

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											
											OND J F M A M J J A S				OND J F M A M J J A S				OND 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	A	S	O	N	D	J	F	M	A	M	J	J	A	S

cc 9450 - NCSX Fabrication (MIE)

12 - Vacuum Vessel Systems

+ Job: 1201 - Vacuum Vessel Prelim Dsn-CLOSED****

		01APR03A	133	07OCT03A	07OCT03A			100	424,420.00	424,420.00
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+ Job: 1202 - Vacuum Vessel R&D **CLOSED**

		01APR03A	636	30SEP05A	30SEP05A			100	1,770,128.10	1,770,128.10
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+ Job: 1206 - VV Field Weld Joint R&D-CLOSED****

		29APR04A	359	30SEP05A	30SEP05A			100	15,639.37	15,639.37
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+ Job: 1203 - Vacuum Vessel Final DsnCLOSED****

		01OCT03A	756	29SEP06A	29SEP06A			100	1,217,839.08	1,217,839.08
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Job: 1204 - VV Sys Procurements (nonVVSA)-DUDEK

VV Vertical Supports

124-030.0	Release dwg package for fab VV Vertical Supports	30SEP05A	0						0.00	0.00
124-037A	Bid award Titanium Rod ends (PE6383)	01DEC05A	45	22DEC05A	22DEC05A			100	0.00	0.00
124-037B	Deliver Titanium Rod ends (PE6383)	22DEC05A	86*	28APR06A	28APR06A			100	0.00	0.00
124-037C	Deliver Misc hardware (PE 006209)	31MAR06A	60	31MAR06A	31MAR06A			100	0.00	0.00
124-037	PPPL Fab VV Vert. Supports (log # M1091)	01DEC05A	197*	14SEP07	14SEP07		132	50	31,720.24	62,196.54

VV Lateral Supports

124-030L	SPEA VV Lateral Supports WBS 124	02APR07*	43	31MAY07	31MAY07		146		0.00	0.00
124-036.9L	Award VV Lateral Supports WBS 124		0	31MAY07*	31MAY07*		146		0.00	0.00
124-037L	VV Lateral Supports Fab by PPPL WBS 124	01JUN07	60	24AUG07	24AUG07		146		0.00	31,332.00

VV Personnel Access Port

124-100	Issue req & dwg package NB port cover	01FEB07*	0				246		0.00	0.00
124-110	SPEA VV NB port cover	01AUG07	43	01OCT07	01OCT07		119		0.00	0.00
124-120	Award VV NB port cover		0	01OCT07*	01OCT07*		119		0.00	0.00
124-130	VV NB port cover Fabrication (for 3 inconel	02OCT07	65	11JAN08	11JAN08		119		0.00	83,836.35

+ VV Heating/Cooling Tubing

		31MAY06A	128	30NOV06A	27OCT06			100	124,260.00	124,260.00
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+ VV Heater Tape

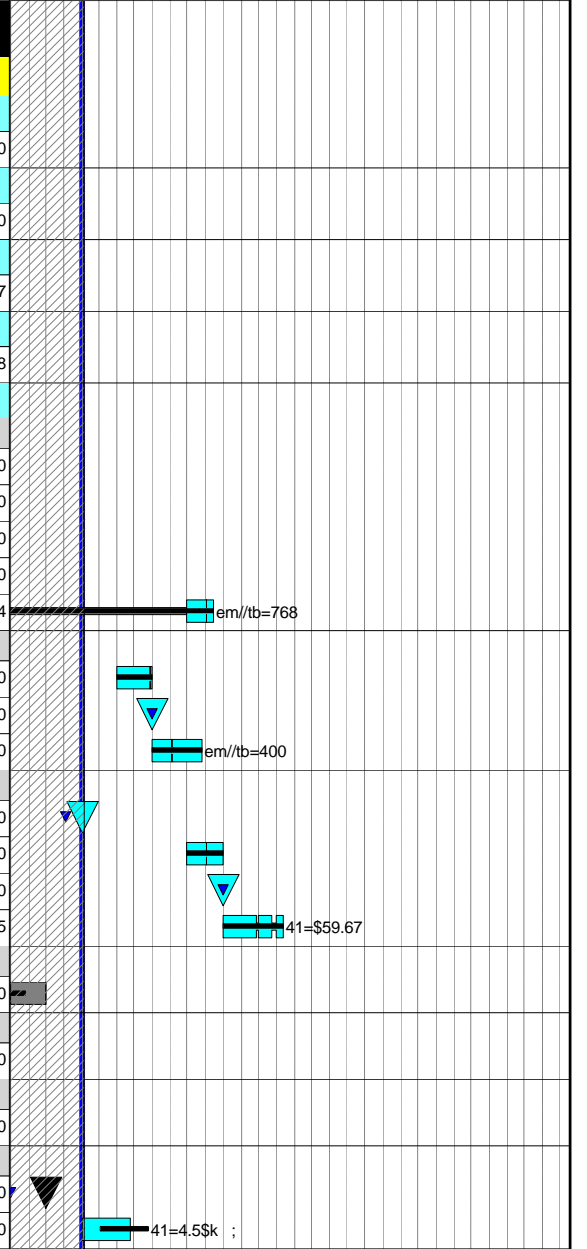
		31MAY06A	1	31MAY06A	31MAY06A			100	16,452.00	16,452.00
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+ VV H/C Manifolds & Headers

		03JAN06A	106	31MAY06A	31MAY06A			100	65,808.00	65,808.00
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VV Local I&C

125-036	Issue Procurement Package Local I&C WBS 125	01DEC06A	0						0.00	0.00
125-037	Issue req, Award & fab local I&C WBS 125	01FEB07*	60	25APR07	25MAY07		138		0.00	5,886.00







Run Date 13FEB07 13:29

	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)	FY07												FY08												FY09												
											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 F M A A												O N D J F M A M J J A S O N D J F M A A												O N D J F M A M J J A S O N D J F M A A												
Thermal Insulation																																															
123-035	Issue Proc Pkg for insulation boots WBS 122	01FEB07*	0				332		0.00	0.00																																					
123-040	Issue RFQ & Select Vendor insul boots WBS 122	01AUG07*	43	01OCT07	01OCT07		205		0.00	0.00																																					
123-045	Award Insulation Boots WBS 122		0	01OCT07	01OCT07		205		0.00	0.00																																					
123-050	Fabricate& Deliver Insul Boots WBS 122	02OCT07	130	11APR08	11APR08		205		0.00	77,275.00																																					
122-040	Prep spec and req Port Thermal Insulation	01FEB07*	0				227		0.00	0.00																																					
122-035	SPEA Port Thermal Insulation	01JUN07*	43	01AUG07	01AUG07		142		0.00	0.00																																					
122-041	Award Port Thermal Insulation		0	01AUG07	01AUG07		142		0.00	0.00																																					
122-051	Deliver Port Thermal Insulation	02AUG07	89	07DEC07	07DEC07		142		0.00	35,125.00																																					
122-030.0	Prep spec and req Pourable Insulation	01FEB07*	0				378		0.00	0.00																																					
122-030	SPEA Pourable Insulation	03DEC07*	43	08FEB08	08FEB08		166		0.00	0.00																																					
122-036.9	Award Pourable Insulation		0	08FEB08	08FEB08		166		0.00	0.00																																					
122-037	Deliver Pourable Insulation	11FEB08	89	13JUN08	13JUN08		166		0.00	63,225.00																																					
1204-901.5	ECP45 FY06 cv	01OCT05A	43	31MAR06A	31MAR06A			100	62,500.00	62,500.00																																					
122-031	Title III engr WBS 12 non vwsa PPPL	01FEB06A	669*	30SEP08	30SEP08		250	LOE	1,346.03	3,599.01																									Dudek=22hr ; Go												
122-032	Title III engr WBS 12 non vwsa ORNL FY06	01FEB06A	170*	29SEP06A	29SEP06A			100	10,459.40	10,459.40																									Goranson =32hr ; Mcginnis=30												
122-033	Title III engr WBS 12 non vwsa ORNL FY07	02OCT06A	249*	28SEP07	28SEP07		500	LOE	10,722.23	33,402.60																									Goranson =100hr ; Mcginnis=98												
+ Job: 1250 - Vacuum Vessel Fabrication**CLOSED**																																															
		21MAY04A	592	29SEP06A	29SEP06A			100	5,808,612.61	5,808,612.61																																					
13 - Conventional Coils																																															
+ Job: 1301 - TF Design-KALISH**CLOSED**																																															
		01APR03A	885	29SEP06A	29SEP06A			100	970,652.65	970,652.65																																					
+ Job: 1350 - TF Fab Prep-CHRZANOWSKI**CLOSED**																																															
		01OCT04A	373	31MAR06A	31MAR06A				547,058.15	547,058.15																																					
Job: 1351 - TF Coil Fabr Supplies-KALISH																																															
TF Materials & Supplies																																															
FY05CV-8	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A				14,000.00	14,000.00																																					
1301FD-72	TF Conductor Procurement Package approved	31MAY05A	5	31MAY05A	31MAY05A			100	0.00	0.00																																					
1301FD-74	Prepare & issue TF Conductor RFP	31MAY05A	23*	03JUN05A	03JUN05A			100	0.00	0.00																																					
1301FD-76	Evaluate bids and award TF conductor	06JUN05A	0*	30JUN05A	30JUN05A			100	0.00	0.00																																					
1301FD-77	Award TF conductor		0	30JUN05A	30JUN05A			100	0.00	0.00																																					
1301FD-78	TF Wedge Plate procurement package approved	29JUL05A	5	29JUL05A	29JUL05A			100	0.00	0.00																																					
1301FD-80	Prepare and Issue TF Wedge Plate RFP	12AUG05A	5	18AUG05A	18AUG05A			100	0.00	0.00																																					
1351-529	Coil Supplies- Deliver Copper Conductor(PE005935)	01JUL05A	123*	23DEC05A	23DEC05A			100	133,864.50	133,864.50																																					
1351-531	Coil Supplies- G-11 fillers (PE006162)	03JAN06A	29*	31JAN06A	31JAN06A			100	89,115.00	89,115.00																																					

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 Forecast
 zECP53 baseline schedule
 Progress Bar
 Critical Activity

0701

NCSX
Status through January 2007

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ECP-53

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																																																							
											O				N				D				J				F				M				A				M				J				J				A				S				O				N				D				J				F				M				A				A			
1351-195X	ALL TF COILS DELIVERED		0	31OCT07	02JAN08		236		0.00	0.00	<div style="text-align: right;"> <p>***** ▲ ALL TF COILS DELIVERED ▼ DOE LEVEL 2 MILESTONE PEP DATE = AUGUST 2008 *****</p> </div>																																																																															
TF Fabrication (Everson internal schedule)																																																																																										
ET-29	Wedge Milling Fixture Procurement	22NOV06A	57*	09FEB07	28NOV06		680	75	0.00	0.00	[Gantt bar]																																																																															
ET-33	Wedge Milling Inspection Fixture Procure	12JAN07A	21*	09FEB07	15NOV06		680	50	0.00	0.00	[Gantt bar]																																																																															
ET-39	Shipping Container Review	01FEB07	5	07FEB07	30OCT06		649		0.00	0.00	[Gantt bar]																																																																															
ET-40	Shipping Container Finalize	08FEB07	3	12FEB07	02NOV06		649		0.00	0.00	[Gantt bar]																																																																															
ET-41	Shipping Container Procurement	13FEB07	30	26MAR07	14DEC06		649		0.00	0.00	[Gantt bar]																																																																															
ET-46	MPO/Traveler Development	13NOV06A	76*	27FEB07	27OCT06		648	25	0.00	0.00	[Gantt bar]																																																																															
ET-47	MPO PPPL Review & Approval	15NOV06A	10	13MAR07	10NOV06		648		0.00	0.00	[Gantt bar]																																																																															
ET-53	Final Machining 1st set TESLA	01FEB07	17*	23FEB07	19DEC06		268		0.00	0.00	[Gantt bar]																																																																															
ET-54	Mechanical Inspection	26FEB07	2	27FEB07	21DEC06		268		0.00	0.00	[Gantt bar]																																																																															
ET-55	Measure Permeability, Pack & Ship	28FEB07	1	28FEB07	22DEC06		268		0.00	0.00	[Gantt bar]																																																																															
ET-57	Batch #1 Castings (4), rough machined OSTERBY	20NOV06A	72*	28FEB07	22DEC06		651		0.00	0.00	[Gantt bar]																																																																															
ET-58	Final Machining sets 2&3 TESLA	01MAR07*	5	07MAR07	15JAN07		651		0.00	0.00	[Gantt bar]																																																																															
ET-59	Mechanical Inspection	08MAR07	2	09MAR07	17JAN07		651		0.00	0.00	[Gantt bar]																																																																															
ET-60	Measure Permeability, Pack & Ship	12MAR07	2	13MAR07	19JAN07		651		0.00	0.00	[Gantt bar]																																																																															
ET-61	Receive Wedges for Coil #2 & Coil #3	14MAR07	7	22MAR07	26JAN07		651		0.00	0.00	[Gantt bar]																																																																															
ET-64	Coil #1 Ground Insulation	14MAR07	0*	13MAR07	01DEC06		648		0.00	0.00	[Gantt bar]																																																																															
ET-65	Coil #1 VPI	14MAR07	5	20MAR07	08DEC06		648		0.00	0.00	[Gantt bar]																																																																															
ET-66	Coil #1 Cold Test to VPI Coil Only	21MAR07	5	27MAR07	15DEC06		648		0.00	0.00	[Gantt bar]																																																																															
ET-67	Coil #1 Wedge-to-Coil VPI	12MAR07*	5	16MAR07	08JAN07		262		0.00	0.00	[Gantt bar]																																																																															
ET-68	Coil #1 Wedge Machining	19MAR07	5	23MAR07	15JAN07		262		0.00	0.00	[Gantt bar]																																																																															
ET-69	Coil #1 Final Inspection	26MAR07	7	03APR07	24JAN07		262		0.00	0.00	[Gantt bar]																																																																															
ET-70	Coil #1 LN2 Testing	04APR07	5	10APR07	31JAN07		262		0.00	0.00	[Gantt bar]																																																																															
ET-71	Coil #1 Shipping	11APR07	1	11APR07	05FEB07		262		0.00	0.00	[Gantt bar]																																																																															
ET-72	1st Article Coil Review	12APR07	0*	11APR07	28FEB07		262		0.00	0.00	[Gantt bar]																																																																															
ET-73	Coil #2 Winding	26FEB07*	9	08MAR07	12JAN07		258		0.00	0.00	[Gantt bar]																																																																															
ET-74	Coil #2 Ground Insulation	09MAR07	6	16MAR07	19JAN07		258		0.00	0.00	[Gantt bar]																																																																															
ET-75	Coil #2 VPI	19MAR07	5	23MAR07	26JAN07		258		0.00	0.00	[Gantt bar]																																																																															
ET-76	Coil #2 Wedge-to-Coil VPI	26MAR07	5	30MAR07	02FEB07		258		0.00	0.00	[Gantt bar]																																																																															
ET-77	Coil #2 Wedge Machining	02APR07	5	06APR07	09FEB07		258		0.00	0.00	[Gantt bar]																																																																															
ET-78	Coil #2 Final Inspection	09APR07	5	13APR07	16FEB07		258		0.00	0.00	[Gantt bar]																																																																															

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Forecast
 zECP53 baseline schedule
 Progress Bar
 Critical Activity

0701





NCSX
 Status through January 2007

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ECP-53

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																																																			
											O				N				D				J				F				M				A				M				J				J				A				S				O				N				D				J				F				M				A			
1302-275	Resolve Chits	23NOV07	10	10DEC07	10DEC07		106		0.00	14,202.75																																																																												
133-010	Design WBS 134 Conv Coil I&C	01FEB07*	105	28JUN07	28JUN07		275	10	1,439.91	14,399.10	Kalish = 25; rushinski = 25; analyst = 25																																																																											
FY05CV-6	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			100	-22,000.00	-22,000.00	Kalish = 80 ;																																																																											
Job: 1352 - PF Coil Procurement-KALISH																																																																																						
PF Coil Fabrication																																																																																						
141-035	Bid & Award PF Coils	11DEC07*	45	20FEB08	20FEB08		106		0.00	0.00	AWARD PRODUCTION CONTRA LEVEL 2 DOE MILESTONE PEP DATE = MARCH 2008																																																																											
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	41=162																																																																											
1352-120	Tooling for PF 6	21FEB08	25	26MAR08	26MAR08		106		0.00	56,200.00	41=40																																																																											
1352-115	Tooling for PF 5	27MAR08	25	30APR08	30APR08		106		0.00	56,200.00	41=40																																																																											
1352-110	Tooling for PF 4	01MAY08*	25	05JUN08	05JUN08		106		0.00	40,000.00	41=40																																																																											
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	41=30																																																																											
1352-165	Fabricate/Dlvr PF 6 upper	17APR08	15	07MAY08	07MAY08		198		0.00	30,000.00	41=30																																																																											
1352-145	Fabricate/Dlvr PF 5 lower	01MAY08	15	21MAY08	21MAY08		126		0.00	30,000.00	41=30																																																																											
1352-160	Fabricate/Dlvr PF 5 upper	22MAY08	15	12JUN08	12JUN08		173		0.00	30,000.00	41=30																																																																											
1352-140	Fabricate/Dlvr PF 4 lower	06JUN08	10	19JUN08	19JUN08		106		0.00	30,000.00	41=30																																																																											
1352-155	Fabricate/Dlvr PF 4 upper	20JUN08	10	03JUL08	03JUL08		158		0.00	30,000.00	41=30																																																																											
1352-135X	Refurbish NSTX PF1a	01OCT07*	5	05OCT07	05OCT07		333		0.00	1,312.80	em/tb=16																																																																											
722.010	PF Coil receipt inspect/test (formerly wbs 183)	17APR08	65	18JUL08	18JUL08		301		0.00	30,546.82	em/sm=94; em/tb=218																																																																											
141-031	Title III engr WBS 132	11DEC07	198	25SEP08	25SEP08		253		0.00	117,409.40	Kalish=551;ea/dm=69;																																																																											
Job: 1354 - Trim Coil Design & Procurement-KALISH																																																																																						
Trim Coils																																																																																						
1303-TRIM	Trim Coil Design	01OCT07*	65	10JAN08	10JAN08		160		0.00	45,070.06	kalish=90;rushinski=74;analyst=74																																																																											
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																																																																												
184-036	Award External Trim Coils		0	13MAR08	13MAR08		160		0.00	0.00																																																																												
184-037	External Trim Coil Procurement/Fab*ecp16	14MAR08	87	16JUL08	16JUL08		160		0.00	35,125.00	41=25																																																																											
184-015	Title III WBS 133 Rxt Trim Coils	11JAN08	147	06AUG08	06AUG08		288		0.00	28,292.77	Rushinski=26;Kalish=95;;35=\$3k																																																																											
Job: 1303 - Central Solenoid Sprt Dsn-DAHLGREN																																																																																						
1303-110	CS Support Design& analysis	03JAN06A	167*	25AUG06A	25AUG06A			100	106,872.84	106,872.84																																																																												

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 Forecast
 zECP53 baseline schedule
 Progress Bar
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0701 NCSX Status through January 2007

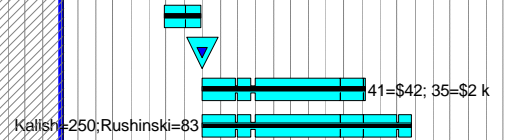
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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	BASELINE FINISH DATE	Shifts	Total Float in days (21 days= 1 mo.)	Percent Complete	Earned value cost (BCWP)	Budget (ECP-53)	FY07			FY08				FY09						
											O	N	D	J	F	M	A	M	J	J	A	S	O	N
1303-115	CS Support FDR		0	29AUG06A	29AUG06A			100	0.00	0.00														
13ECP44-03	ECP45 FY06 cv	03OCT05A	2	31MAR06A	31MAR06A			100	10,010.00	10,010.00														

Job: 1353 - CS Structure Procurement-DAHLGREN

CS Support Structure

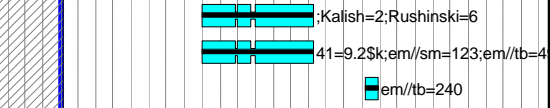
163-035	Bid & Award CS Support Struct	27JUL07	45	28SEP07	28SEP07		148		0.00	0.00														
163-036.9	Award CS Support Structure		0	01OCT07*	01OCT07*		147		0.00	0.00														
163-037	CS Support Structure Procurement/Fab	02OCT07*	190	08JUL08	08JUL08		147		0.00	62,596.00														
163-015	Title III design CS sprt struc	01OCT07*	248	26SEP08	26SEP08		252		0.00	63,060.21														



Job: 1355 - WBS 13 I&C Proc and Coil Assy-KALISH

TF/PF Local I&C

133-015	Title III WBS 134 Conv Coil I&C	01OCT07*	130	10APR08	10APR08		370		0.00	1,514.96														
133-037	Conv Coil I&C WBS 134 Proc & Install	01OCT07*	130	10APR08	10APR08		211		0.00	69,778.19														
1355-100	CS and PF 1a Pre-Assy incl coil I&C procurement	09JUL08	15	29JUL08	29JUL08		147		0.00	19,692.00														



14 - Modular Coils

+ Job: 1401 - Mod Coil Prel.DsnCLOSED****

		01APR03A	636	30SEP05A	30SEP05A				100	304,040.00	304,040.00													
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+ Job: 1402 - Mod.Coil AnalysesCLOSED****

		01APR03A	636	30SEP05A	30SEP05A				100	239,140.00	239,140.00													
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+ Job: 1404 - MCWF R&D 1st Prod CastingCLOSED****

		01APR03A	636	30SEP05A	30SEP05A				100	2,543,518.06	2,543,518.06													
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+ Job: 1413 - MCWF Fracture Analysis-CLOSED****

		01OCT04A	372	30MAR06A	30MAR06A				100	27,819.40	27,819.40													
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+ Job: 1405 - Mod Coil Winding R&D Prep-CLOSED****

		01APR03A	636	30SEP05A	30SEP05A				100	168,070.00	168,070.00													
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+ Job: 1407 - Mod Coil Winding Facility-CLOSED****

		01APR03A	757	30MAR06A	30MAR06A				100	2,570,861.37	2,570,861.37													
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+ Job: 1412 - Complete Winding Facilities-*CLOSED*

		01OCT04A	372	30MAR06A	30MAR06A				100	540,996.88	540,996.88													
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+ Job: 1406 - Mod. Coil Winding R&D-CLOSED****

		01APR03A	757	30MAR06A	30MAR06A				100	2,263,278.10	2,263,278.10													
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+ Job: 1410 - MC Twisted Racetrack Fabr-CLOSED****

		01OCT04A	372	30MAR06A	30MAR06A				100	1,049,971.32	1,049,971.32													
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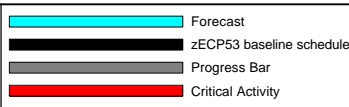
+ Job: 1409 - Coil Test Stand-GETTELFINGER*CLOSED*

		20OCT03A	700	31JUL06A	31JUL06A				100	826,314.17	826,314.17													
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+ Job: 1414 - Coil Testing-GettelfingerCLOSED****

		01OCT04A	457	31JUL06A	31JUL06A				100	674,932.52	674,932.52													
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Run Date 13FEB07 13:29



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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											
											ONDJFMAMJJAS				ONDJFMAMJJAS				ONDJFMAMJJAS																											
											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	F	M	A	M	J	J	A	S
+ Job: 1415 - Dim Cntrl Test-RAFTOPOLOUS*CLOSED**																																														
		01OCT04A	251	30SEP05A	30SEP05A			100	23,850.00	23,850.00																																				
+ Job: 1419 - Winding Fac. Mods-CHRZANOWSKI*CLSD*																																														
		01OCT04A	372	30MAR06A	30MAR06A			100	55,210.00	55,210.00																																				
+ Job: 1403 - Modular Coil Final Design-WILLIAMSON																																														
		01OCT03A	756	29SEP06A	29SEP06A			100	3,310,569.50	3,310,569.50																																				
Job: 1416 - Mod Coil Type AB Fnl Dsn-WILLIAMSON																																														
+ Winding and Assembly Design-Type A																																														
		01AUG05A	301	10OCT06A	29SEP06A				324,347.02	324,347.02																																				
+ Winding and Assembly Design-Type B																																														
		28NOV05A	211	29SEP06A	29SEP06A				223,542.47	223,542.47																																				
+ Prior Costs																																														
		02AUG04A	585	30NOV06A	06DEC06				-47,459.81	-47,459.81																																				
Clamp hardware modifications																																														
1416-204.1	Modify Type-B clamps for stud attachment	01FEB07	57*	20APR07	20APR07		127	0	2,024.40	15,906.80	EM/TB =160hr ; ORNLEM =20hr ;																																			
Blanket thermal insulation																																														
1416-301	Investigate blanket insulation requirements and	01NOV06A	15	21NOV06A	21NOV06			100	10,796.80	10,796.80	FOGARTY =32hr ; GORANSON =32hr ;																																			
1416-302	Prepare and test install insulation m-u on coil	01DEC06A	45*	09FEB07	09FEB07		100	50	1,110.30	2,220.60	41=5; em/tb=20																																			
1416-303	Parts info for drawing BOM	12FEB07*	5	16FEB07	16FEB07		100		0.00	1,687.00	WILLIAMSON =10																																			
1416-304	Revise assembly models/drawings	19FEB07	5	23FEB07	23FEB07		100		0.00	3,374.00	ornlem=20																																			
1416-305	Review and approve insulation concept	26FEB07	5	02MAR07	02MAR07		100		0.00	3,494.90	GORANSON =10;ea/em=10																																			
1416-3186	Test Nomex Batt material	02JAN07A	10	31JAN07A	19JAN07			100	5,639.76	5,639.76	CIEBERA =24hr ; DODSON =24hr ; LANGISH =24hr ;																																			
1416-3190	Write Report	02JAN07A	5	31JAN07A	26JAN07			100	626.64	626.64	DODSON =08hr ;																																			
1416-3192	Develop Adhesion Method	01FEB07	5	07FEB07	02FEB07		97		0.00	3,130.64	DUDEK =16hr ; KEARNS =08hr ;																																			
1416-3195	Test Adhesion Method on Coil	08FEB07	10	21FEB07	16FEB07		97		0.00	5,635.92	DUDEK =24hr ; KEARNS =24hr ;																																			
1416-3198	Report Results	22FEB07	10	07MAR07	02MAR07		97		0.00	1,252.00	DUDEK =08hr ;																																			
1416-3200	Procure Materials for Batt Insulation Installati	08MAR07	30	18APR07	13APR07		97		0.00	41,484.00	DUDEK =240hr ; M&S (\$) =03\$k ;																																			
1416-3203	Batts available for installation		0	18APR07	13APR07		97		0.00	0.00																																				
Fiber optic gage qualification																																														
1416-404	Review and approve fiber optic gage qualificatio	01DEC06A	48*	14FEB07	25JAN07		148	90	3,036.60	3,374.00	WILLIAMSON =20																																			
Top level assy models/drawings																																														
1416-201	Evaluate and select clamp hardware modifications	02OCT06A	10	31OCT06A	14NOV06			100	5,008.00	5,008.00	Dudek=32hr ;																																			
1416-202	Revise assembly models/drawings	02OCT06A	5	30NOV06A	30NOV06			100	5,008.00	5,008.00	dudek=32																																			
1416-203	Prepare part dwgs / procurement documentation	02OCT06A	5	21NOV06A	21NOV06			100	2,504.00	2,504.00	dudek=16																																			
1416-204	Review and approve clamp hardware modifications	01OCT06A	10	30NOV06A	14DEC06			100	5,008.00	5,008.00	dudek=32hr ;																																			
1416-405	Complete layout of T/Cs and strain gages	01NOV06A	5	31JAN07A	30JAN07			100	7,254.10	7,254.10	LOVETT =10hr ; WILLIAMSON =33hr ;																																			

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 Forecast
 zECP53 baseline schedule
 Progress Bar
 Critical Activity

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Status through January 2007

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ECP-53

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												
											OND J F M A M J J A S				OND J F M A M J J A S				OND 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	A	S	O	N	D	J	F	M	A	M	J	J	A	S	
Epoxy																																															
1408-111	Epoxy - Requisition	01JAN05A	5	31JAN05A	31JAN05A			100	0.00	0.00																																					
1408-114	Epoxy -Evaluate Bids & Award	01MAY05A	10	31MAY05A	31MAY05A			100	0.00	0.00																																					
1408-117	Epoxy -1st Delivery for Production	31JAN06A	20	31JAN06A	31JAN06A			100	20,565.00	20,565.00																																					
1408-119	Epoxy -2nd Delivery for Production	01MAY06A	107*	29SEP06A	29SEP06A			100	20,565.00	20,565.00	M&S= \$ 15 k																																				
1408-121	Epoxy -3rd Delivery for Production	02OCT06A	20	22DEC06A	12FEB07			100	19,620.00	19,620.00	M&S= \$ 15 k																																				
1408-123	Epoxy -4th Delivery for Production	02JAN07A	83*	26APR07	15MAR07		100	33	6,474.60	19,620.00	M&S= \$ 15 k																																				
1408-125	Epoxy -5th Delivery for Production	22MAY07	20	19JUN07	23MAY07		100		0.00	19,620.00	M&S= \$ 15 k																																				
1408-127	Epoxy -6th Delivery for Production	20JUN07	20	18JUL07	21JUN07		100		0.00	19,620.00	M&S= \$ 15 k																																				
+ Clamps																																															
		01DEC05A	123	31MAY06A	31MAY06A			100	370,170.00	370,170.00																																					
Other																																															
1408-950	Buy new clamp hardware (bushings)	01DEC06A	22	31JAN07A	30JAN07			100	22,236.00	22,236.00	41=\$16k																																				
174-035	Procure Modular Coil local Strain Gages	01MAR07*	5	07MAR07	07MAR07		138		0.00	26,160.00	41=\$20k																																				
174-036	Procure Modular Coil I&C Data Acq Controller	01MAR07*	5	07MAR07	07MAR07		138		0.00	52,320.00	41=\$40k																																				
174-037	Procure Modular Coil Thermocouples	01MAR07*	5	07MAR07	07MAR07		138		0.00	26,160.00	41=\$20k																																				
174-037.1	Procure FBG gages for one coil, no controller	01MAR07*	5	07MAR07	07MAR07		138		0.00	27,725.00	41=20Sk ; EM/EM =10hr ;																																				
1408-038	PPPL Fab I&C Termination Boxes (36)	01NOV06A	20	28FEB07	28FEB07		147	50	1,566.60	3,133.20	em/tb=40																																				
1408-174	Misc consumables (ETC update @\$12k/mo.)	22DEC06A	129*	29JUN07	29JUN07		563	LOE	16,763.33	94,176.00	41=60Sk ;																																				
174-037.2	Tech shop hardware mods,fixes,machining etc	22DEC06A	129*	29JUN07	29JUN07		563	LOE	32,623.10	183,275.88	em/tb=2136 (356/mo.) pery=102 (17/mo.)																																				
Job: 1411 - MCWF Fabr. S005242-HEITZENROEDER																																															
Contract Oversight and Title III																																															
172-031	Title III engr	24MAY04A	340*	30SEP05A	30SEP05A			100	76,273.90	76,273.90																																					
172-031.1	Title III engr	01OCT05A	350*	01MAR07	01MAR07		648	LOE	129,039.41	137,275.97	Heitzenroeder =640hr; travel=\$14k																																				
172-031.1X	Title III engr ORNL FY07	01OCT06A	165*	31MAY07	31MAY07		584	LOE	32,727.80	67,480.00	Williamson = 400hr ;																																				
172-031.2	Title III engr ORNL	01OCT05A	249*	29SEP06A	29SEP06A			100	21,294.60	21,294.60	Williamson = 78 hr ; travel=\$8k																																				
FY05CV-23	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			100	275,000.00	275,000.00																																					
MCWF-001	EIO Project Mgt. & Reporting	29OCT04A	495*	29SEP06A	29SEP06A			100	910,000.00	910,000.00	48=910 ;																																				
MCWF-001A	EIO Project Mgt. & Reporting AMEND #11	01OCT06A	65*	22DEC06A	29DEC06			100	129,250.00	129,250.00	48=129,246 ;																																				
MCWF-001B	EIO Project Mgt. & Reporting AMEND #12	01JAN07A	76*	17APR07	17APR07		633		42,194.00	146,000.00	48=146 ;																																				
MCWF-011	Pattern A complete	29OCT04A	126*	01APR05A	01APR05A			100	290,125.00	290,125.00																																					
MCWF-021	Pattern B complete	01DEC04A	220*	30SEP05A	30SEP05A			100	255,120.00	255,120.00																																					
MCWF-031	Major Tool Tooling Complete	29OCT04A	82*	28FEB05A	28FEB05A			100	628,622.00	628,622.00																																					
MCWF-041	Materials (MetalTek)	29NOV04A	282*	31AUG05A	31AUG05A			100	744,750.00	744,750.00																																					

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Forecast
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 Progress Bar
 Critical Activity

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ECP-53

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																																											
											O				N				D				J				F				M				J				J				A				S				O				N				D				J				F				M				A			
MCWF-481	B3-MTM - machining/inspection	18MAY06A	147*	26DEC06A	15DEC06			100	167,910.00	167,910.00	[Gantt bar for MCWF-481]																																																																			
MCWF-491	B3-Receive at PPPL		0	26DEC06A	18DEC06			100	12,000.00	12,000.00	[Gantt bar for MCWF-491]																																																																			
MCWF-501	B4-MTK-casting	28MAR06A	39*	25MAY06A	25MAY06A			100	142,920.00	142,920.00	[Gantt bar for MCWF-501]																																																																			
MCWF-511	B4-MTM - machining/inspection	26MAY06A	168*	19JAN07A	31JAN07			100	167,910.00	167,910.00	[Gantt bar for MCWF-511]																																																																			
MCWF-521	B4-Receive at PPPL		0	19JAN07A	01FEB07			100	71,000.00	71,000.00	[Gantt bar for MCWF-521]																																																																			
MCWF-531	B5-MTK-casting	13APR06A	56*	30JUN06A	30JUN06A			100	142,920.00	142,920.00	[Gantt bar for MCWF-531]																																																																			
MCWF-541	B5-MTM - machining/inspection	31JUL06A	140*	12FEB07	01MAR07		155	85	142,723.50	167,910.00	[Gantt bar for MCWF-541]																																																																			
MCWF-551	B5-Receive at PPPL		0	13FEB07	02MAR07		155		0.00	11,000.00	[Gantt bar for MCWF-551]																																																																			
MCWF-561	B6-MTK-casting	28APR06A	45*	30JUN06A	30JUN06A			100	142,920.00	142,920.00	[Gantt bar for MCWF-561]																																																																			
MCWF-571	B6-MTM - machining/inspection	31JUL06A	211*	04JUN07	02APR07		103	2	3,358.20	167,910.00	[Gantt bar for MCWF-571]																																																																			
MCWF-581	B6-Receive at PPPL		0	05JUN07	03APR07		103		0.00	7,000.00	[Gantt bar for MCWF-581]																																																																			
MCWF-411	A5-MTK-casting	13JAN06A	45*	29MAR06A	29MAR06A			100	142,920.00	142,920.00	[Gantt bar for MCWF-411]																																																																			
MCWF-421	A5-MTM - machining/inspection	01MAY06A	209*	02MAR07	26APR07		187	67	112,499.70	167,910.00	[Gantt bar for MCWF-421]																																																																			
MCWF-431	A5-Receive at PPPL		0	05MAR07	27APR07		187		0.00	6,000.00	[Gantt bar for MCWF-431]																																																																			
MCWF-441	A6-MTK-casting	31JAN06A	64*	20APR06A	20APR06A			100	142,710.00	142,710.00	[Gantt bar for MCWF-441]																																																																			
MCWF-451	A6-MTM - machining/inspection	01MAY06A	225*	26MAR07	04JUN07		198	45	69,750.00	155,000.00	[Gantt bar for MCWF-451]																																																																			
MCWF-461	A6-Receive at PPPL		0	27MAR07	05JUN07		198		0.00	4,000.00	[Gantt bar for MCWF-461]																																																																			
MCWF-291	C6-MTK-casting	16JUN05A	155*	03FEB06A	03FEB06A			100	142,920.00	142,920.00	[Gantt bar for MCWF-291]																																																																			
MCWF-301	C6-MTM - machining/inspection	03APR06A	274*	04MAY07	05JUL07		188	22	36,940.20	167,910.00	[Gantt bar for MCWF-301]																																																																			
MCWF-311	C6-Receive at PPPL		0	07MAY07	06JUL07		188		0.00	5,000.00	[Gantt bar for MCWF-311]																																																																			
C-501B1	Last MCWF Delivered		0	05JUN07	06JUL07		581		0.00	0.00	[Gantt bar for C-501B1]																																																																			
Job: 1460 - 3rd Winding Fixture-CHRZANOWSKI											[Gantt bar for Job 1460]																																																																			
WINDFIX	3rd winding fixture	01OCT06A	48*	22DEC06A	22DEC06	1		100	60,428.28	60,428.28	[Gantt bar for WINDFIX]																																																																			
Job: 1451 - Mod Coil Winding-CHRZANOWSKI											[Gantt bar for Job 1451]																																																																			
Prior Costs											[Gantt bar for Prior Costs]																																																																			
FY05CV-25	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			100	81,000.00	81,000.00	[Gantt bar for FY05CV-25]																																																																			
Station 1 Prep casting & Install Cladding											[Gantt bar for Station 1]																																																																			
C1RW	C1 rework	03OCT05A	5	07OCT05A	07OCT05A	1		100	46,385.82	46,385.82	[Gantt bar for C1RW]																																																																			
C2RW	type C h/w rework	03APR06A	149*	29SEP06A	29SEP06A	1		100	53,790.00	53,790.00	[Gantt bar for C2RW]																																																																			
1451TRAIN	Training for winding teams	25JUL05A	3	29JUL05A	29JUL05A			100	0.00	0.00	[Gantt bar for 1451TRAIN]																																																																			
P1-001	Rec C1, Prep& Instl Cladding>>@125% 1 shift	10OCT05A	23	24OCT05A	24OCT05A	1		100	54,768.00	54,768.00	[Gantt bar for P1-001]																																																																			
P1-091	Receive C2, Prep& Instl Cladding	19DEC05A	26*	26JAN06A	26JAN06A	1		100	44,336.00	44,336.00	[Gantt bar for P1-091]																																																																			

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

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 Forecast
 zECP53 baseline schedule
 Progress Bar
 Critical Activity

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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																																											
											O				N				D				J				F				M				J				J				A				S				O				N				D				J				F				M				A			
P1-161	Wind coil A6	29AUG07	31	11OCT07	10OCT07	2	101		0.00	96,562.56																																																																				
P1-170	Instl Chill Plates,Tubing,Bag A6	12OCT07	15	01NOV07	31OCT07	2	101		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																																																																				
P1-110	Instl Chill Plates,Tubing,Bag C2	01APR06A	42*	09MAY06A	09MAY06A	2		100	48,655.50	48,655.50																																																																				
P3-101	Wind coil C4	11MAY06A	38*	06JUL06A	06JUL06A	2		100	99,593.00	99,593.00																																																																				
P3-110	Instl Chill Plates,Tubing, Bag C4	06JUL06A	25*	10AUG06A	10AUG06A	2		100	48,655.50	48,655.50																																																																				
P2-011	Wind coil A1	11AUG06A	34*	26SEP06A	26SEP06A	2		100	103,097.50	103,097.50	EM/TB = 1,265 hrs																																																																			
P2-020	Instl Chill Plates,Tubing, Bag A1	26SEP06A	15	19OCT06A	20OCT06	2		100	47,183.56	47,183.56	EM/TB = 597 hrs																																																																			
P3-041	Wind coil A3	20OCT06A	31	20NOV06A	12DEC06	2		100	99,087.45	99,087.45	EM/TB = 1,265 hrs																																																																			
P3-050	Instl Chl Plates,Tubing, Bag A3	21NOV06A	15	12DEC06A	10JAN07	2		100	46,763.01	46,763.01	EM/TB = 597 hrs																																																																			
P1-071	Wind coil B2	03JAN07A	26*	07FEB07	22FEB07	2	109	95	94,133.08	99,087.45	EM/TB = 1,265 hrs																																																																			
P1-080	Instl Chl Plates,Tubing,Bag B2	08FEB07	15	28FEB07	15MAR07	2	109		0.00	46,763.01	EM/TB = 597 hrs																																																																			
P2-071	Wind coil B3	01MAR07	31	12APR07	27APR07	2	109		0.00	99,087.45	EM/TB = 1265 hrs																																																																			
P2-080	Instl Chill Plates,Tubing,Bag B3	13APR07	15	03MAY07	18MAY07	2	109		0.00	46,763.01	EM/TB = 597 hrs																																																																			
P3-071	Wind coil B5	04MAY07	31	18JUN07	03JUL07	2	109		0.00	99,087.45	EM/TB = 1265 hrs																																																																			
P3-080	Instl Chill Plates,Tubing,Bag B5	19JUN07	15	10JUL07	25JUL07	2	109		0.00	46,763.01	EM/TB = 597 hrs																																																																			
P2-131	Wind coil A5	11JUL07	31	22AUG07	07SEP07	2	109		0.00	99,087.45	EM/TB = 1265 hrs																																																																			
P2-140	Instl Chl Plates,Tubing, Bag A5	23AUG07	15	13SEP07	28SEP07	2	109		0.00	46,763.01	EM/TB = 597 hrs																																																																			
P2-041	Wind coil C6	14SEP07	31	26OCT07	12NOV07	2	109		0.00	98,167.68	EM/TB = 1216hrs																																																																			
P2-050	Instl Chl Plates,Tubing, Bag C6	29OCT07	15	16NOV07	05DEC07	2	109		0.00	35,117.40	EM/TB = 428 hrs																																																																			
Station 5-VPI																																																																														
P1-021V	VPI (Station 5) C1	06MAR06A	6*	13MAR06A	13MAR06A	2		100	26,732.00	26,732.00																																																																				
P1-111V	VPI (Station 5) C2	22MAY06A	4*	31MAY06A	31MAY06A	2		100	24,042.50	24,042.50																																																																				
P1-111VCU	Cleanup and Ready Autoclave	03JUN06A	8	30JUN06A	30JUN06A	1		100	13,040.00	13,040.00																																																																				
P2-111V	VPI (Station 5) C3	24JUL06A	8	31JUL06A	31JUL06A	2		100	24,042.50	24,042.50																																																																				
P2-111VCU	Cleanup and Ready Autoclave	01AUG06A	4*	09AUG06A	09AUG06A	1		100	13,040.00	13,040.00																																																																				
P3-111V	VPI (Station 5) C4	10AUG06A	12*	31AUG06A	31AUG06A	2		100	24,042.50	24,042.50																																																																				
P3-111VCU	Cleanup and Ready Autoclave	11SEP06A	8	22SEP06A	22SEP06A	1		100	13,040.00	13,040.00																																																																				
P1-141V	VPI (Station 5) C5	27SEP06A	7	09OCT06A	10OCT06	2		100	23,419.07	23,419.07	EM/TB = 295 hrs																																																																			
P1-141VCU	Cleanup and Ready Autoclave	10OCT06A	8	19OCT06A	20OCT06	1		100	12,532.80	12,532.80	em/tb= 60																																																																			
P2-021V	VPI (Station 5) A1	20OCT06A	7	30OCT06A	31OCT06	2		100	23,107.35	23,107.35	EM/TB = 295 hrs																																																																			
P2-021VCU	Cleanup and Ready Autoclave	01NOV06A	8	30NOV06A	10NOV06	1		100	12,532.80	12,532.80	em/tb=160																																																																			
P3-021V	VPI (Station 5) A2	06DEC06A	7	14DEC06A	11DEC06	2		100	23,107.35	23,107.35	EM/TB = 295 hrs																																																																			
P3-021VCU	Cleanup and Ready Autoclave	15DEC06A	8	22DEC06A	21DEC06	1		100	12,532.80	12,532.80	em/tb=160																																																																			
P3-051V	VPI (Station 5) A3	08JAN07A	7	16JAN07A	19JAN07	2		100	23,107.35	23,107.35	EM/TB = 295 hrs																																																																			

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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										
											O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
P2-141C	Final Clamps & Warm Test (Station1) B2	08MAY07	8	17MAY07	05APR07	1	113		0.00	12,532.80	EM/TB = 160 hrs																				
P2-081C	Final Clamps & Warm Test (Station1) B3	02JUL07	8	12JUL07	11JUN07	1	155		0.00	12,532.80	EM/TB = 160 hrs																				
P3-081C	Final Clamps & Warm Test (Station1) B4	30JUL07	8	08AUG07	13JUL07	1	131		0.00	12,532.80	EM/TB = 160 hrs																				
P3-171C	Final Clamps & Warm Test (Station1) B5	24AUG07	8	05SEP07	15AUG07	1	166		0.00	12,532.80	EM/TB = 160 hrs																				
P2-171C	Final Clamps & Warm Test (Station1) B6	21SEP07	9	03OCT07	19SEP07	1	146		0.00	9,548.40	EM/TB = 120 hrs																				
P1-081C	Final Clamps & Warm Test (Station1) A5	18OCT07	8	29OCT07	19OCT07	1	123		0.00	9,846.00	EM/TB = 120 hrs																				
P1-171C	Final Clamps & Warm Test (Station1) A6	14NOV07	8	23NOV07	21NOV07	1	104		0.00	9,846.00	EM/TB = 120 hrs																				
P2-051C	Final Clamps & Warm Test (Station1) C6	13DEC07	8	02JAN08	04JAN08	1	100		0.00	9,846.00	EM/TB = 120 hrs																				
LOE Oversight & Supervision																															
1451EC5301	Historical experience OT.	01JAN07A	20	31JAN07A	29JAN07			LOE	44,616.00	44,616.00	31=26 ;																				
1451EC5302	Historical experience OT.	01FEB07*	20	28FEB07	28FEB07		649	LOE	0.00	58,344.00	31=34 ;																				
1451EC5303	Historical experience OT.	01MAR07*	20	28MAR07	28MAR07		629	LOE	0.00	87,516.00	31=51 ;																				
1451EC5304	Historical experience OT.	02APR07*	20	27APR07	27APR07		607	LOE	0.00	58,344.00	31=34 ;																				
1451EC5305	Historical experience OT.	01MAY07*	20	29MAY07	29MAY07		586	LOE	0.00	58,344.00	31=34 ;																				
1451EC5306	Historical experience OT.	01JUN07*	20	28JUN07	28JUN07		564	LOE	0.00	58,344.00	31=34 ;																				
1451EC5350	Oversight and supervision increment	01JAN07A	129*	02JUL07	29JUN07		562	LOE	2,782.36	16,271.10	CHRZANOWSKI =32hr ; RAFTOPOLOUS =58hr ;																				
1452EC5313	Historical experience labor	01MAR07*	20	28MAR07	28MAR07		629	LOE	0.00	46,998.00	EM/TB =600hr ;																				
171-000	Winding Preparations (LOE) FY05	01AUG05A	49*	30SEP05A	30SEP05A			100	53,382.29	53,382.29																					
171-040	Winding Oversight (LOE)	10OCT05A	535*	27NOV07	27NOV07		458	LOE	420,535.76	693,953.39	EA/EM Chrzanowski @ 70%=2470 EA/EM Raftopolous @ 40%=1420																				
171-041	Tech Supervision	10OCT05A	535*	27NOV07	27NOV07		458	LOE	192,925.46	318,358.85	EM/SM (Meighan) @ 70%=2470																				
SSD-ST2	Second shift cost differential	25OCT05A	524*	27NOV07	27NOV07		458	LOE	33,559.73	77,500.00	81=32Sk ; 81=46Sk ;																				
SSD-ST3	Second shift cost differential	27JAN06A	463*	26NOV07	26NOV07		459	LOE	32,069.27	77,500.00	81=32Sk ; 81=46Sk ;																				
SSD-ST4	Planned overtime (due to 10hr 1st shift)	03APR06A	417*	26NOV07	26NOV07		459	LOE	59,842.38	120,649.95	31=70 ;																				
SSD-ST4.1	Unplanned overtime and rework	03APR06A	417*	26NOV07	26NOV07		459	LOE	59,842.38	120,649.95	31=70 ;																				
TITLE3W	Titel III Design ORNL- Component Fab & WINDING	10OCT05A	244*	29SEP06A	29SEP06A			100	82,214.50	82,214.50	williams=255 ornl travel=\$12k																				
TITLE3F	Titel III Design ORNL- Component Fab & WINDING	01OCT06A	290*	26NOV07	26NOV07		459	LOE	36,777.14	133,250.52	FOGARTY=583; Williamson=116 ornl travel=\$14.5k																				
FY07 Rebaseline Exercise																															
ECP53RBX06	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07	31MAY07		584		0.00	2,169.48	EA/EM =12hr ;																				
Job: 1459 - Mod Coil Fabr.Punch List-CHRZANOWSKI																															
Co-wound loop termination box installation																															
1459-013	Install Co-wound loop term boxes- A1	07JUN07	1	07JUN07	25MAY07		78		0.00	1,253.28	em/tb=16																				
1459-019	Install Co-wound loop term boxes- B1	07JUN07	1	07JUN07	25MAY07		78		0.00	1,253.28	em/tb=16																				
1459-003	Install Co-wound loop term boxes- C1	07JUN07	1	07JUN07	25MAY07		78		0.00	1,253.28	em/tb=16																				
1459-015	Install Co-wound loop term boxes- A2	09MAY07	1	09MAY07	04MAY07		83		0.00	1,253.28	em/tb=16																				

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											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 F M A A												O N D J F M A M J J A S O N D J F M A A												O N D J F M A M J J A S O N D J F M A A												
1459-104	Replace Poloidal break h/w on C3	02OCT06A	20	31OCT06A	27OCT06			100	1,253.28	1,253.28	EM/TB = 16																																				
1459-106	Replace Poloidal break h/w on C4	02OCT06A	20	31OCT06A	27OCT06			100	1,253.28	1,253.28	EM/TB = 16																																				
1459-108	Replace Poloidal break h/w on C5	02OCT06A	20	31OCT06A	27OCT06			100	1,253.28	1,253.28	EM/TB = 16																																				
Casting plugs																																															
1459-150	Repair/install casting plugs C1 (by tech shop)	29JAN07A	10*	09FEB07	05MAR07		161	50	1,253.28	2,506.56	EM/TB = 32																																				
Rogowski Coil Installation																																															
1459-700	Install Rogowski coil C2	29MAR07	1	29MAR07	19FEB07		112		0.00	1,253.28	EM/TB = 16																																				
1459-702	Install Rogowski coil C3	29MAR07	1	29MAR07	19FEB07		181		0.00	1,253.28	EM/TB = 16																																				
Excess material removal/Grinding work																																															
1459-200	Grinding C1 (by tech shop)	02MAR07*	1	02MAR07	02MAR07		130		0.00	1,253.28	EM/TB = 16																																				
1459-202	Grinding C2 (by tech shop)	05MAR07	1	05MAR07	05MAR07		130		0.00	1,253.28	EM/TB = 16																																				
1459-204	Grinding C3 (by tech shop)	06MAR07	1	06MAR07	06MAR07		198		0.00	1,253.28	EM/TB = 16																																				
Bat Insulation installation																																															
1459-400	Install bat insulation C1	19APR07	1	19APR07	16APR07		127		0.00	1,253.28	EM/TB = 16																																				
1459-402	Install bat insulation C2	09MAY07	1	09MAY07	04MAY07		83		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	31AUG07	1	31AUG07	24AUG07		123		0.00	1,253.28	EM/TB = 16																																				
1459-410	Install bat insulation A1	08JUN07	1	08JUN07	29MAY07		78		0.00	1,253.28	EM/TB = 16																																				
1459-412	Install bat insulation A2	09MAY07	1	09MAY07	04MAY07		83		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	08JUN07	1	08JUN07	29MAY07		78		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	09MAY07	1	09MAY07	04MAY07		83		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	31AUG07	1	31AUG07	24AUG07		123		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	31AUG07	1	31AUG07	24AUG07		123		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	01FEB07	2	02FEB07	01FEB07		145		0.00	1,566.60	EM/TB = 32																																				
1459-602	Clamp mods C2	09FEB07	2	12FEB07	09FEB07		145		0.00	1,566.60	EM/TB = 32																																				
1459-604	Clamp mods C3	15FEB07	2	16FEB07	15FEB07		210		0.00	1,566.60	EM/TB = 32																																				
1459-606	Clamp mods C4	19FEB07	2	20FEB07	19FEB07		210		0.00	1,566.60	EM/TB = 32																																				

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											O			N			D			J			F			M			A			M			J			J			A			S			O			N			D			J			F			M			A			M			J			J			A			S		
											EM/TB = 32												EM/TB = 32												EM/TB = 32																																															
1459-608	Clamp mods C5	21FEB07	2	22FEB07	21FEB07		257		0.00	1,566.60																																																																								
1459-610	Clamp mods A1	05FEB07	2	06FEB07	05FEB07		145		0.00	1,566.60																																																																								
1459-612	Clamp mods A2	07FEB07	2	08FEB07	07FEB07		145		0.00	1,566.60																																																																								
1459-614	Clamp mods A3	13FEB07	2	14FEB07	13FEB07		210		0.00	1,566.60																																																																								
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																																																																								
Additional bolt/stud holes																																																																																		
1459-HOLES	Addl holes in winding forms 3md+\$300/holex78	06MAR07*	146	28SEP07	28SEP07		500		0.00	177,240.96													EM/TB = 1872 41=\$23.4k																																																											
Measure as-built coils																																																																																		
1459-MEAS1	Measure 2 flanges on one coil	06MAR07*	5	12MAR07	12MAR07		641		0.00	1,253.28																																																																								
1459-MEAS	Measure as-built coils using romer arm (2mdx18)	06MAR07*	227	01FEB08	01FEB08		419		0.00	22,941.33													EM/TB = 288																																																											
SSD-ST5	Misc tech shop support (ecp52)	01MAY06A	397*	26NOV07	26NOV07		459	LOE	82,448.95	175,050.84													em/tb=2200																																																											
SSD-ST6	Misc tech shop support (ecp53)	01JAN07A	22	31JAN07A	31JAN07			LOE	5,483.10	5,483.10													EM/TB =70hr ;																																																											
SSD-ST7	Misc tech shop support (ecp53)	02FEB07*	19	28FEB07	28FEB07		649	LOE	0.00	5,483.10													EM/TB =70hr ;																																																											
SSD-ST8	Misc tech shop support (ecp53)	02MAR07*	21	30MAR07	30MAR07		627	LOE	0.00	8,224.65													EM/TB =105hr ;																																																											
SSD-ST9	Misc tech shop support (ecp53)	02APR07*	19	26APR07	26APR07		608	LOE	0.00	5,483.10													EM/TB =70hr ;																																																											
SSD-ST10	Misc tech shop support (ecp53)	01MAY07*	19	25MAY07	25MAY07		587	LOE	0.00	5,483.10													EM/TB =70hr ;																																																											
SSD-ST11	Misc tech shop support (ecp53)	01JUN07*	19	27JUN07	27JUN07		565	LOE	0.00	5,483.10													EM/TB =70hr ;																																																											
Job: 1421 - Mod Coil Interface Design-WILLIAMSON																																																																																		
+ Coil-to-coil Interface Design																																																																																		
		01OCT04A	457	31JUL06A	31JUL06A	0701		100	43,025.89	43,025.89																																																																								
+ 3 Point positioning hardware																																																																																		
		01SEP06A	62	30NOV06A	30NOV06A	0701		100	3,374.00	3,374.00																																																																								
Shear plate and shims																																																																																		
IH4-005	Complete testing	01SEP06A	46*	30NOV06A	06NOV06			100	13,496.00	13,496.00													Freudenberg=80																																																											
IH4-010	Finalize design, select material	02OCT06A	10	30NOV06A	15NOV06			100	20,244.00	20,244.00													FREUDENBERG =40hr ; WILLIAMSON =80hr ;																																																											
IH4-015	Review for approval to proceed	26FEB07*	20*	23MAR07	23MAR07		632		0.00	3,374.00													ORNLEM =20hr ;																																																											
IH4-020	Prepare dwgs and release	12FEB07	30	23MAR07	23MAR07		632		0.00	47,236.00													LOVETT =240hr ; ORNLEM =40hr ;																																																											
IH4-025	Issue dwgs for Fabrication		0	23MAR07	23MAR07		632		0.00	0.00																																																																								
Top Assy drawings																																																																																		
IH5-020	Finish 3-coil top assembly	01DEC06A	58*	28FEB07	28FEB07		168	70	18,894.40	26,992.00													LOVETT =120hr ; MCGINNIS =40hr ;																																																											
IH5-021	Finish 6-coil top assembly	01DEC06A	101*	30APR07	30APR07		160	20	4,048.80	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	28*	28FEB07	28FEB07		168	10	0.00	0.00													ORNLEM =00hr ;																																																											

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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												
											O N D J F M A M J J A S O N D				O N D J F M A M J J A S O N D				O N D J F M A M J J A S O N D																												
											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	F	M	A	M	J	J	A	S	O
Other insulation over wings																																															
IH6-005	Finalize requirements	11SEP06A	34	22DEC06A	13NOV06			100	2,699.20	2,699.20	WILLIAMSON =16																																				
IH6-006	perform application tests of epoxy, glass	01FEB07*	2*	02FEB07	02FEB07		667		0.00	2,699.20	WILLIAMSON =16hr ;																																				
IH6-010	finalize design	01NOV06A	65*	09FEB07	09FEB07		626	20	1,214.64	6,073.20	WILLIAMSON =36hr ;																																				
IH6-015	Review for approval to proceed	12FEB07	10	23FEB07	23FEB07		626		0.00	0.00	LOVETT =120hr ;																																				
IH6-020	Prepare dwgs and release	26FEB07	5*	02MAR07	02MAR07		626		0.00	20,244.00	LOVETT =00hr ;																																				
IH6-021	Procure materials for 1st FPA	05MAR07	21	02APR07	02APR07		626		0.00	0.00																																					
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 bladder	01FEB07*	5	07FEB07	26JAN07		125		0.00	7,231.60	FAN =40hr ;																																				
1421-3006	Perform Tests to develop epoxy filling techniq	29JAN07A	13*	14FEB07	02FEB07		125	80	7,016.32	8,770.40	DUDEK =16hr ; KEARNS =40hr ; SMITH =40hr ;																																				
1421-3019	Determ if "one size fits all"& bladder dwgs	22JAN07A	18*	14FEB07	02FEB07		146	10	1,349.60	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																																				
1421-3012	Fill & Test Teflon bladder to determine properti	29JAN07A	14*	15FEB07	15MAR07		125	70	7,015.68	10,022.40	DUDEK =24hr ; KEARNS =40hr ; SMITH =40hr ;																																				
1421-3016	Procure/fab prototype bladder for C-C installati	16FEB07	15	08MAR07	05APR07		125		0.00	8,334.00	DUDEK =24hr ; M&S (\$) =3.55k ;																																				
1421-3021	Conduct FDR of bladder design	16MAR07	1	16MAR07	13APR07		125		0.00	1,349.60	WILLIAMSON =08hr ;																																				
1421-3023	Resolve FDR issues, release proc dwgs for fab	19MAR07	5	23MAR07	20APR07		131		0.00	6,748.00	WILLIAMSON =40hr ;																																				
1421-3025	Procure bladders for first FPA (2 ea)	26MAR07	20	20APR07	18MAY07		131		0.00	10,296.00	DUDEK =24hr ; M&S (\$) =055k ;																																				
1421-3028	Bladders available for FPA		0	20APR07	18MAY07		131		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																																															
1421-3094	Schemes for tight fit bushing Prepare sketches.	01JAN07A	5	08JAN07A	26JAN07			100	6,748.00	6,748.00	WILLIAMSON =40hr ;																																				
1421-3096	Procure bushing materials for tests. Fabricate	09JAN07A	15	15JAN07A	16FEB07			100	28,851.60	28,851.60	DUDEK =24hr ; M&S (\$) =125k ; 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 (\$) =55k ;																																				
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	08MAR07	5	14MAR07	09MAR07		128		0.00	0.00	VIOLA																																				
1421-3106	Proc bushing matls for assy operations. Fab bush	15MAR07	30	25APR07	20APR07		128		0.00	49,536.00	DUDEK =24hr ; M&S (\$) =355k ;																																				
1421-3109	Bushings available for FPA operations		0	25APR07	20APR07		128		0.00	0.00																																					
Tension Tests of Bolted Joint																																															
IH3-005	review and finalize structural requirements	01SEP06A	97*	30NOV06A	26JAN07			100	10,122.00	10,122.00	ORNLEM =60hr ;																																				
IH3-005A	Develop bushing install schemes, sketch	08JAN07A	2*	31JAN07A	02FEB07			100	6,748.00	6,748.00	ORNLEM =40hr ;																																				
IH3-006	Check access for installation	01DEC06A	38	12DEC06A	12DEC06A	0701		100	6,748.00	6,748.00																																					
IH3-006A	Layout hyd tensioner, UT insp scheme	08JAN07A	28*	14FEB07	02FEB07		128	50	6,504.00	13,008.00	EM/EM =40hr ; ORNLEM =40hr ;																																				

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											FY07					FY08					FY09														
											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
1421-3138	Resolve issues, release assembly spec&drawings	26APR07	5	02MAY07	24APR07		123		0.00	6,748.00	WILLIAMSON =40hr ;																								
FY07 Rebaseline Exercise																																			
ECP53RBX05	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07	31MAY07		584		0.00	5,398.40	ORNLEM =32hr ;																								
1803-2-105	Stage 2 dwg-se140-xinterface between MC &insul	02OCT06A	20	30NOV06A	29JAN07			100	16,870.00	16,870.00	goranson=20; lovet=80																								
Job: 1429 - MC Interface R&D-GETTELFINGER																																			
Coefficient of Friction (COF) Tests																																			
1429-3000	Diamond COF testing	01DEC06A	64	22DEC06A	22DEC06A	0701		100	40,910.00	40,910.00																									
1429-3006	Order mtl&Perform screening tests. Pick shim	01JAN07A	19	31JAN07A	26JAN07			100	42,895.92	42,895.92	41=05\$K ; EM/SB =61 ; EM/TB =76hr ; GETTELFINGER =152hr ;																								
1429-3011	Prepare standard shims for additional testing.	02JAN07A	5	31JAN07A	02FEB07			100	8,935.64	8,935.64	EM/SB =16 ; EM/TB =20hr ; GETTELFINGER =36hr ;																								
1429-3016	COF tests (LN2, COF, etc)	01FEB07	5	07FEB07	09FEB07		78		0.00	15,475.64	41=05\$K ; EM/SB =16 ; EM/TB =20hr ; GETTELFINGER =36hr ;																								
1429-3021	Prep test specimen	08FEB07	20	07MAR07	23FEB07		78		0.00	2,504.00	GETTELFINGER =16hr ;																								
1429-3026	COF cyclic testing	08MAR07	10	21MAR07	09MAR07		78		0.00	32,203.28	41=10\$K ; EM/SB =32 ; EM/TB =40hr ; GETTELFINGER =80hr ;																								
1429-3031	Implications of press.-dependent COF for shim ds	22MAR07	5	28MAR07	16MAR07		78		0.00	0.00																									
1429-3036	Document and conduct peer review of test results	22MAR07	5	28MAR07	16MAR07		78		0.00	6,260.00	GETTELFINGER =40hr ;																								
1429-3039	Shims defined		0	28MAR07	16MAR07		78		0.00	0.00																									
1429-3050	Define geometry of standard shim	01FEB07*	1	01FEB07	01FEB07		117		0.00	0.00																									
1429-3055	Finalize procurementg dwgs. Conduct FDR	29MAR07	5	04APR07	23MAR07		78		0.00	0.00																									
1429-3060	Procure Shims for 1st 3 coils	05APR07	65	06JUL07	25JUN07		78		0.00	53,628.00	41=41\$K ;																								
1429-3061	Procure Shims for balance of coils	01JUN07*	140	19DEC07	19DEC07		88		0.00	274,747.20	41=204																								
1429-3065	Shims Available for 1st 3 pack FPA#1		0	06JUL07	25JUN07		78		0.00	0.00																									
1429-3066	Shims Req'd for 2nd 3 pack FPA#1		0	06JUL07	02JUL07		83		0.00	0.00																									
1429-3067	Shims Req'd for 1st 3 pack FPA#2		0	13SEP07	13SEP07		104		0.00	0.00																									
1429-3068	Shims Req'd for 2nd 3 pack FPA#2		0	28SEP07	28SEP07		95		0.00	0.00																									
1429-3069	Shims Req'd for 1st 3 pack FPA#3		0	29OCT07	22OCT07		123		0.00	0.00																									
1429-3070	Shims Req'd for 2nd 3 pack FPA#3		0	19DEC07	19DEC07		88		0.00	0.00																									
15 - Coil Structures																																			
Job: 1501 - Coil Structures Design-DAHLGREN																																			
+ Prior Costs																																			
		07OCT03A	810	22DEC06A	31JUL06A			100	97,851.66	99,026.35																									
ECP53																																			
1501-501	Complete concept development	22JAN07A	10	14FEB07	02FEB07		117	75	11,932.14	15,909.52	DAHLGREN =16hr ; RUSHINSKI =72hr ;																								
1501-505	Update reqmnts.Incl base suprt struct. Issue SRD	22JAN07A	18*	14FEB07	02FEB07		117	80	6,631.42	8,289.28	DAHLGREN =32hr ; GETTELFINGER =16hr ; RUSHINSKI =00hr ;																								
1501-509	Peer review of struct concept,rqmnts,interfaces	15FEB07	5	21FEB07	09FEB07		117		0.00	12,293.72	DAHLGREN =32hr ; RUSHINSKI =36hr ;																								

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											FY07					FY08					FY09										
											O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
132-015	Title III design WBS 162 Coil leads	27JUN08*	60	22SEP08	22SEP08		256		0.00	17,923.64	ORNL E M =98; em//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;ornlrn=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;ornlrn=80;r///rm2=80																				
FY07 Rebaseline Exercise																															
ECP53RBX08	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07	31MAY07		584		0.00	20,244.00	ORNL E M =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 ICDs	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	Gettlefinger =60hr ;																				
161-036.8	Prep Spec, Solicit bids, and Select Vendor	06SEP07	55	21NOV07	21NOV07		121		0.00	0.00																					
161-036.9	Award Mach Base&Coil struct as one Procurement		0	21NOV07	21NOV07		121		0.00	0.00																					
161-037	Machine Base&supports Procurement [A/1]	22NOV07*	90	08APR08	08APR08		121		0.00	220,316.00	48=216.73\$k ; 35=02\$k ;																				
JM-07	ALL CRITICAL STELLARATOR CORE CONTRACTS PLACED		0	20FEB08	20FEB08		406		0.00	0.00	<ul style="list-style-type: none"> ▽ VVSA (WBS 12) MCWF (WBS 14) TF (WBS 13) PF Coils (WBS 13) Coil Support structure (WBS 15) Central solenoid support structure Machine Base support structure (V) Field Period Assembly Fixtures Modular Coil Winding Hardware Modular Coil Interface Hardware 																				
Job: 1701 - Cryostat Design-GETTLEFINGER																															
+ Prior Costs																															
		01APR03A	842	31JUL06A	31JUL06A			100	371,030.61	371,030.61																					

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											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 F M A M J J A S O																												
											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	F	M	A	M					
Cryostat																																															
151-011	Final Design Cryostat WBS 171	16JAN08*	60	08APR08	08APR08		106		0.00	120,624.40																																					
171-199	Cryostat FDR		0	08APR08	08APR08		106		0.00	0.00																																					
ECP53RBX09	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07	31MAY07		584		0.00	8,764.00																																					
Job: 1751 - Cryostat Procurement-GETTLINGER																																															
171 - Cryostat																																															
151-031	Title III engr	09APR08	202	02FEB09	02FEB09		170		0.00	53,695.71																																					
151-036.8	Prep Spec, Solicit bids, and Select Vendor	09APR08	43	09JUN08	09JUN08		106		0.00	0.00																																					
151-036.9	Award Cryostat Procurement		0	09JUN08*	09JUN08*		106		0.00	0.00																																					
151-037	Cryostat Procurement & PPPL fab [A/1]	10JUN08	95	22OCT08	22OCT08		106		0.00	311,669.68																																					
18 - Field Period Assembly																																															
+ Job: 1804 - Metrology Hardware-RAFTOPOULOS																																															
		19JAN04A	1,183	03OCT08	03OCT08		247		564,052.82	564,052.82																																					
+ Job: 1801 - Field Period Assy-CHRZANOWSKI (ORNL)																																															
		01APR03A	757	30MAR06A	30MAR06A		100		64,690.00	64,690.00																																					
Job: 1803 - FP Assy Tooling/Constrblty-BROWN																																															
+ 1.00-VV Prep Station																																															
		01FEB05A	479	22DEC06A	27OCT06		100		109,150.07	109,150.07																																					
Station 2-Modular Coil Sub- Assembly																																															
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	ANALYST =80hr ;																																				
1803-2.057	Resolve use of JPP holding fixture	27SEP06A	6	27SEP06A	27SEP06A		100		8,354.88	8,354.88	brown=48																																				
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	rushinski=80																																				
1803-2.08A	Assy sequence plan drafted	22FEB07	7	02MAR07	31JAN07		126		0.00	4,338.96	brown=24																																				
1803-2.08C	Dimensional control plan drafted	01FEB07*	22*	02MAR07	31JAN07		126		0.00	0.00	ellis																																				
Station 3-Modular Coil to VVSA Assembly																																															
1803-3.15A	Requirements finalized	01OCT06A	100*	28FEB07	07FEB07		649	80	2,314.11	2,892.64	brown=16																																				
1803-3.15	Models&dwgs for- MC load support	01OCT06A	10	31JAN07A	14FEB07		100		8,677.92	8,677.92	morris=48																																				
1803-3.17	Models&dwgs for- Laser screen guide mods	01OCT06A	10	31JAN07A	14FEB07		100		8,677.92	8,677.92	morris=48																																				
1803-3.18	Models&dwgs for-VV support stand	01OCT06A	10	30NOV06A	14FEB07		100		8,677.92	8,677.92	morris=48																																				
1803-3.19	Models&dwgs for-Mechanical screw drive	01OCT06A	10	31JAN07A	14FEB07		100		8,677.92	8,677.92	morris=48																																				

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											O				N				D				J				F				M				A				M				J				J				A				S				O				N				D				J				F				M				A			
1803-5.04	Fab - Test Articles	01JUL05A	65*	30SEP05A	30SEP05A			100	19,215.00	19,215.00																																																																												
1803-5.02	TFTR Test Cell FPA arrgmt dwg	01FEB07*	40	28MAR07	28NOV06		123		0.00	0.00																																																																												
+ 7.00-Oversight																																																																																						
		01NOV04A	559		30NOV06				449,270.67	449,270.67																																																																												
+ Prior Costs																																																																																						
		01OCT04A	372	30MAR06A	30MAR06A			100	13,884.42	13,884.42																																																																												
Job: 1806 - FP Assembly specs and drawings-COLE																																																																																						
1.00-VV Prep Station																																																																																						
121-034.2	VVSA Title III engr as-built vwsa models/dwgs	01OCT06A	122	24JUL07	30MAR07		547	LOE	0.00	32,390.40	goranson=192																																																																											
1803-1-100	Prep Stage 1 Spec	01SEP06A	20	29SEP06A	29SEP06A			100	3,374.00	3,374.00	goranson=20																																																																											
1803-1-105	Stage 1 dwg -SE121-004	02OCT06A	10	31OCT06A	13OCT06			100	2,699.20	2,699.20	cole=16																																																																											
1803-1-110	Stage 1 dwg -SE121-008	02OCT06A	5	31OCT06A	20OCT06			100	2,699.20	2,699.20	cole=16																																																																											
1803-1-115	Stage 1 dwg -SE121-049 (BOM)	02OCT06A	5	31OCT06A	27OCT06			100	2,699.20	2,699.20	cole=16																																																																											
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	42*	28FEB07	29JAN07		128	10	1,349.60	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	01MAR07*	28	09APR07	09APR07		156		0.00	8,097.60	mcginnis=48hr ;																																																																											
1203-804	Issue VV assy specification	01MAR07*	13	19MAR07	19MAR07		171		0.00	6,748.00	goranson =40hr ;																																																																											
1803-3-100	Prep stage 3 Spec	01MAR07*	20	28MAR07	28MAR07		164		0.00	6,748.00	cole=40																																																																											
1803-3-105	Stage 3 dwg-se140-xxx - Interface between VV and	01MAR07*	20	28MAR07	28MAR07		164		0.00	16,870.00	goranson=20; lovet=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	05FEB07*	44	05APR07	05APR07		178		0.00	20,244.00	mcginnis=120																																																																											
1803-5-110	Prep stage 5 dwg-SE180-XXX TF FIELD PERIOD ASSY	08MAR07*	44	08MAY07	08MAY07		155		0.00	35,190.80	mcginnis=80;rushinski=120																																																																											
FY07 Rebaseline Exercise																																																																																						
ECP53RBX12	FY07 Rebaseline exercise	01FEB07*	85*	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	20MAR07	5	26MAR07	23MAR07		101		0.00	0.00																																																																												
1803-3.08B	Recieve & Evaluate Bids	27MAR07	20	23APR07	20APR07		101		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												
											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 F M A												O N D J F M A M J J A S O N D J F M A												O N D J F M A M J J A S O N D J F M A												
1803-3.15D	Award Fabrication Contract		0	23APR07	20APR07		101		0.00	0.00																																					
1803-3.15C	Tooling fabricated (1 fixture)	24APR07	60	18JUL07	17JUL07		101		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																																				
Tooling Design & Fabrication																																															
713A.040	General procurements	01OCT06A	498	30JAN09	29SEP08		171	LOE	0.00	10,259.97	41=\$7.5																																				
713A.050	Welding tools, materials & eqiupt	02OCT06A	498	30JAN09	29SEP08		171	LOE	0.00	10,259.97	41=\$7.5																																				
Job: 1802 - FP Assy Oversight&Support-VIOLA																																															
Station 2-Modular Coil Sub- Assembly																																															
1803-2.11B	Procedures approved	05MAR07*	20	30MAR07	28FEB07		126		0.00	0.00																																					
1803-2.11D	Training needs identified & released	02APR07*	5	06APR07	07MAR07		126		0.00	0.00																																					
1803-2.11A	Install Holding fixture	29MAR07*	5	04APR07	14MAR07		123		0.00	6,266.40	em//tb=80																																				
1803-2.11C	JHA completed	05APR07*	5	11APR07	21MAR07		123		0.00	0.00																																					
1803-2.11E	ACC review completed	12APR07*	5	18APR07	28MAR07		614		0.00	0.00																																					
1803-2.11F	Pre-jpb brief completed	12APR07*	5	18APR07	04APR07		123		0.00	0.00																																					
1802-3170	Document assembly sequence	02MAY07	5	08MAY07	01MAY07		93		0.00	7,231.60	ELLIS =40hr ;																																				
1802-3172	Finalize dimensional control plan	09MAY07	5	15MAY07	08MAY07		93		0.00	7,231.60	BROWN =40hr ;																																				
1802-3174	Finalize assembly procedure	16MAY07	5	22MAY07	15MAY07		93		0.00	3,133.20	em//tb =40hr ;																																				
1802-3176	Establish back office support requirements&data	23MAY07	5	30MAY07	22MAY07		103		0.00	0.00	VIOLA																																				
1802-3178	Train technicians in operation of metrology equ	23MAY07	15	13JUN07	06JUN07		93		0.00	18,799.20	em//tb=240 hr ;																																				
1802-3180	RLM authorization for assembly operations	14JUN07	1	14JUN07	07JUN07		93		0.00	0.00																																					
1802-3182	Start Station 2 assembly operations		0	06JUL07	25JUN07		78		0.00	0.00																																					
Station 3-Modular Coil to VVSA Assembly																																															
1802-31703	Document assembly sequence	27MAR07	5	02APR07			621		0.00	0.00																																					
1802-31723	Finalize dimensional control plan	03APR07	5	09APR07			621		0.00	0.00																																					
1803-3.11B	Procedures approved	10APR07	20	07MAY07	07MAY07		156		0.00	0.00																																					
1803-3.11D	Training needs identified & released	08MAY07	5	14MAY07	14MAY07		156		0.00	0.00																																					
1803-3.15G	Fixtures installed	19JUL07	5	25JUL07	24JUL07		101		0.00	6,266.40	em//tb=80																																				
1803-3.11C	JHA completed	26JUL07	5	01AUG07	31JUL07		101		0.00	0.00																																					
1803-3.11E	ACC review completed	02AUG07	5	08AUG07	07AUG07		101		0.00	0.00																																					
1803-3.11F	Pre-job brief completed	02AUG07	5	08AUG07	07AUG07		101		0.00	0.00																																					
1803-3.11G	Station 3 operational		0	08AUG07	07AUG07		101		0.00	0.00																																					

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											FY07					FY08					FY09														
											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
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																									
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	sh/tb=1300 (.75 fte)																								
181.220	HP Coverage in the TFTR TC LOE FY07	01OCT06A	250*	01OCT07	01OCT07		499	LOE	47,430.60	148,220.64	sh/tb=1300 (.75 fte)																								
181.221	HP Coverage in the TFTR TC LOE FY08	01OCT07*	127*	07APR08	07APR08		373		0.00	74,611.31	sh/tb=841 (.75 fte)																								
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	Viola=734																								
181.121	PPPL EM LOE FY07	01OCT06A	249*	28SEP07	28SEP07		500	LOE	73,696.95	229,585.50	Viola=1467 (85%)																								
181.120A	Metrology Engineering Supervision FY06	01MAY06A	107*	29SEP06A				100	37,596.96	37,596.96	Raftopolous=216 25% for balance of FY06																								
181.122	PPPL EM LOE FY08	01OCT07*	186*	30JUN08	30JUN08		314		0.00	180,301.00	Viola=1100(85%)																								
181.120B	Metrology Engineering Supervision FY07	01OCT06A	249*	28SEP07	28SEP07		500	LOE	50,082.99	156,021.77	Raftopolous=86 50% for FY07																								
181.125	Title III field period assembly FY07 ORNL support	01OCT06A	249*	28SEP07	28SEP07		500	LOE	60,813.48	189,450.10	cole=963; mcginnis=160																								
FY05CV-28	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			100	57,000.00	57,000.00																									
FY07 Rebaseline Exercise																																			
ECP53RBX10	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07	31MAY07		584		0.00	5,008.00	EM/EM =32hr ;																								
FY06CV-135	ECP45 FY06 cv	01OCT05A	251*	30MAR06A	30MAR06A			100	-14,280.00	-14,280.00																									
FY06CV-300	ECP52 FY06 cv	01APR06A	251*	29SEP06A	29SEP06A			100	12,000.00	12,000.00																									
Job: 1810 - Field Period Assembly-VIOLA																																			
General F.P. Assy support																																			
740.020	Facility Prep	01MAR06A	150*	29SEP06A	29SEP06A			100	50,131.50	50,131.50	em/tb=531 41=5																								
FY06CV-150	ECP45 FY06 cv	01OCT05A	251*	30MAR06A	30MAR06A			100	400.00	400.00																									
S0P0-100	LOE Crane support, fixture setup for TFTR TC.	01MAY06A	107*	29SEP06A	29SEP06A			100	35,208.00	35,208.00	CRANE OPERATOR COVERAGE @ 50% =432hrs																								

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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														
											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
SOP0-200	LOE Crane support, fixture setupfor TFTR TC.	01OCT06A	249*	28SEP07	28SEP07		500	LOE	21,079.16	65,667.17	CRANE OPERATOR COVERAGE @ 50% =838																								
SOP0-250	LOE Crane support, fixture setupfor TFTR TC.	02OCT07*	248*	29SEP08	29SEP08		251	LOE	0.00	68,785.80	CRANE OPERATOR COVERAGE @ 50% =838																								
SOP0-300	LOE Metrology support	01OCT06A	249*	28SEP07	28SEP07		500	LOE	29,292.68	91,254.45	Ducco =1165hrs post ecp53 adjustment																								
Station 1-VV Prep (hard surface components) FP#1																																			
S1P1-101	Receive VV and inspect	09MAY06A	2	11MAY06A	11MAY06A			100	2,079.41	2,079.41																									
S1P1-101.1	metrology setup,training and calibration	15MAY06A	34*	13JUN06A	13JUN06A			100	8,649.29	8,649.29																									
S1P1-101A	Prep for mounting on fixture,Instl flanges	14JUN06A	5	29JUN06A	29JUN06A			100	5,910.28	5,910.28																									
S1P1-102	Mount VV on VV Prep fixture (top side up)	30JUN06A	2	30JUN06A	30JUN06A			100	2,087.01	2,087.01																									
S1P1-103	Establish metrology setting; align VV base	30JUN06A	21*	31JUL06A	31JUL06A			100	8,160.29	8,160.29																									
S1P1-103.1	Layout diagnostic&coolant paths on vs1 w/templt		0*	29SEP06A	29SEP06A			100	43,441.65	43,441.65	edwards=232;em//tb=144																								
S1P1-104	Install heater tape on vertical ports	01NOV06A	5	22DEC06A	06OCT06			100	8,839.61	8,839.61	edwards=53;em//tb=19																								
S1P1-105	Verify installation of heater tapes	01DEC06A	3	22DEC06A	11OCT06			100	2,494.80	2,494.80	edwards=18																								
S1P1-105.1	Check port weld fit-up	08JAN07A	7	16JAN07A	20OCT06			100	8,772.96	8,772.96	trigger=56; welder=56																								
S1P1-107	Install random magnetic diagnostic sensors	01DEC06A	32	28FEB07A	07DEC06			100	55,534.08	55,534.08	edwards=224;em//tb=224																								
S1P1-106	Attach studs for coolant lines	01NOV06A	12	22DEC06A	09JAN07			100	18,222.12	18,222.12	em//tb=110;ee//sm=110																								
S1P1-107.2	Install precision magnetic diagnostic sensors	02JAN07A	30	31JAN07A	20FEB07			100	52,063.20	52,063.20	edwards=210;em//tb=210																								
S1P1-107.3	Measure as-built diag loops	01FEB07	5	07FEB07			164		0.00	0.00																									
S1P1-107.1	Loop termination & verification	01FEB07	5	07FEB07	14DEC06			121		7,242.20	em//tb=20;em//sm=20																								
S1P1-108	Install cooling/htg lines to vac vs1	08FEB07	24	13MAR07	26MAR07			164		41,650.56	em//tb=245;ee//sm=245																								
S1P1-109	Verify Instl of H/C lines,headers,manifolds	03APR07*	5	09APR07	09APR07			150		9,978.78	em//tb=46;ee//sm=46																								
S1P1-110	Install local I&C (incl thermocouples)	26APR07	7	04MAY07	06JUN07			138		14,100.45	ee//sm=65;em//tb=65																								
S1P1-111	Verify installation of local I&C	07MAY07	3	09MAY07	11JUN07			138		6,074.04	ee//sm=28;em//tb=28																								
S1P1-112	Final Scan	10MAY07	5	16MAY07	18JUN07			138		7,191.23	ee//sm=33;em//tb=33																								
S1P1-116	Prepare and transfer completed VV to holding are	17MAY07	3	21MAY07	21JUN07			138		9,111.06	em//tb=42;ee//sm=42																								
Station 1- VV Prep (hrd surf cmpntsFP#2)																																			
S1P2-101	Receive VV and inspect	31JUL06A	3	31JUL06A	31JUL06A			100	1,665.28	1,665.28																									
S1P2-101A	Prep for mounting on fixture,Instl flanges	02OCT06A	5	31OCT06A	14DEC06			100	3,603.18	3,603.18	em//tb=46																								
S1P2-102	Mount VV on VV Prep fixture (top side up)	13OCT06A	2	18OCT06A	18DEC06			100	1,416.03	1,416.03	em//tb=11;ee//sm=4																								
S1P2-103	Establish metrology setting; align VV base	19OCT06A	3	25OCT06A	21DEC06			100	4,778.13	4,778.13	em//tb=61;																								
S1P3-103.2	Perform full machine best fit	26OCT06A	2	31OCT06A	02JAN07			100	2,217.60	2,217.60	blown (under 8203) edwards=16																								
S1P2-105.1	Check port weld fit-up	01NOV06A	7	30NOV06A	09JAN07			100	8,772.96	8,772.96	trigger=56; welder=56																								
S1P2-103.1	Layout diag & coolant paths &instl templates	01DEC06A	26	27FEB07	14FEB07			121	30	8,543.12	28,477.05	em//tb=245;ee//sm=67																							
S1P2-104	Install heater tape on vertical ports	28FEB07	4	05MAR07	20FEB07			121		5,260.29	ee//sm=8;em//tb=53																								
S1P2-105	Verify installation of heater tapes	06MAR07	1	06MAR07	21FEB07			121		1,416.03	ee//sm=4;em//tb=11																								
S1P2-107	Wind magnetic diagnostic sensors	08MAR07	20	04APR07	22MAR07			121		21,932.40	em//tb=420;																								

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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											
											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	F	M	A	A				
S3P1-101.1	Attach local protective strips to VV&locate sens	15AUG07	3	17AUG07	14SEP07		101		0.00	2,506.56	EM/TB =32hr ;																																			
S2P1-201	Assemble/Disassemble abc1-abc2 (stage 3 fixture)	27AUG07	18	20SEP07	12SEP07		78		0.00	28,198.80	EM/TB = 360 hr ;																																			
S3P1-102	Mount MC on crane; perform metr checks	21SEP07	3	25SEP07	19SEP07		78		0.00	3,759.84	EM/TB =48hr																																			
S3P1-103	Rotate right MC to stand-off position&chk	26SEP07	4	01OCT07	25SEP07		78		0.00	5,706.72	EM/TB =72hr ;																																			
S3P1-104	Transfer load to sprt sys and recheck position	02OCT07	3	04OCT07	28SEP07		78		0.00	3,938.40	EM/TB =48hr ;																																			
S3P1-105	Move MC turning fixt; mount MC on crane	05OCT07	1	05OCT07	01OCT07		78		0.00	1,969.20	EM/TB =24hr ;																																			
S3P1-106	Rotate left MC to stand-off position and check p	08OCT07	2	09OCT07	03OCT07		78		0.00	3,938.40	EM/TB =48																																			
S3P1-107	Move left & right MC to final position & measure	10OCT07	2	11OCT07	05OCT07		78		0.00	3,938.40	EM/TB =48hr ;																																			
S3P1-109	Bolt together at flange interface.	12OCT07	10	25OCT07	19OCT07		78		0.00	9,846.00	EM/TB =120hr ;																																			
S3P1-108	Pot 3 packs together	26OCT07	15	15NOV07	09NOV07		78		0.00	19,692.00	EM/TB =240hr ;																																			
S3P1-110	Perform final metrology position check	16NOV07	5	22NOV07	16NOV07		78		0.00	5,907.60	EM/TB =72hr ;																																			
S3P1-110.1	Remove temp interference strips&sensors	23NOV07	5	03DEC07	23NOV07		78		0.00	3,938.40	em/tb=48																																			
S3P1-111	Secure VV to MC's using temporary supports.	04DEC07	5	10DEC07	04DEC07		78		0.00	5,907.60	EM/TB =72hr ;																																			
S4P1-114	Prepare Field Period for shipment	11DEC07	2	12DEC07	06DEC07		78		0.00	3,938.40	EM/TB =48hr ;																																			
S4P1-115	Transfer completed assy to C-site test cell	13DEC07	2	14DEC07	10DEC07		78		0.00	6,564.00	EM/TB =80hr ;																																			
Station 3-Assemble Mod Coils and VVSA-FP#2																																														
S3P2-101	Mount VV to MC turning fixt base; metr check	17DEC07	4	20DEC07	14DEC07		78		0.00	3,938.40	EM/TB =48hr ;																																			
S3P2-101.1	Attach local protective strips to VV&locate sens	21DEC07	3	03JAN08	19DEC07		78		0.00	2,625.60	EM/TB =32hr ;																																			
S2P2-201	Assemble/Disassemble abc -abc4 (stage 3 fixture)	05NOV07	18	28NOV07	28NOV07		95		0.00	29,538.00	EM/TB =360hr ;																																			
S3P2-102	Mount MC on crane; perform metr checks	04JAN08	3	08JAN08	02JAN08		78		0.00	3,938.40	EM/TB =48hr ;																																			
S3P2-103	Rotate right MC to stand-off position&chk	09JAN08	3	11JAN08	07JAN08		78		0.00	5,907.60	EM/TB =72hr ;																																			
S3P2-104	Transfer load to supt sys and recheck position	14JAN08	2	15JAN08	09JAN08		78		0.00	3,938.40	EM/TB =48hr ;																																			
S3P2-105	Move MC turning fixt; mount MC on crane	16JAN08	1	16JAN08	10JAN08		78		0.00	1,969.20	EM/TB =24hr ;																																			
S3P2-106	Rotate left MC to stand-off position and check p	17JAN08	2	18JAN08	14JAN08		78		0.00	3,938.40	EM/TB =48hr ;																																			
S3P2-107	Move left & right MC to final position & measure	21JAN08	2	22JAN08	16JAN08		78		0.00	3,938.40	EM/TB =48hr ;																																			
S3P2-109	Bolt together at flange interface.	23JAN08	3	25JAN08	21JAN08	2	78		0.00	9,846.00	EM/TB =120hr ;																																			
S3P2-108	Pot 3 packs together	28JAN08	9	07FEB08	01FEB08	2	78		0.00	19,692.00	EM/TB =240hr ;																																			
S3P2-110	Perform final metrology position check	08FEB08	3	12FEB08	06FEB08	2	78		0.00	5,907.60	EM/TB =72hr ;																																			
S3P2-110.1	Remove temp interference strips&sensors	13FEB08	2	14FEB08	08FEB08	2	78		0.00	3,938.40	EM/TB =48hr ;																																			
S3P2-111	Secure VV to MC's using temporary supports.	15FEB08	3	19FEB08	13FEB08	2	78		0.00	5,907.60	EM/TB =72hr ;																																			
S4P2-114	Prepare Field Period for shipment	20FEB08	1	20FEB08	14FEB08	2	78		0.00	3,938.40	EM/TB =48hr ;																																			
S4P2-115	Transfer completed assy to C-site test cell	21FEB08	1	21FEB08	15FEB08	2	78		0.00	6,564.00	EM/TB =80hr ;																																			
Station 3-Assemble Mod Coils and VVSA-FP#3																																														
S3P3-101	Mount VV to MC turning fixt base; metr check	22FEB08	2	25FEB08	19FEB08	2	78		0.00	3,938.40	EM/TB =48hr ;																																			
S3P3-101.1	Attach local protective strips to VV&locate sens	26FEB08	2	27FEB08	21FEB08	2	78		0.00	2,625.60	EM/TB =32hr ;																																			
S2P3-201	Assemble/Disassemble abc -abc6 (Stage 3 fixture)	04FEB08	8	13FEB08	13FEB08	2	88		0.00	29,538.00	EM/TB =360hr ;																																			

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 Forecast
 zECP53 baseline schedule
 Progress Bar
 Critical Activity

0701

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Status through January 2007

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ECP-53

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																																																			
											O				N				D				J				F				M				A				M				J				J				A				S				O				N				D				J				F				M				A			
S4P2-106	Assemble right TF Coil Assembly chk position	24APR08	6	01MAY08	25APR08	2	108		0.00	30,850.80																																					EM/TB =96hr +280 ;																																							
S4P2-107	Attach TF coils to MC's	02MAY08	6	09MAY08	05MAY08	2	108		0.00	28,881.60																																					EM/TB =72hr +280 ;																																							
S4P2-108	Change platforms	12MAY08	1	12MAY08	06MAY08	2	108		0.00	5,251.20																																					EM/TB =64hr ;																																							
S4P2-109	Position, weld two large horizontal diag ports	13MAY08	4	16MAY08	12MAY08	2	108		0.00	15,753.60																																					EM/TB =192hr ;																																							
S4P2-110	Inspect Welds	19MAY08	1	19MAY08	13MAY08		108		0.00	1,312.80																																					EM/TB =16hr ;																																							
S4P2-111	Assemble external trim coils (in wbs75)	02MAY08	0	01MAY08	25APR08		120		0.00	0.00																																																																												
S4P2-112	Close up VV, leak check	20MAY08	5	27MAY08	20MAY08	2	108		0.00	52,512.00																																					EM/TB =640hr ;																																							
S4P2-113	Adjust final support base interfaces	28MAY08	5	03JUN08	28MAY08	2	108		0.00	3,938.40																																					EM/TB =48hr ;																																							
S4P2-113.5	Final metrology outside & inside	04JUN08	5	10JUN08	04JUN08	2	108		0.00	0.00																																																																												
S3P2-112	Install on support platform	11JUN08	2	12JUN08	06JUN08		108		0.00	3,938.40																																					EM/TB =48hr ;																																							
Station 5- Final FP Assy -FP#3 (in NCSX TC)																																																																																						
S4P3-101	Mount MC/VV assembly to support frame a	22APR08	2	23APR08	23APR08	2	73		0.00	3,938.40																																					EM/TB =48hr ;																																							
S4P3-102	Position and weld all ports to VV*2 shift*	24APR08	30	05JUN08	05JUN08	2	73		0.00	78,768.00																																					EM/TB =960hr ;																																							
S4P3-103	Inspect Welds	06JUN08	3	10JUN08	10JUN08	2	73		0.00	6,564.00																																					EM/TB =80hr ;																																							
S4P3-104	Assemble left TF Coil Assembly check position	11JUN08	6	18JUN08	18JUN08	2	73		0.00	30,850.80																																					EM/TB =96hr +280 ;																																							
S4P3-105	Change platforms	19JUN08	1	19JUN08	19JUN08	2	73		0.00	3,938.40																																					EM/TB =48hr ;																																							
S4P3-106	Assemble right TF Coil Assembly chk position	20JUN08	6	27JUN08	27JUN08	2	73		0.00	30,850.80																																					EM/TB =96hr +280 ;																																							
S4P3-107	Attach TF coils to MC's	30JUN08	6	08JUL08	08JUL08	2	73		0.00	28,881.60																																					EM/TB =72hr +280 ;																																							
S4P3-108	Change platforms	09JUL08	1	09JUL08	09JUL08	2	73		0.00	5,251.20																																					EM/TB =64hr ;																																							
S4P3-109	Position, weld two large horizontal diag ports	10JUL08	4	15JUL08	15JUL08	2	73		0.00	15,753.60																																					EM/TB =192hr ;																																							
S4P3-110	Inspect Welds	16JUL08	1	16JUL08	16JUL08	2	73		0.00	1,312.80																																					EM/TB =16hr ;																																							
S4P3-111	Assemble external trim coils (in wbs75)	30JUN08	0	27JUN08	27JUN08	2	85		0.00	0.00																																																																												
S4P3-112	Close up VV, leak check	17JUL08	5	23JUL08	23JUL08	2	73		0.00	52,512.00																																					EM/TB =640hr ;																																							
S4P3-113	Adjust final support base interfaces	24JUL08	5	30JUL08	30JUL08	2	73		0.00	3,938.40																																					EM/TB =48hr ;																																							
S4P3-113.5	Final metrology outside & inside	31JUL08	5	06AUG08	06AUG08	2	73		0.00	0.00																																																																												
S3P3-112	Install on support platform	07AUG08	2	08AUG08	08AUG08		73		0.00	3,938.40																																					EM/TB =48hr ;																																							
S4P3-115X	Last field period assembled		0	06AUG08	06AUG08	2	73		0.00	0.00																																					EM/TB =48hr ;																																							
											 LAST FIELD PERIOD ASSEMBLED DOE LEVEL 2 MILESTONE PEP DATE = NOVEMBER 2008																																																																										
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																																																																												

Run Date 13FEB07 13:29

Forecast
 zECP53 baseline schedule
 Progress Bar
 Critical Activity

0701

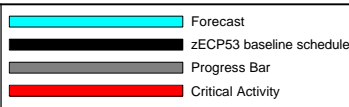
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 Status through January 2007

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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												
											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 F M A A												O N D J F M A M J J A S O N D J F M A A												O N D J F M A A												
											0191-6	LOE-FY06 WBS 191	03OCT05A	249*	29SEP06A	29SEP06A			100	197,774.00	197,774.00	NELSON 1100 ;35=12 k																									
0191-6X	LOE-FY07 WBS 191	01OCT06A	249*	28SEP07	27SEP07		500	LOE	15,896.56	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	cole=1600 ornlm&s=\$29.95 35= 12 k																																				
0192-6X	LOE-FY07 WBS 192	01OCT06A	249*	28SEP07	20SEP07		500	LOE	50,043.64	155,899.20	cole=487 (27%) ornlm 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 k																																				
0192-99	LOE-FY09	01OCT08*	130	13APR09	13APR09		120	LOE	0.00	149,156.00	COLE=644; ornl35=12 ornl41=\$20k																																				
FY07 Rebaseline Exercise																																															
ECP53RBX13	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07	31MAY07		584		0.00	20,244.00	ORNLEM =120hr ;																																				
21 - Fueling Systems																																															
+ Job: 2001 - VPS, Gas & Cond Syst.-BLANCHARD																																															
		01APR03A	757	30MAR06A	30MAR06A			100	62,897.20	62,897.20																																					
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=\$k ;																																				
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	Blanchard =8hr ;																																				
21-65	Integrated Systems Testing/Tech Support	30APR08	45	02JUL08	02JUL08		148		0.00	1,306.44	EE/SM =9hr ;																																				
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	Blanchard =95hr ; EM/SM =80hr ;																																				
22-30	Design PLC based control system *N/R*	03DEC07	20	08JAN08	08JAN08		437		0.00	0.00	ELECT SM =00hr ;																																				
22-35	Electrical Drafting for pumping system *N/R*	03DEC07	20	08JAN08	08JAN08		377		0.00	0.00	MECH DESIGN =00 ;																																				
22-40	Drafting	03DEC07	20	08JAN08	08JAN08		357		0.00	9,656.96	EA/DM =79hr ;																																				

Run Date 13FEB07 13:29



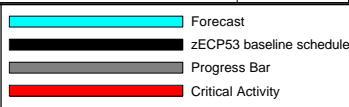
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Status through January 2007

ECP-53

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																																											
											O				N				D				J				F				M				J				J				A				S				O				N				D				J				F				M				A			
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	33	2,583.83	7,829.80	diag tech=60; labik=20																																																																			
3101-161	SUPT LOOP INSTL 200 LOOPS), TESTING	01AUG06A	327*	16NOV07	16NOV07		465	LOE	2,399.33	6,381.20	LABIK =40hr oversight (reduced) installation time in WBS18 job 1810																																																																			
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)	01FEB07*	20	28FEB07	27OCT06		649		0.00	27,883.88	labik=10;machinist=336																																																																			
3101-517A	Install termination boxes	08FEB07	216*	13DEC07	30JAN08		121		0.00	9,980.75	labik=10;machinist=10; diag tech=96																																																																			
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	271*	28FEB07	30OCT06		186	50	7,093.86	11,823.09	LABIK =40hr ;juczynski=40																																																																			
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	LABIK =20hr ;diag tech =60																																																																			
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	221*	28FEB07	28FEB07		649	80	2,680.10	3,350.13	LABIK =20hr ;																																																																			
3101-312	Mandrel prototype	01DEC06A	50	11APR07	19JAN07		619	20	0.00	0.00																																																																				
3101-313	DESIGN LEAD ROUTING AND TERMINATION	01DEC06A	20	22DEC06A	30NOV06			100	3,130.00	3,130.00	LABIK =20hr ;																																																																			
3101-317	PDR PREP- ROWGOWSKI COIL	01DEC06A	48*	14FEB07	05JAN07		112	90	4,282.47	4,758.30	STRATTON =10hr ; LABIK =20hr ;																																																																			
3101-318	PDR - ROWGOWSKI COIL		0	14FEB07*	05JAN07*		112		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)	Calendar																																							
											FY07					FY08					FY09																													
											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	F	M	A	M	J	J	A	S				
3101-321	Specify Rogowski Coils	15FEB07*	10	28FEB07	19JAN07		112		0.00	3,130.00										LABIK =20hr ;																														
3101-325	FDR PREP ROWGOSKI COIL	01MAR07*	10	14MAR07	02FEB07		112		0.00	3,130.00										LABIK =20hr ;																														
3101-326	FDR - ROWGOSKI COIL		0	14MAR07	02FEB07		112		0.00	0.00																																								
3101-329	FAB ROWGOWSKI COILS (2)	15MAR07	10	28MAR07	16FEB07		112		0.00	22,750.00										M&S =15\$K ; LABIK =20hr ;																														
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	207*	28FEB07	28FEB07		278	90	9,007.82	10,008.68										M&S =05\$K ; LABIK =20hr ;																														
3101-425	INSTALL HEAT SHRINK CABLE(for 3 TF coils)	01NOV06A	20	28MAR07	28MAR07		278	15	387.73	2,584.89										EM/TB=100 hrs																														
3101-426	INSTALL HEAT SHRINK CABLE (for 6 PF coils)	01FEB07*	20	28FEB07	29JAN07		419		0.00	5,169.78										EM/TB=100 hrs																														
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										STRATTON =40hr ;																														
+ Prior Costs																																																		
		01JAN05A	379	30JUN06A	30JUN06A			100	127,097.00	127,097.00																																								
+ Prior Costs																																																		
		01OCT04A	457	31JUL06A	31JUL06A			100	173,058.40	173,058.40																																								
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																																								
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	965						345,322.33	345,322.33																																								
FY07 Rebaseline Exercise																																																		
ECP53RBX14	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07	31MAY07		584		0.00	10,421.12																																								

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

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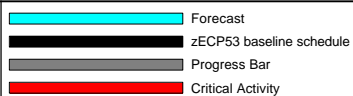
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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	BASELINE FINISH DATE	Shifts	Total Float in days (21 days= 1 mo.)	Percent Complete	Earned value cost (BCWP)	Budget (ECP-53)	Gantt Chart																				
											FY07					FY08					FY09										
											O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
390-03	LOE Support FY07	01OCT06A	249*	28SEP07	28SEP07		500	LOE	9,251.51	28,820.91	Stratton =177hr																				
41 - AC Power																															
Job: 4101 - AC Power-RAMAKRISHNAN																															
411 - Auxiliary AC Power Systems																															
4101-100	Prepare Preliminary One line diagram	01MAR04A	173*	30SEP04A	30SEP04A	GPP		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	vankirk =16hr ; raki =24 ee//sm=16; ee//tb=32																				
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	VANKIRK =160hr ; Raki =72hr																				
411-2-4	Grounding-Procure	11FEB08*	107	10JUL08	10JUL08		114		0.00	7,025.00	41=05\$sk ;																				
411-2-6	Grounding-Install	09MAY08*	43	10JUL08	10JUL08		114		0.00	47,140.66	EE//EM =28hr ; EE//SM =56hr ; EE//TB =112hr ;41=17.5																				
411-2-8	Grounding-Commission	11JUL08*	29	20AUG08	20AUG08		114		0.00	16,816.88	EE//EM =24hr ; EE//SM =40hr ; EE//TB =80hr ;																				
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	GPP		100	73,000.00	73,000.00																					
411-3-4	TC AC Pwr Distr-Procure(pnls&xfrms)**GPP TASK**	01JUL05A	108*	28NOV07	28NOV07	GPP	457	20	9,050.00	9,050.00	81=09\$sk ;																				
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	VANKIRK =40hr ; Raki =40hr ;																				
412-1-4	D-site Pulsed AC Power Distr-Procure	11JAN08	65	10APR08	10APR08		103		0.00	7,025.00	41=05\$sk ;																				
412-1-6	D-site Pulsed AC Power Distr-Install	11APR08	40	06JUN08	06JUN08		103		0.00	18,885.76	EE//EM =16hr ; EE//SM =64hr ; EE//TB =80hr ;																				
412-1-8	D-site Pulsed AC Power Distr-Commission	09JUN08	40	04AUG08	04AUG08		103		0.00	11,111.52	EE//EM =24hr ; EE//SM =24hr ; EE//TB =40hr ;																				
+																															
		01OCT04A	251	30SEP05A	30SEP05A	GPP		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																				

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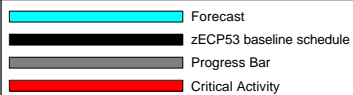
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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	BASELINE FINISH DATE	Shifts	Total Float in days (21 days= 1 mo.)	Percent Complete	Earned value cost (BCWP)	Budget (ECP-53)	Gantt Chart																				
											FY07					FY08					FY09										
											O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
444-3-2	DC Shunts-Dsn	01OCT07*	122	31MAR08	31MAR08		378		0.00	16,854.00	[Gantt Chart: DC Shunts-Dsn]																				
444-3-4	DC Shunts-Procure**N/R**	01FEB07	0	31JAN07	29SEP06		669		0.00	0.00	[Gantt Chart: DC Shunts-Procure**N/R**]																				
444-3-6	DC Shunts-Install**N/R**	01FEB07	0	31JAN07	29SEP06		669		0.00	0.00	[Gantt Chart: DC Shunts-Install**N/R**]																				
444-3-8	DC Shunts-Commission**N/R**	01FEB07	0	31JAN07	29SEP06		669		0.00	0.00	[Gantt Chart: DC Shunts-Commission**N/R**]																				
444-4-2	Signal Conditioning & Cabling-Dsn	01JUL05A	108*	28NOV07	28NOV07		367	15	6,253.28	41,688.52	[Gantt Chart: Signal Conditioning & Cabling-Dsn]																				
444-4-4	Signal Conditioning & Cabling-Procure	01JUL05A	241*	18DEC07	18DEC07		336	15	2,427.83	16,185.51	[Gantt Chart: Signal Conditioning & Cabling-Procure]																				
444-4-6	Signal Conditioning & Cabling-Install	24JAN08	68	28APR08	28APR08		336		0.00	27,924.48	[Gantt Chart: Signal Conditioning & Cabling-Install]																				
444-4-8	Signal Conditioning & Cabling-Commission	29APR08	22	29MAY08	29MAY08		336		0.00	17,678.96	[Gantt Chart: Signal Conditioning & Cabling-Commission]																				
445 - Coil Protection Systems																															
445-1-2	Ground Fault Protection-Dsn	01OCT07*	82	04FEB08	04FEB08		151		0.00	35,893.20	[Gantt Chart: Ground Fault Protection-Dsn]																				
445-1-4	Ground Fault Protection-Procure	01NOV07*	65	12FEB08	12FEB08		145		0.00	25,290.00	[Gantt Chart: Ground Fault Protection-Procure]																				
445-1-6	Ground Fault Protection-Install	13FEB08*	40	08APR08	08APR08		145		0.00	24,190.88	[Gantt Chart: Ground Fault Protection-Install]																				
445-1-8	Ground Fault Protection-Commission	07MAY08	20	04JUN08	04JUN08		145		0.00	10,434.96	[Gantt Chart: Ground Fault Protection-Commission]																				
445-2-0	Overload Protection & Cabling-Prelim Dsn	01MAR04A	272	30SEP04A	30SEP04A			100	1,054.90	1,054.90	[Gantt Chart: Overload Protection & Cabling-Prelim Dsn]																				
445-2-105	Overload Protect-Write spec and approve	01OCT07*	20	26OCT07	26OCT07		480		0.00	14,149.60	[Gantt Chart: Overload Protect-Write spec and approve]																				
445-2-110	Overload Protect-Design	01OCT07*	80	31JAN08	31JAN08		281		0.00	31,196.16	[Gantt Chart: Overload Protect-Design]																				
445-2-115	Overload Protect-Fabr 4 chassis 120 modls	01FEB08*	79	21MAY08	21MAY08		281		0.00	30,699.24	[Gantt Chart: Overload Protect-Fabr 4 chassis 120 modls]																				
445-2-120	Overload Protect-Test 4 units	22MAY08	20	19JUN08	19JUN08		281		0.00	10,304.96	[Gantt Chart: Overload Protect-Test 4 units]																				
445-2-125	Overload Protect-Install & Rack wiring	20JUN08	20	18JUL08	18JUL08		281		0.00	19,667.08	[Gantt Chart: Overload Protect-Install & Rack wiring]																				
445-2-130	Overload Protect-Write & perform ISTP	21JUL08	20	15AUG08	15AUG08		281		0.00	10,304.96	[Gantt Chart: Overload Protect-Write & perform ISTP]																				
445-2-135	Overload Protect-Documentation	08OCT07*	180	27JUN08	27JUN08		315		0.00	10,653.28	[Gantt Chart: Overload Protect-Documentation]																				
445-2-140	Overload Protection&cabling design,procure instl	01OCT07*	249	29SEP08	29SEP08		251		0.00	60,205.25	[Gantt Chart: Overload Protection&cabling design,procure instl]																				
ECP494401	ECP49 job closeout for fy06	01OCT05A	251	31JUL06A	31JUL06A			100	24,000.00	24,000.00	[Gantt Chart: ECP49 job closeout for fy06]																				
FY05CV-36	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			100	49,000.00	49,000.00	[Gantt Chart: FY05 unrecoverable cost variance]																				
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	[Gantt Chart: Apr-Sept MIE Cost]																				
451 - System Design & Interfaces																															
4501-100	Design Drawings	02FEB04A	193*	30SEP04A	30SEP04A			100	19,807.80	19,807.80	[Gantt Chart: Design Drawings]																				
4501-110	Calculations-FY04	01MAR04A	151*	30SEP04A	30SEP04A			100	0.00	0.00	[Gantt Chart: Calculations-FY04]																				
451-0-1	C-Site Decision	30APR04A	0	30APR04A	30APR04A			100	0.00	0.00	[Gantt Chart: C-Site Decision]																				
451-7-2	FDR DC transmission-Dsn	01MAY04A	0*	28MAY04A	28MAY04A			100	10,084.00	10,084.00	[Gantt Chart: FDR DC transmission-Dsn]																				

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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												
											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 F M A A												O N D J F M A M J J A S O N D J F M A A												O N D J F M A A												
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	02APR07*	15	20APR07	20APR07		612		0.00	0.00																																					
451-3-2	Dwgs,asbuilts -Elect Dsn	08OCT07*	245*	30SEP08	30SEP08		250		0.00	169,578.40																																					
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																																				
452-1-4	Diagnostics AC Power Distr-Procure	15FEB08	65	15MAY08	15MAY08		141		0.00	435.55	41=00\$;																																				
452-1-6	Diagnostics AC Power Distr-Install	15FEB08	105	14JUL08	14JUL08		101		0.00	25,137.05	ELECT SM =25hr ; E 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\$;																																				
452-2-6	Diagnostics sensor cabling-Install	12MAR08	43	09MAY08	09MAY08		145		0.00	7,055.23	ELECT SM =10hr ; ELECT RAKI =08hr ;																																				
452-2-8	Diagnostics sensor cabling-Commission	12MAY08	40	08JUL08	08JUL08		145		0.00	2,027.48	ELECT SM =05hr ; ELECT TB =10hr ; 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 equipt	15FEB08*	65	15MAY08	15MAY08		188		0.00	35,125.00	41=25\$;																																				
453-1-8	Testing PTPs, ISTPs	25APR08*	100	16SEP08	16SEP08		103		0.00	216,522.88	EE/SM =240hr ; EE																																				
FY07 Rebaseline Exercise																																															
ECP53RBX15	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07	31MAY07		584		0.00	6,755.20	EE/EM =40hr ;																																				
ECP494501	ECP49 job closeout for fy06	01OCT05A	251	31JUL06A	31JUL06A			100	5,000.00	5,000.00																																					
FY05CV-37	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			100	-52,000.00	-52,000.00																																					
46 - FCPC Building Modifications																																															
Job: 4601 - FCPC Bldg Mods-RAMAKRISHNAN																																															
Prior Costs																																															
4601-001	Apr-Sept MIE Cost	01APR03A	43*	30SEP03A	30SEP03A			100	1,300.00	1,300.00																																					

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	Forecast
	zECP53 baseline schedule
	Progress Bar
	Critical Activity

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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												
											O				N				D				O				N				D				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	F	M	A	M	J	J	A	S	O	N	D	
51 - TCP/IP Infrastructure Systems																																															
Job: 5101 - TCP/IP Infrastructure Systems-SICHTA																																															
51-10	Preliminary Design (Title I)	01OCT07*	45	04DEC07	04DEC07		227		0.00	4,572.90	EC//EM =30hr ;																																				
51-20	Final Network Design (Title II)	05DEC07	20	10JAN08	10JAN08		227		0.00	4,572.90	EC//EM =30hr ;																																				
51-30	Installation, Testing, Documentation (Title III)	11JAN08	120	27JUN08	27JUN08		227		0.00	140,378.70	EA//DM =110hr ; EC//E EE//tb =490hr ; 41=50\$																																				
52 - Central Instrumentation & Control																																															
Job: 5201 - I&C Systems-SICHTA																																															
52-10	Preliminary Design (Title I)	01OCT07*	45	04DEC07	04DEC07		145		0.00	6,097.20	EC//EM =40hr ;																																				
52-20	Final Design (Title II)	05DEC07	87	14APR08	14APR08		145		0.00	6,097.20	EC//EM =40hr ;																																				
52-30	Installation, Testing, Documentation (Title III)	15APR08	135	23OCT08	23OCT08		145		0.00	123,578.01	EC//tb=240hr ; EC//EM =320hr ; 41=40\$;																																				
53 - Data Acquisition & Facility Computing																																															
Job: 5301 - Data Acquisition-SICHTA																																															
53-10	Preliminary Design (Title I)	01OCT07*	45	04DEC07	04DEC07		167		0.00	30,486.00	EC//EM =200hr ;																																				
53-20	Final Design (Title II)	05DEC07	65	13MAR08	13MAR08		167		0.00	30,486.00	EC//EM =200hr ;																																				
53-30	Coding, Configuration, Testing (Title III)	14MAR08	135	23SEP08	23SEP08		167		0.00	86,686.00	EC//EM =200hr ; 41=40\$;																																				
54 - Facility Timing & Synchronization																																															
Job: 5401 - Facility Timing & Synchron.-SICHTA																																															
54-10	Preliminary Design (Title I)	02OCT07*	45	05DEC07	05DEC07		166		0.00	6,097.20	EC//EM =40hr ;																																				
54-20	Final Design (Title II)	06DEC07	65	14MAR08	14MAR08		166		0.00	6,097.20	EC//EM =40hr ;																																				
54-30	Installation, Testing, Documentation (Title III)	17MAR08	135	24SEP08	24SEP08		166		0.00	67,387.60	EC//SM =300hr ; EC//EM =120hr ; 41=19\$;																																				
55 - Real Time Plasma & Power Supply Control Sys																																															
Job: 5501 - Real Time Control System-SICHTA																																															
55-10	Preliminary Design (Title I)	02OCT07*	45	05DEC07	05DEC07		226		0.00	6,097.20	EC//EM =40hr ;																																				
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 ; 41=15\$;																																				
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 ;																																				

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 Forecast
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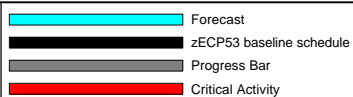
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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	BASELINE FINISH DATE	Shifts	Total Float in days (21 days=1 mo.)	Percent Complete	Earned value cost (BCWP)	Budget (ECP-53)	FY07												FY08												FY09												
											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 F M			A M J			J A S			
56-20	Final Design (Title II)	13FEB08	45	15APR08	15APR08		171		0.00	6,097.20																																					
56-30	Installation, Testing, Documentation (Title III)	16APR08	108	17SEP08	17SEP08		171		0.00	113,224.60	EC//EM =40hr ; EC//EM =220hr ; EE//tb=800hr ; 41=10\$K ;																																				
57 - Control Room Facility																																															
Job: 5701 - Control Room Facility-SICHTA																																															
57-10		01FEB07	0	31JAN07	29SEP06		669		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	EC//EM =80hr ;																																				
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																																					
632.021	WBS 612 Assembly/Fabrication/Installation	05FEB08	40	31MAR08	31MAR08		209		0.00	13,423.00	em/em=10 em/tb=58; 41=\$5k																																				
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\$K ; EM/TB =512hr ; GERNHARDT =48hr ; GETTELFINGER																																				
6200-525	Conduct CDR for cryostat cooling system design.	09JAN08	5	15JAN08	15JAN08		106		0.00	5,245.12	GETTELFINGER =32hr ;																																				
Job: 6201 - Cryogenic Systems-DUDEK																																															
621 - LN2-LHe Supply System																																															
631-001	Preliminary Design	01OCT07*	30	09NOV07	09NOV07		247		0.00	14,587.99	EM//EM =89hr ;																																				
631-010	Final Design**reduced scope	12NOV07	30	03JAN08	03JAN08		247		0.00	16,543.83	EM//EM =89hr ; EA//DM =176-160=1																																				
631-020	Procurement **reduced scope	04JAN08	88	06MAY08	06MAY08		247		0.00	123,078.00	41=88\$K -51.4=36.6 ;																																				
631-015	Fab/Assy/Installation**reduced scope	29FEB08	65	30MAY08	30MAY08		247		0.00	68,281.06	EM//EM =89hr ; EM//SM EM//TB =580-170=410hr ;																																				

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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											
											O				N				D				O				N				D				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	F	M	A	M	J	J	A	S	O	N	D
622 - LN2 Coil Cooling Supply																																														
632-001	**deleted scope	01FEB07	0	31JAN07	29SEP06		669		0.00	0.00	FOM ENGR =00hr ;																																			
623 - GN2 Cryostat Cooling System																																														
633-001	Preliminary Design	01OCT07*	20	26OCT07	26OCT07		232		0.00	14,587.99	EM//EM =89hr ;																																			
633-020	Procurement	12DEC07	130	20JUN08	20JUN08		232		0.00	112,329.75	EM//EM =89hr ; EA//DM =80hr ;																																			
633-010	Final Design	29OCT07	30	11DEC07	11DEC07		232		0.00	24,367.19	EM//EM =89hr ; EM//TB =656hr ;																																			
633-015	Fab/Assy/Installation	19FEB08	88	20JUN08	20JUN08		232		0.00	68,412.79	EM//EM =89hr ; EM//TB =656hr ;																																			
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=\$17.40																																			
+ 64 - PFC/VV Heating & Cooling*ELIMINATED*																																														
		01FEB07	0	31JAN07	29SEP06		669		0.00	0.00																																				
+ 65 - Facility Systems Integration																																														
		01APR03A	378	30SEP04A	30SEP04A			100	24,380.00	24,380.00																																				
71 - Shield Wall Seismic Modifications																																														
Job: 7101 - Shield Wall Modif Design-PERRY																																														
Prior Costs																																														
7101-000	Apr-Sept MIE Cost PPPL	01APR03A	66	30SEP03A	30SEP03A			100	32,150.00	32,150.00																																				
FY06CV-185	ECP45 FY06 cv	01OCT05A	251*	30MAR06A	30MAR06A			100	490.00	490.00																																				
72 - Control Room Refurbishment																																														
Job: 7201 - Control Room Walls&Floors-PERRY																																														
710.001	Install Wall east side control room	01FEB07*	24	06MAR07	02NOV06		627		0.00	0.00	Funded by GPP **ECP34**																																			
711B.050	Complete Control Room Flooring **post CD-4**	07MAR07*	18	30MAR07	30NOV06		627		0.00	0.00																																				
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																																				

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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												
											O				N				D				O				N				D				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	F	M	A	M	J	J	A	S	O	N	D	
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	per																																				
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	17JUN08	173*	27FEB09	27FEB09		73		0.00	477,820.26	Work Control Center em//sm=1359 (1fte) Tool Crib Control em//tb=680 (.5 fte) Crane Operator & support em//tb=1359 (1.0 fte) Forklift Operator & support em//tb=1359 (1.0 fte)																																				
7501-06	Construction Support Crew e-beam mapping&ISTP	02MAR09	35*	17APR09	17APR09		73		0.00	97,395.20	em//tb=1120support techs (4 techs)																																				
Job: 7502 - Test Cell Facility Prep-PERRY																																															
7502-020	Resurface TC floor**DELETED**	01FEB07*	42	30MAR07	30NOV06		543		0.00	0.00																																					
7502-030	TC Floor firesealing**DELETED**	02APR07	42	30MAY07	06FEB07		543		0.00	0.00																																					
7502-035	Control room firesealing**DELETED**	31MAY07	42	30JUL07	05APR07		543		0.00	0.00																																					
Job: 7503 - Machine Assembly (station 6)-PERRY																																															
Revised Assembly Logic (ecp18)																																															
7503-010	Begin Assembly Activities	17JUN08*	0				73		0.00	0.00																																					
7503-020	Install & Level Support Base Plates	17JUN08	8	26JUN08	26JUN08	2	73		0.00	66,907.80	EA/EM =60hr ; EM/TB =480hr ; EM/SM =120hr ;																																				
7503-030	Install/Level FPA's and Spool Piece supports	27JUN08	15	18JUL08	18JUL08	2	73		0.00	133,815.60	EA/EM =120hr ; EM/TB =960hr ; EM/SM =240hr ;																																				

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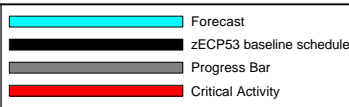
 Forecast
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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	BASELINE FINISH DATE	Shifts	Total Float in days (21 days= 1 mo.)	Percent Complete	Earned value cost (BCWP)	Budget (ECP-53)	FY07												FY08												FY09											
											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 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 F M A M J J A S																																			
7503-060	Install Lower PF 4,5&6 into prelim position	07AUG08	2	08AUG08	08AUG08		73		0.00	4,780.48													EM//SM =16hr ; EM//TB =32hr ;																							
7503-070	Install 3 Spool Pieces on fixt & test movement	21JUL08	10	01AUG08	01AUG08		73		0.00	44,605.20													EA//EM =40hr ; EM//TB =320hr ; EM//SM =80hr ;																							
7503-080	FPA-1 Installed on support platform		0	01AUG08	01AUG08		73		0.00	0.00													▼																							
7503-090	Install local Platforms around FPA-1	12AUG08	5	18AUG08	18AUG08	2	73		0.00	44,605.20													EA//EM =40hr ; EM//TB =320hr ; EM//SM =80hr ;												▼											
7503-110	FPA-2 Installed on support platform		0	01AUG08	01AUG08		73		0.00	0.00													▼																							
7503-120	Test movement of FPA-1& -2 & position checks.	04AUG08	5	08AUG08	08AUG08		73		0.00	22,302.60													EA//EM =20hr ; EM//TB =160hr ; EM//SM =40hr ;																							
7503-130	Install local Platforms around FPA-2	06AUG08	3	08AUG08	08AUG08		73		0.00	44,605.20													EA//EM =40hr ; EM//TB =320hr ; EM//SM =80hr ;																							
7503-150	FPA-3 Installed on support platform		0	08AUG08	08AUG08		73		0.00	0.00													▼																							
7503-160	Position all FPA's / Spool Pieces @ MC Interface	11AUG08	6	18AUG08	18AUG08		73		0.00	26,763.12													EA//EM =24hr ; EM//TB =192hr ; EM//SM =48hr ;																							
7503-170	FPA Metrology Checks to Assure Alignment	19AUG08	3	21AUG08	21AUG08		73		0.00	3,257.04													EA//EM =12hr ; EM//TB =12hr ;																							
7503-190	Install local Platforms around FPA-3	22AUG08	5	28AUG08	28AUG08	2	73		0.00	44,605.20													EA//EM =40hr ; EM//TB =320hr ; EM//SM =80hr ;																							
7503-180	MC Interfaces: shim, ream holes ,bolt together	29AUG08	15	19SEP08	19SEP08		73		0.00	86,599.80													EA//EM =60hr ; EM//TB =720hr ; EM//SM =120hr ;												■											
7503-200	Mate-up and weld all VV-to-Spool interfaces	22SEP08	15	10OCT08	10OCT08		73		0.00	77,638.88													EM//SM =120hr ; EM//TB =720hr ;												■											
7503-240	Bolt on preassembled pump duct	13OCT08	5	17OCT08	17OCT08		73		0.00	19,623.20													EM//SM =40hr ; EM//TB =160hr ;												■											
7503-240.1	Install insulation boots	20OCT08	5	24OCT08	24OCT08	2	73		0.00	27,827.20													EM//TB =320hr ; ?TBD												■											
7503-240.2	Install insulation	27OCT08	2	28OCT08	28OCT08	2	73		0.00	6,261.12													EM//TB =72hr ; ?TBD												■											
7503-250	Begin Vac Vsl Pumpdown	29OCT08	0				73		0.00	0.00													***** PUMP DOWN OF VACUUM VESSEL DOE LEVEL 2 MILESTONE PEP DATE = FEBRUARY 2009 *****												▼											
7503-260	PTP Pumpdown & leak check VV	29OCT08	10	11NOV08	11NOV08		73		0.00	53,160.00													EM//SM =80hr ; EM//TB =480hr ;												■											
7503-210	Fit-up all TF coils	13OCT08	10	24OCT08	24OCT08		73		0.00	61,188.40													EA//EM =40hr ; EM//TB =480hr ; EM//SM =80hr ;												■											
7503-270	Raise lower PF 4,5&6 coils into final position	27OCT08	6	03NOV08	03NOV08		73		0.00	28,364.88													EA//EM =24hr ; EM//TB =192hr ; EM//SM =48hr ;												■											
7503-280	Install Upper PF 4,5 & 6 coils	04NOV08	6	11NOV08	11NOV08		73		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)	12NOV08	4	17NOV08	17NOV08		73		0.00	18,909.92													EA//EM =16hr ; EM//TB =128hr ; EM//SM =32hr ;												■											
7503-290A	Install trim coils	18NOV08	5	24NOV08	24NOV08		73		0.00	18,909.92													EA//EM =16hr ; EM//TB =128hr ; EM//SM =32hr ;												■											
7503-310	Complete LN2 connections	25NOV08	10	10DEC08	10DEC08		73		0.00	39,246.40													EM//SM =80hr ; EM//TB =320hr ;												■											
7503-320	Complete Elect Pwr connections	25NOV08	10	10DEC08	10DEC08	2	73		0.00	106,320.00													EM//SM =160hr ; EM//TB =960hr ;												■											
7503-321	Complete mag diag & machine I&C	25NOV08	10	10DEC08	10DEC08	2	73		0.00	50,665.60													EM//SM =160hr ; EM//TB =320hr ;												■											

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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														
											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
7503-330	Begin Cryostat Installation	11DEC08	0				73		0.00	0.00	***** BEGIN CRYOSTAT INSTALLATION DOE LEVEL 2 MILESTONE PEP DATE = APRIL 2009 *****																								
7503-340	Install Cryostat Base, vapor barrier & port boots	11DEC08	10	02JAN09	02JAN09		73		0.00	39,246.40	EM//SM =80hr ; EM//TB =320hr ;																								
7503-350	Install Cryostat upper section, VB and port boots	05JAN09	10	16JAN09	16JAN09		73		0.00	39,246.40	EM//SM =80hr ; EM//TB =320hr ;																								
7503-360	Install Midplane Cryostat sections and port boot	19JAN09	15	06FEB09	06FEB09		73		0.00	58,869.60	EM//SM =120hr ; EM//TB =480hr ;																								
7503-370	Install Cryostat Circulation Duct	09FEB09	5	13FEB09	13FEB09		73		0.00	19,623.20	EM//SM =40hr ; EM//TB =160hr ;																								
730.1248	ACC Review	12JAN09	20	06FEB09	06FEB09		73		0.00	0.00																									
730.1249	PSO Operational Readiness Assessment	09FEB09	5	13FEB09	13FEB09		73		0.00	0.00																									
730.1250	PSO Operational Readiness Assessment		0	13FEB09	13FEB09		73		0.00	0.00	***** COMPLETE OPERATIONAL READINESS ASSESSMENT DOE LEVEL 2 MILESTONE PEP DATE = JUNE 2009 *****																								
730.8200	PTP and Cooldown	16FEB09	10	27FEB09	27FEB09		73		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											
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	01FEB07*	85*	31MAY07	31MAY07		584		0.00	8,722.52	R//RM3 =38hr ;											
ECP53RBX17	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07	31MAY07		584		0.00	0.00	FC//AM =00hr ;											
810.004	Project Management Office PPPL FY06	03OCT05A	249*	29SEP06A	29SEP06A			100	634,642.72	634,642.72	hutch=1503 85% ; 41=06\$K ; 35=08\$K ; strykowsky=1592 90% ; pam=312 15% ; phil=0%											
810.005	Project Management Office PPPL FY07	01OCT06A	245*	24SEP07	28SEP07		504	LOE	177,753.30	543,588.07	hutch=1294 75% ; strykowsky=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% ; strykowsky=1238											
810.909	Project Management Office PPPL FY09	01OCT08*	163*	29MAY09	29MAY09		87		0.00	83,597.30	hutch=190 11% ; strykowsky=190 11% ; ;35=1											

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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																																																											
											O				N				D				J				F				M				A				M				J				J				A				S				O				N				D				J				F				M				A				M				J			
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	01FEB07*	85*	31MAY07	31MAY07		584		0.00	2,699.20	ORNL41 =16hr ;																																																																																			
810.104	Project Management Office ORNL FY06	01OCT05A	249*	29SEP06A	29SEP06A			100	173,610.65	173,610.65	ORNL41 =850hr Lyon 50- ORNL41 =2\$ ornlam=95 Admin 5%																																																																																			
810.104X	Project Management Office ORNL FY07	01OCT06A	249*	28SEP07	28SEP07		500	LOE	22,559.35	64,764.50	ORNL41 =530hr 30% ORNL41 =2\$																																																																																			
810.105X	Project Management Office ORNL FY08	02OCT07*	248*	29SEP08	29SEP08		251		0.00	36,106.00	ORNL41 =180h ORNL41 =2\$ ornl																																																																																			
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	01FEB07*	85*	31MAY07	31MAY07		584		0.00	30,734.30	SIMMONS =170hr ;																																																																																			
820.04X	Proj engr FY07	01OCT06A	246*	25SEP07	25SEP07		503	LOE	129,212.54	397,577.03	wayne=1467;35=5k;dudek=690 such=173;																																																																																			
8205FY07	Systems Engineering Support FY07	02OCT06A	246*	25SEP07	25SEP07		503	LOE	30,436.00	93,649.22	simmons=518																																																																																			
820.004Z	Proj engr FY08	02OCT07*	246*	25SEP08	25SEP08		253		0.00	249,760.37	wayne=1036 60%; 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 rvw of machine assembly approach	01FEB07*	4	06FEB07	05OCT06		665		0.00	0.00																																																																																				
8203-07	Rvw cryostat & conventional magnet sys design	01FEB07*	9	13FEB07	12OCT06		660		0.00	0.00																																																																																				
8203-08	tollerance reqmnts for MCsupt install fixt dwgs	01FEB07*	39	27MAR07	27NOV06		630		0.00	0.00																																																																																				
8203-09	Machine supt dsn f/compatibility with assy reqt	01FEB07*	12	16FEB07	17OCT06		657		0.00	0.00																																																																																				
8203-10	Dynamic simul MC half period install fixt w/ Pro	01FEB07*	42	30MAR07	30NOV06		627		0.00	0.00																																																																																				
8203-11	Document NCSX Interlink& dwg control process	01FEB07*	11	15FEB07	16OCT06		658		0.00	0.00																																																																																				
8203-12	Update definition VV spool piece assy simul	01FEB07*	19	27FEB07	26OCT06		650		0.00	0.00																																																																																				
8203FY06	Design Integration FY06	03OCT05A	249*	29SEP06A	29SEP06A			100	140,201.64	140,201.64	ea/sm=482 25% brown=518 30%																																																																																			
8203FY07	Design Integration FY07	01OCT06A	249*	28SEP07	28SEP07		500	LOE	62,095.94	193,445.30	brown=1070 62%																																																																																			
8203FY07M	Design Integration FY07	25JUN07*	39*	17AUG07	17AUG07		529		0.00	30,808.80	morris=320-56=264 (post ecp53 correction)																																																																																			

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											FY07					FY08					FY09														
											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
8203GY07M	Design Integration FY07	01MAY07*	43*	29JUN07	29JUN07		563		0.00	14,004.00	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	brooks=1295 75%																								
8204FY06.1	Systems Analysis FY06	01MAY06A	106*	29SEP06A	29SEP06A			100	75,019.86	75,019.86	fan=431																								
8204FY06.2	Systems Analysis FY06	01MAY06A	107*	29SEP06A	29SEP06A			100	26,074.19	26,074.19	brooks add'l 25%=-150hrs																								
8204FY07	Systems Analysis FY07	01OCT06A	249*	28SEP07	28SEP07		500	LOE	80,132.78	249,634.83	brooks=1380 (80%)																								
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	raftoplous (measurement) 25%=415hrs stratton=107 hrs 40%																								
METFY07R	Metrology for FP & machine assy FY07	01OCT06A	249*	28SEP07	28SEP07		500	LOE	10,039.81	31,276.67	raftoplous (measurement) 10% =173hrs																								
METFY07R1	Metrology for FP & machine assy FY07 ecp53	01JAN07A	191*	28SEP07	28SEP07		500	LOE	7,276.80	63,276.50	ellis=350																								
METFY08R	Metrology for FP & machine assy FY08	03OCT07*	247*	29SEP08	29SEP08		251		0.00	32,761.01	raftoplous (measu																								
Job: 8206 - FY07 Rebaseling tasks																																			
FY07 Rebaseline Exercise																																			
ECP53RBX23	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07	31MAY07		584		0.00	20,032.00	EM//EM =128hr ;																								
ECP53RBX24	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07	31MAY07		584		0.00	16,226.56	EC//EM =112hr ;																								
ECP53RBX25	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07	31MAY07		584		0.00	3,715.36	EE//EM =22hr ;																								
84 - Project Physics																																			
+ Job: 8401 - Project Phycis-ZARNSTORFF																																			
		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																									
85 - Integrated Systems Testing																																			
Job: 8501 - Integrated Systems Testing-GENTILE																																			
920.001	Procedure and Document Preparation	27MAY08*	150	06JAN09	06JAN09		101		0.00	355,410.72	em//em=1162;em//sm=1162																								
920.000	Startup Personnel	08JAN09	72	17APR09	17APR09		73		0.00	421,878.48	em//em=428, ee//em=503, ec//em=125 em//sm=855, ee//sm=0, em//tb=125 r///rm2=428;ee//tb=250																								

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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															
											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
920.004	Begin Start-up Testing	02MAR09	0				73		0.00	0.00	***** BEGIN STARTUP TESTING DOE LEVEL 2 MILESTONE PEP DATE = JUNE 2009 *****																								
920.005	Punch list,Cmplt PTP's,Reconfig, Rm temp Hi-pot	08JAN09	37	27FEB09	27FEB09		73		0.00	0.00																									
920.010	Field Coil Testsing,FCPC test & E-Beam Mapping	02MAR09	25	03APR09	03APR09		73		0.00	0.00																									
920.020	Final ISTP	06APR09	7	14APR09	14APR09		73		0.00	0.00																									
920.021	Operations Approval	15APR09	3	17APR09	17APR09		73		0.00	0.00																									
730.9000	First Plasma		0	17APR09	17APR09		73		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																																			
		01APR03A	885	29SEP06A	29SEP06A			100	869,925.80	869,925.80																									
99.06	PPPL Allocations FY06	03OCT05A	249*	29SEP06A	29SEP06A			100	329,764.50	329,764.50	54=187.9																								
99.07	PPPL Allocations FY07	29SEP06A	247*	25SEP07	28SEP07		503	LOE	105,768.87	322,466.07	54=187.9																								
99.08	PPPL Allocations FY08	01OCT07*	249*	29SEP08	29SEP08		251		0.00	166,336.61	54=92.77																								
Future adjustments and credits																																			
99.07W	Scrap value of Kirksite dies (minimum sale price)	01MAY07A	22*	31MAY07A	31MAY07A				-222,500.00	-222,500.00	81=-222.491\$k																								
99.07X	Retroactive MHX exclusion	01MAY07A	22*	31MAY07A	31MAY07A				-232,000.00	-232,000.00	81=-232\$k																								
99.07Y	Overhead rate reduction estimate for FY07 only	01JUN07A	22*	28SEP07A	28SEP07A				-56,000.00	-56,000.00	81=-56\$k																								
99.07Z	Overhead rate reduction estimate for FY07 only	01MAY07A	22*	31MAY07A	31MAY07A				-110,000.00	-110,000.00	81=-110\$k																								
Contingency																																			
Contingency-Project																																			
		03OCT05A	847	27FEB09	27FEB09		151		2,088,000.00	6,033,344.00																									
DCMA																																			
DCMAFY04	DCMA	01OCT03A	256*	30SEP04A	30SEP04A				75,000.00	75,000.00																									

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