

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	BASELINE FINISH DATE	Shifts	Total Float in days (21 days= 1 mo.)	Percent Complete	Earned value cost (BCWP)	Budget (ECP-53)	FY07												FY08												FY09											
											FY07				FY08				FY09				FY07				FY08				FY09															
											F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J						
ET-71	Coil #1 Shipping	16MAY07	3	18MAY07	05FEB07		234		0.00	0.00																																				
ET-72	1st Article Coil Review	21MAY07	1	21MAY07	28FEB07		234		0.00	0.00																																				
ET-73	Coil #2 Winding	05APR07*	9	17APR07	12JAN07		230		0.00	0.00																																				
ET-74	Coil #2 Ground Insulation	18APR07	6	25APR07	19JAN07		230		0.00	0.00																																				
ET-75	Coil #2 VPI	16MAY07*	5	22MAY07	26JAN07		216		0.00	0.00																																				
ET-76	Coil #2 Wedge-to-Coil VPI	23MAY07	5	30MAY07	02FEB07		216		0.00	0.00																																				
ET-77	Coil #2 Wedge Machining	31MAY07	5	06JUN07	09FEB07		216		0.00	0.00																																				
ET-78	Coil #2 Final Inspection	07JUN07	5	13JUN07	16FEB07		216		0.00	0.00																																				
ET-79	Coil #2 Shipping	14JUN07	2	15JUN07	16MAR07		216		0.00	0.00																																				
ET-80	Coil #3 Winding	08MAY07*	7	16MAY07	23JAN07		213		0.00	0.00																																				
ET-81	Coil #3 Ground Insulation	17MAY07	4	22MAY07	29JAN07		213		0.00	0.00																																				
ET-82	Coil #3 VPI	30MAY07*	5	05JUN07	05FEB07		209		0.00	0.00																																				
ET-83	Coil #3 Wedge-to-Coil VPI	06JUN07	5	12JUN07	12FEB07		209		0.00	0.00																																				
ET-84	Coil #3 Wedge Machining	13JUN07	4	18JUN07	16FEB07		209		0.00	0.00																																				
ET-85	Coil #3 Final Inspection	19JUN07	4	22JUN07	22FEB07		209		0.00	0.00																																				
ET-86	Coil #3 Shipping	25JUN07	2	26JUN07	30MAR07		209		0.00	0.00																																				
+ Everson completed work																																														
		01MAY06A	239	30MAR07A	22DEC06			100	0.00	0.00																																				
FY07 Rebaseline Exercise																																														
ECP53RBX03	FY07 Rebaseline exercise	01MAR07A	65*	31MAY07	31MAY07	0701	584		488.86	1,446.32																										EA/EM =08hr ;										
13ECP44-06	ECP45 FY06 cv	03OCT05A	2	31MAR06A	31MAR06A			100	37,220.00	37,220.00																																				
Job: 1302 - PF Design -KALISH																																														
FY07 Rebaseline Exercise																																														
ECP53RBX02	FY07 Rebaseline exercise	01MAR07A	65*	31MAY07	31MAY07	0701	584		4,888.56	14,463.20																									EA/EM =80hr ;											
1302-PF	Start PF Preliminary Design**ON HOLD UNTIL FY06*	01MAR05A	145	30SEP05A	30SEP05A			100	7,601.50	7,601.50																																				
1302-PFX	Start Preliminary Design	01FEB06A	64*	28APR06A	28APR06A			100	13,524.47	13,524.47																																				
13ECP44-02	ECP45 FY06 cv	03OCT05A	2	31MAR06A	31MAR06A			100	-6,900.00	-6,900.00																																				
1302-200	Complete PF Coil SRD	04JUN07*	20	29JUN07	29JUN07			106	0.00	1,807.90																									kalish=10											
1302-205	Update PF Analysis	02JUL07	40	27AUG07	27AUG07			106	0.00	14,824.78																									kalish=16											
1302-210	PF Coil ICD	02JUL07	40	27AUG07	27AUG07			126	0.00	1,807.90																									kalish=10											
1302-215	Complete PDR PF Dwgs	28AUG07	20	25SEP07	25SEP07			106	0.00	9,039.50																									kalish= 10; rushinski= 40 ;											
1302-220	Prepare for PDR	28AUG07	10	11SEP07	11SEP07			116	0.00	11,570.56																									kalish= 40; rushinski= 16 ; analyst=8											
1302-225	PDR	26SEP07	1	26SEP07	26SEP07			106	0.00	4,338.96																									kalish= 8; rushinski= 8 ; analyst=8											
1302-230	Prepare PF Procurement Coil Spec	27SEP07	20	24OCT07	24OCT07			106	0.00	6,220.90																									kalish=33											
1302-235	Detail Drawings PF4	27SEP07	10	10OCT07	10OCT07			111	0.00	7,506.16																									kalish= 7 ; rushinski= 33											

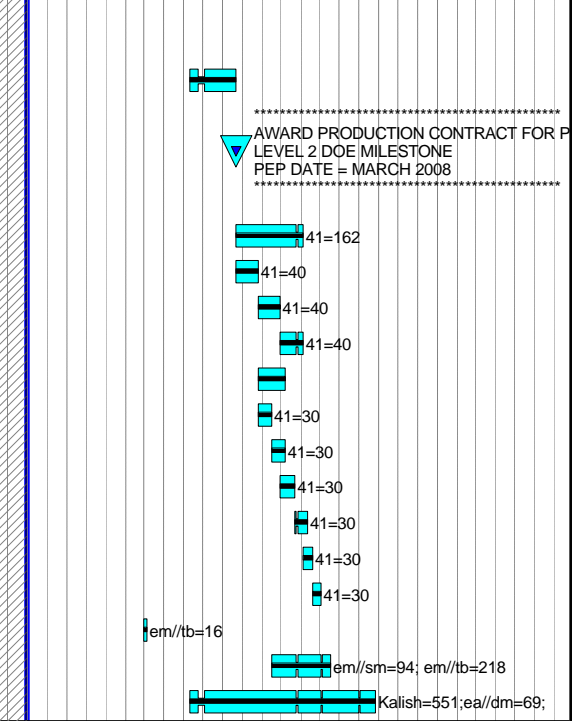
Run Date 03APR07 10:09

- Forecast
- zECP53 baseline schedule
- Progress Bar
- Critical Activity

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	BASELINE FINISH DATE	Shifts	Total Float in days (21 days=1 mo.)	Percent Complete	Earned value cost (BCWP)	Budget (ECP-53)	Gantt Chart																		
											FY07				FY08				FY09										
											F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A
1302-240	Disposition PDR Chits	27SEP07	20	24OCT07	24OCT07		121		0.00	6,220.90	[Gantt Bar] kalish= 33																		
1302-245	Detail Drawings PF5	11OCT07	10	24OCT07	24OCT07		111		0.00	7,574.80	[Gantt Bar] kalish= 7 ; rushinski= 33																		
1302-250	PF Stress analysis with leads	27SEP07	15	17OCT07	17OCT07		126		0.00	17,881.47	[Gantt Bar] kalish= 20 ; analyst=75																		
1302-255	Review PF Coil Procurement Spec	25OCT07	15	14NOV07	14NOV07		106		0.00	3,787.40	[Gantt Bar] kalish=20																		
1302-260	Detail Drawings PF6	25OCT07	10	07NOV07	07NOV07		111		0.00	7,574.80	[Gantt Bar] kalish= 7 ; rushinski= 33 ;																		
1302-265	Prepare for FDR	15NOV07	5	21NOV07	21NOV07		106		0.00	12,498.42	[Gantt Bar] kalish= 40; rushinski= 18 ; analyst=8																		
1302-270	PF FDR	22NOV07	1	22NOV07	22NOV07		106		0.00	4,544.88	[Gantt Bar] kalish=8 ; rushinski= 8 ; analyst=8																		
1302-275	Resolve Chits	23NOV07	10	10DEC07	10DEC07		106		0.00	14,202.75	[Gantt Bar] kalish= 25; rushinski= 25 ; analyst=25																		
133-010	Design WBS 134 Conv Coil I&C	02JUL07*	105	27NOV07	28JUN07		169	10	1,460.05	14,600.48	[Gantt Bar] Kalish =80 ;																		
FY05CV-6	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			100	-22,000.00	-22,000.00																			

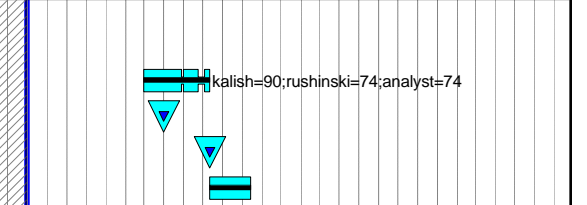
Job: 1352 - PF Coil Procurement-KALISH

PF Coil Fabrication										
141-035	Bid & Award PF Coils	11DEC07*	45	20FEB08	20FEB08		106		0.00	0.00
141-036	PF Coils Awarded		0	20FEB08	20FEB08		106		0.00	0.00
1352-100	Material & leads	21FEB08	75	05JUN08	05JUN08		106		0.00	227,610.00
1352-120	Tooling for PF 6	21FEB08	25	26MAR08	26MAR08		106		0.00	56,200.00
1352-115	Tooling for PF 5	27MAR08	25	30APR08	30APR08		106		0.00	56,200.00
1352-110	Tooling for PF 4	01MAY08*	25	05JUN08	05JUN08		106		0.00	40,000.00
1352-105	Tooling for PF 1,2 and 3 NOT REQ'D USE PF1a	27MAR08	30	07MAY08	07MAY08		351		0.00	0.00
1352-150	Fabricate/Dlvr PF 6 lower	27MAR08	15	16APR08	16APR08		151		0.00	30,000.00
1352-165	Fabricate/Dlvr PF 6 upper	17APR08	15	07MAY08	07MAY08		198		0.00	30,000.00
1352-145	Fabricate/Dlvr PF 5 lower	01MAY08	15	21MAY08	21MAY08		126		0.00	30,000.00
1352-160	Fabricate/Dlvr PF 5 upper	22MAY08	15	12JUN08	12JUN08		173		0.00	30,000.00
1352-140	Fabricate/Dlvr PF 4 lower	06JUN08	10	19JUN08	19JUN08		106		0.00	30,000.00
1352-155	Fabricate/Dlvr PF 4 upper	20JUN08	10	03JUL08	03JUL08		158		0.00	30,000.00
1352-135X	Refurbish NSTX PF1a	01OCT07*	5	05OCT07	05OCT07		333		0.00	1,312.80
722.010	PF Coil receipt inspect/test (formerly wbs 183)	17APR08	65	18JUL08	18JUL08		301		0.00	30,546.82
141-031	Title III engr WBS 132	11DEC07	198	25SEP08	25SEP08		253		0.00	117,409.40

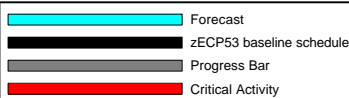


Job: 1354 - Trim Coil Design & Procurement-KALISH

Trim Coils										
1303-TRIM	Trim Coil Design	01OCT07*	65	10JAN08	10JAN08		160		0.00	45,070.06
1303-136	Trim Coil PDR		0	29OCT07	29OCT07		169		0.00	0.00
1303-137	Trim Coil FDR		0	10JAN08	10JAN08		160		0.00	0.00
184-035	Bid & Award Ext Trim Coils	11JAN08	45	13MAR08	13MAR08		160		0.00	0.00



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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	BASELINE FINISH DATE	Shifts	Total Float in days (21 days= 1 mo.)	Percent Complete	Earned value cost (BCWP)	Budget (ECP-53)	FY07												FY08												FY09																																																																																				
											F				M				A				M				J				J				A				S				O				N				D				J				F				M				A				M				J																																												
											LOVETT =10hr ; WILLIAMSON =33hr ;												ORNLEM =20hr ; WILLIAMSON =66hr ;												LOVETT =10hr ; WILLIAMSON =33hr ;												LOVETT =20hr ; WILLIAMSON =66hr ;												LOVETT =10hr ; WILLIAMSON =33hr ;												LOVETT =20hr ; WILLIAMSON =66hr ;												LOVETT =20hr ; WILLIAMSON =66hr ;												COLE =40hr ; WILLIAMSON =33hr ;												ORNLEM =20hr ; WILLIAMSON =66hr ;												LOVETT =10hr ; WILLIAMSON =40hr ;
1416-405	Complete layout of T/Cs and strain gages	01NOV06A	5	31JAN07A	30JAN07			100	7,254.10	7,254.10																																																																																																													
1416-501	Complete models/drawings of coolant line routing	01NOV06A	109*	12APR07	07FEB07		618	90	13,057.38	14,508.20																																																																																																													
1416-502	Check layout of flux loop terminations and revis	01NOV06A	109*	12APR07	07FEB07		618	90	6,528.69	7,254.10																																																																																																													
1416-503	Complete models/drawings of power cable connect	01NOV06A	109*	12APR07	21FEB07		618	90	13,057.38	14,508.20																																																																																																													
1416-504	Complete models/drawings of protective covers	01NOV06A	109*	12APR07	21FEB07		618	90	6,528.69	7,254.10																																																																																																													
1416-505	Drawing callouts for interface hdw (prelim model	01NOV06A	109*	12APR07	21FEB07		618	90	13,057.38	14,508.20																																																																																																													
1416-506	Check and promote top-level models/drawings	17APR07*	5	23APR07	28FEB07		592		0.00	12,315.10																																																																																																													
1416-507	Update, review and approve coil asm spec	01NOV06A	109*	12APR07	28FEB07		618	80	11,606.56	14,508.20																																																																																																													
1416-508	Complete drawing rev to leads, terminal asm (ECN	01NOV06A	109*	12APR07	28FEB07		618	80	6,748.00	8,435.00																																																																																																													
Analysis and closeout documentation																																																																																																																							
1416-601	Prepare EM and structural analysis of leads	02APR07*	9*	12APR07	21FEB07		618		0.00	34,711.68																																																																																																													
1416-602	Design memo KF structural analysis	02APR07*	9*	12APR07	16FEB07		618		0.00	2,699.20																																																																																																													
1416-603	Update, review and approve FMECA	02APR07*	9*	12APR07	16FEB07		618		0.00	5,398.40																																																																																																													
1416-604	Finalize draft documents - materials, eddy curre	02APR07*	9*	12APR07	02MAR07		618		0.00	2,699.20																																																																																																													
1416-605	Prepare Type-ABC closeout FDR	24APR07*	4	27APR07	09MAR07		592		0.00	5,398.40																																																																																																													
1416-606	Resolve FDR comments	30APR07	15	18MAY07	30MAR07		592		0.00	5,398.40																																																																																																													
FY07 Rebaseline Exercise																																																																																																																							
ECP53RBX04	FY07 Rebaseline exercise	02APR07*	43*	31MAY07	31MAY07		584		0.00	1,349.60																																																																																																													
Type C Design Closeout																																																																																																																							
1403-47C	Perform cool-down/warmup analysis	31AUG07*	26	08OCT07	08OCT07		494		0.00	7,310.80																																																																																																													
Job: 1408 - MC Winding Supplies-CHRZANOWSKI																																																																																																																							
+ Prior Costs																																																																																																																							
		01APR03A	943	22DEC06A	22DEC06			100	268,234.76	268,234.76																																																																																																													
+ Copper Conductor																																																																																																																							
		02AUG04A	315	31OCT05A	31OCT05A			100	273,914.27	273,914.27																																																																																																													
+ Insulation for conductor																																																																																																																							
		09JUL04A	245	30JUN05A	30JUN05A			100	26,901.00	26,901.00																																																																																																													
+ Groundwrap Insulation																																																																																																																							
		03JAN05A	41	28FEB05A	28FEB05A			100	25,620.00	25,620.00																																																																																																													
+ Cladding																																																																																																																							
		01MAY05A	379	31OCT06A	01NOV06			100	94,298.25	94,298.25																																																																																																													
+ Lead hardware & Fillers																																																																																																																							
		01JUL05A	372	22DEC06A	01NOV06			100	533,918.28	533,918.28																																																																																																													
+ Chill Plates																																																																																																																							
		28NOV05A	269	22DEC06A	27OCT06			100	93,758.40	93,758.40																																																																																																													
+ Tubing																																																																																																																							
		28NOV05A	41	31JAN06A	31JAN06A			100	2,742.00	2,742.00																																																																																																													

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 Forecast
 zECP53 baseline schedule
 Progress Bar
 Critical Activity

0703

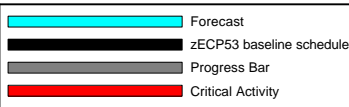
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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	BASELINE FINISH DATE	Shifts	Total Float in days (21 days= 1 mo.)	Percent Complete	Earned value cost (BCWP)	Budget (ECP-53)	Gantt Chart																							
											FY07				FY08				FY09															
											F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J
MCWF-501	B4-MTK-casting	28MAR06A	39*	25MAY06A	25MAY06A			100	142,920.00	142,920.00	[Gantt Chart]																							
MCWF-511	B4-MTM - machining/inspection	26MAY06A	168*	19JAN07A	31JAN07			100	167,910.00	167,910.00	[Gantt Chart]																							
MCWF-521	B4-Receive at PPPL		0	19JAN07A	01FEB07			100	71,000.00	71,000.00	[Gantt Chart]																							
MCWF-531	B5-MTK-casting	13APR06A	56*	30JUN06A	30JUN06A			100	142,920.00	142,920.00	[Gantt Chart]																							
MCWF-541	B5-MTM - machining/inspection	31JUL06A	152*	20FEB07A	01MAR07			100	167,910.00	167,910.00	[Gantt Chart]																							
MCWF-551	B5-Receive at PPPL		0	20FEB07A	02MAR07			100	11,000.00	11,000.00	[Gantt Chart]																							
MCWF-561	B6-MTK-casting	28APR06A	45*	30JUN06A	30JUN06A			100	142,920.00	142,920.00	[Gantt Chart]																							
MCWF-571	B6-MTM - machining/inspection	31JUL06A	213*	06JUN07	02APR07		101	40	67,164.00	167,910.00	[Gantt Chart]																							
MCWF-581	B6-Receive at PPPL		0	07JUN07	03APR07		101		0.00	7,000.00	[Gantt Chart]																							
MCWF-411	A5-MTK-casting	13JAN06A	45*	29MAR06A	29MAR06A			100	142,920.00	142,920.00	[Gantt Chart]																							
MCWF-421	A5-MTM - machining/inspection	01MAY06A	209*	28FEB07A	26APR07			100	167,910.00	167,910.00	[Gantt Chart]																							
MCWF-431	A5-Receive at PPPL		0	06MAR07A	27APR07				6,000.00	6,000.00	[Gantt Chart]																							
MCWF-441	A6-MTK-casting	31JAN06A	64*	20APR06A	20APR06A			100	142,710.00	142,710.00	[Gantt Chart]																							
MCWF-451	A6-MTM - machining/inspection	01MAY06A	229*	26MAR07A	04JUN07			100	155,000.00	155,000.00	[Gantt Chart]																							
MCWF-461	A6-Receive at PPPL		0	06APR07*	05JUN07		190		4,000.00	4,000.00	[Gantt Chart]																							
MCWF-291	C6-MTK-casting	16JUN05A	155*	03FEB06A	03FEB06A			100	142,920.00	142,920.00	[Gantt Chart]																							
MCWF-301	C6-MTM - machining/inspection	03APR06A	262*	18APR07	05JUL07		200	65	109,141.50	167,910.00	[Gantt Chart]																							
MCWF-311	C6-Receive at PPPL		0	19APR07	06JUL07		200		0.00	5,000.00	[Gantt Chart]																							
C-501B1	Last MCWF Delivered		0	07JUN07	06JUL07		579		0.00	0.00	[Gantt Chart]																							
+ Job: 1460 - 3rd Winding Fixture-CHRZANOWSKI												[Gantt Chart]																						
		01OCT06A	48	22DEC06A	22DEC06	1		100	60,428.28	60,428.28	[Gantt Chart]																							
Job: 1451 - Mod Coil Winding-CHRZANOWSKI												[Gantt Chart]																						
Prior Costs												[Gantt Chart]																						
FY05CV-25	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A	XX		100	81,000.00	81,000.00	[Gantt Chart]																							
Station 1 Prep casting & Install Cladding												[Gantt Chart]																						
C1RW	C1 rework	03OCT05A	5	07OCT05A	07OCT05A	1		100	46,385.82	46,385.82	[Gantt Chart]																							
C2RW	type C h/w rework	03APR06A	149*	29SEP06A	29SEP06A	1		100	53,790.00	53,790.00	[Gantt Chart]																							
1451TRAIN	Training for winding teams	25JUL05A	3	29JUL05A	29JUL05A	XX		100	0.00	0.00	[Gantt Chart]																							
P1-001	Rec C1, Prep& Instl Cladding>>@125% 1 shift	10OCT05A	23	24OCT05A	24OCT05A	1		100	54,768.00	54,768.00	[Gantt Chart]																							
P1-091	Receive C2, Prep& Instl Cladding	19DEC05A	26*	26JAN06A	26JAN06A	1		100	44,336.00	44,336.00	[Gantt Chart]																							
P2-091	Receive C3, Prep& Instl Cladding	03MAR06A	16	31MAR06A	31MAR06A	1		100	44,336.00	44,336.00	[Gantt Chart]																							
P3-091	Receive C4, Prep& Instl Cladding	28MAR06A	46*	10MAY06A	10MAY06A	1		100	40,750.00	40,750.00	[Gantt Chart]																							
P1-121	Receive C5, Prep& Instl Cladding	22MAY06A	29*	23JUN06A	23JUN06A	1		100	40,750.00	40,750.00	[Gantt Chart]																							
P2-001	Receive A1, Prep& Instl Cladding	19JUN06A	37*	09AUG06A	09AUG06A	1		100	50,530.00	50,530.00	[Gantt Chart]																							

 LAST MODULAR COIL WINDING FORM DELIVERED
 LEVEL 2 DOE MILESTONE
 SEPTEMBER 2007

Run Date 03APR07 10:09



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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	BASELINE FINISH DATE	Shifts	Total Float in days (21 days= 1 mo.)	Percent Complete	Earned value cost (BCWP)	Budget (ECP-53)	FY07												FY08												FY09											
											FY07				FY08				FY09				FY07				FY08				FY09															
											F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J						
P3-001	Receive A2, Prep& Instl Cladding	24AUG06A	25*	26SEP06A	26SEP06A	2		100	40,750.00	40,750.00																																				
P3-031	Receive A3, Prep& Instl Cladding	11OCT06A	11	25OCT06A	26OCT06	2		100	39,165.00	39,165.00																																				
P1-031	Receive B1, Prep& Instl Cladding	26OCT06A	12	15DEC06A	13NOV06	2		100	48,564.60	48,564.60																																				
P3-121	Receive A4, Prep& Instl Cladding	04JAN07A	40*	21FEB07A	25JAN07	2		100	39,165.00	39,165.00																																				
P2-121	Receive B2, Prep& Instl Cladding	01DEC06A	16	22DEC06A	22DEC06	2		100	39,165.00	39,165.00																																				
P2-061	Receive B3, Prep& Instl Cladding	28FEB07A	23*	09MAR07A	07FEB07	2		100	39,165.00	39,165.00																																				
P2-151	Receive B4, Prep& Instl Cladding	26MAR07A	14*	12APR07	26MAR07	2	105	35	13,707.75	39,165.00																																				
P3-061	Receive B5, Prep& Instl Cladding	13APR07	11	27APR07	10APR07	2	113		0.00	39,165.00																																				
P3-151	Receive B6, Prep& Instl Cladding	08JUN07*	11	22JUN07	16MAY07	2	101		0.00	39,165.00																																				
P1-061	Receive A5, Prep& Instl Cladding	25JUN07*	11	10JUL07	01JUN07	2	109		0.00	39,165.00																																				
P1-151	Receive A6, Prep& Instl Cladding	11JUL07	11	25JUL07	20JUN07	2	125		0.00	39,165.00																																				
P2-031	Receive C6, Prep& Instl Cladding	26JUL07	11	09AUG07	23JUL07	2	133		0.00	39,165.00																																				
Station 2-Winding, Instl Chill Plates,Tubing,Bag																																														
P1-011	Wind coil C1>>@150%	25OCT05A	63*	27JAN06A	27JAN06A	2		100	118,093.50	118,093.50																																				
P1-011J	Complete Winding First Modular Coil		0	19DEC05A	19DEC05A	2		100	0.00	0.00																																				
P1-020	Instl Chill Plates,Tubing, Bag C1>>@150%	31JAN06A	24*	03MAR06A	03MAR06A	2		100	41,402.00	41,402.00																																				
P2-101	Wind coil C-3	31MAR06A	43*	15MAY06A	15MAY06A	2		100	116,463.50	116,463.50																																				
P2-110	Instl Chill Plates,Tubing,Bag C3	16MAY06A	33*	21JUN06A	21JUN06A	2		100	48,655.50	48,655.50																																				
P1-131	Wind coil C5	23JUN06A	37*	30AUG06A	30AUG06A	2		100	99,593.00	99,593.00																																				
P1-140	Instl Chl Plates,Tubing, Bag C5	30AUG06A	21*	26SEP06A	26SEP06A	2		100	48,655.50	48,655.50																																				
P3-011	Wind coil A2	27SEP06A	29	06NOV06A	07NOV06	2		100	99,502.28	99,502.28																																				
P3-020	Instl Chill Plates,Tubing, Bag A2	03NOV06A	15	05DEC06A	30NOV06	2		100	46,763.01	46,763.01																																				
P1-041	Wind coil B1	15DEC06A	31	25JAN07A	22JAN07	2		100	99,087.45	99,087.45																																				
P1-050	Instl Chl Plates,Tubing, Bag B1	26JAN07A	24*	13FEB07A	12FEB07	2		100	46,763.01	46,763.01																																				
P3-131	Wind coil A4	22FEB07A	31*	28MAR07A	27MAR07	2		100	99,087.45	99,087.45																																				
P3-140	Instl Chl Plates,Tubing, Bag A4	29MAR07A	16*	19APR07	17APR07	2	100	10	4,676.30	46,763.01																																				
P2-161	Wind coil B4	20APR07	31	04JUN07	31MAY07	2	100		0.00	99,087.45																																				
P2-170	Instl Chill Plates,Tubing,Bag B4	05JUN07	15	25JUN07	21JUN07	2	100		0.00	46,763.01																																				
P3-161	Wind coil B6	26JUN07	31	08AUG07	06AUG07	2	100		0.00	99,087.45																																				
P3-170	Instl Chill Plates,Tubing,Bag B6	09AUG07	15	29AUG07	27AUG07	2	100		0.00	46,763.01																																				
P1-161	Wind coil A6	30AUG07	31	12OCT07	10OCT07	2	100		0.00	96,708.48																																				
P1-170	Instl Chill Plates,Tubing,Bag A6	15OCT07	15	02NOV07	31OCT07	2	100		0.00	35,117.40																																				
Station 4-Winding, Instl Chill Plates,Tubing,Bag																																														
P1-101	Wind coil C-2>>@125%	27JAN06A	46*	31MAR06A	31MAR06A	2		100	116,463.50	116,463.50																																				

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Forecast
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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	BASELINE FINISH DATE	Shifts	Total Float in days (21 days= 1 mo.)	Percent Complete	Earned value cost (BCWP)	Budget (ECP-53)	FY07												FY08												FY09																																															
											F				M				A				M				J				J				A				S				O				N				D				J				F				M				A				M				J				J			
1459-027	Install Co-wound loop term boxes- B4	02AUG07	1	02AUG07	02AUG07		95		0.00	1,253.28																																																																								
1459-009	Install Co-wound loop term boxes- C4	02AUG07	1	02AUG07	02AUG07		95		0.00	1,253.28																																																																								
1459-033	Install Co-wound loop term boxes- A5	24AUG07	1	24AUG07	24AUG07		128		0.00	1,253.28																																																																								
1459-029	Install Co-wound loop term boxes- B5	24AUG07	1	24AUG07	24AUG07		128		0.00	1,253.28																																																																								
1459-011	Install Co-wound loop term boxes- C5	24AUG07	1	24AUG07	24AUG07		128		0.00	1,253.28																																																																								
1459-035	Install Co-wound loop term boxes- A6	22OCT07	1	22OCT07	22OCT07		88		0.00	1,312.80																																																																								
1459-031	Install Co-wound loop term boxes- B6	22OCT07	1	22OCT07	22OCT07		88		0.00	1,312.80																																																																								
1459-037	Install Co-wound loop term boxes- C6	22OCT07	1	22OCT07	22OCT07		88		0.00	1,312.80																																																																								
Strain gages,cooling tube terminations,TC																																																																																		
1459-002	Strain gages,Thrmcpl,cooling tube term - C1	19JUN07	5	25JUN07	25MAY07		66		0.00	8,226.15																																																																								
1459-004	Strain gages,Thrmcpl,cooling tube term - C2	22MAY07	5	29MAY07	04MAY07		70		0.00	8,226.15																																																																								
1459-006	Strain gages,Thrmcpl,cooling tube term - C3	12JUL07	5	18JUL07	18JUL07		104		0.00	8,226.15																																																																								
1459-008	Strain gages,Thrmcpl,cooling tube term - C4	27JUL07	5	02AUG07	02AUG07		95		0.00	8,226.15																																																																								
1459-010	Strain gages,Thrmcpl,cooling tube term - C5	20AUG07	5	24AUG07	24AUG07		128		0.00	8,226.15																																																																								
1459-012	Strain gages,Thrmcpl,cooling tube term - A1	19JUN07	5	25JUN07	25MAY07		66		0.00	8,226.15																																																																								
1459-014	Strain gages,Thrmcpl,cooling tube term - A2	22MAY07	5	29MAY07	04MAY07		70		0.00	8,226.15																																																																								
1459-016	Strain gages,Thrmcpl,cooling tube term - A3	12JUL07	5	18JUL07	18JUL07		104		0.00	8,226.15																																																																								
1459-018	Strain gages,Thrmcpl,cooling tube term - B1	19JUN07	5	25JUN07	25MAY07		66		0.00	8,226.15																																																																								
1459-020	Strain gages,Thrmcpl,cooling tube term - A4	27JUL07	5	02AUG07	02AUG07		95		0.00	8,226.15																																																																								
1459-022	Strain gages,Thrmcpl,cooling tube term - B2	22MAY07	5	29MAY07	04MAY07		70		0.00	8,226.15																																																																								
1459-024	Strain gages,Thrmcpl,cooling tube term - B3	12JUL07	5	18JUL07	18JUL07		104		0.00	8,226.15																																																																								
1459-026	Strain gages,Thrmcpl,cooling tube term - B4	27JUL07	5	02AUG07	02AUG07		95		0.00	8,226.15																																																																								
1459-028	Strain gages,Thrmcpl,cooling tube term - B5	20AUG07	5	24AUG07	24AUG07		128		0.00	8,226.15																																																																								
1459-030	Strain gages,Thrmcpl,cooling tube term - B6	16OCT07*	5	22OCT07	22OCT07		88		0.00	8,637.75																																																																								
1459-032	Strain gages,Thrmcpl,cooling tube term - A5	20AUG07	5	24AUG07	24AUG07		128		0.00	8,226.15																																																																								
1459-034	Strain gages,Thrmcpl,cooling tube term - A6	16OCT07	5	22OCT07	22OCT07		88		0.00	8,637.75																																																																								
1459-036	Strain gages,Thrmcpl,cooling tube term - C6	16OCT07	5	22OCT07	22OCT07		88		0.00	8,637.75																																																																								
Poloidal Break Hardware																																																																																		
1459-100	Replace Poloidal break h/w on C1	01NOV06A	20	30NOV06A	30NOV06				100	1,253.28	1,253.28																																																																							
1459-102	Replace Poloidal break h/w on C2	02OCT06A	20	31OCT06A	27OCT06				100	1,253.28	1,253.28																																																																							
1459-104	Replace Poloidal break h/w on C3	02OCT06A	20	31OCT06A	27OCT06				100	1,253.28	1,253.28																																																																							
1459-106	Replace Poloidal break h/w on C4	02OCT06A	20	31OCT06A	27OCT06				100	1,253.28	1,253.28																																																																							
1459-108	Replace Poloidal break h/w on C5	02OCT06A	20	31OCT06A	27OCT06				100	1,253.28	1,253.28																																																																							
Casting plugs																																																																																		
1459-150	Repair/install casting plugs C1 (by tech shop)	29JAN07A	23*	28FEB07A	05MAR07				100	2,506.56	2,506.56																																																																							
Rogowski Coil Installation																																																																																		
1459-700	Install Rogowski coil A5	13JUL07	1	13JUL07	19FEB07		158		0.00	1,253.28																																																																								

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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	BASELINE FINISH DATE	Shifts	Total Float in days (21 days= 1 mo.)	Percent Complete	Earned value cost (BCWP)	Budget (ECP-53)	FY07												FY08												FY09																																															
											F				M				A				M				J				J				A				S				O				N				D				J				F				M				A				M				J				J			
1459-702	Install Rogowski coil A6	13JUL07	1	13JUL07	19FEB07		158		0.00	1,253.28	EM/TB = 16																																																																							
Excess material removal/Grinding work																																																																																		
1459-200	Grinding C1 (by tech shop)	02APR07*	1	02APR07	02MAR07		109		0.00	1,253.28	EM/TB = 16																																																																							
1459-202	Grinding C2 (by tech shop)	03APR07	1	03APR07	05MAR07		109		0.00	1,253.28	EM/TB = 16																																																																							
1459-204	Grinding C3 (by tech shop)	04APR07	1	04APR07	06MAR07		177		0.00	1,253.28	EM/TB = 16																																																																							
Bat Insulation installation																																																																																		
1459-400	Install bat insulation C1	01FEB07A	1	28FEB07A	16APR07			100	1,253.28	1,253.28	EM/TB = 16																																																																							
1459-402	Install bat insulation C2	29MAY07	1	29MAY07	04MAY07		70		0.00	1,253.28	EM/TB = 16																																																																							
1459-404	Install bat insulation C3	18JUL07	1	18JUL07	18JUL07		104		0.00	1,253.28	EM/TB = 16																																																																							
1459-406	Install bat insulation C4	02AUG07	1	02AUG07	02AUG07		95		0.00	1,253.28	EM/TB = 16																																																																							
1459-408	Install bat insulation C5	24AUG07	1	24AUG07	24AUG07		128		0.00	1,253.28	EM/TB = 16																																																																							
1459-410	Install bat insulation A1	26JUN07	1	26JUN07	29MAY07		66		0.00	1,253.28	EM/TB = 16																																																																							
1459-412	Install bat insulation A2	29MAY07	1	29MAY07	04MAY07		70		0.00	1,253.28	EM/TB = 16																																																																							
1459-414	Install bat insulation A3	18JUL07	1	18JUL07	18JUL07		104		0.00	1,253.28	EM/TB = 16																																																																							
1459-416	Install bat insulation B1	26JUN07	1	26JUN07	29MAY07		66		0.00	1,253.28	EM/TB = 16																																																																							
1459-418	Install bat insulation A4	02AUG07	1	02AUG07	02AUG07		95		0.00	1,253.28	EM/TB = 16																																																																							
1459-420	Install bat insulation B2	29MAY07	1	29MAY07	04MAY07		70		0.00	1,253.28	EM/TB = 16																																																																							
1459-422	Install bat insulation B3	18JUL07	1	18JUL07	18JUL07		104		0.00	1,253.28	EM/TB = 16																																																																							
1459-424	Install bat insulation B4	02AUG07	1	02AUG07	02AUG07		95		0.00	1,253.28	EM/TB = 16																																																																							
1459-426	Install bat insulation B5	24AUG07	1	24AUG07	24AUG07		128		0.00	1,253.28	EM/TB = 16																																																																							
1459-428	Install bat insulation B6	22OCT07*	1	22OCT07	22OCT07		88		0.00	1,312.80	EM/TB = 16																																																																							
1459-430	Install bat insulation A5	24AUG07	1	24AUG07	24AUG07		128		0.00	1,253.28	EM/TB = 16																																																																							
1459-432	Install bat insulation A6	22OCT07	1	22OCT07	22OCT07		88		0.00	1,312.80	EM/TB = 16																																																																							
1459-434	Install bat insulation C6	22OCT07	1	22OCT07	22OCT07		88		0.00	1,312.80	EM/TB = 16																																																																							
Clamp Modifications																																																																																		
1459-600	Clamp mods C1	02APR07	2	03APR07	01FEB07		103		0.00	1,566.60	EM/TB = 32																																																																							
1459-602	Clamp mods C2	01MAR07A	30*	11APR07	09FEB07		103	80	1,253.28	1,566.60	EM/TB = 32																																																																							
1459-604	Clamp mods C3	16APR07	2	17APR07	15FEB07		168		0.00	1,566.60	EM/TB = 32																																																																							
1459-606	Clamp mods C4	18APR07	2	19APR07	19FEB07		168		0.00	1,566.60	EM/TB = 32																																																																							
1459-608	Clamp mods C5	20APR07	2	23APR07	21FEB07		215		0.00	1,566.60	EM/TB = 32																																																																							
1459-610	Clamp mods A1	01MAR07A	2	30MAR07A	05FEB07			100	1,566.60	1,566.60	EM/TB = 32																																																																							
1459-612	Clamp mods A2	01MAR07A	2	30MAR07A	07FEB07			100	1,566.60	1,566.60	EM/TB = 32																																																																							
1459-614	Clamp mods A3	12APR07	2	13APR07	13FEB07		168		0.00	1,566.60	EM/TB = 32																																																																							
Bearing Plate Installation																																																																																		
1459-650	Bearing Plate Installation C4	02OCT06A	1	31OCT06A	02OCT06			100	1,253.28	1,253.28																																																																								
1459-652	Bearing Plate Installation C5	02OCT06A	1	31OCT06A	02OCT06			100	1,253.28	1,253.28																																																																								

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 Forecast
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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	BASELINE FINISH DATE	Shifts	Total Float in days (21 days= 1 mo.)	Percent Complete	Earned value cost (BCWP)	Budget (ECP-53)	Gantt Chart																		
											FY07				FY08				FY09										
											F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A
Additional bolt/stud holes																													
1459-HOLES	Add holes in winding forms 3md+\$300/holex78	02APR07*	146	25OCT07	28SEP07		481		0.00	178,442.59	EM/TB = 1872 41=\$23.4k																		
Measure as-built coils																													
1459-MEAS1	Measure 2 flanges on one coil	02APR07*	5	06APR07	12MAR07		622		0.00	1,253.28																			
1459-MEAS	Measure as-built coils using romer arm (2mdx18)	01MAR07A	230*	01FEB08	01FEB08		419	6	1,376.18	22,936.35	EM/TB = 288																		
PL-A1	Punch list Complete A1	21MAY07*	10	04JUN07		X	69		0.00	0.00																			
PL-A2	Punch list Complete A2	05JUN07	10	18JUN07		X	69		0.00	0.00																			
SSD-ST5	Misc tech shop support (ecp52)	01MAY06A	397*	26NOV07	26NOV07	XX	459	LOE	101,004.33	175,050.84	em/tb=2200																		
PL-B1	Punch list Complete B1	19JUN07	10	02JUL07		X	69		0.00	0.00																			
SSD-ST6	Misc tech shop support (ecp53)	01JAN07A	22	31JAN07A	31JAN07	XX		LOE	5,483.10	5,483.10	EM/TB =70hr ;																		
PL-C1	Punch list Complete C1	03JUL07	10	17JUL07		X	69		0.00	0.00																			
SSD-ST7	Misc tech shop support (ecp53)	01FEB07A	19	28FEB07A	28FEB07	XX		LOE	5,483.10	5,483.10	EM/TB =70hr ;																		
SSD-ST8	Misc tech shop support (ecp53)	01MAR07A	21	30MAR07A	30MAR07	XX		LOE	8,224.65	8,224.65	EM/TB =105hr ;																		
SSD-ST9	Misc tech shop support (ecp53)	02APR07*	19	26APR07	26APR07	XX	608	LOE	0.00	5,483.10	EM/TB =70hr ;																		
SSD-ST10	Misc tech shop support (ecp53)	01MAY07*	19	25MAY07	25MAY07	XX	587	LOE	0.00	5,483.10	EM/TB =70hr ;																		
SSD-ST11	Misc tech shop support (ecp53)	01JUN07*	19	27JUN07	27JUN07	XX	565	LOE	0.00	5,483.10	EM/TB =70hr ;																		
Job: 1421 - Mod Coil Interface Design-WILLIAMSON																													
Coil-to-coil Interface Design																													
1403-11.1	Describe interfaces as part of coil FDR's	01NOV04A	471*	31JUL06A	31JUL06A	0701		100	35,507.90	35,507.90																			
1403-16	Assembly bolts, nuts,washers	01OCT04A	496*	31JUL06A	31JUL06A	0701		100	16,858.96	16,858.96																			
1403-17	Assembly shims	01OCT04A	332*	31JUL06A	31JUL06A	0701		100	20,557.93	20,557.93																			
1403-18	Eccentric ball assembly	08NOV04A	471*	31JUL06A	31JUL06A	0701		100	22,616.72	22,616.72																			
1403-19	Top assembly dwgs for mod coil shell	01OCT04A	332*	31JUL06A	31JUL06A	0701		100	24,684.03	24,684.03																			
1403-19A	Bladder Details	01JUL05A	146*	30NOV05A	30NOV05A	0701		100	9,411.15	9,411.15																			
1421-10	add'l analysis of coil to coil joints/friction	01MAY06A	123*	31JUL06A	31JUL06A	0701		100	2,699.20	2,699.20																			
FY06CV-111	ECP45 FY06 cv	01OCT05A	251*	30MAR06A	30MAR06A	0701		100	-89,310.00	-89,310.00																			
3 Point positioning hardware																													
IH1-005	review requirements, as-built casting features	01SEP06A	62*	30NOV06A	30NOV06A	0701		100	3,374.00	3,374.00																			
Shear plate and shims																													
IH4-015	Review for approval to proceed	02APR07*	5*	06APR07	23MAR07		622		0.00	3,374.00	ORNLEM =20hr ;																		
IH4-020	Prepare dwgs and release	01FEB07A	50*	11APR07	23MAR07		619	20	9,447.20	47,236.00	LOVETT =240hr ; ORNLEM =40hr ;																		
IH4-025	Issue dwgs for Fabrication		0	11APR07	23MAR07		619		0.00	0.00																			
IH4-005	Complete testing	01SEP06A	46*	30NOV06A	06NOV06			100	13,496.00	13,496.00																			
IH4-010	Finalize design, select material	02OCT06A	10	30NOV06A	15NOV06			100	20,244.00	20,244.00																			
Top Assy drawings																													
IH5-020	Finish 3-coil top assembly	01DEC06A	85*	06APR07	28FEB07		136	90	24,292.80	26,992.00	LOVETT =120hr ; MCGINNIS =40hr ;																		

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Forecast
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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	BASELINE FINISH DATE	Shifts	Total Float in days (21 days= 1 mo.)	Percent Complete	Earned value cost (BCWP)	Budget (ECP-53)	FY07												FY08												FY09												
											FY07				FY08				FY09				FY07				FY08				FY09																
											F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	
IH5-021	Finish 6-coil top assembly	01DEC06A	122*	30MAY07	30APR07		139	30	6,073.20	20,244.00	LOVETT =80hr ; MCGINNIS =40hr ;																																				
IH5-022	Finish 18-coil top assembly	01DEC06A	144*	29JUN07	29JUN07		364	20	2,699.20	13,496.00	LOVETT =40hr ; MCGINNIS =40hr ;																																				
IH5-025	Develop as-built model and drawing format	10MAY07*	36	29JUN07	29JUN07		563		0.00	6,748.00	MCGINNIS =40hr ;																																				
IH5-030	Complete assembly spec	22JAN07A	50	13APR07	28FEB07		136	10	0.00	0.00																																					
Other insulation over wings																																															
IH6-006	perform application tests of epoxy, glass	02APR07	5	06APR07	02FEB07		622		0.00	2,699.20	WILLIAMSON =16hr ;																																				
IH6-010	finalize design	01NOV06A	105*	06APR07	09FEB07		591	20	1,214.64	6,073.20	WILLIAMSON =36hr ;																																				
IH6-015	Review for approval to proceed	09APR07	10	20APR07	23FEB07		591		0.00	0.00																																					
IH6-020	Prepare dwgs and release	01FEB07A	43*	02APR07	02MAR07		605	20	19,778.39	20,244.00	LOVETT =120hr ;																																				
IH6-021	Procure materials for 1st FPA	03APR07	21	01MAY07	02APR07		605		0.00	0.00																																					
IH6-005	Finalize requirements	11SEP06A	34	22DEC06A	13NOV06			100	2,699.20	2,699.20																																					
Bladder Tests																																															
1421-3002	Test plan, Setup test fixt. Order matl	01JAN07A	5	31JAN07A	19JAN07			100	8,770.40	8,770.40	DUDEK =16hr ; em/tb=80																																				
1421-3004	Rvw struct analyses. Verify perf of Teflon bladd	30MAR07A	5	30MAR07A	26JAN07			100	7,231.60	7,231.60	FAN =40hr ;																																				
1421-3006	Perform Tests to develop epoxy filling techniq	29JAN07A	33*	28FEB07A	02FEB07			100	8,770.40	8,770.40	DUDEK =16hr ; KEARNS =40hr ; SMITH =40hr ;																																				
1421-3019	Determ if "one size fits all"& bladder dwgs	22JAN07A	50*	30MAR07A	02FEB07			100	13,496.00	13,496.00	WILLIAMSON =80hr ;																																				
1421-3011	Test 1/2" bag with CTD, Stycast 2850	29JAN07A	1	31JAN07A	06FEB07			100	2,506.56	2,506.56	kearns=16; smith=16																																				
1421-3016	Procure/fab prototype bladder installati	02APR07	15	20APR07	05APR07		95		0.00	8,334.00	DUDEK =24hr ; M&S (\$) =3.5\$K ;																																				
1421-3012	Fill & Test Teflon bladder to determine properti	29JAN07A	34*	28FEB07A	15MAR07			100	10,022.40	10,022.40	DUDEK =24hr ; KEARNS =40hr ; SMITH =40hr ;																																				
1421-3021	Conduct FDR of bladder design	30MAR07A	1	30MAR07A	13APR07			N/R	1,349.60	1,349.60	WILLIAMSON =08hr ;																																				
1421-3023	Resolve FDR issues, release proc dwgs for fab	30MAR07A	5	30MAR07A	20APR07			N/R	6,748.00	6,748.00	WILLIAMSON =40hr ;																																				
1421-3025	Procure bladders for first FPA (2 ea)	30APR07	20	25MAY07	18MAY07		106		0.00	10,296.00	DUDEK =24hr ; M&S (\$) =05\$K ;																																				
1421-3028	Bladders available for FPA		0	25MAY07	18MAY07		106		0.00	0.00																																					
IH2-030.01	Finalize Requirements	01DEC06A	31*	22JAN07A	22JAN07A	0701		100	9,390.00	9,390.00																																					
IH2-030.02	Procure Samples	01DEC06A	15*	22DEC06A	22DEC06A	0701		100	5,746.00	5,746.00																																					
IH2-030.03	Epoxy Fill Equipment	01DEC06A	15*	22DEC06A	22DEC06A	0701		100	7,568.00	7,568.00																																					
Bushing Test																																															
1421-3106	Proc bushing matls for assy operations. Fab bush	16APR07*	30	25MAY07	20APR07		106		0.00	49,536.00	DUDEK =24hr ; M&S (\$) =35\$K ;																																				
1421-3109	Bushings available for FPA operations		0	25MAY07	20APR07		106		0.00	0.00																																					
1421-3094	Schemes for tight fit bushing Prepare sketches.	01JAN07A	5	08JAN07A	26JAN07			100	6,748.00	6,748.00																																					
1421-3096	Procure bushing materials for tests. Fabricate	09JAN07A	15	15JAN07A	16FEB07			100	28,851.60	28,851.60	DUDEK =24hr ; M&S (\$) =12\$K ; em/tb=120																																				
1421-3099	Procure tools&materials required f/ bushing assy	16JAN07A	15	22JAN07A	16FEB07			100	10,296.00	10,296.00	DUDEK =24hr ; M&S (\$) =5\$K ;																																				
1421-3102	Trial bushing installations on a production coil	23JAN07A	10	31JAN07A	02MAR07			100	15,666.00	15,666.00	em/tb=200 ;																																				
1421-3104	Doc. test results. Select bushing config. Peer r	01FEB07A	5	28FEB07A	09MAR07			100	0.00	0.00	VOLA																																				
Tension Tests of Bolted Joint																																															
1421-3057	Estimates for nuts, studs, washers of different	22JAN07A	10	30MAR07A	02FEB07			100	13,496.00	13,496.00	WILLIAMSON =80hr ;																																				

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 Forecast
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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	BASELINE FINISH DATE	Shifts	Total Float in days (21 days= 1 mo.)	Percent Complete	Earned value cost (BCWP)	Budget (ECP-53)	Schedule Gantt Chart																		
											FY07				FY08				FY09										
											F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A
16 - Coil Services																													
Job: 1601 - Coil Services Design-GORANSON																													
161 - LN2 Distribution																													
191-001	Title I design WBS 161 LN2 manifolds& piping	01OCT07*	47	06DEC07	06DEC07		151		0.00	58,296.50																			EA/EM =80hr ; williamson=51; fogarty=200
191-011	Title II design WBS 161 LN2 manifolds& piping	07DEC07	60	10MAR08	10MAR08		151		0.00	116,764.90																			EA/EM =160hr ; ORNLEM =503hr ;
191-031	Title III engr WBS 161	11MAR08	242	27FEB09	27FEB09		151		0.00	16,585.26																			EA/EM =08
191-037	Procurement WBS 161	11MAR08	92	18JUL08	18JUL08		163		0.00	74,394.75																			41=52.95\$k ;
191-038	PDR#17	15FEB08*	109	18JUL08	18JUL08		163		0.00	62,325.80																			41=44.36\$k ;
191-041	LN2 Manifolds & ppg Fab/assy/instrl WBS 161	14FEB08*	110	18JUL08	18JUL08		163		0.00	32,864.48																			EM/SM =71hr ; EM/TB =284
191-042	PDR #17,25,3	14FEB08*	110	18JUL08	18JUL08		163		0.00	10,482.14																			EM/SM =23hr ; EM/TB =90H
162 - Electrical Leads																													
132-000	PDR #17 & 25	01OCT07*	262*	16OCT08	16OCT08		238		0.00	37,889.54																			Williamson =220;
132-001	Title I design WBS 162 Coil leads	01OCT07*	84	06FEB08	06FEB08		108		0.00	149,381.10																			Williamson =200;Fogarty=669
132-011	Title II design WBS 162 Coil leads	07FEB08	100	26JUN08	26JUN08		108		0.00	153,159.10																			Williamson=868; ornrm=20
132-015	Title III design WBS 162 Coil leads	27JUN08*	60	22SEP08	22SEP08		256		0.00	17,923.64																			ORNLEM =98; eml/sm=8
132-037	Coil Leads Procurement WBS 162	27JUN08*	60	22SEP08	22SEP08		108		0.00	314,186.10																			41=223.6 k
163 - Coil Protection System																													
163.001	Title I design WBS 163 Coil protection	01OCT07*	65	10JAN08	10JAN08		187		0.00	42,912.60																			Williamson =82;ornrm=80;r//rm2=80
163.011	Title II design WBS 163 Coil protection	11JAN08	40	06MAR08	06MAR08		187		0.00	42,912.60																			Williamson=82;ornrm=80;r//rm2=80
FY07 Rebaseline Exercise																													
ECP53RBX08	FY07 Rebaseline exercise	02APR07*	43*	31MAY07	31MAY07		584		0.00	20,244.00																			ORNLEM =120hr ;
FY06CV-114	ECP45 FY06 cv	01OCT05A	251*	30MAR06A	30MAR06A			100	2,790.00	2,790.00																			
17 - Cryostat and Base Support Structure																													
Job: 1702 - Base Support Struct Design-DAHLGREN																													
+ Prior Costs																													
		03APR06A	185	22DEC06A	30JUN06A			100	54,101.71	54,101.71																			
1702-505	Interface requirements. Document in ICs	02JUL07*	15	23JUL07	23JUL07		121		0.00	4,338.96																			DAHLGREN =12hr ; RUSHINSKI =12hr ;
1702-510	Complete base support structure prel. design	02JUL07*	15	23JUL07	23JUL07		121		0.00	21,694.80																			DAHLGREN =24hr ; RUSHINSKI =96hr ;
1702-515	Conduct PDR. Resolve chits.	24JUL07	5	30JUL07	30JUL07		121		0.00	5,785.28																			DAHLGREN =32hr ; RUSHINSKI =00hr ;
1702-520	Final design. Assy dwgs, fab dwgs, BOMs,specs/SO	31JUL07	20	27AUG07	27AUG07		121		0.00	34,711.68																			DAHLGREN =48hr ; RUSHINSKI =144hr ;
1702-525	FDR	28AUG07	1	28AUG07	28AUG07		121		0.00	0.00																			
1702-530	Resolve chits.Release dwgs for fab.Issue proc pk	29AUG07	5	05SEP07	05SEP07		121		0.00	12,293.72																			DAHLGREN =32hr ; RUSHINSKI =36hr ;
Job: 1752 - Base Support Proc-DAHLGREN																													
172 - Base Support Structure																													
161-031	Title III engr WBS 172	06SEP07	240	21AUG08	21AUG08		277		0.00	9,803.11																			Gettelfinger =60hr ;

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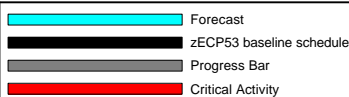
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 Forecast
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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	BASELINE FINISH DATE	Shifts	Total Float in days (21 days=1 mo.)	Percent Complete	Earned value cost (BCWP)	Budget (ECP-53)	FY07 FY08 FY09																						
											FY07				FY08				FY09														
											F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Job: 1803 - FP Asy Tooling/Constrbtly-BROWN + 1.00-VV Prep Station Station 2-Modular Coil Sub- Assembly																																	
		01FEB05A	479	22DEC06A	27OCT06			100	109,150.07	109,150.07																							
1803-2.01	Concept definition and requirements	03JAN05A	52*	28FEB05A	28FEB05A			100	16,056.00	16,056.00																							
1803-2.02	MC Holding Fixture - model design and drawing	01FEB05A	79*	29APR05A	29APR05A			100	21,728.00	21,728.00																							
1803-2.04	Metrology - sightline layout design details metr	01AUG05A	77*	30SEP05A	30SEP05A			100	15,209.60	15,209.60																							
1803-2.055	Update concept definition and reqmnts	05JUN06A	5	30JUN06A	30JUN06A			100	0.00	0.00																							
1803-2.056	HP support stand	01JUN06A	15	30JUN06A	30JUN06A			100	0.00	0.00																							
1803-2.05	Structural / Seismic Analysis	10APR06A	137*	27SEP06A	27SEP06A			100	13,924.80	13,924.80																							
1803-2.057	Resolve use of JPP holding fixture	27SEP06A	6	27SEP06A	27SEP06A			100	8,354.88	8,354.88																							
1803-2.061	PDR/FDR Half Period Assy		0	27SEP06A	27SEP06A			100	0.00	0.00																							
1803-2.08D	Dwgs/specs for tooling released for fab	01SEP06A	35*	31OCT06A	20OCT06			100	14,206.82	14,206.82																							
1803-2.08A	Assy sequence plan drafted	19APR07	7	27APR07	31JAN07		86		0.00	4,338.96																							
1803-2.08C	Dimensional control plan drafted	01FEB07A	44*	03APR07	31JAN07		104	50	0.00	0.00																							
Station 3-Modular Coil to VVSA Assembly																																	
1803-3.15A	Requirements finalized	01OCT06A	122*		07FEB07			80	2,314.11	2,892.64																							
1803-3.15	Models&dwgs for- MC load support	01OCT06A	10	31JAN07A	14FEB07			100	8,677.92	8,677.92																							
1803-3.17	Models&dwgs for- Laser screen guide mods	01OCT06A	10	31JAN07A	14FEB07			100	8,677.92	8,677.92																							
1803-3.18	Models&dwgs for-VV support stand	01OCT06A	10	30NOV06A	14FEB07			100	8,677.92	8,677.92																							
1803-3.19	Models&dwgs for-Mechanical screw drive	01OCT06A	10	31JAN07A	14FEB07			100	8,677.92	8,677.92																							
TB3.1	Release dwg for actuator lifting system	01FEB07A	1	28FEB07A	05FEB07			100	0.00	0.00																							
TB3.2	Spec for actuator lifting system	01FEB07A	1	28FEB07A	05FEB07			100	0.00	0.00																							
TB3.3	Complete stage 3 dwgs w/o laser modification	02JAN07A	1	31JAN07A	05FEB07			100	0.00	0.00																							
TB3.4	Re-set laser track on left side	01FEB07A	2	28FEB07A	06FEB07			100	4,338.96	4,338.96																							
TB3.5	Complete stage 3 dwgs with laser mod-left side	01FEB07A	0*	28FEB07A	06FEB07			100	2,800.80	2,800.80																							
TB3.6	Re-set laser track on right side	01FEB07A	1	28FEB07A	05FEB07			100	0.00	0.00																							
TB3.7	Modify stage 3 dwgs with laser mo -right side	01MAR07A	5	30MAR07A	13FEB07			100	4,668.00	4,668.00																							
TB3.8	Update FEA models	01FEB07A	2	28FEB07A	15FEB07			100	2,800.80	2,800.80																							
TB3.9	Perform stress analysis	01MAR07A	15	30MAR07A	08MAR07			100	21,694.80	21,694.80																							
TB4.0	re-estimate fabrication costs	02APR07*	10	13APR07	23FEB07		78		0.00	4,338.96																							
TB4.1	FDR	16APR07*	1	16APR07	13MAR07		78		0.00	0.00																							
TB4.2	Revise drawings as needed per FDR input	17APR07*	2	18APR07	15MAR07		78		0.00	2,800.80																							
TB4.3	Release drawings for fabrication	19APR07*	1	19APR07	16MAR07		78		0.00	0.00																							
TB4.4	VV/MC clearance report (for VVSA1, 2 and 3)	20APR07*	1	20APR07	19MAR07		143		0.00	13,016.88																							
TB4.5	Generate laser trace drawing for each screen	23APR07*	3	25APR07	22MAR07		143		0.00	4,668.00																							



Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	BASELINE FINISH DATE	Shifts	Total Float in days (21 days= 1 mo.)	Percent Complete	Earned value cost (BCWP)	Budget (ECP-53)	Gantt Chart																		
											FY07				FY08				FY09										
											F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A
Job: 1806 - FP Assembly specs and drawings-COLE																													
1.00-VV Prep Station																													
121-034.2	VVSA Title III engr as-built vvsa models/dwgs	01OCT06A	325*	25JAN08	30MAR07		424	LOE	12,200.28	32,534.08	goranson=192																		
1803-1-100	Prep Stage 1 Spec	01SEP06A	20	29SEP06A	29SEP06A			100	3,374.00	3,374.00																			
1803-1-105	Stage 1 dwg -SE121-004	02OCT06A	10	31OCT06A	13OCT06			100	2,699.20	2,699.20																			
1803-1-110	Stage 1 dwg -SE121-008	02OCT06A	5	31OCT06A	20OCT06			100	2,699.20	2,699.20																			
1803-1-115	Stage 1 dwg -SE121-049 (BOM)	02OCT06A	5	31OCT06A	27OCT06			100	2,699.20	2,699.20																			
1803-1-120	Spacer specification and assy dwgs	01AUG07*	40	26SEP07	26SEP07		283		0.00	2,699.20	cole=16																		
Station 2-Modular Coil Sub- Assembly																													
1803-2-100	Prep Stage 2 Spec	01JAN07A	85*	30APR07	29JAN07		85	20	2,699.20	13,496.00	williamson=40; cole=40																		
Station 3-Modular Coil to VVSA Assembly																													
1203-803	Prelim VV final assy dwgs 120-049,004 & 008		83*	30JUN06A	30JUN06A			100	4,048.80	4,048.80																			
1203-880	Issue 120-049,004 & 008	02APR07*	28	09MAY07	09APR07		134		0.00	8,097.60	mcginnis=48hr ;																		
1203-804	Issue VV assy specification	02APR07*	13	18APR07	19MAR07		149		0.00	6,748.00	goranson =40hr ;																		
1803-3-100	Prep stage 3 Spec	02APR07*	20	27APR07	28MAR07		142		0.00	6,748.00	cole=40																		
1803-3-105	Stage 3 dwg-se140-xxx - Interface between VV and	01MAR07A	42*	27APR07	28MAR07		142	20	3,374.00	16,870.00	goranson=20; lovett=80																		
Station 4-TF Coil Sub-assembly**ELIMINATED -ECP5																													
1803-4-100	Prep stage 4 Spec	02APR07*	20	27APR07	27APR07		607		0.00	0.00																			
Station 5-Final Field Period Assembly																													
1203-802	Issue spacer field machining dwgs	01JAN06A	171*	28SEP07	28SEP07		287	80	5,398.40	18,894.40	goranson =40hr ;																		
1803-5-100	Prep stage 5 Spec	11JUN07*	30	23JUL07	23JUL07		103		0.00	13,496.00	cole=80																		
1803-5-105	Prep stage 5 dwg-SE180-x PORT LOC.&WELD DETAILS	02APR07*	44	01JUN07	05APR07		138		0.00	20,244.00	mcginnis=120																		
1803-5-110	Prep stage 5 dwg-SE180-XXX TF FIELD PERIOD ASSY	02APR07*	44	01JUN07	08MAY07		138		0.00	35,190.80	mcginnis=80;rushinski=120																		
FY07 Rebaseline Exercise																													
ECP53RBX12	FY07 Rebaseline exercise	02APR07*	43*	31MAY07	31MAY07		584		0.00	13,496.00	ORNLEM =80hr ;																		
Job: 1805 - FP Assy HW&Fixture Prcrmnts-DUDEK																													
Station 2-Modular Coil Sub- Assembly																													
1803-2.11	Obtain fixtures from MTM (3 of 5 fixtures)	03APR07*	60	26JUN07	29JUN07		106		0.00	19,072.80	41=\$5k; em/tb=160																		
Station 3-Modular Coil to VVSA Assembly																													
1803-3.08A	Requisition issued	20APR07	5	26APR07	23MAR07		78		0.00	0.00																			
1803-3.08B	Recieve & Evaluate Bids	27APR07	20	24MAY07	20APR07		78		0.00	0.00																			
1803-3.15D	Award Fabrication Contract		0	24MAY07	20APR07		78		0.00	0.00																			
1803-3.15C	Tooling fabricated (1 fixture)	25MAY07	60	20AUG07	17JUL07		78		0.00	64,092.00	41=49 eac																		
Station 5-Final Field Period Assembly																													
1803-5.08A	Requisition Issued	25MAY07	5	01JUN07	01JUN07		73		0.00	0.00																			
1803-5.08B	Receive bids and evaluate	04JUN07	20	29JUN07	29JUN07		73		0.00	0.00																			
1803-5.008	Award fabrication contract		0	29JUN07	29JUN07		73		0.00	0.00																			
1803-5.009	Fabr suprt frame, TF coil instl fixt, & platform	02JUL07*	60	25SEP07	25SEP07		73		0.00	99,408.00	41=\$76 eac																		

Run Date 03APR07 10:09

█ Forecast
█ zECP53 baseline schedule
█ Progress Bar
█ Critical Activity

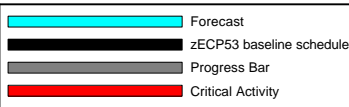
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 Status through March 2007

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	BASELINE FINISH DATE	Shifts	Total Float in days (21 days= 1 mo.)	Percent Complete	Earned value cost (BCWP)	Budget (ECP-53)	FY07												FY08												FY09																																															
											F				M				A				M				J				J				A				S				O				N				D				J				F				M				A				M				J				J			
Tooling Design & Fabrication																																																																																		
713A.040	General procurements	01OCT06A	498	31MAR09	29SEP08		129	LOE	0.00	10,296.56	41=\$7.5k																																																																							
713A.050	Welding tools, materials & equipt	02OCT06A	498	31MAR09	29SEP08		129	LOE	0.00	10,296.56	41=\$7.5k																																																																							
Job: 1802 - FP Assy Oversight&Support-VIOLA																																																																																		
Station 2-Modular Coil Sub- Assembly																																																																																		
1803-2.11B	Procedures approved	01MAY07*	20	29MAY07	28FEB07		85		0.00	0.00																																																																								
1803-2.11D	Training needs identified & released	30MAY07*	5	05JUN07	07MAR07		85		0.00	0.00																																																																								
1803-2.11A	Install Holding fixture	29MAY07*	5	04JUN07	14MAR07		86		0.00	6,266.40																																																																								
1803-2.11C	JHA completed	01MAR07A	5	30MAR07A	21MAR07			100	0.00	0.00																																																																								
1803-2.11E	ACC review completed	05JUN07*	5	11JUN07	28MAR07		577		0.00	0.00																																																																								
1803-2.11F	Pre-jpb brief completed	06JUN07*	5	12JUN07	04APR07		85		0.00	0.00																																																																								
1802-3170	Document assembly sequence	30APR07	5	04MAY07	01MAY07		95		0.00	7,231.60																																																																								
1802-3172	Finalize dimensional control plan	07MAY07	5	11MAY07	08MAY07		95		0.00	7,231.60																																																																								
1802-3174	Finalize assembly procedure	14MAY07	5	18MAY07	15MAY07		95		0.00	3,133.20																																																																								
1802-3176	Establish back office support requirements&data	21MAY07	5	25MAY07	22MAY07		105		0.00	0.00																																																																								
1802-3178	Train technicians in operation of metrology equ	21MAY07	15	11JUN07	06JUN07		95		0.00	18,799.20																																																																								
1802-3180	RLM authorization for assembly operations	12JUN07	1	12JUN07	07JUN07		95		0.00	0.00																																																																								
Station 3-Modular Coil to VVSA Assembly																																																																																		
1802-31703	Document assembly sequence	27APR07	5	03MAY07			598		0.00	0.00																																																																								
1802-31723	Finalize dimensional control plan	04MAY07	5	10MAY07			598		0.00	0.00																																																																								
1803-3.11B	Procedures approved	10MAY07	20	07JUN07	07MAY07		134		0.00	0.00																																																																								
1803-3.11D	Training needs identified & released	08JUN07	5	14JUN07	14MAY07		134		0.00	0.00																																																																								
1803-3.15G	Fixtures installed	21AUG07	5	27AUG07	24JUL07		78		0.00	6,266.40																																																																								
1803-3.11C	JHA completed	28AUG07	5	04SEP07	31JUL07		78		0.00	0.00																																																																								
1803-3.11E	ACC review completed	05SEP07	5	11SEP07	07AUG07		78		0.00	0.00																																																																								
1803-3.11F	Pre-job brief completed	05SEP07	5	11SEP07	07AUG07		78		0.00	0.00																																																																								
1803-3.11G	Station 3 operational		0	11SEP07	07AUG07		78		0.00	0.00																																																																								
Station 5-Final Field Period Assembly																																																																																		
1802-31705	Document assembly sequence	29MAY07	5	04JUN07			577		0.00	0.00																																																																								
1802-31725	Finalize dimensional control plan	05JUN07	5	11JUN07			577		0.00	0.00																																																																								
1803-5.11B	Procedures approved	24JUL07*	20	20AUG07	20AUG07		103		0.00	0.00																																																																								
1803-5.11D	Training needs identified & released	21AUG07*	5	27AUG07	27AUG07		103		0.00	0.00																																																																								
1803-5.15G	Fixtures installed	26SEP07	5	02OCT07	02OCT07		73		0.00	6,385.44																																																																								
1803-5.11C	JHA completed	03OCT07*	5	09OCT07	09OCT07		73		0.00	0.00																																																																								
1803-5.11E	ACC review completed	10OCT07*	5	16OCT07	16OCT07		73		0.00	0.00																																																																								
1803-5.11F	Pre-job brief completed	10OCT07*	5	16OCT07	16OCT07		73		0.00	0.00																																																																								
1803-5.11G	Station 5 operational		0	16OCT07	16OCT07		73		0.00	0.00																																																																								

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	BASELINE FINISH DATE	Shifts	Total Float in days (21 days= 1 mo.)	Percent Complete	Earned value cost (BCWP)	Budget (ECP-53)	FY07			FY08			FY09											
											F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J
											FY07			FY08			FY09											
Oversight and Supervision																												
181.200	HP Coverage in the TFTR TC LOE FY04	02FEB04A	171*	30SEP04A	30SEP04A			100	61,119.60	61,119.60																		
181.201	D-Site Shift Supervisor LOE FY04	01JUL04A	64*	30SEP04A	30SEP04A			100	25,920.40	25,920.40																		
181.210	HP Coverage in the TFTR TC LOE FY05	01OCT04A	249*	30SEP05A	30SEP05A			100	136,539.00	136,539.00																		
181.222	HP Coverage in the TFTR TC LOE FY06	01OCT05A	250*	29SEP06A	02OCT06			100	147,316.00	147,316.00																		
181.220	HP Coverage in the TFTR TC LOE FY07	01OCT06A	250*	01OCT07	01OCT07		499	LOE	72,331.67	148,220.64																		
181.221	HP Coverage in the TFTR TC LOE FY08	01OCT07*	127*	07APR08	07APR08		373		0.00	74,611.31																		
181.100	PPPL EM LOE FY04	13OCT03A	242*	30SEP04A	30SEP04A			100	77,518.74	77,518.74																		
181.110	PPPL EM LOE FY05	01OCT04A	249*	30SEP05A	30SEP05A			100	9,625.20	9,625.20																		
181.120	PPPL EM LOE FY06	01DEC05A	209*	29SEP06A	02OCT06			100	127,356.34	127,356.34																		
181.121	PPPL EM LOE FY07	01OCT06A	249*	28SEP07	28SEP07		500	LOE	112,496.90	229,585.50																		
181.120A	Metrology Engineering Supervision FY06	01MAY06A	107*	29SEP06A				100	37,596.96	37,596.96																		
181.122	PPPL EM LOE FY08	01OCT07*	186*	30JUN08	30JUN08		314		0.00	180,301.00																		
181.120B	Metrology Engineering Supervision FY07	01OCT06A	249*	28SEP07	28SEP07		500	LOE	76,450.67	156,021.77																		
181.125	Title III field period assembly FY07 ORNL suppor	01OCT06A	249*	28SEP07	28SEP07		500	LOE	92,830.55	189,450.10																		
FY05CV-28	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			100	57,000.00	57,000.00																		
Station 2-Modular Coil Subassembly-FP#1																												
1802-3182	Start Station 2 assembly operations		0	24JUL07	25JUN07		66		0.00	0.00																		
FY07 Rebaseline Exercise																												
ECP53RBX10	FY07 Rebaseline exercise	26MAR07A	48*	31MAY07	31MAY07		584		520.83	5,008.00																		
+																												
		01OCT05A	249	29SEP06A	29SEP06A			100	-2,280.00	-2,280.00																		
Job: 1810 - Field Period Assembly-VIOLA																												
General F.P. Assy support																												
740.020	Facility Prep	01MAR06A	150*	29SEP06A	29SEP06A	XX		100	50,131.50	50,131.50																		
FY06CV-150	ECP45 FY06 cv	01OCT05A	251*	30MAR06A	30MAR06A	XX		100	400.00	400.00																		
SOP0-100	LOE Crane support, fixture setup for TFTR TC.	01MAY06A	107*	29SEP06A	29SEP06A	XX		100	35,208.00	35,208.00																		
SOP0-200	LOE Crane support, fixture setup for TFTR TC.	01OCT06A	249*	28SEP07	28SEP07	XX	500	LOE	32,176.91	65,667.17																		
SOP0-250	LOE Crane support, fixture setup for TFTR TC.	02OCT07*	248*	29SEP08	29SEP08	XX	251	LOE	0.00	68,785.80																		
SOP0-300	LOE Metrology support	01OCT06A	249*	28SEP07	28SEP07	XX	500	LOE	44,714.68	91,254.45																		
+ Station 1-VV Prep (hard surface components) FP#1																												
		09MAY06A	246	02MAY07	21JUN07		604		260,331.61	311,603.02																		
+ Station 1- VV Prep (hrd surf cmpnts)FP#2																												
		31JUL06A	235	09JUL07	01AUG07		189		122,556.61	198,865.70																		
+ Station 1- VV Prep (hrd surf cmpnts)FP#3																												
		01AUG06A	344	13DEC07	30JAN08		121		34,145.15	199,263.55																		

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	BASELINE FINISH DATE	Shifts	Total Float in days (21 days= 1 mo.)	Percent Complete	Earned value cost (BCWP)	Budget (ECP-53)	FY07												FY08												FY09																																															
											F				M				A				M				J				J				A				S				O				N				D				J				F				M				A				M				J				J			
																							EM/TB =48hr ;												em/tb=120																																															
S3P2-112	Install on support platform	27JUN08	2	30JUN08	06JUN08		96		0.00	3,938.40																																																																								
+ Station 5- Final FP Assy -FP#3 (in NCSX TC)																																																																																		
		01MAY08	77	19AUG08	08AUG08		66		0.00	266,498.40																																																																								
Bladder Tests																																																																																		
1810-3166	Prototype bladder installation.	23APR07	5	27APR07	12APR07		95	10	939.96	9,399.60																																																																								
19 - Stellarator Core Management and Integration																																																																																		
Job: 1901 - Stellarator Core Mngt&Integr-COLE																																																																																		
+ Prior Costs																																																																																		
		01APR03A	757	30MAR06A	30MAR06A				1,490,162.42	1,490,162.42																																																																								
191 - Stellarator Core Management & Oversight																																																																																		
192-6.07	Time constant calcs using SPARK	01APR04A	42*	28MAY04A	28MAY04A			100	6,180.00	6,180.00																																																																								
0191-6	LOE-FY06 WBS 191	03OCT05A	249*	29SEP06A	29SEP06A			100	197,774.00	197,774.00																																																																								
0191-6X	LOE-FY07 WBS 191	01OCT06A	249*	28SEP07	27SEP07		500	LOE	24,265.78	49,522.00	NELSON 220 35=12 k																																																																							
0191-7	LOE-FY08 WBS 191	03OCT07*	247	29SEP08	29SEP08		251	LOE	0.00	42,362.70	NELSON 173 35=12 k																																																																							
191-8	LOE-FY09 WBS 191	03OCT08*	130	15APR09	15APR09		118	LOE	0.00	0.00	NELSON 0 35=0																																																																							
192 - Stellarator Core Integration & Analysis																																																																																		
0192-6	LOE-FY06 WBS 192	03OCT05A	249*	29SEP06A	29SEP06A			100	312,481.45	312,481.45																																																																								
0192-6X	LOE-FY07 WBS 192	01OCT06A	249*	28SEP07	20SEP07		500	LOE	76,390.61	155,899.20	cole=487 (27%) ornlem tbd=180 (10%) ornlm&s=\$29.95 35= 12 k																																																																							
0192-7	LOE-FY08 WBS 192	03OCT07*	242	22SEP08	22SEP08		256	LOE	0.00	201,419.90	cole=915 ornlm&s=\$29.95 35= 12																																																																							
0192-99	LOE-FY09	01OCT08*	130	13APR09	13APR09		120	LOE	0.00	149,156.00	COLE=644; orn135=12 orn141=\$20k																																																																							
FY07 Rebaseline Exercise																																																																																		
ECP53RBX13	FY07 Rebaseline exercise	02APR07*	43*	31MAY07	31MAY07		584		0.00	20,244.00	ORNLEM =120hr ;																																																																							
21 - Fueling Systems																																																																																		
+ Job: 2001 - VPS, Gas & Cond Syst.-BLANCHARD																																																																																		
Job: 2101 - Fueling Systems-BLAMCHARD																																																																																		
ECP 16 October 2004																																																																																		
21-10	Eng. Work Planning and Design	01NOV07*	40	08JAN08	08JAN08		148		0.00	16,391.00	Blanchard =100hr ;																																																																							
21-15	Design Gas Handling Hardware	01NOV07	40	08JAN08	08JAN08		148		0.00	5,252.52	EM/SM =40hr ;																																																																							
21-20	Design PLC Controls	01NOV07	40	08JAN08	08JAN08		188		0.00	0.00																																																																								
21-25	Electrical Drafting for pumping system	01NOV07	40	08JAN08	08JAN08		188		0.00	6,356.48	EA/DM =52hr ;																																																																							
21-30	Drafting	01NOV07	40	08JAN08	08JAN08		188		0.00	6,356.48	EA/DM =52hr ;																																																																							
21-35	Eng. Work Planning and Design during fab	09JAN08	40	04MAR08	04MAR08		188		0.00	3,606.02	Blanchard =22hr ;																																																																							
21-40	Fabrication/Install Hardware	09JAN08	40	04MAR08	04MAR08		148		0.00	3,232.32	EM/SM =24hr ;																																																																							
21-45	Fabrication/Installation	05MAR08	40	29APR08	29APR08		148		0.00	15,051.50	EM/SM =50hr ; EM/TB =50hr ; 41=35k ;																																																																							

Run Date 03APR07 10:10



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Status through March
2007

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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	BASELINE FINISH DATE	Shifts	Total Float in days (21 days= 1 mo.)	Percent Complete	Earned value cost (BCWP)	Budget (ECP-53)	FY07												FY08												FY09																																											
											F				M				A				M				J				J				A				S				O				N				D				J				F				M				A				M				J			
21-55	Install PLC Controls	05MAR08	40	29APR08	29APR08		148		0.00	0.00																																																																				
21-60	Integrated Systems Testing/Eng	05MAR08	40	29APR08	29APR08		148		0.00	1,311.28																																																																				
21-65	Integrated Systems Testing/Tech Support	30APR08	45	02JUL08	02JUL08		148		0.00	1,306.44																																																																				
22 - Torus Vacuum Pumping Systems																																																																														
Job: 2201 - Vacuum Pumping Systems-BLANCHARD																																																																														
22-25	Eng. Work Planning and Design	01NOV07*	20	28NOV07	28NOV07		357		0.00	26,345.85																																																																				
22-30	Design PLC based control system *N/R*	03DEC07	20	08JAN08	08JAN08		437		0.00	0.00																																																																				
22-35	Electrical Drafting for pumping system *N/R*	03DEC07	20	08JAN08	08JAN08		377		0.00	0.00																																																																				
22-40	Drafting	03DEC07	20	08JAN08	08JAN08		357		0.00	9,656.96																																																																				
22-45	Eng. Work Planning and Design during fab	09JAN08	20	05FEB08	05FEB08		357		0.00	6,228.58																																																																				
22-50	Perform maint. & repair of pmpg sys	09JAN08	20	05FEB08	05FEB08		357		0.00	5,521.88																																																																				
22-55	Repair and Calibration vac instrumentation*N/R*	06FEB08	60	29APR08	29APR08		357		0.00	0.00																																																																				
22-60	Fabrication/installation	06FEB08	40	01APR08	01APR08		377		0.00	26,706.00																																																																				
+ 25 - Neutral Beam Injection System																																																																														
		01APR03A	757	30MAR06A	30MAR06A			100	287,690.77	287,690.77																																																																				
31 - Magnetic Diagnostics																																																																														
Job: 3101 - Magnetic Diagnostics-STRATTON																																																																														
Vacuum Vessel Saddle Loops																																																																														
3101-154	Fab Installation Templates (for spacers)	07DEC07	5	13DEC07	30JAN08		229		0.00	269.36																																																																				
3101-165	Identify lead wires at multiple locations	01JAN07A	100*	21MAY07	21MAY07		591	70	5,480.86	7,829.80																																																																				
3101-161	SUPT LOOP INSTL 200 LOOPS), TESTING	01AUG06A	327*	16NOV07	16NOV07		465	LOE	3,222.51	6,381.20																																																																				
Saddle Loop Termination Boxes																																																																														
3101-333	Complete termination box design & prototyping	26SEP05A	47*	31OCT05A	31OCT05A			100	10,833.80	10,833.80																																																																				
3101-421	FDR of terminations incl in saddle loop FDR	31MAY06A	1	31MAY06A	31MAY06A			100	0.00	0.00																																																																				
3101-422	Fab Prototype term. Box	01MAY06A	20	31MAY06A	31MAY06A			100	3,260.00	3,260.00																																																																				
3101-517	Fab termination boxes (24)	01FEB07A	63*	30APR07	27OCT06		606	75	20,912.91	27,883.88																																																																				
3101-517A	Install termination boxes	26FEB07A	204*	13DEC07	30JAN08		121		1,228.45	9,987.38																																																																				
Modular Coil C-wound Loops																																																																														
3101-205	MOUNTING/LOCATING STRATEGY MC CO-WOUND	01JAN05A	20	31JAN05A	31JAN05A			100	3,208.40	3,208.40																																																																				
3101-209	PROTOTYPE ON TWISTED RACETRACK	01MAR05A	20	31MAR05A	31MAR05A			100	4,741.80	4,741.80																																																																				
3101-213	DESIGN TERMINATION	01MAR05A	130*	31AUG05A	31AUG05A			100	7,302.40	7,302.40																																																																				
3101-221	PROCURE MATERIALS	25JUL05A	0*	29JUL05A	29JUL05A			100	6,410.90	6,410.90																																																																				
3101-217	Peer review of lead routing	31JAN06A	0*	31JAN06A	31JAN06A			100	6,940.40	6,940.40																																																																				
3101-230	Install heat shrink tubing on MI cable	31JAN06A	304*	16APR07	30OCT06		153	72	8,479.85	11,777.56																																																																				

Blanchard =8hr ;
EE//SM =9hr ;
Blanchard =95hr ; EM//SM =80hr ;
ELECT SM =00hr ;
MECH DESIGN =00 ;
EA//DM =79hr ;
Blanchard =38hr ;
EM//SM =41hr ;
FOM TECHS SM =00hr ;
EM//TB =120hr ;
41=125k ;

; MACHINIST =2hr ;
diag tech=60; labik=20
LABIK =40hr oversight (reduced) installation time in WBS18 job 1810
labik=10,machinist=336
labik=10,machinist=10; diag tech=96
LABIK =40hr ;jurczynski=40

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	BASELINE FINISH DATE	Shifts	Total Float in days (21 days= 1 mo.)	Percent Complete	Earned value cost (BCWP)	Budget (ECP-53)	FY07												FY08												FY09												
											F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J							
3101-229	SUPPORT NSTALLATION	01MAR06A	318*	30JUN06A	30JUN06A			100	3,470.20	3,470.20																																					
3101-231	Terminate MC co-wound loops	01AUG07*	149*	10MAR08	10MAR08		393		0.00	11,214.23																																					
Rogowski Coils																																															
3101-301	LAYOUT LOCATION ROWGOSKI COIL &EST COIL DIMEN	01JUN05A	166*	31JAN06A	31JAN06A			100	4,924.69	4,924.69																																					
3101-309	DESIGN COIL MOUNTING TECHNIQUE	26SEP05A	127*	31MAR06A	31MAR06A			100	3,459.89	3,459.89																																					
3101-305	coil design	03OCT05A	275*	15MAY07	28FEB07		595	70	2,314.83	3,306.90																																					
3101-312	Mandrel prototype	01DEC06A	50	11JUN07	19JAN07		577	20	0.00	0.00																																					
3101-313	DESIGN LEAD ROUTING AND TERMINATION	01DEC06A	20	22DEC06A	30NOV06			100	3,130.00	3,130.00																																					
3101-317	PDR PREP- ROWGOWSKI COIL	01DEC06A	122*	30MAY07	05JAN07		158	90	4,282.47	4,758.30																																					
3101-318	PDR - ROWGOWSKI COIL		0	30MAY07*	05JAN07*		158		0.00	0.00																																					
3101-321	Specify Rogowski Coils	31MAY07*	10	13JUN07	19JAN07		158		0.00	3,130.00																																					
3101-325	FDR PREP ROWGOSKI COIL	14JUN07*	10	27JUN07	02FEB07		158		0.00	3,130.00																																					
3101-326	FDR - ROWGOSKI COIL		0	27JUN07	02FEB07		158		0.00	0.00																																					
3101-329	FAB ROWGOWSKI COILS (2)	28JUN07	10	12JUL07	16FEB07		158		0.00	22,750.00																																					
TF and PF Co-wound Loops																																															
3101-401	MOUNTING/LOCATING TECHNIQUE TF CO-WOUND	25JUL05A	28*	31AUG05A	31AUG05A			100	6,275.20	6,275.20																																					
3101-409	FINALIZE LOOP LOCATION/MOUNTING TECHNIQUE	01AUG05A	20	31AUG05A	31AUG05A			100	6,416.80	6,416.80																																					
3101-417	PROCURE MATERIALS	01MAY06A	227	30MAR07A	28FEB07			100	9,976.14	9,976.14																																					
3101-425	INSTALL HEAT SHRINK CABLE(for 3 TF coils)	01NOV06A	20	27APR07	28MAR07		256	40	1,033.96	2,584.89																																					
3101-426	INSTALL HEAT SHRINK CABLE (for 6 PF coils)	02APR07*	20	27APR07	29JAN07		377		0.00	5,169.78																																					
3101-429	INSTALL TERMINATIONS	03OCT07*	251	03OCT08	03OCT08		247		0.00	8,207.07																																					
Modular Coil Shell Saddle Loops**CANCELLED SCOPE																																															
3101-501	DETERMINE NUMEBR AND LOCATION OF LOOPS	01MAY06A	106*	29SEP06A	29SEP06A			100	3,311.80	3,311.80																																					
+ Prior Costs																																															
		01JAN05A	379	30JUN06A	30JUN06A			100	127,097.00	127,097.00																																					
ECP50-100	ECP50 Mod coil shell saddle loop deletion	01OCT05A	251	31JUL06A	31JUL06A			100	59,420.00	59,420.00																																					
FY05CV-32	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			100	30,000.00	30,000.00																																					
FY06CV-01	FY06 YTD cost vari (offset by scope reductions)	01OCT05A	251	28FEB06A	28FEB06A			100	83,638.40	83,638.40																																					
36 - Edge and Divertor Diagnostics																																															
Job: 3601 - Edge Divertor Diagnostics-STRATTON																																															
361-001	Design Visible Camera sys	11JAN08*	40	06MAR08	06MAR08		101		0.00	856.55																																					
361-015	Fab/Assy/Installation Visible Camera	07MAR08*	130	09SEP08	09SEP08		101		0.00	8,506.30																																					

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											F				M				A				M				F				M				A				M				J				J				A				S				O				N				D			
											F	M	A	M	F	M	A	M	F	M	A	M	F	M	A	M	F	M	A	M	F	M	A	M	F	M	A	M	F	M	A	M	F	M	A	M	F	M	A	M	F	M	A	M	F	M	A	M												
38 - Electron Beam (EB) Mapping																																																																						
Job: 3801 - Electron Beam Mapping-STRATTON																																																																						
380-010	Design-Beam Probe,Fluor. Screen	01FEB08*	40	27MAR08	27MAR08		114		0.00	8,853.00																																																												
380-015	Fab & Install Beam probe	16APR08	102	09SEP08	09SEP08		101		0.00	20,543.60																																																												
39 - Diagnostics Integration																																																																						
Job: 3901 - Diagnostics sys Integration-STRATTON																																																																						
+ Prior Costs																																																																						
		01APR03A	1,007						345,322.33	345,322.33																																																												
FY07 Rebaseline Exercise																																																																						
ECP53RBX14	FY07 Rebaseline exercise	01FEB07A	85*	31MAY07	31MAY07		584	LOE	5,148.03	10,421.12																																																												
390-03	LOE Support FY07	01OCT06A	249*	28SEP07	28SEP07		500	LOE	14,122.25	28,820.91																																																												
41 - AC Power																																																																						
Job: 4101 - AC Power-RAMAKRISHNAN																																																																						
411 - Auxiliary AC Power Systems																																																																						
4101-100	Prepare Preliminary One line diagram	01MAR04A	173*	30SEP04A	30SEP04A	GPPX		100	8,440.00	8,440.00																																																												
4101-100.1	Prepare Preliminary One line diagram	01OCT07*	173	11JUN08	11JUN08		327		0.00	1,122.95																																																												
411-1-100	Ex-Test cell AC pwr-Reactiv.&new instl**GPP TASK	01OCT07*	241	17SEP08	17SEP08	GPP	259		0.00	0.00																																																												
411-2-2	Grounding-Dsn	01OCT07*	86	08FEB08	08FEB08		114		0.00	32,293.04																																																												
411-2-4	Grounding-Procure	11FEB08*	107	10JUL08	10JUL08		114		0.00	7,025.00																																																												
411-2-6	Grounding-Install	09MAY08*	43	10JUL08	10JUL08		114		0.00	47,140.66																																																												
411-2-8	Grounding-Commission	11JUL08*	29	20AUG08	20AUG08		114		0.00	16,816.88																																																												
411-3-2	Test Cell AC Power Distr-Dsn**GPP TASK**	01OCT07*	90	14FEB08	14FEB08	GPP	181		0.00	0.00																																																												
411-3-2.04	Test Cell AC Power fy04	01APR04A	186*	30SEP04A	30SEP04A	GPPX		100	73,000.00	73,000.00																																																												
411-3-4	TC AC Pwr Distr-Procure(pnls&xfrms)**GPP TASK**	01JUL05A	108*	28NOV07	28NOV07	GPPX	457	20	9,050.00	9,050.00																																																												
411-3-6	Test Cell AC Power Distr-Install**GPP TASK**	15FEB08	65	15MAY08	15MAY08	GPP	181	100	16,280.00	16,280.00																																																												
411-3-8	Test Cell AC Power Distr-Commission**GPP TASK**	14MAR08*	45	15MAY08	15MAY08	GPP	181		0.00	0.00																																																												
412 - Experimental AC Power Systems																																																																						
412-1-2	D-site Pulsed AC Power Distr-Dsn	01OCT07*	65	10JAN08	10JAN08		103		0.00	11,964.40																																																												
412-1-4	D-site Pulsed AC Power Distr-Procure	11JAN08	65	10APR08	10APR08		103		0.00	7,025.00																																																												
412-1-6	D-site Pulsed AC Power Distr-Install	11APR08	40	06JUN08	06JUN08		103		0.00	18,885.76																																																												
412-1-8	D-site Pulsed AC Power Distr-Commission	09JUN08	40	04AUG08	04AUG08		103		0.00	11,111.52																																																												

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											FY07					FY08					FY09																
											F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A
+		01OCT04A	251	30SEP05A	30SEP05A	GPPX		100	2,000.00	2,000.00																											
43 - DC Systems																																					
Job: 4301 - DC Systems-RAMAKRISHNAN																																					
431 - C-Site DC Systems																																					
431-260	Power loop design	01NOV04A	350*	23DEC05A	23DEC05A			100	111,112.40	111,112.40																											
431-200	Condition/spare parts inventory	01OCT04A	394*	31OCT07	31OCT07		477	95	17,069.76	17,968.17	hatcher=24;cropper=120																										
431-210	Organize & verify documentation	01OCT04A	394*	31OCT07	31OCT07		477	95	43,497.18	45,786.51	raki=104;cropper=64;nelson=200																										
431-215	Document status	01OCT04A	394*	31OCT07	31OCT07		477	90	5,789.39	6,432.66	raki=40																										
431-225	Reactivate DF & PEI units	01JUL05A	209*	31OCT07	31OCT07		477	90	13,194.28	14,689.69	Hatcher=16;cropper=24;wisowaty=80 raki=16																										
431-230	Load test	01JUL05A	209*	31OCT07	31OCT07		477	90	16,984.57	18,901.12	Hatcher=40;mg wisowaty=120 raki=16																										
431-240	Simulate each of 6 pwr loops in PSCAD	01OCT07*	40	23NOV07	23NOV07		460		0.00	19,562.08	Hatcher=80 ee//tb=64																										
431-250	c-site dc sys DGS dsn documentation	01OCT07*	40	23NOV07	23NOV07		460		0.00	7,719.52	raki=16;jones=40																										
431-261	Redo power loop design	01OCT07*	40	23NOV07	23NOV07		179		0.00	51,976.96	raki=128;jones=240																										
431-265	Fabricate bus components	26NOV07*	55	21FEB08	21FEB08		179		0.00	18,784.72	raki=16;ee//sm=40;ee//tb=120																										
431-275	Power cabling & Installation	22FEB08*	88	25JUN08	25JUN08		179		0.00	222,174.60	raki=40;ee//sm=240;ee//tb=520 powers=90;m&s=7																										
431-276	Maint of C-site rectifiers	01OCT07*	249	29SEP08	29SEP08		251		0.00	21,655.61	ee//tb=173; 41=\$5k																										
+		01OCT04A	457	31JUL06A	31JUL06A			100	175,000.00	175,000.00																											
44 - Control and protection Systems																																					
Job: 4401 - Control & Protection-RAMAKRISHNAN																																					
441 - Electrical Interlocks																																					
441-095	Design Interlock sys	01OCT07*	65	10JAN08	10JAN08		135		0.00	33,708.00	raki=80;vankirk=160																										
441-097	Install Interlock sys	11JAN08	65	10APR08	10APR08		156		0.00	31,568.80	raki=80;ee//sm=120																										
441-100	PLC Specification	11JAN08	85	08MAY08	08MAY08		135		0.00	15,203.76	raki=40;cropper=56																										
441-105	Prep Block diagrams	11JAN08	85	08MAY08	08MAY08		135		0.00	18,687.60	raki=40;cropper=80																										
441-110	PLC CWD's & Cabling	09MAY08*	85	09SEP08	09SEP08		135		0.00	24,494.00	marsala=40;cropper=120																										
441-115	deliver PLC**DELETED ECP53**	09MAY08*	0	08MAY08	08MAY08		350		0.00	0.00																											
441-120	Program PLC Logic	10SEP08	45	11NOV08	11NOV08		220		0.00	25,471.60	lawson=40;cropper=120																										
441-125	Program Control pages	10SEP08	97	04FEB09	04FEB09		168		0.00	26,809.43	schneider=32;cropper=120;sichta=16																										
441-130	Pre-commissioning tests	11APR08	214	20FEB09	20FEB09		156		0.00	26,558.49	raki=40;cropper=120;M&S=1																										
441-135	Install I/O Cabling	10SEP08	130	23MAR09	23MAR09		135		0.00	123,986.15	raki=120;ee//sm=80;Powers=30 k ea//sm=160;ee//tb=160;41=\$8k																										
442 - Kirk Key Interlocks																																					
442-1-2	Kirk Keys-Dsn	01OCT07*	41	26NOV07	26NOV07		127		0.00	16,854.00	EA//DM =80hr ; EE//EM =40hr ;																										
442-1-4	Kirk Keys-Procure	27NOV07	65	07MAR08	07MAR08		127		0.00	14,050.00	41=\$10\$k ;																										

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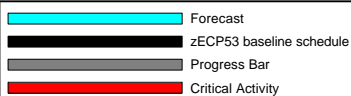
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											FY07				FY08				FY09										
											F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A
45 - Power System Design and Integration																													
Job: 4501 - Power Sys Dsn & Integr-RAMAKRISHNAN																													
Prior Costs																													
4501-001	Apr-Sept MIE Cost	01APR03A	43*	30SEP03A	30SEP03A			100	112,340.00	112,340.00																			
451 - System Design & Interfaces																													
4501-100	Design Drawings	02FEB04A	193*	30SEP04A	30SEP04A			100	19,807.80	19,807.80																			
4501-110	Calculations-FY04	01MAR04A	151*	30SEP04A	30SEP04A			100	0.00	0.00																			
451-0-1	C-Site Decision	30APR04A	0	30APR04A	30APR04A			100	0.00	0.00																			
451-7-2	FDR DC transmission-Dsn	01MAY04A	0*	28MAY04A	28MAY04A			100	10,084.00	10,084.00																			
451-7-20	FDR DC transmission		0	28MAY04A	28MAY04A			100	0.00	0.00																			
451-2-1	CDR Power system -Dsn	01DEC04A	208*	31AUG05A	31AUG05A			100	41,299.20	41,299.20																			
451-0-2	Develop SRD	01OCT07*	15	19OCT07	20APR07		485		0.00	0.00																			
451-3-2	Dwgs,asbuilts -Elect Dsn	08OCT07*	245*	30SEP08	30SEP08		250		0.00	169,578.40	Jones 1040hr ; Raki =2																		
451-2-2	PDR Prep Power system -Dsn	03APR06A	86*	28NOV07	28NOV07		417	20	9,328.48	46,642.40	vankirk=160;raki=160																		
451-2-3	PDR Power system -Dsn		0	28NOV07	28NOV07		457		0.00	0.00																			
451-6-2	FDR C-Site -Cabling	01SEP05A	186*	28NOV07	28NOV07		457	5	1,707.11	34,142.25	VANKIRK =120hr ; Raki =120hr ;																		
451-2-2.1	FDR C-Site	01NOV05A	101	05FEB08	05FEB08		417	2	691.75	34,587.50	VANKIRK =120hr ; Raki =120hr ;																		
451-4-2	FDR AC auxiliaries & grounding-Dsn	15FEB08*	45	17APR08	17APR08		365		0.00	11,964.40	VANKIRK =40hr ; Raki =40hr ;																		
451-1-2	Calculations-Dsn	01OCT07*	249	29SEP08	29SEP08		251		0.00	57,576.32	Raki =320hr ;design=8																		
452 - Electrical Systems Support																													
452-1-2	Diagnostics AC Power Distr-Dsn	01OCT07*	90	14FEB08	14FEB08		101		0.00	29,069.73	ELECT DESIGN =201 ; RAKI =25hr ;																		
452-1-4	Diagnostics AC Power Distr-Procure	15FEB08	65	15MAY08	15MAY08		141		0.00	435.55	41=00\$k ;																		
452-1-6	Diagnostics AC Power Distr-Install	15FEB08	105	14JUL08	14JUL08		101		0.00	25,137.05	ELECT SM =25hr ; ELECT TB =25hr ; RAKI =25hr ;																		
452-1-8	Diagnostics AC Power Distr-Commission	18JUL08	37	09SEP08	09SEP08		101		0.00	10,138.57	ELECT SM =25hr ; ELECT TB =50hr ; RAKI =13hr ;																		
452-2-2	Diagnostics sensor cabling-Dsn	01OCT07*	43	28NOV07	28NOV07		145		0.00	8,381.57	ELECT DESIGN =50 ; RAKI =13hr ;																		
452-2-4	Diagnostics sensor cabling-Procure	03DEC07	65	11MAR08	11MAR08		145		0.00	885.15	41=01\$k ;																		
452-2-6	Diagnostics sensor cabling-Install	12MAR08	43	09MAY08	09MAY08		145		0.00	7,055.23	ELECT SM =10hr ; ELECT TB =50hr ; RAKI =08hr ;																		
452-2-8	Diagnostics sensor cabling-Commission	12MAY08	40	08JUL08	08JUL08		145		0.00	2,027.48	ELECT SM =05hr ; ELECT TB =03hr ; RAKI =03hr ;																		
453 - System Testing (PTP's)																													
453-1-2	New Procedures	01OCT07*	90	14FEB08	14FEB08		153		0.00	71,786.40	EA/DM =240hr ; EE/EM =240hr ;																		
453-1-4	Preop Testing-Procure test eqipt	15FEB08*	65	15MAY08	15MAY08		188		0.00	35,125.00	41=25\$k ;																		
453-1-8	Testing PTP's, ISTPs	25APR08*	100	16SEP08	16SEP08		103		0.00	216,522.88	EE/SM =240hr ; EE/TB =3																		
FY07 Rebaseline Exercise																													
ECP53RBX15	FY07 Rebaseline exercise	01MAR07A	43*	30MAR07A	31MAY07				6,755.20	6,755.20	EE/EM =40hr ;																		

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											FY07												FY08												FY09											
											F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J
55-20	Final Design (Title II)	06DEC07	20	11JAN08	11JAN08		226		0.00	6,097.20													EC//EM =40hr ;																							
55-30	Installation, Testing, Documentation (Title III)	29APR08	120	16OCT08	16OCT08		150		0.00	79,025.00													EC//EM =260hr ; EC//tb=240hr ;																							
56 - Central Safety Interlock Systems																																														
Job: 5601 - Central Safety Interlock Syst-SICHTA																																														
56-10	Preliminary Design (Title I)	02OCT07*	87	12FEB08	12FEB08		171		0.00	6,097.20													EC//EM =40hr ;																							
56-20	Final Design (Title II)	13FEB08	45	15APR08	15APR08		171		0.00	6,097.20													EC//EM =40hr ;																							
56-30	Installation, Testing, Documentation (Title III)	16APR08	108	17SEP08	17SEP08		171		0.00	113,224.60													EC//EM =220hr ; EE//tb=800hr ;																							
57 - Control Room Facility																																														
Job: 5701 - Control Room Facility-SICHTA																																														
57-10		02APR07	0	30MAR07	29SEP06		627		0.00	0.00																																				
58 - Central I&C management and Integration																																														
Job: 5801 - Central I&C Integr& Oversight-SICHTA																																														
51-00	FY03	01APR03A	250*	30SEP03A	30SEP03A			100	11,900.00	11,900.00																																				
51-01	FY04 LOE support	01OCT03A	250*	30SEP04A	30SEP04A			100	16,000.00	16,000.00																																				
51-02	FY05 LOE support	01OCT04A	249*	30SEP05A	30SEP05A			100	12,462.26	12,462.26																																				
58-FY06	FY07 LOE support	01MAY06A	107*	29SEP06A	29SEP06A			100	11,992.80	11,992.80																																				
58-FY07	FY07 LOE support	02OCT07*	249*	30SEP08	30SEP08		250	LOE	0.00	12,194.40													EC//EM=80																							
FY05CV-38	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			100	-7,000.00	-7,000.00																																				
FY06CV-180	ECP45 FY06 cv	01OCT05A	251*	30MAR06A	30MAR06A			100	340.00	340.00																																				
61 - Water Systems																																														
Job: 6101 - Water Systems-DUDEK																																														
613 - Vacuum Pumping System																																														
623.011	Design WBS 612 **N/R**	01NOV07*	59	04FEB08	04FEB08		209		0.00	0.00													em//em=10 em//tb=58; 41=\$5k																							
632.021	WBS 612 Assembly/Fabrication/Installation	05FEB08	40	31MAR08	31MAR08		209		0.00	13,423.00																																				
62 - Cryogenic Systems																																														
Job: 6200 - Cryost Cooling Conc Dsn-GETTELFINGER																																														
6200-505	Analyze thermal response.Deter perf reqmts	13SEP07*	15	03OCT07	03OCT07		106		0.00	23,926.56													BROOKS =48hr ; GETTELFINGER=96hr ;																							
6200-510	Peer review of thermal model & perf requirements	04OCT07	5	10OCT07	10OCT07		106		0.00	5,245.12													GETTELFINGER=32hr ;																							
6200-515	Conceptual design for cryostat cooling sys (CCS)	11OCT07	15	31OCT07	31OCT07		106		0.00	27,470.40													GETTELFINGER=96hr ; MORRIS =96hr ;																							
6200-520	Prototype CCS elements in CTF use a MC as load.	01NOV07	40	08JAN08	08JAN08		106		0.00	112,692.64													41=20\$; EM//TB =512hr ; GERNHARDT =48hr ; GETTELFINGER =208hr																							
6200-525	Conduct CDR for cryostat cooling system design.	09JAN08	5	15JAN08	15JAN08		106		0.00	5,245.12													GETTELFINGER=32hr ;																							

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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	BASELINE FINISH DATE	Shifts	Total Float in days (21 days= 1 mo.)	Percent Complete	Earned value cost (BCWP)	Budget (ECP-53)	FY07												FY08												FY09																																																																																											
											F				M				A				M				J				J				A				S				O				N				D				F				M				A				M				J				J				A				S				O				N				D				J				F				M				A				M				J				J			
											F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	F	M	A	M	J	J	F	M	A	M	J	J	F	M	A	M	J	J	F	M	A	M	J	J	F	M	A	M	J	J																																																								
Job: 6201 - Cryogenic Systems-DUDEK																																																																																																																														
621 - LN2-LHe Supply System																																																																																																																														
631-001	Preliminary Design	16JAN08*	30	26FEB08	09NOV07		179		0.00	14,587.99																									EM/EM =89hr ;																																																																																											
631-010	Final Design**reduced scope	27FEB08	30	08APR08	03JAN08		179		0.00	16,543.83																									EM/EM =89hr ; EA/DM =176-160=16																																																																																											
631-020	Procurement **reduced scope	09APR08	88	12AUG08	06MAY08		179		0.00	123,078.00																									41=88\$K -51.4=36.6 ;																																																																																											
631-015	Fab/Assy/Installation**reduced scope	05JUN08	65	05SEP08	30MAY08		179		0.00	68,281.06																									EM/EM =89hr ; EM/SM EM/TB =580-170=410hr ;																																																																																											
622 - LN2 Coil Cooling Supply																																																																																																																														
632-001	**deleted scope	02APR07	0	30MAR07	29SEP06		627		0.00	0.00	FOM ENGR																								=00hr ;																																																																																											
623 - GN2 Cryostat Cooling System																																																																																																																														
633-001	Preliminary Design	16JAN08*	20	12FEB08	26OCT07		164		0.00	14,587.99																									EM/EM =89hr ;																																																																																											
633-020	Procurement	26MAR08	130	26SEP08	20JUN08		164		0.00	112,329.75																									41=80\$K ;																																																																																											
633-010	Final Design	13FEB08	30	25MAR08	11DEC07		164		0.00	24,367.19																									EM/EM =89hr ; EA/DM =80hr ;																																																																																											
633-015	Fab/Assy/Installation	23MAY08	88	26SEP08	20JUN08		164		0.00	68,412.79																									EM/EM =89hr ; EM/TB																																																																																											
63 - Utility Systems																																																																																																																														
Job: 6301 - Utility Systems-DUDEK																																																																																																																														
640.011	Design GN2, Air & Vent Systems	01OCT07*	59	02JAN08	02JAN08		244		0.00	32,671.20																									em/em=80; ea/dm=160																																																																																											
640.021	Assembly/Fabrication	03JAN08	40	27FEB08	27FEB08		244		0.00	70,455.58																									em/em=48; em/tb=458; 41=\$17.40k																																																																																											
64 - PFC/VV Heating & Cooling*ELIMINATED*																																																																																																																														
Job: 6401 - PFC/VV Htng/Cooling(bakeout)-tDUDEK																																																																																																																														
650.001	Eliminated scope	02APR07	0	30MAR07	29SEP06		627		0.00	0.00																																																																																																																				
65 - Facility Systems Integration																																																																																																																														
Job: 6163 - Facility Systems Support FY04-DUDEK																																																																																																																														
65-03	LOE WBS 6	01OCT03A	250*	30SEP04A	30SEP04A			100	15,000.00	15,000.00																																																																																																																				
Job: 6501 - Facility Systems Integration-DUDEK																																																																																																																														
Prior Costs																																																																																																																														
6501-001	Apr-Sept MIE Cost PPPL	01APR03A	0	30SEP03A	30SEP03A			100	9,380.00	9,380.00																																																																																																																				
+ 71 - Shield Wall Seismic Modifications																																																																																																																														
		01APR03A	757	30MAR06A	30MAR06A			100	32,640.00	32,640.00																																																																																																																				
72 - Control Room Refurbishment																																																																																																																														
Job: 7201 - Control Room Walls&Floors-PERRY																																																																																																																														
710.001	Install Wall east side control room	02APR07*	24	03MAY07	02NOV06		585		0.00	0.00																									Funded by GPP **ECP34**																																																																																											
711B.050	Complete Control Room Flooring **post CD-4**	04MAY07*	18	30MAY07	30NOV06		585		0.00	0.00																																																																																																																				

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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	BASELINE FINISH DATE	Shifts	Total Float in days (21 days= 1 mo.)	Percent Complete	Earned value cost (BCWP)	Budget (ECP-53)	FY07 FY08 FY09																		
											FY07					FY08					FY09								
											F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A
73 - Platform Design & Fabrication																													
Job: 7301 - Platform Design & Fab-PERRY																													
712.008	Update Platform Specification	01JUN05A	0*	30JUN05A	30JUN05A			100	6,416.80	6,416.80																			
712.010	Final Design	02MAY05A	43*	30JUN05A	30JUN05A			100	53,163.80	53,163.80																			
711A.040	Platform nut plates	01APR05A	166*	31JAN08	31JAN08		169	90	25,880.16	28,755.73	em/tb mech shop =360 hrs;41=\$1k																		
712.020	Platform Parts	03DEC07*	22	10JAN08	10JAN08		184		0.00	25,249.24	PERRY=410;em/sm=23;em/tb=250																		
712.030	Miscs Hardware/Material	01JUL05A	83*	31OCT07	31OCT07		226	80	36,609.50	45,761.87	41=\$35k																		
FY05CV-39	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			100	-50,000.00	-50,000.00																			
FY06CV-195	ECP45 FY06 cv	01OCT05A	251*	30MAR06A	30MAR06A			100	3,740.00	3,740.00																			
74 - Machine Assembly Planning and Oversight																													
Job: 7401 - TC Prep & Mach Assy Planning-PERRY																													
+ Prior Costs																													
		01APR03A	757	30MAR06A	30MAR06A			100	632,674.88	632,674.88																			
Project Scope																													
714.020	LOE FY06 prior to assy starting	02APR07*	185*	21DEC07	21DEC07		442		0.00	31,717.88	perry=120;langella90																		
714.030	LOE FY07 thru first plasma	02JAN08*	313*	31MAR09	31MAR09		129		0.00	634,931.07	perry=207																		
Test Cell Modifications & Upgrades																													
714.020X	TC power instl	01AUG05A	436*	30SEP05A	30SEP05A	GPPX		100	63,670.00	63,670.00																			
613.030	Test Cell copper ground plane cuts	01JUL05A	130	29JUN07	29JUN07		563	80	8,375.12	10,468.91	techshop 120 41=\$1k																		
713.010	General procurements	02APR05A	128*	30SEP05A	30SEP05A			100	19,215.00	19,215.00																			
7502-000	Outlet Design	02FEB04A	107*	30JUN04A	30JUN04A	GPPX		100	25,270.00	25,270.00																			
7502-001	Test Cell 110v outlets GPP SCOPE TO COMPLETE	01APR05A	256*	28SEP07	28SEP07	GPPX	500	100	13,220.00	13,220.00	81=13\$k ;																		
7502-002	Test Cell 208v outlets GOO SCOPE TO COMPLETE	01APR05A	256*	28SEP07	28SEP07	GPPX	500	100	6,610.00	6,610.00	81=07\$k ;																		
7502-003	Install 480v power in test cell	01SEP05A	0*	30SEP05A	30SEP05A	GPPX		100	0.00	0.00																			
7502-004	Install 120v panels in test cell	01SEP05A	0*	30SEP05A	30SEP05A	GPPX		100	0.00	0.00																			
7502-011	Cable Removal in test cell (S04335-32)	01OCT03A	0*	31OCT03A	31OCT03A	GPPX		100	9,940.00	9,940.00																			
7502-025	TC Floor penetration covers	03NOV03A	42	26NOV03A	26NOV03A			100	16,803.20	16,803.20																			
EXFAC001.2	Complete Crane Modifications (S04354)	02FEB04A	0*	30JAN04A	30JAN04A			100	37,608.48	37,608.48																			
75 - Test Cell and Basement Assembly Operations																													
Job: 7501 - Construction Support Crew-PERRY																													
7501-05	Construction Support Crew during machine assy	26JUN08	173*	10MAR09	27FEB09		66		0.00	478,938.95	Work Contr Tool Crib Cd Crane Oper Forklift Oper																		
7501-06	Construction Support Crew e-beam mapping&ISTP	11MAR09	35*	28APR09	17APR09		66		0.00	97,395.20	em/tb=1120support techs (4 techs)																		

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											FY07				FY08				FY09										
											F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A
Job: 7502 - Test Cell Facility Prep-PERRY																													
Job: 7503 - Machine Assembly (station 6)-PERRY																													
Revised Assembly Logic (ecp18)												<p>EA/EM =60hr ; EM/TB =480hr ; EM/SM =120hr ;</p> <p>EA/EM =120hr ; EM/TB =960hr ; EM/SM =240hr ;</p> <p>EM/SM =16hr ; EM/TB =32hr ;</p> <p>EA/EM =40hr ; EM/TB =320hr ; EM/SM =80hr ;</p> <p>EA/EM =40hr ; EM/TB =320hr ; EM/SM =80hr ;</p> <p>EA/EM =20hr ; EM/TB =160hr ; EM/SM =40hr ;</p> <p>EA/EM =40hr ; EM/TB =320hr ; EM/SM =80hr ;</p> <p>EA/EM =24hr ; EM/TB =192hr ; EM/SM =48hr ;</p> <p>EA/EM =12hr ; EM/TB =12hr ;</p> <p>EA/EM =40hr ; EM/TB =320hr ; EM/SM =80hr ;</p> <p>EA/EM =60hr ; EM/TB =720hr ; EM/SM =120hr ;</p> <p>EM/SM =120hr ; EM/TB =720hr ;</p> <p>EM/SM =40hr ; EM/TB =160hr ;</p> <p>EM/TB =320hr ; ?TBD</p> <p>EM/TB =72hr ; ?TBD</p> <p>***** PUMP DOWN OF VACUUM VESSEL DOE LEVEL 2 MILESTONE PEP DATE = FEBRUARY 2009 *****</p> <p>EM/SM =80hr ; EM/TB =480hr ;</p> <p>EA/EM =40hr ; EM/TB =480hr ; EM/SM =80hr ;</p>																	
7502-020	Resurface TC floor**DELETED**	02APR07*	42	30MAY07	30NOV06		501		0.00	0.00																			
7502-030	TC Floor firesealing**DELETED**	31MAY07	42	30JUL07	06FEB07		501		0.00	0.00																			
7502-035	Control room firesealing**DELETED**	31JUL07	42	27SEP07	05APR07		501		0.00	0.00																			
7503-010	Begin Assembly Activities	26JUN08*	0				66		0.00	0.00																			
7503-020	Install & Level Support Base Plates	26JUN08	8	08JUL08	26JUN08	2	66		0.00	66,907.80																			
7503-030	Install/Level FPA's and Spool Piece supports	09JUL08	15	29JUL08	18JUL08	2	66		0.00	133,815.60																			
7503-060	Install Lower PF 4,5&6 into prelim position	18AUG08	2	19AUG08	08AUG08		66		0.00	4,780.48																			
7503-070	Install 3 Spool Pieces on fixt & test movement	30JUL08	10	12AUG08	01AUG08		66		0.00	44,605.20																			
7503-080	FPA-1 Installed on support platform		0	12AUG08	01AUG08		66		0.00	0.00																			
7503-090	Install local Platforms around FPA-1	21AUG08	5	27AUG08	18AUG08	2	66		0.00	44,605.20																			
7503-110	FPA-2 Installed on support platform		0	12AUG08	01AUG08		66		0.00	0.00																			
7503-120	Test movement of FPA-1& -2 & position checks.	13AUG08	5	19AUG08	08AUG08		66		0.00	22,302.60																			
7503-130	Install local Platforms around FPA-2	15AUG08	3	19AUG08	08AUG08		66		0.00	44,605.20																			
7503-150	FPA-3 Installed on support platform		0	19AUG08	08AUG08		66		0.00	0.00																			
7503-160	Position all FPA's / Spool Pieces @ MC Interface	20AUG08	6	27AUG08	18AUG08		66		0.00	26,763.12																			
7503-170	FPA Metrology Checks to Assure Alignment	28AUG08	3	02SEP08	21AUG08		66		0.00	3,257.04																			
7503-190	Install local Platforms around FPA-3	03SEP08	5	09SEP08	28AUG08	2	66		0.00	44,605.20																			
7503-180	MC Interfaces: shim, ream holes ,bolt together	10SEP08	15	30SEP08	19SEP08		66		0.00	86,599.80																			
7503-200	Mate-up and weld all VV-to-Spool interfaces	01OCT08	15	21OCT08	10OCT08		66		0.00	79,740.00																			
7503-240	Bolt on preassembled pump duct	22OCT08	5	28OCT08	17OCT08		66		0.00	19,623.20																			
7503-240.1	Install insulation boots	29OCT08	5	04NOV08	24OCT08	2	66		0.00	27,827.20																			
7503-240.2	Install insulation	05NOV08	2	06NOV08	28OCT08	2	66		0.00	6,261.12																			
7503-250	Begin Vac Vsl Pumpdown	07NOV08	0				66		0.00	0.00																			
7503-260	PTP Pumpdown & leak check VV	07NOV08	10	20NOV08	11NOV08		66		0.00	53,160.00																			
7503-210	Fit-up all TF coils	22OCT08	10	04NOV08	24OCT08		66		0.00	61,188.40																			

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											FY07				FY08				FY09										
											F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A
7503-270	Raise lower PF 4,5&6 coils into final position	05NOV08	6	12NOV08	03NOV08		66		0.00	28,364.88	EA/EM =24hr ; EM/TB =192hr ; EM/SM =48hr ;																		
7503-280	Install Upper PF 4,5 & 6 coils	13NOV08	6	20NOV08	11NOV08		66		0.00	28,364.88	EA/EM =24hr ; EM/TB =192hr ; EM/SM =48hr ;																		
7503-290	Install PF Solenoid into position (U/L PF1,2,3)	21NOV08	4	26NOV08	17NOV08		66		0.00	18,909.92	EA/EM =16hr ; EM/TB =128hr ; EM/SM =32hr ;																		
7503-290A	Install trim coils	01DEC08	5	05DEC08	24NOV08		66		0.00	18,909.92	EA/EM =16hr ; EM/TB =128hr ; EM/SM =32hr ;																		
7503-310	Complete LN2 connections	08DEC08	10	19DEC08	10DEC08		66		0.00	39,246.40	EM/SM =80hr ; EM/TB =320hr ;																		
7503-320	Complete Elect Pwr connections	08DEC08	10	19DEC08	10DEC08	2	66		0.00	106,320.00	EM/SM =160hr ; EM/TB =960hr ;																		
7503-321	Complete mag diag & machine I&C	08DEC08	10	19DEC08	10DEC08	2	66		0.00	50,665.60	EM/SM =160hr ; EM/TB =320hr ;																		
7503-330	Begin Cryostat Installation	22DEC08	0				66		0.00	0.00	***** BEGIN CRYOSTAT INSTALLATION DOE LEVEL 2 MILESTONE PEP DATE = APRIL 2009 *****																		
7503-340	Install Cryostat Base, vapor barrie& port boots	22DEC08	10	13JAN09	02JAN09		66		0.00	39,246.40	EM/SM =80hr ; EM/TB =320hr ;																		
7503-350	Install Cryostat upper section,VB and port boots	14JAN09	10	27JAN09	16JAN09		66		0.00	39,246.40	EM/SM =80hr ; EM/TB =320hr ;																		
7503-360	Install Midplane Cryostat sections and port boot	28JAN09	15	17FEB09	06FEB09		66		0.00	58,869.60	EM/SM =120hr ; EM/TB =480hr ;																		
7503-370	Install Cryostat Circulation Duct	18FEB09	5	24FEB09	13FEB09		66		0.00	19,623.20	EM/SM =40hr ; EM/TB =160hr ;																		
730.1248	ACC Review	21JAN09	20	17FEB09	06FEB09		66		0.00	0.00																			
730.1249	PSO Operational Readiness Assessment	18FEB09	5	24FEB09	13FEB09		66		0.00	0.00																			
730.1250	PSO Operational Readiness Assessment		0	24FEB09	13FEB09		66		0.00	0.00	***** COMPLETE OPERATIONAL READINESS ASSESSMENT DOE LEVEL 2 MILESTONE PEP DATE = JUNE 2009 *****																		
730.8200	PTP and Cooldown	25FEB09	10	10MAR09	27FEB09		66		0.00	67,058.40	EM/EM =80hr ; EM/SM =80hr ; EM/TB =480hr ;																		
76 - Tooling Design & Fabrication																													
Job: 7601 - Tooling Design & Fabrication-PERRY																													
713.020	Lab Fab/Assy/Installation	01OCT07*	329*	30JAN09	30JAN09		171		0.00	30,691.35	PERRY=80,em																		
713.030	Tooling,assy fixtures,misc equip	01OCT07*	329*	30JAN09	30JAN09		171		0.00	84,804.26	41=\$60k																		
713.040	General procurements	01OCT07*	329*	30JAN09	30JAN09		171		0.00	63,603.19	41=\$45k																		
713.050	Welding tools, materials & equip	01OCT07*	329*	30JAN09	30JAN09		171		0.00	56,536.17	41=\$40k																		
81 - Project Management and Control																													
Job: 8101 - Project Management & Control-NEILSON																													
+ Prior Costs																													
		01APR03A	885	29SEP06A	29SEP06A			100	1,920,581.73	1,920,581.73																			
FY07 Rebaseline Exercise																													
ECP53RBX16	FY07 Rebaseline exercise	01MAR07A	65*	31MAY07	31MAY07		584		2,948.21	8,722.52	R//RM3 =38hr ;																		

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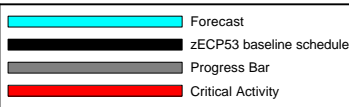
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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	BASELINE FINISH DATE	Shifts	Total Float in days (21 days= 1 mo.)	Percent Complete	Earned value cost (BCWP)	Budget (ECP-53)	Gantt Chart																		
											FY07				FY08				FY09										
											F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A
810.004	Project Management Office PPPL FY06	03OCT05A	249*	29SEP06A	29SEP06A			100	634,642.72	634,642.72																			
810.005	Project Management Office PPPL FY07	01OCT06A	245*	24SEP07	28SEP07		504	LOE	270,706.86	543,588.07	hutch=1294 75%; strykowski=1381 80%;pam=416 20%																		
810.900	Project Management Office PPPL FY08	01OCT07*	250*	30SEP08	30SEP08		250		0.00	448,055.63	hutch=863 50% strykowski=1238 70%;pa																		
810.909	Project Management Office PPPL FY09	01OCT08*	163*	29MAY09	29MAY09		87		0.00	83,597.30	hutch=190 11% strykowski=190 11%;;35=1																		
Job: 8102 - NCSX MIE Management ORNL-LYON																													
+ Prior Costs																													
		01APR03A	885	29SEP06A	29SEP06A			100	255,968.98	255,968.98																			
FY07 Rebaseline Exercise																													
ECP53RBX18	FY07 Rebaseline exercise	01MAR07A	65*	31MAY07	31MAY07		584		912.33	2,699.20	ORNLEM =16hr ;																		
810.104	Project Management Office ORNL FY06	01OCT05A	249*	29SEP06A	29SEP06A			100	173,610.65	173,610.65																			
810.104X	Project Management Office ORNL FY07	01OCT06A	249*	28SEP07	28SEP07		500	LOE	31,737.87	64,771.17	ORNLRM =530hr 30% ORNL41 =2\$																		
810.105X	Project Management Office ORNL FY08	02OCT07*	248*	29SEP08	29SEP08		251		0.00	36,106.00	ORNLRM =180hr 10% ORNL41 =2\$ ornlam=88																		
82 - Project Engineering																													
Job: 8202 - Engr Mgmt & Sys Eng Support-REIERSEN																													
+ Prior Costs																													
		01APR03A	885	29SEP06A	29SEP06A			100	2,275,876.34	2,275,876.34																			
FY07 Rebaseline Exercise																													
ECP53RBX19	FY07 Rebaseline exercise	02APR07*	43*	31MAY07	31MAY07		584		0.00	30,734.30	SIMMONS =170hr ;																		
820.04X	Proj engr FY07	01OCT06A	246*	25SEP07	25SEP07		503	LOE	197,198.21	397,577.03	wayne=1467;35=5k;dudek=690 such=173;																		
8205FY07	Systems Engineering Support FY07	02OCT06A	246*	25SEP07	25SEP07		503	LOE	46,450.01	93,649.22	simmons=518																		
820.004Z	Proj engr FY08	02OCT07*	246*	25SEP08	25SEP08		253		0.00	249,760.37	wayne=1036 60%;35=5k;d such=173																		
820.005	Proj engr FY09	01OCT08*	163*	29MAY09	29MAY09		87		0.00	52,618.14	wayne=234 20%;35=3																		
Job: 8203 - Design Integration-BROWN																													
+ Prior Costs																													
		01APR03A	885	29SEP06A	29SEP06A			100	712,348.70	712,348.70																			
8203-06	Complt rrw of machine assembly approach	02APR07*	4	05APR07	05OCT06		623		0.00	0.00																			
8203-07	Rvw cryostat & conventional magnet sys design	02APR07*	9	12APR07	12OCT06		618		0.00	0.00																			
8203-08	tolerance reqmnts for MCsuprt install fixt dwgs	02APR07*	39	24MAY07	27NOV06		588		0.00	0.00																			
8203-09	Machine suprt dsn f/compatibility with assy reqt	02APR07*	12	17APR07	17OCT06		615		0.00	0.00																			
8203-10	Dynamic simul MC half period install fixt w/ Pro	02APR07*	42	30MAY07	30NOV06		585		0.00	0.00																			

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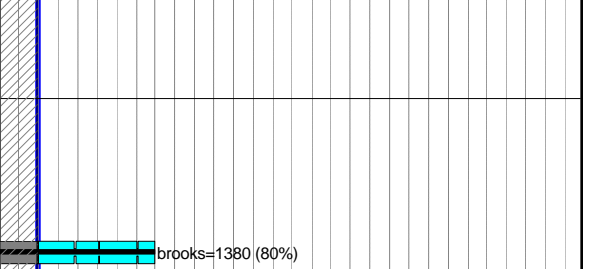


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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	BASELINE FINISH DATE	Shifts	Total Float in days (21 days=1 mo.)	Percent Complete	Earned value cost (BCWP)	Budget (ECP-53)	Schedule																		
											FY07					FY08					FY09								
											F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A
8203-11	Document NCSX Interlink& dwg control process	02APR07*	11	16APR07	16OCT06		616		0.00	0.00	[Gantt bar for 8203-11]																		
8203-12	Update definition VV spool piece assy simul	02APR07*	19	26APR07	26OCT06		608		0.00	0.00	[Gantt bar for 8203-12]																		
8203FY06	Design Integration FY06	03OCT05A	249*	29SEP06A	29SEP06A			100	140,201.64	140,201.64	[Gantt bar for 8203FY06]																		
8203FY07	Design Integration FY07	01OCT06A	249*	28SEP07	28SEP07		500	LOE	94,788.20	193,445.30	[Gantt bar for 8203FY07] brown=1070 62%																		
8203FY07M	Design Integration FY07	25JUN07*	39*	17AUG07	17AUG07		529		0.00	30,808.80	[Gantt bar for 8203FY07M] morris=320-56=264 (post ecp53 correction)																		
8203GY07M	Design Integration FY07	01MAY07*	43*	29JUN07	29JUN07		563		0.00	14,004.00	[Gantt bar for 8203GY07M] morris=120																		

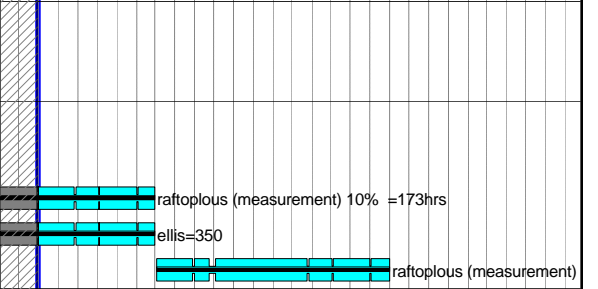
Job: 8204 - Systems Analysis-BROOKS

+ Prior Costs										
		01APR03A	885	29SEP06A	29SEP06A			100	644,052.25	644,052.25
8204FY06	Systems Analysis FY06	03OCT05A	249*	29SEP06A	29SEP06A			100	225,407.70	225,407.70
8204FY06.1	Systems Analysis FY06	01MAY06A	106*	29SEP06A	29SEP06A			100	75,019.86	75,019.86
8204FY06.2	Systems Analysis FY06	01MAY06A	107*	29SEP06A	29SEP06A			100	26,074.19	26,074.19
8204FY07	Systems Analysis FY07	01OCT06A	249*	28SEP07	28SEP07		500	LOE	122,321.07	249,634.83



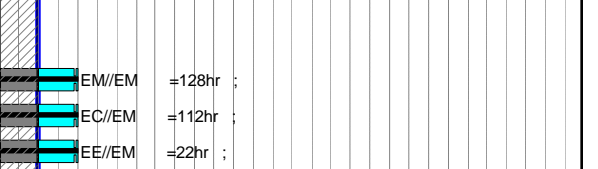
Job: 8205 - Dimensional Control Coordin-REIERSEN

+ Prior Costs										
		01OCT04A	500	29SEP06A	29SEP06A			100	49,458.84	49,458.84
METFY06R	Metrology for FP & machine assy FY06	03OCT05A	249*	29SEP06A	29SEP06A			100	189,307.03	189,307.03
METFY07R	Metrology for FP & machine assy FY07	01OCT06A	249*	28SEP07	28SEP07		500	LOE	15,325.57	31,276.67
METFY07R1	Metrology for FP & machine assy FY07 ecp53	01JAN07A	191*	28SEP07	28SEP07		500	LOE	21,197.63	63,276.50
METFY08R	Metrology for FP & machine assy FY08	03OCT07*	247*	29SEP08	29SEP08		251		0.00	32,761.01



Job: 8210 - FY07 Rebaseling tasks

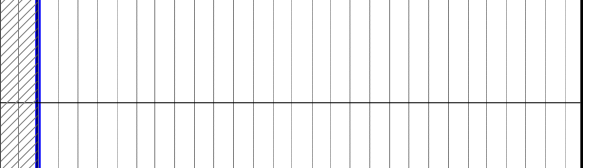
FY07 Rebaseline Exercise										
ECP53RBX23	FY07 Rebaseline exercise-Blanchard	01FEB07A	85*	31MAY07	31MAY07		584		9,895.81	20,032.00
ECP53RBX24	FY07 Rebaseline exercise-Sichta	01FEB07A	85*	31MAY07	31MAY07		584		8,015.92	16,226.56
ECP53RBX25	FY07 Rebaseline exercise-Raki	01FEB07A	85*	31MAY07	31MAY07		584		1,835.39	3,715.36



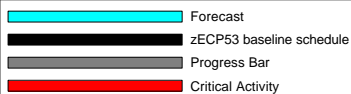
84 - Project Physics

Job: 8401 - Project Physcis-ZARNSTORFF

+ Prior Costs										
		01APR03A	757	30MAR06A	30MAR06A			100	324,606.20	324,606.20
+ Job: 8402 - Project Physics MIE ORNL-LYON										
		01APR03A	757	30MAR06A	30MAR06A			100	146,466.00	146,466.00



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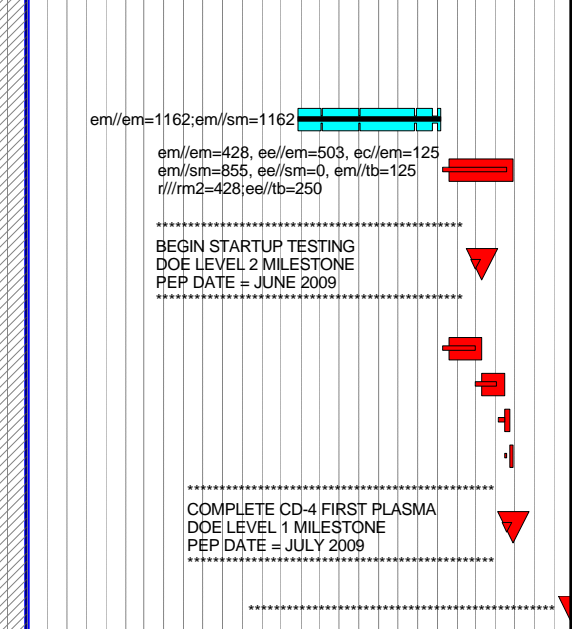
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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	BASELINE FINISH DATE	Shifts	Total Float in days (21 days= 1 mo.)	Percent Complete	Earned value cost (BCWP)	Budget (ECP-53)	Schedule																		
											FY07				FY08				FY09										
											F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A

85 - Integrated Systems Testing

Job: 8501 - Integrated Systems Testing-GENTILE

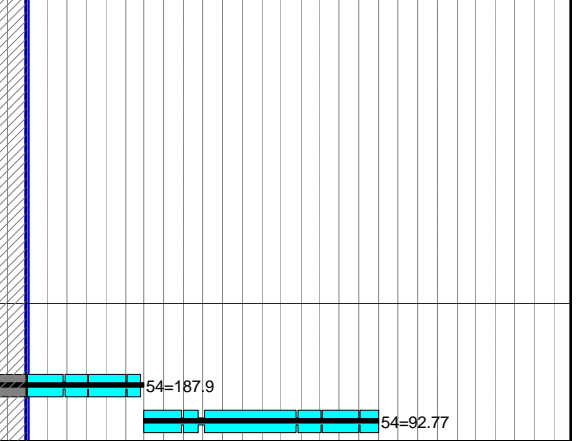
920.001	Procedure and Document Preparation	27MAY08*	150	06JAN09	06JAN09	XX	101		0.00	355,410.72
920.000	Startup Personnel	19JAN09	72	28APR09	17APR09	XX	66		0.00	421,878.48
920.004	Begin Start-up Testing	11MAR09	0				66		0.00	0.00
920.005	Punch list,Cmplt PTP's,Reconfig, Rm temp Hi-pot	19JAN09	37	10MAR09	27FEB09		66		0.00	0.00
920.010	Field Coil Testsing,FCPC test & E-Beam Mapping	11MAR09	25	14APR09	03APR09		66		0.00	0.00
920.020	Final ISTP	15APR09	7	23APR09	14APR09		66		0.00	0.00
920.021	Operations Approval	24APR09	3	28APR09	17APR09		66		0.00	0.00
730.9000	First Plasma		0	28APR09	17APR09		66		0.00	0.00
M-0120	CD-4 First Plasma		0	31JUL09*	31JUL09*		0		0.00	0.00



PPPL Allocations

Job: 8998 - Allocations-STRYKOWSKY

Prior Costs										
99.03	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A	30SEP03A			100	112,000.00	112,000.00
99.04	PPPL Allocations FY04	01OCT03A	256*	30SEP04A	30SEP04A			100	256,077.00	256,077.00
99.05	PPPL Allocations FY05	20OCT04A	251*	30SEP05A	30SEP05A			100	302,697.00	302,697.00
99.05P	PPPL Allocations FY05 rebaseline re-estimate	01OCT04A	251*	30SEP05A	30SEP05A			100	48,151.80	48,151.80
FY05CV-43	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			100	56,000.00	56,000.00
FY06CV8998	FY06 unrecoverable cost variance ecp52	01OCT05A	251	29SEP06A	29SEP06A			100	95,000.00	95,000.00
99.06	PPPL Allocations FY06	03OCT05A	249*	29SEP06A	29SEP06A			100	329,764.50	329,764.50
99.07	PPPL Allocations FY07	29SEP06A	247*	25SEP07	28SEP07		503	LOE	160,588.10	322,466.07
99.08	PPPL Allocations FY08	01OCT07*	249*	29SEP08	29SEP08		251		0.00	166,336.61



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█ Forecast
█ zECP53 baseline schedule
█ Progress Bar
█ Critical Activity

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