	11FEB09	26JAN09	0		0.00	42,561.60					
7501-10.6	Fab 3 laser support poles	30	1	20NOV08*	13JAN09	13JAN09	70		0.00	73,108.80					
7501-10.7	Fab 3 concrete blocks for testing assy struct	12	1	14JAN09	29JAN09	29JAN09	70		0.00	44,288.32					
7503-010	Begin Assembly Activities	0	1	26JAN09*			3		0.00	0.00					
7503-020	Install Permanent support base and columns	10	1	29JAN09	11FEB09	06FEB09	0		0.00	67,371.00					
7503-015	Install Temp Assembly Structure	15	1	12FEB09	04MAR09	27FEB09	0		0.00	95,763.60					
7503-060	Install Lower PF 4,5&6 into prelim position	1	1	05MAR09	05MAR09	02MAR09	0		0.00	4,814.40					
7503-070	Install 3 Spool Pieces on fixt & test movement	10	1	06MAR09	19MAR09	16MAR09	0		0.00	51,510.80					
7501-10.9	Install test cell metrology site monuments & chk	20	1	20MAR09	16APR09	13APR09	0		0.00	85,123.20					
7501-10.10	Test TC floor deflections with concrete block	15	1	17APR09	07MAY09	04MAY09	0		0.00	73,737.60					
7501-10.8	Exercise assy struc with concrete blocks & metro	20	2	08MAY09	05JUN09	02JUN09	0		0.00	109,528.00					

Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	FY					
											FY08	FY09	FY10	FY11		
7503-472	Install midplane cryostat sections & port boots	8	2	04MAR11	15MAR11	16DEC10	-57		0.00	59,762.40					EM//SM =120hr ; EM//TB =480hr ;	
7503-473	Install cryostat circulation duct	3	2	16MAR11	18MAR11	21DEC10	-57		0.00	19,920.80					EM//SM =40hr ; EM//TB =160hr ;	
730.8200	PTP and Cool down	3	2	21MAR11	23MAR11	03JAN11	-57		0.00	68,103.20					EM//EM =80hr ; EM//SM =80hr ; EM//TB =480hr ;	
730.8200M	Cooldown of Machine	0	2		23MAR11	03JAN11	-57		0.00	0.00						
76 - Tooling Design & Fabrication																
Job: 7601 - Tooling Design & Fabrication-PERRY																
713.020	Lab Fab/Assy/Installation	348		26JAN09*	15JUN10	15JUN10	154		0.00	31,010.80					EM//EM =80hr EM//TB =140hr	
713.030	Tooling,assy fixtures,misc equipt	348		26JAN09*	15JUN10	15JUN10	154		0.00	84,863.97					41=60\$K ;	
713.040	General procurements	348		26JAN09*	15JUN10	15JUN10	154		0.00	63,647.97					41=45\$K ;	
713.050	Welding tools, materials & equipt	348		26JAN09*	15JUN10	15JUN10	154		0.00	113,151.95					41=80\$K ;	
713.060	Torque wrenches and multipliers	348		26JAN09*	15JUN10	15JUN10	154		0.00	119,883.90					41=80\$K ; EM//EM =40hr ;	
81 - Project Management and Control																
Job: 8101 - Project Management &Control-ANDERSON																
FY07 Rebaseline Exercise																
ECP53RBX16	FY07 Rebaseline exercise	0*		01MAY07A	29JUN07A	31MAY07		LOE	4,435.40	4,435.40					R//RM3 =20hr ;	
810.005	Project Management Office PPPL FY07 (LOE)	106*		01MAY07A	28SEP07A	28SEP07		LOE	273,667.61	273,667.61					Hutch =.85 fte rate ; Strykowski =.85 fte rate B//ICB =.4 fte rate ; 35=3\$K ; 41=04\$K ; deputy proj cntrl=.25fte rate	
810.900	Project Management Office PPPL FY08 (LOE)	250*		01OCT07*	30SEP08	30SEP08	999	LOE	0.00	1,034,172.58					Hutch =.50 fte rate ; Strykowski =.85fte rate Pam =.8 fte rate ; 35=10\$K ; 41=10\$K ; Proj mgr=.75 fte rate, deputy p&c=.5fte rate Constr Mgr=.5fte	
810.901	Project Management Office PPPL FY09 (SA LOE)	249*		01OCT08*	30SEP09	30SEP09	423	LOE	0.00	1,157,648.04					Hutch =.50 fte rate ; Strykowsk Pam =.8 fte rate ; 35=10\$K ; 41=10\$K ; proj mgr=1.0 fte rate, deputy constr mgr=.5 fte	
810.909	Project Management Office PPPL FY10 (LOE)	248		01OCT09	30SEP10	30SEP10	423	LOE	0.00	1,074,462.05					Hutch =.25 fte ; Strykowski=.85 fte 35=06\$K ; Pam =.8 fte 41=08\$K ; proj mgr=1.0 fte rate, deputy p&c=.5fte rate constr mgr =.5 fte	
810.910	Project Management Office PPPL FY11 (LOE)	79*		01OCT10	31JAN11	31JAN11	423	LOE	0.00	299,398.44					Hutch =.25 fte ; Strykowski=.85 fte 35=04\$K ; Pam =.5 fte 41=03\$K ; proj mgr=1.0 fte rate, deputy p&c=.5fte rate	
Job: 8102 - NCSX MIE Management ORNL-LYON																
810.104X	Project Management Office ORNL FY07(LOE)	106*		01MAY07A	28SEP07A	28SEP07		LOE	60,420.00	60,420.00					ORNL81 =60\$;	
810.105X	Project Management Office ORNL FY08 (LOE)	248*		02OCT07*	29SEP08	29SEP08	1,000	LOE	0.00	159,000.00					ORNL81 =159k	
810.105Z	Project Management Office ORNL FY09 (LOE)	249		02OCT08*	01OCT09	01OCT09	423	LOE	0.00	160,000.00					ORNL81 =160k	
810.106X	Project Management Office ORNL FY10 (SA LOE)	247		02OCT09	30SEP10	30SEP10	423	LOE	0.00	101,000.00					ORNL81 =101k	
810.106Z	Project Management Office ORNL FY11 (SA LOE)	79*		01OCT10	31JAN11	31JAN11	423	LOE	0.00	18,960.00					ORNL81 =.24k.day	

Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	FY			
											FY08	FY09	FY10	FY11
82 - Project Engineering														
Job: 8202 - Engr Mgmt & Sys Eng Support-REIERSEN														
FY07 Rebaseline Exercise														
ECP53RBX19	FY07 Rebaseline exercise	0*		01MAY07A	25JUN07A	25JUN07		LOE	29,619.10	29,619.10	EA/EM =170hr ;			
820.04X	Engr Management FY07 (LOE)	106*		01MAY07A	28SEP07A	25SEP07		LOE	143,565.52	143,565.52	reiersen=50% loe ; heitzenroeder=50% loe			
820.04Y	Engr management (SA LOE)	827*		01OCT07*	01FEB11	01FEB11	422	LOE	0.00	531,578.18	heitzenroeder			
820.04Z	RLM (WBS 13,15,17) (SA LOE)	106*		01MAY07A	28SEP07A	28SEP07		LOE	20,210.68	20,210.68	reiersen=15% loe			
820.0004Z	RLM (WBS 13,15,17) (SA LOE)	747*		01OCT07*	30SEP10	30SEP10	502	LOE	0.00	114,466.70	heitzenroeder			
820.004Z	Reqmnts mgt & design verification	106*		01MAY07A	28SEP07A	28SEP07		LOE	13,938.40	13,938.40	reiersen=80 hours			
820.00004Z	Reqmnts mgt & design verification	827*		01OCT07*	01FEB11	01FEB11	422	LOE	0.00	148,448.71	reiersen			
820-004Y	RLM (WBS 2,3 & 6) (SA LOE)	747*		01OCT07*	30SEP10	30SEP10	502	LOE	0.00	148,616.69	Dudek=1			
820.004X	RLM (fabrication) (SA LOE)	933*		01MAY07A	01FEB11	01FEB11	422	LOE	84,263.42	739,152.77	Dudek=1			
820.005	RLM (WBS 4 & 5) (SA LOE)	826*		02OCT07*	01FEB11	01FEB11	422	LOE	0.00	178,479.64	vo			
8205FY07	Systems Engineering Support document control	933*		01MAY07A	01FEB11	01FEB11	422	LOE	18,477.07	162,079.56	sin			
8205FY08	Systems Engineering Support (SA LOE)	933*		01MAY07A	01FEB11	01FEB11	422	LOE	32,385.84	284,086.30	sin su			
Job: 8203 - Design Integration-BROWN														
8203FY07	Design Integration ,& metro support	933*		01MAY07A	01FEB11	01FEB11	422	LOE	111,793.21	980,642.23	bro Mc			
8203FY08	CAD Support (SA LOE)	933*		01MAY07A	01FEB11	01FEB11	422	LOE	48,675.12	426,974.76	Bro			
Job: 8204 - Systems Analysis-BROOKS														
8204FY07	Systems Analysis FY07 Analysis for structure dsn	106*		01MAY07A	28SEP07A	28SEP07		LOE	55,753.60	55,753.60	fan=320hrs			
8204FY08	Systems Analysis, studies and tech assurance	932*		01MAY07A	31JAN11	31JAN11	423	LOE	125,199.62	1,098,242.39	Bro Fa EA			
Job: 8205 - Dimensional Control Coordin-ELLIS														
METFY07R1	Dimensional control plans for station 2	90*		01JUN07A	08OCT07	31AUG07	-19	90	75,599.42	83,999.36	EA/EM =480hr ;			
METDCP-3	Dimensional control plans for station 3	30		09OCT07	19NOV07	15OCT07	31		0.00	29,721.60	EA/EM =160hr ;			
METDCP-5	Dimensional control plans for station 5	80		20NOV07	21MAR08	15FEB08	86		0.00	59,443.20	EA/EM =320hr ;			
METDCP-6	Dimensional control plans for station 6	80		24MAR08	15JUL08	09JUN08	86		0.00	89,164.80	EA/EM =480hr ;			
METFY08R	Support FPA Station 2	310*		24JAN08	17APR09	19FEB09	-37	LOE	0.00	90,295.58	ellis =240 hr ea/em=240hrs			
METFY08RX	Support FPA Station 3	375*		03MAR08	27AUG09	08JUN09	-57	LOE	0.00	90,741.38	ellis =240 hr ea/em=240hr			
METFY09	Support FPA Station 5	260*		30JAN09	16FEB10	13NOV09	-57	LOE	0.00	61,899.20	ellis =160hr ea/em=160hr			
METFY10	Support Final Machine Assy	536*		29JAN09	23MAR11	03JAN11	-57	LOE	0.00	94,597.68	ellis =240 hr ea/em=240hr			

Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	FY			
											FY08	FY09	FY10	FY11
Job: 8210 - FY07 Rebaselining tasks														
FY07 Rebaseline Exercise														
ECP53RBX23	FY07 Rebaseline exercise	40		01MAY07A	26JUN07A	26JUN07		LOE	9,049.20	9,049.20	EM//EM =60hr ;			
ECP53RBX25	FY07 Rebaseline exercise	0*		01MAY07A	31MAY07A	31MAY07		LOE	9,765.00	9,765.00				
Job: 8215 Plant Design														
FY07 Rebaseline Exercise														
8210-07	Update plant model	19		01OCT07	25OCT07	28SEP07	1,230		0.00	16,024.40	EM//EM =40hr ; EA//SB =80hr ;			
8210-08	Plant Design FY08	826		01OCT07*	31JAN11	31JAN11	423	LOE	0.00	105,719.02	EM			
85 - Integrated Systems Testing														
Job: 8501 - Integrated Systems Testing-GENTILE														
Startup Documentation														
8501-105	ESHD-5008 Environ, Safety, and Health Manual	0		01MAY07A	01MAY07A	01MAY07A		100	0.00	0.00				
8501-109	100ESH-014 NEPA Review System	0		01MAY07A	01MAY07A	01MAY07A		100	0.00	0.00				
8501-113	ESH-016 Cntrl Haz Energy Sources Lockout Tagout	0		01MAY07A	01MAY07A	01MAY07A		100	0.00	0.00				
8501-117	ENG-030 PPPL Tech Proced for Exper Facilities	0		01MAY07A	01MAY07A	01MAY07A		100	0.00	0.00				
8501-121	100100ENG-032 PPPL Work Planning Procedure	0		01MAY07A	01MAY07A	01MAY07A		100	0.00	0.00				
8501-125	100ENG-033 PPPL Engineering Design Verification	0		01MAY07A	01MAY07A	01MAY07A		100	0.00	0.00				
8501-101	SAD NCSX Safety Assessment Document (SAD)	45		03NOV08*	15JAN09	15JAN09	185		0.00	48,236.80	EM//EM =160hr ; EM//SM =160hr ;			
8501-129	NCSX-XX, Administrative Control of Procedures	30		24NOV08	15JAN09	15JAN09	184		0.00	24,118.40	EM//EM =80hr ; EM//SM =80hr ;			
8501-133	OP-AD-39, Conduct of Operations	10		16JAN09	29JAN09	29JAN09	184		0.00	6,029.60	EM//EM =20hr ; EM//SM =20hr ;			
8501-137	OP-AD-56, Cntrl Equipt & Syst Status (chain of c	10		23JAN09	05FEB09	05FEB09	184		0.00	6,029.60	EM//EM =20hr ; EM//SM =20hr ;			
8501-141	OP-AD-24, Cntrl Workplace Cleanliness D-Site Exp	10		30JAN09	12FEB09	12FEB09	184		0.00	6,029.60	EM//EM =20hr ; EM//SM =20hr ;			
8501-145	OP-AD-31, D- Site Fire Watch Requirements	10		06FEB09	19FEB09	19FEB09	184		0.00	6,029.60	EM//EM =20hr ; EM//SM =20hr ;			
8501-149	OP-AD-03, Experimental Proposals for NCSX	10		13FEB09	26FEB09	26FEB09	184		0.00	6,029.60	EM//EM =20hr ; EM//SM =20hr ;			
8501-153	OP-AD-117 Operation of the NCSX Access System	10		20FEB09	05MAR09	05MAR09	184		0.00	6,029.60	EM//EM =20hr ; EM//SM =20hr ;			
8501-157	NCSX-OP-XX, Prep of Exper Areas for Machine Ops	30		27FEB09	09APR09	09APR09	184		0.00	18,088.80	EM//EM =60hr ; EM//SM =60hr ;			
8501-161	NCSX-OP-XX, Operation of the NCSX TVPS	30		20MAR09	30APR09	30APR09	184		0.00	18,088.80	EM//EM =60hr ; EM//SM =60hr ;			
8501-165	NCSX-OP-XX, Testing NCSX HIS Safe for Access	30		10APR09	21MAY09	21MAY09	184		0.00	18,088.80	EM//EM =60hr ; EM//SM =60hr ;			
8501-169	NCSX-OP-XX, Testing the NCSX Emergency Stop Syst	30		01MAY09	12JUN09	12JUN09	184		0.00	18,088.80	EM//EM =60hr ; EM//SM =60hr ;			
8501-173	NCSX-OP-XX, NCSX Training Matrix	30		22MAY09	06JUL09	06JUL09	184		0.00	18,088.80	EM//EM =60hr ; EM//SM =60hr ;			
8501-177	NCSX-OP-XX, NCSX Ops Guide -Startup and Shutdown	30		15JUN09	27JUL09	27JUL09	184		0.00	18,088.80	EM//EM =60hr ; EM//SM =60hr ;			
8501-181	NCSX-OP-XX, HPP Daily Operations	20		14JUL09	10AUG09	10AUG09	184		0.00	12,059.20	EM//EM =40hr ; EM//SM =40hr ;			
8501-185	NCSX-OP-XX, ACP & PDP Trip Control Settings	20		28JUL09	24AUG09	24AUG09	184		0.00	12,059.20	EM//EM =40hr ; EM//SM =40hr ;			
8501-189	NCSX-OP-G-XX Preparation for NCSX pumpdown	30		11AUG09	22SEP09	22SEP09	184		0.00	18,088.80	EM//EM =60hr ; EM//SM =60hr ;			
8501-193	NCSX-OP-XX Helium H/C System Operations Procedur	30		01SEP09	13OCT09	13OCT09	184		0.00	18,273.30	EM//EM =60hr ; EM//SM =60hr ;			
8501-197	NCSX-OP-G-XX Daily Hi-Pot Test Vacuum Vessel	30		23SEP09	03NOV09	03NOV09	184		0.00	18,580.80	EM//EM =60hr ; EM//SM =60hr ;			
8501-201	ISTP-NCSX-01 Coil EnergizationTests	40		14OCT09	10DEC09	10DEC09	184		0.00	24,938.40	EM//EM =80hr ; EM//SM =80hr ;			
8501-205	OP-ECS-245 FCPC Daily Startup/Shutdown Procedure	20		25NOV09	05JAN10	05JAN10	184		0.00	12,469.20	EM//EM =40hr ; EM//SM =40hr ;			
8501-209	NCSX-XX Leak Checking of NCSX	20		11DEC09	19JAN10	19JAN10	184		0.00	12,469.20	EM//EM =40hr ; EM//SM =40hr ;			

Activity ID	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Budget	Fiscal Year				
											FY08	FY09	FY10	FY11	
920.000	Startup Personnel	76	1	01OCT10	26JAN11	26JAN11	426		0.00	418,829.00					
8501-102	Punch list & CSIS & HIS PTP's complete,	5	1	01OCT10*	07OCT10	07OCT10	5		0.00	0.00					
8501-103	PTP's complete for ECS,HCS,vac pmpg	5	1	08OCT10	14OCT10	14OCT10	5		0.00	0.00					
8501-104	ACC review and ORA	5	1	15OCT10	21OCT10	21OCT10	5		0.00	0.00					
730.1250	PSO Operational Readiness Assessment	0	1		21OCT10	21OCT10	5		0.00	0.00					
8501-301	Configure for Startup ISTEP	5	1	25JAN11	31JAN11	01NOV10	-54		0.00	0.00					
8501-304	Begin Start-up Testing	0	1		03FEB11	04NOV10	-57		0.00	0.00					
8501-305	Coil Testing at room temp	5	1	04FEB11	10FEB11	11NOV10	-57		0.00	0.00					
8501-106	Coil testing @ cryo temp, Pump-down VV	5	1	24MAR11	30MAR11	10JAN11	-57		0.00	0.00					
8501-107	Combined field testing, Make 1st Plasma	5	1	31MAR11	06APR11	17JAN11	-57		0.00	0.00					
8501-108	Vent VV, Config for & instl e-beam mapping	5	1	07APR11	13APR11	24JAN11	-57		0.00	0.00					
8501-306	E-beam mapping	5	1	14APR11	20APR11	31JAN11	-57		0.00	0.00					
8501-110	NCSX Startup Complete	0	1		20APR11	31JAN11	-57		0.00	0.00					
730.9000	CD-4	0	1		23DEC11*	23DEC11*	0		0.00	0.00					
99 - PPPL Allocations															
Job: 8998 - Allocations-STRYKOWSKY															
99.07	PPPL Allocations FY07	LOE	106*	01MAY07A	28SEP07A	28SEP07		LOE	144,040.90	144,040.90					
99.08	PPPL Allocations FY08	LOE	249*	01OCT07*	29SEP08	29SEP08	1,000	LOE	0.00	384,384.00					
99.081	PPPL Allocations FY09	LOE	247*	01OCT08*	28SEP09	28SEP09	752	LOE	0.00	406,232.00					
99.09	PPPL Allocations FY10	SA LOE	248*	01OCT09*	30SEP10	30SEP10	502	LOE	0.00	430,800.00					
99.10	PPPL Allocations FY10		80*	01OCT10*	01FEB11	01FEB11	422	LOE	0.00	88,320.00					
+ Contingency															
			1,014	04SEP07A	28SEP11	28SEP11	254		144,020.00	11,980,020.00					
+ ACtual Cost															
			1,092	01APR03A	31JUL07A	30APR07A			67,178,410.00	67,178,410.00					
+ BA Funding Profile															
			516	04SEP07A	28SEP09	28SEP09	752		16,770,920.00	51,230,920.00					
+															
			1	01OCT07	01OCT07		1,248		0.00	0.00					

