

Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	Proposed PMB Budget																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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										FY06		FY07		FY08		FY09		FY10			
VV Heater Tape																					
122-012	Heater Tape Design	02MAY05A	140*	15NOV05	410		75*	46,493.53	61,991.37	ea/em=87; ornlem=300											
VV Local I&C																					
125-011	Final design WBS 125 local I&C	01MAR05A	247*	22FEB06	347		80*	11,539.38	14,424.23	omlem=90											
125-011F	FDR (Define HW & SW rqmnts)		0	22FEB06*	920			0.00	0.00												
125-011P	PDR (define rqmnts & sys architecture)		0	18JAN06*	945			0.00	0.00												
Thermal Insulation																					
122-011	Final design WBS 122 Thermal insulation	01JUN04A	416*	31JAN06	221		75*	61,672.88	82,230.51	em/em=20hr ;ornlem=519											
122-011F	FDR Thermal Insulation		0	31JAN06	221			0.00	0.00												
SRX Diagnostic VV Design																					
1203-810	resolve design pockets for soft x ray arrays	01NOV05*	70*	16FEB06	924			0.00	6,748.00	ORNLEM =40hr ;											
1203-810P	soft x ray array PDR		0	19JAN06*	944			0.00	0.00												
1203-810F	soft x ray array FDR		0	16FEB06*	924			0.00	0.00												
Job:1204-VV Sys Procurements (non VVSA)-GORANSON																					
VV Vertical Supports																					
124-030.0	Release dwg package for fab VV Vertical Supports	30SEP05A	0					0.00	0.00												
124-037	PPPL Fab VV Vert. Supports WBS 124	01NOV05*	60	02FEB06	452			0.00	65,152.00	em/tb=800											
124-031	Title III engr WBS 124	17OCT05*	103	20MAR06	420			0.00	10,469.02	Viola =02hr ; Goranson =60hr ;											
VV Lateral Supports																					
124-030L	SPEA VV Lateral Supports WBS 124	01NOV05*	43	10JAN06	409			0.00	0.00												
124-036.9L	Award VV Lateral Supports WBS 124		0	02OCT06*	222			0.00	0.00												
124-037L	VV Lateral Supports Fab by PPPL WBS 124	03OCT06	60	04JAN07	222			0.00	33,288.00	em/tb=400											
VV Personnel Access Port																					
124-100	Issue req & dwg package NB port cover	02AUG06*	0		223			0.00	0.00												
124-110	SPEA VV NB port cover	02AUG06	43	29SEP06	223			0.00	0.00												
124-120	Award VV NB port cover		0	29SEP06	223			0.00	0.00												
124-130	VV NB port cover Fabrication	02OCT06	65	10JAN07	223			0.00	73,924.32	41=\$53.92											
VV Heating/Cooling Tubing																					
123-030.0	Issue Proc Pkg for VV H/C Tubing WBS 123	16DEC05*	0		386			0.00	0.00												
123-030	Issue RFQ & Select Vendor VV H/C Tubing WBS	16DEC05	20	20JAN06	386			0.00	0.00												
123-036.9	Award H/C Tubing WBS 123		0	20JAN06	386			0.00	0.00												
123-037	Fabricate and Deliver H/C Tubing WBS 123	23JAN06	20	17FEB06	386			0.00	61,695.00	tubing = 30; brackets=15											
123-031	Title III engr WBS 122	16DEC05	220	31OCT06	743			0.00	9,504.07	Viola =08hr ; Goranson =48hr ;											
VV Heater Tape																					
122-012A	Issue Proc Pkg for VV Heater Tape	16NOV05	0		421			0.00	0.00												
122-012B	Issue RFQ &Select Vendor for Heater Tape	16NOV05	40	20JAN06	421			0.00	0.00												
122-012C	Award Heater Tape		0	20JAN06	421			0.00	0.00												
122-012D	Fabricate and Deliver Heater Tape	23JAN06	65	21APR06	421			0.00	0.00	41=\$?											
VV H/C Manifolds & Headers																					
123-130.0	Issue Proc Pkg for VV H/C Manifolds WBS 123	16DEC05	0		321			0.00	0.00												
123-130	Issue RFQ &Select Vendor VV H/C Manifold WBS	16DEC05	40	17FEB06	321			0.00	0.00												
123-136.9	Award H/C Manifolds WBS 123		0	17FEB06	321			0.00	0.00												

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VVSA-241	Production Panels Period #2 LOT 5	28JUN05A	69*	12SEP05A			100	240,000.00	240,000.00	48=\$240k												
121-125	S005243 #6-Second 1/3 of vsl plates formed		0	12SEP05A			100	0.00	0.00	Contract Milestone Payment \$200 (ref only)												
VVSA-251	Production Panels Period #3 LOT 6	28JUN05A	69*	16SEP05A			100	240,000.00	240,000.00	48=\$240k												
121-130	S005243 #7-Last 1/3 of vsl plates formed		0	16SEP05A			100	0.00	0.00	Contract Milestone Payment \$200 (ref only)												
VVSA-261	Port Ext, Misc HW Period #1 LOT 7	04APR05A	141*	17OCT05	328		80	0.00	0.00													
VVSA-271	Port Ext, Misc HW Period #2 LOT 8	04APR05A	165*	18NOV05	420		60	0.00	0.00													
VVSA-281	Port Ext, Misc HW Period #3 LOT 9	04APR05A	198*	04JAN06	508		50	0.00	0.00													
VVSA-291	Spacer & port Ext Fixture LOT 13	06JUN05A	100*	21OCT05	610		95	0.00	0.00													
First 120 deg segment																						
VVSA-301	1st 60 deg segment	10JUN05A	59*	12AUG05A			100	175,000.00	175,000.00													
VVSA-311	2nd 60 deg segment	23JUN05A	50*	15AUG05A			100	175,000.00	175,000.00													
VVSA-321	Join two pieces	15AUG05A	35	08SEP05A			100	50,000.00	50,000.00	48=\$400k												
121-135	S005243 #8-One VVSA fabricated		0	08SEP05A			100	0.00	0.00	Contract Milestone Payment \$375 (ref only)												
VVSA-331	Machine for Ports	08SEP05A	0*	23SEP05A				0.00	0.00													
VVSA-341	Weld Ports	18OCT05*	20*	14NOV05	328			0.00	0.00													
VVSA-351	Final Machine	06DEC05*	6*	13DEC05	328			0.00	0.00													
VVSA-361	Vacuum Test	15NOV05*	7*	23NOV05	328			0.00	0.00													
VVSA-371	Cut Off Ports	24NOV05*	8*	05DEC05	328			0.00	0.00													
VVSA-381	Inspect & Pack for Shipping LI#4	14DEC05*	5*	20DEC05	328			0.00	0.00													
VVSA-391	Receive at PPPL	21DEC05	3*	23DEC05	328			0.00	375,560.00	48=\$375.56k												
121-150	S005243 #11-Receipt/Acceptance of 1st VVSA		0	23DEC05*	328			0.00	0.00	Contract Milestone Payment\$375.56 (ref only)												
Second 120 deg segment																						
VVSA-401	60 deg segment	12AUG05A	36*	09SEP05A			100	0.00	0.00													
VVSA-411	60 deg segment	26AUG05A	31*	07OCT05	420		95	0.00	0.00													
VVSA-421	Join two pieces	10OCT05*	15*	28OCT05	420		10	0.00	405,000.00	48=\$405k												
121-140	S005243 #9-Second VVSA fabricated		0	28OCT05	420			0.00	0.00	Contract Milestone Payment\$350 (ref only)												
VVSA-431	Machine for Ports	31OCT05*	15*	18NOV05	420			0.00	0.00													
VVSA-441	Weld Ports	21NOV05*	25*	23DEC05	420			0.00	0.00													
VVSA-451	Final Machine	31JAN06*	10*	13FEB06	420			0.00	0.00													
VVSA-461	Vacuum Test	26DEC05	16*	16JAN06	420			0.00	0.00													
VVSA-471	Cut Off Ports	17JAN06*	10*	30JAN06	420			0.00	0.00													
VVSA-481	Inspect & pack for Shipping LI#4	14FEB06*	4*	17FEB06	420			0.00	0.00													
VVSA-491	Receive at PPPL	21FEB06	4	24FEB06*	419			0.00	375,000.00	48=\$375k												
121-155	S005243 #12-Receipt /Acceptance of 2nd VVSA		0	24FEB06*	419			0.00	0.00	Contract Milestone Payment 375 (ref only)												
Third 120 deg segment																						
VVSA-501	60 deg segment	30SEP05A	21*	28OCT05	528			0.00	0.00													
VVSA-511	60 deg segment	31OCT05*	5*	04NOV05	528			0.00	0.00													
VVSA-521	Join two pieces	07NOV05*	10*	18NOV05	528			0.00	375,000.00	48=\$375k												
121-145	S005243 #10-Third VVSA fabricated		0	18NOV05	528			0.00	0.00	Contract Milestone Payment\$350 (ref only)												
VVSA-531	Machine for Ports	21NOV05*	13*	07DEC05	528			0.00	0.00													

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FY05CV-5	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				120,000.00	120,000.00												
Job: 1350 TF Coil Fab Preparation-CHRZANOWSKI																					
1350-100	Design tooling & winding facility	01MAR05A	152*	31AUG05A			100	96,961.10	96,961.10												
1350-605	Install winding table	01JUN05A	50*	30JUN05A			100	24,655.80	24,655.80												
1350-100.1	Design tooling & winding facility	01SEP05A	43*	31OCT05	347		77*	38,160.91	49,050.02												
1350-500	Recondition turnkng fixture	21MAR05A	88*	30JUN05A			100	33,232.20	33,232.20												
1350-505	Winding Clamps	02MAY05A	130*	01NOV05	357		60	12,751.11	21,251.86												
1350-600	Build Cleanroom	28MAR05A	143*	14OCT05	369		95	41,955.23	44,291.53												
1350-510	Taping Machine Conditioning	03OCT05*	22	01NOV05	357			0.00	31,220.60												
1350-515	Winding mandrel	01JUL05A	86*	31OCT05	358		30	8,619.79	31,990.07												
1350-520	Misc tools & equipt	08SEP05A	69*	15DEC05	327		70	2,832.54	45,605.41												
1350-610	Setup copper delivery system	01NOV05*	15	21NOV05	343			0.00	11,240.32												
1350-615	Install taping machine	01NOV05*	15	21NOV05	343			0.00	11,240.32												
1351-089	Fab Lift Fixture	09DEC05	5	15DEC05	327			0.00	11,727.36												
1350-620	Complete setup of facility		0	15DEC05*	327			0.00	0.00												
1350-525	TF mold (2)	01NOV05*	44	11JAN06	347			0.00	123,390.00												
1351-080	Design Assy Fixture	03JAN06*	20	30JAN06	430			0.00	32,432.40												
1351-086	Fab/Assemble Fixture	31JAN06	19	24FEB06	430			0.00	43,708.00												
1351-088	Setup Wedge Casting Fixture & test	27FEB06	5	03MAR06	430			0.00	19,545.60												
FY05CV-7	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				135,000.00	135,000.00												
Job: 1351 - TF Coil Fabr Supplies-KALISH																					
TF Materials & Supplies																					
1301FD-72	TF Conductor Procurement Package approved	31MAY05A	5	31MAY05A			100	0.00	0.00												
1301FD-74	Prepare & issue TF Conductor RFP	31MAY05A	23*	03JUN05A			100	0.00	0.00												
1301FD-76	Evaluate bids and award TF conductor	06JUN05A	0*	30JUN05A			100	0.00	0.00												
1301FD-77	Award TF conductor		0	30JUN05A			100	0.00	0.00												
1351-529	Coil Supplies- Deliver Copper Conductor(PE005935	01JUL05A	75*	14OCT05	309		100	133,864.50	133,864.50												
1301FD-78	TF Wedge Plate procurement package approved	29JUL05A	5	29JUL05A			100	0.00	0.00												
1301FD-80	Prepare and Issue TF Wedge Plate RFP	12AUG05A	5	18AUG05A			100	0.00	0.00												
1301FD-82	Evaluate and award TF Wedge Plate Fabr	03OCT05	41*	30NOV05	390			0.00	0.00												
1351-85C	Award TF Castings		0	30NOV05	391			0.00	0.00												
1351-85D	Vendor Fab TF Castings	01DEC05	100	27APR06	391			0.00	271,458.00												
1351-525	Coil Supplies- Insulation	03OCT05	65	11JAN06	347			0.00	109,680.00												
1351-527	Coil Supplies- Epoxy	28APR06	388*	07NOV07	187			0.00	82,407.22												
1351-531	Coil Supplies- G-11 fillers (PE006162)	03OCT05	108*	13MAR06	271			0.00	89,115.00												
1351-533	Coil Supplies- Lead Blocks(pe6134 for copper)	03SEP05A	128*	13MAR06	271		M&S	32,025.00	53,322.27												

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1351-535	Coil Supplies- Safety & PPE equipt & supplies	03OCT05	88	13FEB06	291			0.00	10,968.00												
1351-537	Coil Supplies- Misc supplies	03OCT05	88	13FEB06	291			0.00	10,968.00												
1351-539	Coil Supplies- Primer**NOT REQ'D**)	03OCT05	1	03OCT05	378			0.00	0.00												
1351-541	VPI Supplies- Misc VPI supplies	12JAN06	88	15MAY06	271			0.00	10,968.00												
1351-543	VPI Supplies- Disposable VPI HW	08DEC05	107	15MAY06	271			0.00	83,167.08												
FY05CV-8	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				14,000.00	14,000.00												
Job: 1361 - TF Fabrication-CHRZANOWSKI																					
TF Fabrication Oversight																					
131-031	Title III engr (FDR through 1st coil test 75%)	14MAR06	78*	30JUN06	355			0.00	67,476.10												
131-032	Title III engr (completion of coils 10%)	02OCT06	285*	19NOV07	186			0.00	33,569.28												
131-033	Winding operations field oversight	01DEC05*	493*	19NOV07	476			0.00	26,015.14												
TF Braze Qualification																					
1351-512	Prepare braze samples	01NOV05*	15	21NOV05	298			0.00	10,256.00												
1351-513	Develop braze techniques	22NOV05	15	14DEC05	298			0.00	4,886.40												
1351-514	Braze conductor samples	15DEC05	15	12JAN06	298			0.00	4,886.40												
1351-515	Test brazed samples	13JAN06	15	02FEB06	298			0.00	10,256.00												
Conductor Prep																					
1351-547	Conductor Preparation	03JAN06*	21	31JAN06	311			0.00	27,363.84												
Coil Winding																					
1351-549	Wind Coil #1	14MAR06	33	27APR06	271			0.00	29,318.40												
1351-551	Wind Coil #2	02OCT06*	15	20OCT06	187			0.00	22,469.40												
1351-553	Wind Coil #3	23OCT06	15	10NOV06	187			0.00	16,644.00												
1351-555	Wind Coil #4	13NOV06	15	05DEC06	187			0.00	16,644.00												
1351-557	Wind Coil #5	06DEC06	15	03JAN07	187			0.00	6,657.60												
1351-559	Wind Coil #6	04JAN07	15	24JAN07	187			0.00	6,657.60												
1351-561	Wind Coil #7	25JAN07	15	14FEB07	187			0.00	6,657.60												
1351-563	Wind Coil #8	15FEB07	15	07MAR07	187			0.00	6,657.60												
1351-565	Wind Coil #9	08MAR07	15	28MAR07	187			0.00	6,657.60												
1351-567	Wind Coil #10	29MAR07	15	18APR07	187			0.00	6,657.60												
1351-569	Wind Coil #11	19APR07	15	09MAY07	187			0.00	6,657.60												
1351-571	Wind Coil #12	10MAY07	15	31MAY07	187			0.00	6,657.60												
1351-573	Wind Coil #13	01JUN07	15	21JUN07	187			0.00	6,657.60												
1351-575	Wind Coil #14	22JUN07	15	12JUL07	187			0.00	6,657.60												
1351-577	Wind Coil #15	13JUL07	15	02AUG07	187			0.00	6,657.60												
1351-579	Wind Coil #16	03AUG07	15	23AUG07	187			0.00	6,657.60												
1351-581	Wind Coil #17	24AUG07	15	13SEP07	187			0.00	6,657.60												
1351-583	Wind Coil #18	14SEP07	15	04OCT07	187			0.00	6,705.39												
Ground Wrap & Mold Application																					
1351-649	GW & Apply Mold Coil #1	28APR06	12	15MAY06	271			0.00	13,030.40												
1351-651	GW & Apply Mold Coil #2	23OCT06	7	31OCT06	231			0.00	9,986.40												

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1351-871	Warm Test Coil #12	09JUL07	2	10JUL07	196			0.00	499.32																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												</

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141-012	PF & CS Sprt PDR		0	22DEC06	167			0.00	0.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

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Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	Proposed PMB Budget																														
										FY06					FY07					FY08					FY09					FY10									
1416A-109	-Check and Promote	22DEC05	5	05JAN06	218			0.00	3,374.00	HORNLEM =20hr ;																													
1416A-113	MCWF mods-As-Built MCWF	01AUG05A	50*	07OCT05	269		50	6,200.00	12,400.00	HORNLEM =80hr ;																													
1416A-117	MCWF mods-Studs, Lead Block Mount	10OCT05*	5	14OCT05	264			0.00	6,748.00	HORNLEM =40hr ;																													
1416A-121	MCWF mods-Seal Groove Adapter	17OCT05*	5	21OCT05	259			0.00	6,748.00	HORNLEM =40hr ;																													
1416A-125	MCWF mods-Metrology Data Files	24OCT05*	3	26OCT05	256			0.00	3,374.00	HORNLEM =20hr ;																													
1416A-129	MCWF mods-Check and Promote	27OCT05	5	02NOV05	256			0.00	3,374.00	HORNLEM =20hr ;																													
1416A-133	Lead Block Assy-Lead Blocks	03OCT05*	20	28OCT05	225			0.00	13,496.00	HORNLEM =80hr ;																													
1416A-137	Lead Block Assy-Top and Side Plates	24OCT05*	20	18NOV05	210			0.00	13,496.00	HORNLEM =80hr ;																													
1416A-141	Lead Block Assy-Detail Parts, Intralink	21NOV05*	3	23NOV05	207			0.00	6,748.00	HORNLEM =40hr ;																													
1416A-145	Lead Block Assy-Filament Data Files	23NOV05*	5	01DEC05	203			0.00	3,374.00	HORNLEM =20hr ;																													
1416A-149	Lead Block Assy-Check and Promote	02DEC05	5	08DEC05	203			0.00	3,374.00	HORNLEM =20hr ;																													
1416A-153	Lead Terminals-Splice Plates	25OCT05*	3	27OCT05	226			0.00	3,374.00	HORNLEM =20hr ;																													
1416A-157	Lead Terminals-Check and Promote	28OCT05	5	03NOV05	226			0.00	3,374.00	HORNLEM =20hr ;																													
1416A-161	Side A Coil Assy-Cladding Asm	01SEP05A	42*	28OCT05	224	80		29,720.38	37,150.48	HORNLEM =230hr ;																													
1416A-165	Side A Coil Assy-Cond Layers, Geom Files	31OCT05*	5	04NOV05	244			0.00	6,748.00	HORNLEM =40hr ;																													
1416A-169	Side A Coil Assy-Magnetic Loops	10NOV05*	3	14NOV05	238			0.00	3,374.00	HORNLEM =20hr ;																													
1416A-173	Side A Coil Assy-Chill Plates and Tubing	31OCT05*	30	13DEC05	219			0.00	40,488.00	HORNLEM =240hr ;																													
1416A-177	Side A Coil Assy-Check and Promote	14DEC05	10	04JAN06	219			0.00	6,748.00	HORNLEM =40hr ;																													
1416A-181	Side B Coil Assy-Cladding Asm	01SEP05A	42*	28OCT05	224	80		31,177.92	38,972.40	HORNLEM =230hr ;																													
1416A-185	Side B Coil Assy-Cond Layers, Geom Files	01NOV05*	5	07NOV05	243			0.00	6,748.00	HORNLEM =40hr ;																													
1416A-189	Side B Coil Assy-Magnetic Loops	14NOV05*	3	16NOV05	236			0.00	3,374.00	HORNLEM =20hr ;																													
1416A-193	Side B Coil Assy-Chill Plates and Tubing	31OCT05*	30	13DEC05	219			0.00	41,774.40	HORNLEM =240hr ;																													
1416A-197	Side B Coil Assy-Check and Promote	14DEC05	10	04JAN06	219			0.00	6,748.00	HORNLEM =40hr ;																													
1416A-201	Coil Post VPI mods-Studs Removed	31OCT05*	3	02NOV05	251			0.00	3,374.00	HORNLEM =20hr ;																													
1416A-205	Coil Post VPI mods-Clamp Arrangement	03NOV05*	5	09NOV05	246			0.00	6,748.00	HORNLEM =40hr ;																													
1416A-209	Coil Post VPI mods-Check and Promote	10NOV05	5	16NOV05	246			0.00	3,374.00	HORNLEM =20hr ;																													
1416A-213	Clamp Assy-Clamp Hardware	24OCT05*	1	24OCT05	262			0.00	674.80	HORNLEM =04hr ;																													
1416A-217	Clamp Assy-Check and Promote	25OCT05	1	25OCT05	262			0.00	674.80	HORNLEM =04hr ;																													
1416A-221	I&C-Strain Gages and T/C	09DEC05*	3	13DEC05	224			0.00	3,374.00	HORNLEM =20hr ;																													
1416A-225	I&C-Rogowski Coils	02DEC05*	5	08DEC05	227			0.00	6,748.00	HORNLEM =40hr ;																													
1416A-229	I&C-Check and Promote	14DEC05	5	20DEC05	224			0.00	3,374.00	HORNLEM =20hr ;																													
1416A-233	Coil-to-Coil -Current Feed Insul, Covers	15NOV05*	5	21NOV05	238			0.00	3,374.00	HORNLEM =20hr ;																													
1416A-237	Coil-to-Coil -Windings Insul Blanket	10NOV05*	5	16NOV05	241			0.00	3,374.00	HORNLEM =20hr ;																													
1416A-241	Coil-to-Coil -Bushing Installation	18NOV05*	5	28NOV05	235			0.00	3,374.00	HORNLEM =20hr ;																													
1416A-245	Coil-to-Coil -Check and Promote	29NOV05	5	05DEC05	235			0.00	3,374.00	HORNLEM =20hr ;																													
1416A-249	-Type-A Coil Asm Specification	20DEC05*	5	03JAN06	210			0.00	6,748.00	HORNLEM =40hr ;																													
1416A-253	-Review and Approve Type-A Spec	04JAN06	5	10JAN06	210			0.00	3,374.00	HORNLEM =20hr ;																													
1416A-257	-Update Coil Fab Procedures	11JAN06	5	17JAN06	210			0.00	3,374.00	HORNLEM =20hr ;																													
1416A-261	-Prepare and Conduct FDR	18JAN06*	5	24JAN06	210			0.00	6,748.00	HORNLEM =40hr ;																													

Activity ID	Activity Description	Baseline Start	Duration (work days)	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	Proposed PMB Budget																																
										FY06					FY07					FY08					FY09					FY10											
1416A-262	TYPE A FDR		0	24JAN06	210			0.00	0.00																																
1416A-265	-Resolve FDR Comments	25JAN06	10	07FEB06	210			0.00	6,748.00																																
Winding and Assembly Design-Type B																																									
1416B-105	-Subasm Shrinkwrap	11APR06*	5	17APR06	208			0.00	6,748.00																																
1416B-109	-Check and Promote	18APR06	5	24APR06	208			0.00	3,372.31																																
1416B-113	MCWF mods-As-Built MCWF	03JAN06*	5	09JAN06	278			0.00	6,748.00																																
1416B-117	MCWF mods-Studs, Lead Block Mount	10JAN06*	5	16JAN06	273			0.00	6,748.00																																
1416B-121	MCWF mods-Seal Groove Adapter	18JAN06*	5	24JAN06	267			0.00	6,748.00																																
1416B-125	MCWF mods-Metrology Data Files	23JAN06*	3	25JAN06	266			0.00	3,372.31																																
1416B-129	MCWF mods-Check and Promote	26JAN06	5	01FEB06	266			0.00	3,372.31																																
1416B-133	Lead Block Assy-Lead Blocks	05DEC05*	20	09JAN06	249			0.00	13,492.63																																
1416B-137	Lead Block Assy-Top and Side Plates	05JAN06*	20	01FEB06	232			0.00	13,492.63																																
1416B-141	Lead Block Assy-Detail Parts, Intralink	10FEB06*	5	16FEB06	221			0.00	6,748.00																																
1416B-145	Lead Block Assy-Filament Data Files	06FEB06*	5	10FEB06	225			0.00	3,372.31																																
1416B-149	Lead Block Assy-Check and Promote	17FEB06	5	23FEB06	221			0.00	3,372.31																																
1416B-153	Lead Terminals-Splice Plates	26JAN06*	5	01FEB06	232			0.00	3,372.31																																
1416B-157	Lead Terminals-Check and Promote	02FEB06	5	08FEB06	232			0.00	3,372.31																																
1416B-161	Side A Coil Assy-Cladding Asm	14DEC05*	35	08FEB06	226			0.00	47,230.94																																
1416B-165	Side A Coil Assy-Cond Layers, Geom Files	30JAN06*	5	03FEB06	254			0.00	6,748.00																																
1416B-169	Side A Coil Assy-Magnetic Loops	03FEB06*	5	09FEB06	250			0.00	3,372.31																																
1416B-173	Side A Coil Assy-Chill Plates and Tubing	07FEB06*	45	10APR06	208			0.00	60,723.57																																
1416B-177	Side A Coil Assy-Check and Promote	11APR06	10	24APR06	208			0.00	6,748.00																																
1416B-181	Side B Coil Assy-Cladding Asm	14DEC05*	35	08FEB06	226			0.00	48,731.58																																
1416B-185	Side B Coil Assy-Cond Layers, Geom Files	30JAN06*	5	03FEB06	254			0.00	6,748.00																																
1416B-189	Side B Coil Assy-Magnetic Loops	03FEB06*	5	09FEB06	250			0.00	3,372.31																																
1416B-193	Side B Coil Assy-Chill Plates and Tubing	07FEB06*	45	10APR06	208			0.00	62,652.90																																
1416B-197	Side B Coil Assy-Check and Promote	11APR06	10	24APR06	208			0.00	6,748.00																																
1416B-201	Coil Post VPI mods-Studs Removed	31JAN06*	5	06FEB06	258			0.00	3,372.31																																
1416B-205	Coil Post VPI mods-Clamp Arrangement	03FEB06*	5	09FEB06	255			0.00	6,748.00																																
1416B-209	Coil Post VPI mods-Check and Promote	10FEB06	5	16FEB06	255			0.00	3,372.31																																
1416B-213	Clamp Assy-Clamp Hardware	25JAN06*	1	25JAN06	270			0.00	674.80																																
1416B-217	Clamp Assy-Check and Promote	26JAN06	1	26JAN06	270			0.00	674.80																																
1416B-221	I&C-Strain Gages and T/C	03MAR06*	5	09MAR06	235			0.00	3,372.31																																
1416B-225	I&C-Rogowski Coils	08MAR06*	5	14MAR06	232			0.00	6,748.00																																
1416B-229	I&C-Check and Promote	15MAR06	5	21MAR06	232			0.00	3,372.31																																
1416B-233	Coil-to-Coil -Current Feed Insul, Covers	23FEB06*	5	01MAR06	241			0.00	3,372.31																																
1416B-237	Coil-to-Coil -Windings Insul Blanket	20FEB06*	5	24FEB06	244			0.00	3,372.31																																
1416B-241	Coil-to-Coil -Bushing Installation	28FEB06*	5	06MAR06	238			0.00	3,372.31																																
1416B-245	Coil-to-Coil -Check and Promote	07MAR06	5	13MAR06	238			0.00	3,372.31																																

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										FY06			FY07			FY08			FY09			FY10
1416B-249	-Type-B Coil Asm Specification	11APR06*	5	17APR06	203			0.00	6,748.00	ORNLEM =40hr ;												
1416B-253	-Review and Approve Type-B Spec	18APR06	5	24APR06	203			0.00	3,372.31	ORNLEM =20hr ;												
1416B-257	-Update Coil Fab Procedures	25APR06	5	01MAY06	203			0.00	3,372.31	ORNLEM =20hr ;												
1416B-261	-Prepare and Conduct FDR	02MAY06*	5	08MAY06	203			0.00	6,748.00	ORNLEM =40hr ;												
1416B-262	TYPE B FDR		0	08MAY06	203			0.00	0.00													
1416B-265	-Resolve FDR Comments	09MAY06	10	22MAY06	203			0.00	6,748.00	ORNLEM =40hr ;												
Job:1408-Mod Coil Winding Supplies-CHRZANOWSKI																						
+ Prior Costs																						
		01APR03A	64	30SEP03A			100	29,790.00	29,790.00													
+ Copper Conductor																						
		02AUG04A	315	31OCT05	994		100	273,275.40	273,275.40													
+ Insulation for conductor																						
		09JUL04A	245	30JUN05A			100	26,901.00	26,901.00													
+ Groundwrap Insulation																						
		03JAN05A	41	28FEB05A			100	25,620.00	25,620.00													
Cladding																						
1408-501	Submet Requisition for Type C Cladding	03OCT05	1	03OCT05	201			0.00	0.00													
1408-503	Bid and Award Type C Cladding	04OCT05	20	31OCT05	201			0.00	0.00													
1408-505	PPPL Fabr Cladding Type C for Coil c1	01MAY05A	15	31MAY05A			100	3,586.65	3,586.65													
1408-507	PPPL Fabr Cladding Type C for Coil c2	01NOV05	15	21NOV05	979			0.00	3,838.80	41=\$2.8k												
1408-509	Fabr Cladding Type C for Coil c3	01NOV05	15	21NOV05	201			0.00	3,838.80	41=\$2.8k												
1408-511	Fabr Cladding Type C for Coil c4	22NOV05	15	14DEC05	201			0.00	3,838.80	41=\$2.8k												
1408-513	Fabr Cladding Type C for Coil c5	15DEC05	15	12JAN06	201			0.00	3,838.80	41=\$2.8k												
1408-515	Fabr Cladding Type C for Coil c6	13JAN06	15	02FEB06	202			0.00	3,838.80	41=\$2.8k												
1408-517	Submet Requisition for Type A Cladding	31OCT05	5	04NOV05	224			0.00	0.00													
1408-519	Bid and Award Type A Cladding	07NOV05	30	20DEC05	224			0.00	0.00													
1408-521	Fabr Cladding Type A for Coil a1	21DEC05	15	18JAN06	224			0.00	3,838.80	41=\$2.8k												
1408-523	Fabr Cladding Type A for Coil a2	19JAN06	15	08FEB06	229			0.00	3,838.80	41=\$2.8k												
1408-525	Fabr Cladding Type A for Coil a3	09FEB06	15	01MAR06	241			0.00	3,838.80	41=\$2.8k												
1408-527	Fabr Cladding Type A for Coil a4	02MAR06	15	22MAR06	252			0.00	3,838.80	41=\$2.8k												
1408-529	Fabr Cladding Type A for Coil a5	23MAR06	15	12APR06	252			0.00	3,838.80	41=\$2.8k												
1408-531	Fabr Cladding Type A for Coil a6	13APR06	15	03MAY06	252			0.00	3,838.80	41=\$2.8k												
1408-533	Submet Requisition for Type B Cladding	09FEB06	5	15FEB06	226			0.00	0.00													
1408-535	Bid and Award Type B Cladding	16FEB06	30	29MAR06	226			0.00	0.00													
1408-537	Fabr Cladding Type B for Coil b1	30MAR06	15	19APR06	226			0.00	3,838.80	41=\$2.8k												
1408-539	Fabr Cladding Type B for Coil b2	20APR06	15	10MAY06	258			0.00	3,838.80	41=\$2.8k												
1408-541	Fabr Cladding Type B for Coil b3	11MAY06	15	01JUN06	301			0.00	3,838.80	41=\$2.8k												
1408-543	Fabr Cladding Type B for Coil b4	02JUN06	15	22JUN06	304			0.00	3,838.80	41=\$2.8k												
1408-545	Fabr Cladding Type B for Coil b5	23JUN06	15	14JUL06	324			0.00	3,838.80	41=\$2.8k												
1408-547	Fabr Cladding Type B for Coil b6	17JUL06	15	04AUG06	367			0.00	3,838.80	41=\$2.8k												

Activity ID	Activity Description	Baseline Start	Duration (work days)	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	Proposed PMB Budget																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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	1408-629	Fabr Chill Plts Type A for Coil a5	02JUN06	20	29JUN06	270			0.00	3,838.80																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

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										FY06	FY07	FY08	FY09	FY10							
MCWF-211	C4-MTM - machining/inspection	07NOV05*	73*	27FEB06	143	5		7,745.50	154,910.00		48=155 ;										
MCWF-221	C4-Receive at PPPL		0	01MAR06	146			0.00	0.00												
MCWF-261	C5-MTK-casting	30MAY05A	123*	21NOV05	148	75		107,190.00	142,920.00		48=141 ;+2.11k heat treatment ecp34										
MCWF-271	C5-MTM - machining/inspection	22NOV05*	70	09MAR06	148	2		3,098.20	154,910.00		48=155 ;										
MCWF-281	C5-Receive at PPPL		0	13MAR06	158			0.00	0.00												
MCWF-291	C6-MTK-casting	16JUN05A	121*	07DEC05	134	65		92,898.00	142,920.00		48=141 ;+2.11k heat treatment ecp34										
MCWF-301	C6-MTM - machining/inspection	08DEC05	70	23MAR06	134			0.00	154,910.00		48=155 ;										
MCWF-311	C6-Receive at PPPL		0	27MAR06	164			0.00	0.00												
MCWF-111	A1-MTK-casting	22APR05A	116*	08SEP05A		100		143,110.00	143,110.00		48=141 ;+2.11k heat treatment ecp34										
MCWF-121	A1-MTM - machining/inspection	09SEP05A	93*	05MAY06	143	10		15,491.00	154,910.00		48=155 ;										
MCWF-131	A1-Receive at PPPL		0	10MAY06	143			0.00	0.00												
MCWF-171	A2-MTK-casting	17AUG05A	65	11JAN06	176	50		71,460.00	142,920.00		48=141 ;+2.11k heat treatment ecp34										
MCWF-181	A2-MTM - machining/inspection	28FEB06	70	06JUN06	143			0.00	154,910.00		48=155 ;										
MCWF-191	A2-Receive at PPPL		0	08JUN06	143			0.00	0.00												
MCWF-351	A3-MTK-casting	26SEP05A	96*	16FEB06	163	2		2,862.20	143,110.00		48=141 ;+2.11k heat treatment ecp34										
MCWF-361	A3-MTM - machining/inspection	10MAR06	70	16JUN06	148			0.00	154,910.00		48=155 ;										
MCWF-371	A3-Receive at PPPL		0	21JUN06	161			0.00	0.00												
MCWF-231	B1-MTK-casting	16SEP05A	111*	01MAR06	150	5		7,146.00	142,920.00		48=141 ;+2.11k heat treatment ecp34										
MCWF-241	B1-MTM - machining/inspection	24MAR06	80	17JUL06	134			0.00	154,910.00		48=155 ;										
MCWF-251	B1-Receive at PPPL		0	19JUL06	162			0.00	0.00												
MCWF-381	A4-MTK-casting	15DEC05*	75	06APR06	175			0.00	142,920.00		48=141 ;+2.11k heat treatment ecp34										
MCWF-391	A4-MTM - machining/inspection	08MAY06	70	15AUG06	154			0.00	154,910.00		48=155 ;										
MCWF-401	A4-Receive at PPPL		0	18AUG06	154			0.00	0.00												
MCWF-411	A5-MTK-casting	20JAN06*	75	04MAY06	166			0.00	142,920.00		48=141 ;+2.11k heat treatment ecp34										
MCWF-421	A5-MTM - machining/inspection	07JUN06	70	14SEP06	144			0.00	154,910.00		48=155 ;										
MCWF-431	A5-Receive at PPPL		0	19SEP06	144			0.00	0.00												
MCWF-441	A6-MTK-casting	20FEB06*	75	05JUN06	157			0.00	142,920.00		48=141 ;+2.11k heat treatment ecp34										
MCWF-451	A6-MTM - machining/inspection	19JUN06	70	26SEP06	148			0.00	155,000.00		48=155 ;										
MCWF-461	A6-Receive at PPPL		0	28SEP06	148			0.00	0.00												
MCWF-321	B2-MTK-casting	08MAR06*	75	21JUN06	151			0.00	142,920.00		48=141 ;+2.11k heat treatment ecp34										
MCWF-331	B2-MTM - machining/inspection	18JUL06	75	31OCT06	134			0.00	154,910.00		48=155 ;										
MCWF-341	B2-Receive at PPPL		0	02NOV06	134			0.00	0.00												
MCWF-471	B3-MTK-casting	23MAR06*	75	07JUL06	202			0.00	142,920.00		48=141 ;+2.11k heat treatment ecp34										
MCWF-481	B3-MTM - machining/inspection	16AUG06	70	22NOV06	175			0.00	154,910.00		48=155 ;										
MCWF-491	B3-Receive at PPPL		0	28NOV06	175			0.00	0.00												
MCWF-501	B4-MTK-casting	01MAY06*	75	15AUG06	192			0.00	142,920.00		48=141 ;+2.11k heat treatment ecp34										
MCWF-511	B4-MTM - machining/inspection	15SEP06	70	02JAN07	171			0.00	154,910.00		48=155 ;										
MCWF-521	B4-Receive at PPPL		0	04JAN07	171			0.00	0.00												
MCWF-531	B5-MTK-casting	01JUN06*	75	15SEP06	204			0.00	142,920.00		48=141 ;+2.11k heat treatment ecp34										

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Activity ID	Activity Description	Baseline Start	Duration (work days)	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	Proposed PMB Budget																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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P1-140	Instl Chl Plates,Tubing, Bag C5	26JUN06	12	12JUL06	131	2		0.00	34,856.32																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

Activity ID	Activity Description	Baseline Start	Duration (work days)	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	Proposed PMB Budget													
										FY06			FY07			FY08			FY09			FY10
P1-111V	VPI (Station 5) C2	20MAR06	12	04APR06	228			0.00	26,712.32	EM//TB = 328 hrs												
P2-111V	VPI (Station 5) C3	05MAY06	12	22MAY06	206			0.00	26,712.32	EM//TB = 328 hrs												
P3-111V	VPI (Station 5) C4	24MAY06	12	09JUN06	205			0.00	26,712.32	EM//TB = 328 hrs												
P1-141V	VPI (Station 5) C5	13JUL06	12	28JUL06	183			0.00	26,712.32	EM//TB = 328 hrs												
P2-021V	VPI (Station 5) A1	03AUG06	12	18AUG06	180			0.00	26,712.32	EM//TB = 328 hrs												
P3-021V	VPI (Station 5) A2	19SEP06	12	04OCT06	160			0.00	26,858.28	EM//TB = 328 hrs												
P3-051V	VPI (Station 5) A3	10OCT06	12	25OCT06	157			0.00	27,296.16	EM//TB = 328 hrs												
P1-051V	VPI (Station 5) B1	27NOV06	12	12DEC06	137			0.00	27,296.16	EM//TB = 328 hrs												
P3-141V	VPI (Station 5) A4	18DEC06	12	10JAN07	151			0.00	27,296.16	EM//TB = 328 hrs												
P1-081V	VPI (Station 5) A5	01MAR07	12	16MAR07	161			0.00	27,296.16	EM//TB = 328 hrs												
P2-141V	VPI (Station 5) B2	08FEB07	12	23FEB07	131			0.00	27,296.16	EM//TB = 328 hrs												
P2-081V	VPI (Station 5) B3	16APR07	12	01MAY07	141			0.00	23,218.38	EM//TB = 328 hrs												
P3-081V	VPI (Station 5) B4	07MAY07	12	22MAY07	154			0.00	23,218.38	EM//TB = 328hrs												
P2-171V	VPI (Station 5) B5	21JUN07	12	09JUL07	169			0.00	23,218.38	EM//TB = 328 hrs												
P2-051V	VPI (Station 5) C6	13JUL07	12	30JUL07	166			0.00	23,218.38	EM//TB = 328 hrs												
P1-171V	VPI (Station 5) A6	28AUG07	12	13SEP07	146			0.00	23,218.38	EM//TB = 328 hrs												
P3-171V	VPI (Station 5) B6	19SEP07	12	04OCT07	143			0.00	23,426.70	EM//TB = 328 hrs												
Station 1B Final Clamp Installation																						
P1-021C	Final Clamps & Warm Test (Station1) C1	17MAR06	9	29MAR06	253			0.00	12,378.88	EM//TB = 152 hrs												
P1-111C	Final Clamps & Warm Test (Station1) C2	05APR06	9	17APR06	249			0.00	12,378.88	EM//TB = 152hrs												
P2-111C	Final Clamps & Warm Test (Station1) C3	23MAY06	9	05JUN06	224			0.00	12,378.88	EM//TB = 152 hrs												
P3-111C	Final Clamps & Warm Test (Station1) C4	19JUN06	9	29JUN06	215			0.00	9,772.80	EM//TB = 120 hrs												
P1-141C	Final Clamps & Warm Test (Station1) C5	01AUG06	9	11AUG06	194			0.00	9,772.80	EM//TB = 120 hrs												
P2-021C	Final Clamps & Warm Test (Station1) A1	21AUG06	9	31AUG06	189			0.00	9,772.80	EM//TB = 120 hrs												
P3-021C	Final Clamps & Warm Test (Station1) A2	05OCT06	9	17OCT06	166			0.00	9,986.40	EM//TB = 120 hrs												
P3-051C	Final Clamps & Warm Test (Station1) A3	26OCT06	9	07NOV06	160			0.00	9,986.40	EM//TB = 120 hrs												
P1-051C	Final Clamps & Warm Test (Station1) B1	13DEC06	9	02JAN07	137			0.00	9,986.40	EM//TB = 120 hrs												
P3-141C	Final Clamps & Warm Test (Station1) A4	11JAN07	9	23JAN07	154			0.00	9,986.40	EM//TB = 120 hrs												
P1-081C	Final Clamps & Warm Test (Station1) A5	19MAR07	9	29MAR07	164			0.00	9,986.40	EM//TB = 120 hrs												
P2-141C	Final Clamps & Warm Test (Station1) B2	26FEB07	9	08MAR07	131			0.00	9,986.40	EM//TB = 120 hrs												
P2-081C	Final Clamps & Warm Test (Station1) B3	02MAY07	9	14MAY07	141			0.00	9,986.40	EM//TB = 120 hrs												
P3-081C	Final Clamps & Warm Test (Station1) B4	23MAY07	9	05JUN07	154			0.00	9,986.40	EM//TB = 120 hrs												
P3-171C	Final Clamps & Warm Test (Station1) B5	10JUL07	9	20JUL07	178			0.00	9,986.40	EM//TB = 120 hrs												
P2-051C	Final Clamps & Warm Test (Station1) C6	31JUL07	9	10AUG07	172			0.00	9,986.40	EM//TB = 120 hrs												
P1-171C	Final Clamps & Warm Test (Station1) A6	14SEP07	9	26SEP07	149			0.00	9,986.40	EM//TB = 120 hrs												
P2-171C	Final Clamps & Warm Test (Station1) B6	05OCT07	9	17OCT07	143			0.00	10,255.20	EM//TB = 120 hrs												
LOE Oversight & Supervision																						
171-000	Winding Preparations (LOE) FY05	01AUG05A	49*	30SEP05A				53,382.29	53,382.29													
171-040	Winding Oversight (LOE)	10OCT05	506*	17OCT07	143			0.00	656,707.24	EA/EM Chrzanowski @ 70%=2672 EA/EM Raftopolous @40%=1356												

Activity ID	Activity Description	Baseline Start	Duration (work days)	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	Proposed PMB Budget	FY06												FY07												FY08												FY09												FY10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

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Activity ID	Activity Description	Baseline Start	Duration (work days)	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	Proposed PMB Budget												
										FY06	FY07	FY08	FY09	FY10							
132-037	Coil Leads Procurement WBS 162	16OCT07*	60	17JAN08	303			0.00	314,186.10												
163 - Coil Protection System																					
163.001	Title I design WBS 163 Coil protection	02OCT06*	65	10JAN07	656			0.00	42,744.60												
163.011	Title II design WBS 163 Coil protection	11JAN07	40	07MAR07	656			0.00	42,744.60												
17 - Cryostat and Base Support Structure																					
Job:1701-Cryost&Base Sprt Strct Dsn-GETTLEFINGER																					
Prior Costs																					
1701-001	Apr-Sept MIE Costs PPPL	01APR03A	54	30SEP03A			100	12,180.00	12,180.00												
151-000	Adv Concep Design Cryostat shell & struct	01DEC03A	103*	31MAR04A			100	6,000.00	6,000.00												
151-001	Title I design WBS 171 cryostat	01APR04A	270*	29APR05A			100	125,850.61	125,850.61												
151-002	Cryostat PDR		0	29APR05A			100	0.00	0.00												
161-001	Title I design WBS 172 base support struct	01APR04A	395*	26OCT05	504	90		44,979.23	49,976.92												
151-003	Base Support Struct PDR		0	26OCT05*	504			0.00	0.00												
161-011	Final Design Base Support Structure WBS 172	02OCT06*	45	05DEC06	273			0.00	66,050.80												
172-199	Base Support Structure FDR		0	05DEC06	273			0.00	0.00												
151-011	Final Design Cryostat WBS 171	25JUL05A	231*	22JUN07	175	2		4,754.00	237,699.79												
171-199	Cryostat FDR		0	22JUN07	175			0.00	0.00												
FY05CV-27	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				178,000.00	178,000.00												
Job: 1751 - Cryostat Procurement																					
171 - Cryostat																					
151-031	Title III engr	25JUN07	405	28JAN09	175			0.00	33,260.63												
151-036.8	Prep Spec, Solicit bids, and Select Vendor	25JUN07	65	25SEP07	175			0.00	0.00												
151-036.9	Award Cryostat Procurement		0	01OCT07*	242			0.00	0.00												
151-037	Cryostat Procurement [A/1]	02OCT07	141	25APR08	242			0.00	507,236.35												
Job: 1752 - Base Support Structure Procurement																					
172 - Base Support Structure																					
161-031	Title III engr WBS 172	06FEB07	240	22JAN08	438			0.00	10,726.43												
161-036.8	Prep Spec, Solicit bids, and Select Vendor	06FEB07*	65	07MAY07	235			0.00	0.00												
161-036.9	Award Machine Base&supports Procurement		0	07MAY07	235			0.00	0.00												
161-037	Machine Base&supports Procurement [A/1]	08MAY07	90	13SEP07	235			0.00	300,678.83												
18 - Field Period Assembly																					
Job: 1801-Field Period Assly -CHRZANOWSKI (ORNL)																					
Prior Costs																					
1801-001	Apr-Sept MIE Costs PPPL	01APR03A	42	30SEP03A			100	7,750.00	7,750.00												
1801-002	Apr-Sept MIE Costs ORNL	01APR03A	42	30SEP03A			100	53,050.00	53,050.00												
Job: 1802 - FP Assy Oversight&Support-VIOLA																					
Oversight and Supervision																					
181.200	HP Coverage in the TFTR TC LOE FY04	02FEB04A	171*	30SEP04A			LOE	61,119.60	61,119.60												
181.201	D-Site Shift Supervisor LOE FY04	01JUL04A	64*	30SEP04A			LOE	25,920.40	25,920.40												
181.210	HP Coverage in the TFTR TC LOE FY05	01OCT04A	249*	30SEP05A			LOE	136,539.00	136,539.00												
181.222	HP Coverage in the TFTR TC LOE FY06	03OCT05*	250*	02OCT06	760			0.00	147,328.84												

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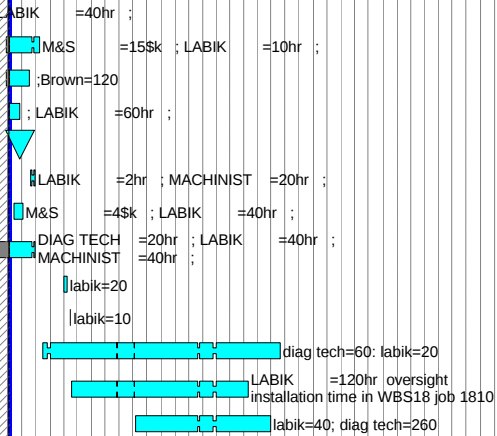
Activity ID	Activity Description	Baseline Start	Duration (work days)	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	Proposed PMB Budget																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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1803-3.03	MC Gantry Crane - model design and drawing detai	29NOV04A	40*	31JAN05A			100	14,265.00	14,265.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								</

Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	Proposed PMB Budget												
										FY06				FY07				FY08			
1803-4.08	PDR Final FP Assy	28FEB06	1	28FEB06*	369			0.00	0.00												
1803-4.081	FDR Final FP Assy	11APR06	1	11APR06*	340			0.00	0.00												
1803-4.10A	Prep & Issue Spec,dwgs,and req-pltfrm&sprts	09OCT06*	10	20OCT06	214			0.00	0.00												
1803-4.13	FAB-TF Support Stands (1)	23OCT06	65	31JAN07	214			0.00	13,230.15												
5.00-Final FP Assembly																					
1803-4.02	MC Support Stand - model design and drawing deta	01APR05A	89*	31MAY05A			100	14,265.00	14,265.00												
1803-5.001	Concept definition and requirements	02MAY05A	10	31MAY05A			100	10,704.00	10,704.00												
1803-4.04	FP Assembly platform - model design drawing det	01AUG05A	65*	30SEP05A			100	21,397.50	21,397.50												
1803-5.003	MC support stand	06MAR06*	25*	07APR06	261			0.00	0.00												
1803-5.004	Structural Analysis	17MAY06*	8*	26MAY06	254			0.00	13,924.80												
1803-5.005	PDR	30MAY06	5	05JUN06*	254			0.00	0.00												
1803-5.006	FDR	05JUL06	5	11JUL06*	234			0.00	0.00												
1803-5.007	Pre & Issue Specs and Dwgs	12JUL06	5	18JUL06	234			0.00	0.00												
1803-5.008	Procurement Lead Time	19JUL06	40	12SEP06	234			0.00	0.00												
1803-5.009	Fabricate	02OCT06*	65	10JAN07	221			0.00	52,714.95												
1803-5.100	FP Assy Platform	10APR06*	20*	05MAY06	261			0.00	0.00												
1803-5.200	Metrology layout/support stand dwgs	08MAY06*	5*	12MAY06	264			0.00	0.00												
6.00-Interface/Test Activities																					
1803-5.01	Finalize TFTR test cell FPA assembly layout draw	01JUN05A	42*	29JUL05A			100	9,066.40	9,066.40												
1803-5.03	Design MC assy test components	01JUN05A	25*	30JUN05A			100	32,112.00	32,112.00												
1803-5.04	Fab - Test Articles	01JUL05A	65*	30SEP05A			100	19,215.00	19,215.00												
1803-5.02A	Generate as built spherical seat dwg	04NOV05*	8*	15NOV05	422			0.00	0.00												
1803-5.05	Run test/metrology measurements	01NOV05*	26*	08DEC05	968			0.00	0.00												
1803-5.02	TFTR Test Cell FPA arrgmt dwg	05JUN06*	15*	23JUN06	834			0.00	0.00												
7.00-Oversight																					
1803-7.01	Meetings Prep and Reporting	01NOV04A	230*	30SEP05A			LOE	114,037.05	114,037.05												
1803-7.02	Develop and maintain concept definition document	01NOV04A	230*	30SEP05A			LOE	9,915.00	9,915.00												
1803-7.03	Develop and maintain assembly plan document	01NOV04A	349*	30SEP05A			LOE	9,254.00	9,254.00												
1803-7.04	Mike Cole's FY05 on-site involvement in assembly	01NOV04A	230*	30SEP05A			LOE	24,800.00	24,800.00												
1803-7.10	Tom Brown Engineering	03OCT05*	250*	29SEP06	765			0.00	189,377.28												
1803-7.20	Design Activity	03OCT05*	250*	29SEP06	765			0.00	149,999.85												
Tooling Design & Fabrication																					
713A.040	General procurements	02OCT06*	498	26SEP08	263			0.00	10,410.00												
713A.050	Welding tools, materials & equipt	02OCT06*	498	26SEP08	263			0.00	10,410.00												
713A.060	Instl He gas piping from NSTX to D-site tc NOT R	02OCT06*	65	10JAN07	270			0.00	0.00												
FY05CV-29	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-148,000.00	-148,000.00												
Job: 1804-FP Assy Measurement Sys-RAFTOPOULOS																					
Metrology																					
740.010	Final Design Measurement systems	19JAN04A	181*	30SEP04A			LOE	26,000.00	26,000.00												

Activity ID	Activity Description	Baseline Start	Duration (work days)	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	Proposed PMB Budget																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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S1P3-102	Mount VV on VV Prep fixture (top side up)	07FEB07	1	07FEB07	278			0.00	998.64																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

Activity ID	Activity Description	Baseline Start	Duration (work days)	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	Proposed PMB Budget										
										FY06		FY07		FY08		FY09		FY10	
S4P1-108	Change platforms	09JUL07	2	10JUL07	134			0.00	5,326.08										
S4P1-109	Position, weld two large horizontal diag ports	11JUL07	8	20JUL07	134			0.00	15,978.24										
S4P1-110	Inspect Welds	23JUL07	1	23JUL07	134			0.00	1,331.52										
S4P1-111	Assemble external trim coils to TF Coil	18JUL07	15	07AUG07	123			0.00	19,972.80										
S4P1-112	Close up VV, leak check	08AUG07	10	21AUG07	123			0.00	53,260.80										
S4P1-113	Adjust final support base interfaces	22AUG07	10	04SEP07	123			0.00	3,994.56										
S4P1-113.5	Final metrology outside & inside	05SEP07	10	18SEP07	123			0.00	0.00										
S4P1-114	Prepare Field Period for shipment	19SEP07	2	20SEP07	123			0.00	3,994.56										
S4P1-115	Transfer completed assy to C-site test cell	21SEP07	2	24SEP07	123			0.00	6,657.60										
Stage 4 - Final FP Assy (Instl ports & TF's)FP#2																			
S4P2-101	Mount MC/VV assembly to support frame a	25SEP07	2	26SEP07	123			0.00	3,994.56										
S4P2-102	Position and weld all ports to VV	27SEP07	20	24OCT07	123			0.00	81,826.56										
S4P2-103	Inspect Welds	25OCT07	5	31OCT07	123			0.00	6,836.80										
S4P2-104	Assemble left TF Coil Assembly check position	01NOV07	3	05NOV07	123			0.00	8,204.16										
S4P2-105	Change platforms	06NOV07	2	07NOV07	123			0.00	4,102.08										
S4P2-106	Assemble right TF Coil Assembly chk position	08NOV07	3	12NOV07	123			0.00	8,204.16										
S4P2-107	Attach TF coils to MC's	13NOV07	3	15NOV07	123			0.00	6,153.12										
S4P2-108	Change platforms	16NOV07	2	19NOV07	123			0.00	5,469.44										
S4P2-109	Position, weld two large horizontal diag ports	20NOV07	8	03DEC07	123			0.00	16,408.32										
S4P2-110	Inspect Welds	04DEC07	1	04DEC07	123			0.00	1,367.36										
S4P2-111	Assemble external trim coils to TF Coil	13NOV07	10	26NOV07	127			0.00	20,510.40										
S4P2-112	Close up VV, leak check	05DEC07	10	18DEC07	123			0.00	54,694.40										
S4P2-113	Adjust final support base interfaces	19DEC07	10	10JAN08	123			0.00	4,102.08										
S4P2-113.5	Final metrology outside & inside	11JAN08	10	24JAN08	123			0.00	0.00										
S4P2-114	Prepare Field Period for shipment	25JAN08	2	28JAN08	123			0.00	4,102.08										
S4P2-115	Transfer completed assy to C-site test cell	29JAN08	2	30JAN08	123			0.00	6,836.80										
Stage 4 - Final FP Assy (Instl ports & TF's)FP#3																			
S4P3-101	Mount MC/VV assembly to support frame a	31JAN08	2	01FEB08	123			0.00	4,102.08										
S4P3-102	Position and weld all ports to VV*2 shift*	04FEB08	20	29FEB08	123			0.00	82,041.60										
S4P3-103	Inspect Welds	03MAR08	5	07MAR08	123			0.00	6,836.80										
S4P3-104	Assemble left TF Coil Assembly check position	10MAR08	3	12MAR08	123			0.00	8,204.16										
S4P3-105	Change platforms	13MAR08	2	14MAR08	123			0.00	4,102.08										
S4P3-106	Assemble right TF Coil Assembly chk position	17MAR08	3	19MAR08	123			0.00	8,204.16										
S4P3-107	Attach TF coils to MC's	20MAR08	3	24MAR08	123			0.00	6,153.12										
S4P3-108	Change platforms	25MAR08	2	26MAR08	123			0.00	5,469.44										
S4P3-109	Position, weld two large horizontal diag ports	27MAR08	8	07APR08	123			0.00	16,408.32										
S4P3-110	Inspect Welds	08APR08	1	08APR08	123			0.00	1,367.36										
S4P3-111	Assemble external trim coils to TF Coil	20MAR08	10	02APR08	127			0.00	20,510.40										
S4P3-112	Close up VV, leak check	09APR08	10	22APR08	123			0.00	54,694.40										
S4P3-113	Adjust final support base interfaces	23APR08	10	06MAY08	123			0.00	4,102.08										

Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	Proposed PMB Budget												
										FY06				FY07				FY08			
2501-014.1	FY04 work closeout *TBD*	01JUL04A	64*	30SEP04A			LOE	48,614.06	48,614.06												
Prior Costs																					
2501-001	Apr-Sept MIE Cost	01APR03A	43*	30SEP03A			100	123,000.00	123,000.00												
Refurbishment**CD-3 deleted scope																					
25-099	FY04 work accomplished	01MAR04A	846*	30JUN04A				21,384.62	21,384.62												
Re-Install Beamline**CD-3 deleted scope																					
25-190.1	33) Fabr BL alignment measur fixture,	01JUN04A	699*	30JUN04A				2,060.33	2,060.33												
Re-Install Cables**CD-3 deleted scope																					
25-225.1	Cabling-Design & WP Procedures	01APR04A	872*	30JUN04A				4,812.60	4,812.60												
25-230.1	Cabling-Fabr and Install new Junction Box	02JUN04A	190	30JUN04A				727.68	727.68												
Beamline Connections**CD-3 deleted scope																					
25-310.1	Drafting Labor Support	01JUN04A	298	30JUN04A				2,433.60	2,433.60												
3 - Diagnostics																					
31 - Magnetic Diagnostics																					
Job: 3101 Magnetic Diagnostics																					
Vacuum Vessel Saddle Loops																					
3101-105	DEVELOP LOCATING, MOUNTING STRATEGY	01JAN05A	20	31JAN05A			100	1,000.00	1,000.00												
3101-109	INTEGRATE LOOP AND LEAD DESIGN WITH H/C	01JAN05A	40	28FEB05A			100	6,416.80	6,416.80												
3101-113	INTEGRATE LAYOUT, MEAS NEEDS W/ VSL	01JAN05A	40	28FEB05A			100	3,208.40	3,208.40												
3101-117	DEVELOP CONSTRAINTS FOR ARRAY LAYOUT	01JAN05A	20	31JAN05A			100	0.00	0.00												
3101-121	LAYOUT CANDIDATE SENSOR ARRAY ON PRO-E	01FEB05A	20	28FEB05A			100	0.00	0.00												
3101-125	PDR PREP -VESSEL SADDLE LOOP MOUNTING	02MAY05A	5	31MAY05A			100	9,483.60	9,483.60												
3101-126	PEER REVIEW -VESSEL SADDLE LOOP		0	31MAY05A			100	0.00	0.00												
3101-129	DESIGN AND PROTOTYPE SADDLE LOOP	01MAR05A	107*	29JUL05A			100	7,643.52	7,643.52												
3101-133	Prototype loops on vsl proto segment using ARI	01MAR05A	107*	29JUL05A			100	6,189.20	6,189.20												
3101-137	FINAL OPTIMIZATION OF LOOP LOCATION, AREA	01JAN05A	193*	30SEP05A			100	0.00	0.00												
3101-149	PREPARE METROLOGY	01JUN05A	87*	31AUG05A			100	6,416.80	6,416.80												
3101-145	Procure MI Cable	26SEP05A	53*	09DEC05	154	15		3,525.34	22,041.84												
3101-139	Develop ProE model of loops, flat dev, fiducials	26SEP05A	37*	15NOV05	983	15		3,111.65	20,744.34												
3101-141	FDR PREP- VESSEL SADDLE LOOPS	03OCT05*	20*	28OCT05	356			0.00	10,410.60												
3101-142	FDR - VESSEL SADDLE LOOPS		0	28OCT05	356			0.00	0.00												
3101-153	Fab Installation Templates	21NOV05*	6*	30NOV05	363			0.00	2,911.02												
3101-146	Procure remaining materials	14OCT05*	13*	01NOV05	424			0.00	12,424.40												
3101-157	Design & fab tooling and clamps	01JUN05A	128*	30NOV05	363	40		5,046.82	12,617.04												
3101-167	Design voltage loop connections	02FEB06*	5	08FEB06	416			0.00	3,470.20												
3101-169	Voltage loop connection peer review	15FEB06*	1	15FEB06	412			0.00	1,735.10												
3101-165	Identify lead wires at multiple locations	15DEC05*	357*	21MAY07	607			0.00	8,437.42												
3101-161	SUPT LOOP INSTL 200 LOOPS), TESTING	17FEB06	266*	09MAR07	278			0.00	21,004.15												
3101-225	Terminate saddle loops	07JUL06	205*	01MAY07	278			0.00	28,546.38												
Modular Coil C-wound Loops																					
3101-205	MOUNTING/LOCATING STRATEGY MC	01JAN05A	20	31JAN05A			100	3,208.40	3,208.40												



Activity ID	Activity Description	Baseline Start	Duration (work days)	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	Proposed PMB Budget												
										FY06	FY07	FY08	FY09	FY10							
3101-209	PROTOTYPE ON TWISTED RACETRACK	01MAR05A	20	31MAR05A			100	4,741.80	4,741.80												
3101-213	DESIGN TERMINATION	01MAR05A	130*	31AUG05A			100	7,302.40	7,302.40	LABIK	=20hr ; MECH DESIGN	=40 ;									
3101-221	PROCURE MATERIALS	25JUL05A	0*	29JUL05A			100	6,410.90	6,410.90												
3101-217	Peer review of lead routing	04NOV05*	2	07NOV05	176			0.00	3,470.20	LABIK	=20hr ;										
3101-230	Install heat shrink tubing on MI cable	12DEC05*	10	23DEC05	154			0.00	8,598.20	LABIK	=20hr ; jurczynski=40										
3101-229	SUPPORT NSTALLATION, TERMINATION,	10NOV05	389*	04JUN07	147			0.00	7,005.48												
3101-231	Terminate MC co-wound loops	14MAY07	159*	03JAN08	142			0.00	11,521.78												
Rogowski Coils																					
3101-301	LAYOUT LOCATION ROWGOSKI COIL &EST COIL	01JUN05A	108*	31OCT05	447	80		3,853.23	4,816.53	STRATTON	=10hr ; LABIK	=20hr ;									
3101-305	work on coil design with vendor	03OCT05*	41*	30NOV05	395			0.00	3,470.20	LABIK	=20hr ;										
3101-309	DESIGN COIL MOUNTING TECHNIQUE	26SEP05A	57*	15DEC05	395	80		2,710.71	3,388.39	LABIK	=20hr ;										
3101-313	DESIGN LEAD ROUTING AND TERMINATION	03JAN06*	21*	31JAN06	389			0.00	3,470.20	LABIK	=20hr ;										
3101-317	PDR PREP- ROWGOWSKI COIL	01FEB06*	11*	15FEB06	389			0.00	5,126.10	STRATTON	=10hr ; LABIK	=20hr ;									
3101-318	PDR - ROWGOWSKI COIL		0	28FEB06*	380			0.00	0.00												
3101-321	Specify Rogowski Coils	01MAR06*	11*	15MAR06	380			0.00	3,470.20	LABIK	=20hr ;										
3101-325	FDR PREP ROWGOSKI COIL	16MAR06*	12*	31MAR06	380			0.00	3,470.20	LABIK	=20hr ;										
3101-326	FDR - ROWGOSKI COIL		0	31MAR06	380			0.00	0.00												
3101-329	FAB ROWGOWSKI COILS (2)	03APR06	21*	01MAY06	380			0.00	24,035.20	M&S	=15\$k ; LABIK	=20hr ;									
3101-337	INSTALL COILS AND TERMINATIONS	14MAY07	159*	03JAN08	142			0.00	4,422.73												
TF Co-wound Loops																					
3101-401	MOUNTING/LOCATING TECHNIQUE TF	25JUL05A	28*	31AUG05A		100		6,275.20	6,275.20	STRATTON	=20hr ; LABIK	=20hr ;									
3101-405	DESIGN TERMINATION N/R	03OCT05	1	03OCT05	400			0.00	0.00												
3101-409	FINALIZE LOOP LOCATION/MOUNTING	01AUG05A	20	31AUG05A		100		6,416.80	6,416.80	LABIK	=40hr ;										
3101-413	FDR PREP- TF CO-WOUND LOOPS	28NOV05*	3*	30NOV05	363			0.00	6,940.40	LABIK	=40hr ;										
3101-414	FDR - TF CO-WOUND LOOPS		0	05DEC05*	360			0.00	0.00												
3101-417	PROCURE MATERIALS	06DEC05	8*	15DEC05	360			0.00	10,325.20	M&S	=05\$k ; LABIK	=20hr ;									
3101-425	INSTALL TF CO-WOUND LOOPS	28APR06	371*	15OCT07	187			0.00	0.00												
3101-429	INSTALL TERMINATIONS	14MAY07	159*	03JAN08	142			0.00	8,626.00												
Modular Coil Shell Saddle Loops																					
3101-501	DETERMINE NUMEBR AND LOCATION OF LOOPS	03OCT05*	59*	03JAN06	286			0.00	6,623.60	STRATTON	=40hr ;										
3101-505	MOUNTING/LOCATING TECHN MC SHELL	04JAN06*	20*	31JAN06	286			0.00	6,782.00	STRATTON	=20hr ; LABIK	=20hr ;									
3101-509	PROTOTYPE MC SHELL SADDLE LOOPS N/R	03OCT05	1	03OCT05	323			0.00	0.00												
3101-513	PDR PREP -MC SHELL SADDLE LOOPS	01NOV05*	12*	16NOV05	303			0.00	5,126.10	STRATTON	=10hr ; LABIK	=20hr ;									
3101-514	PDR-MC SHELL SADDLE LOOPS		0	16NOV05	303			0.00	0.00												
3101-521	FINALIZE LOOP LOCATION/MOUNTING	17NOV05*	8*	30NOV05	303			0.00	10,252.20	LABIK	=40hr ; stratton=20										
3101-525	FDR PREP - MC SHELL SADDLE LOOPS	01DEC05*	11*	15DEC05	303			0.00	6,940.40	LABIK	=40hr ;										
3101-526	FDR - MC SHELL SADDLE LOOPS		0	15DEC05	303			0.00	0.00												
3101-529	PROCURE MATERIALS	03JAN06*	10*	16JAN06	297			0.00	10,325.20	M&S	=05\$k ; LABIK	=20hr ;									
3101-533	INSTALL MC SHELL SADDLE LOOPS	17MAR06	403*	17OCT07	142			0.00	7,045.88												
3101-537	INSTALL TERMINATIONS	14MAY07	120	29OCT07	181			0.00	8,579.45												

Activity ID	Activity Description	Baseline Start	Duration (work days)	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	Proposed PMB Budget												
										FY06	FY07	FY08	FY09	FY10							
FY05CV-35	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				69,000.00	69,000.00												
44 - Control and protection Systems																					
Job: 4401 - Control & Protection-RAMAKRISHNAN																					
441 - Electrical Interlocks																					
441-095	Design Interlock sys	03OCT06*	118	27MAR07	224			0.00	32,679.20												
441-097	Install Interlock sys	28MAR07	119	13SEP07	309			0.00	29,272.00												
441-100	PLC Specification	28MAR07	85	26JUL07	224			0.00	14,118.32												
441-105	Prep Block diagrams	28MAR07	85	26JUL07	224			0.00	17,224.40												
441-110	PLC CWD's & Cabling	27JUL07*	85	23NOV07	224			0.00	22,685.24												
441-115	deliver PLC	27JUL07*	85	23NOV07	472			0.00	70,250.00												
441-120	Program PLC Logic	26NOV07	45	06FEB08	427			0.00	23,004.80												
441-125	Program Control pages	26NOV07	97	18APR08	375			0.00	24,097.84												
441-130	Pre-commissioning tests	14SEP07	214	23JUL08	309			0.00	24,377.02												
441-135	Install I/O Cabling	26NOV07	248	20NOV08	224			0.00	119,268.19												
442 - Kirk Key Interlocks																					
442-1-2	Kirk Keys-Dsn	02OCT06*	41	29NOV06	290			0.00	16,339.60												
442-1-4	Kirk Keys-Procure	30NOV06	158	19JUL07	290			0.00	13,710.00												
442-1-6	Kirk Keys-Install	20JUL07	40	14SEP07	290			0.00	44,123.84												
442-1-8	Kirk Keys-Commission	01OCT07	30	09NOV07	290			0.00	7,202.24												
443 - Real Time Control Systems																					
443-1-2	Develop Control Algorithms-Dsn	23APR07*	142	09NOV07	274			0.00	13,819.68												
444 - Instrument Systems																					
444-2-2	DC Potential Transducers (DCPTs)-Dsn	02OCT06*	95	21FEB07	466			0.00	11,224.08												
444-2-4	DC Potential Transducers (DCPTs)-Procure	22FEB07	109	26JUL07	466			0.00	8,226.00												
444-2-6	DC Potential Transducers (DCPTs)-Install	27JUL07	51	08OCT07	466			0.00	19,328.29												
444-2-8	DC Potential Transducers (DCPTs)-Commission	09OCT07	40	05DEC07	466			0.00	12,588.60												
444-3-2	DC Shunts-Dsn	02OCT06*	122	30MAR07	463			0.00	16,339.60												
444-3-4	DC Shunts-Procure	02APR07	101	22AUG07	463			0.00	61,695.00												
444-3-6	DC Shunts-Install	23AUG07	51	02NOV07	463			0.00	55,304.86												
444-3-8	DC Shunts-Commission	05NOV07	24	10DEC07	463			0.00	17,754.00												
444-4-2	Signal Conditioning & Cabling-Dsn	01JUL05A	165*	28FEB07	454	8		3,365.94	42,074.20												
444-4-4	Signal Conditioning & Cabling-Procure	01JUL05A	511*	18JUL07	454	8		1,282.03	16,025.33												
444-4-6	Signal Conditioning & Cabling-Install	15AUG07	68	19NOV07	454			0.00	27,988.59												
444-4-8	Signal Conditioning & Cabling-Commission	20NOV07	22	21DEC07	454			0.00	17,226.72												
445 - Coil Protection Systems																					
445-1-2	Ground Fault Protection-Dsn	02OCT06*	82	02FEB07	407			0.00	34,815.60												
445-1-4	Ground Fault Protection-Procure	27NOV06*	130	05JUN07	321			0.00	24,678.00												
445-1-6	Ground Fault Protection-Install	06JUN07*	40	01AUG07	321			0.00	23,142.56												

Run Date 03NOV05 10:29



EC39

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Activity ID	Activity Description	Baseline Start	Duration (work days)	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	Proposed PMB Budget																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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714.020	LOE FY06 prior to assy starting	02OCT06*	187*	02JUL07	574			0.00	53,510.98																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	Proposed PMB Budget													
										FY06			FY07			FY08			FY09			FY10
7502-004	Install 120v panels in test cell	01SEP05A	0*	30SEP05A			100	0.00	0.00	etc=\$21.6 unloaded;\$27.67 loaded												
7502-010	Ready Rooms (under control room) 110v outlets	02OCT06*	65	10JAN07	570			0.00	10,480.00	EM//SM =80hr ;												
7502-011	Cable Removal in test cell (S04335-32)	01OCT03A	0*	31OCT03A			100	9,937.20	9,937.20													
7502-025	TC Floor penetration covers	03NOV03A	42	26NOV03A			100	16,848.00	16,848.00													
EXFAC001.2	Complete Crane Modifications (S04354)	02FEB04A	0*	30JAN04A			100	37,608.48	37,608.48													
FY05CV-40	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				178,000.00	178,000.00													
75 - Test Cell and Basement Assembly Operations																						
7501 - Construction Support Crew																						
7501-05	Construction Support Crew during machine assy	01OCT07*	260	13OCT08	164			0.00	861,133.69	Work Control Center em//sm=2467 (1fte) Tool Crib Control em//tb=1234 (5 fte) Crane Operator & support em//tb=2468 (1.0 fte) Forklift Operator & support em//tb=2468 (1.0 fte)												
7501-06	Construction Support Crew during e-beam mapping	24DEC08*	41	18FEB09	160			0.00	99,199.62	em//tb=1087 support techs (4 fte)												
7501-07	Construction Support Crew during cryostat instl	15OCT08*	40	09DEC08	211			0.00	103,081.21	Work Control Center em//sm=277 (1 fte) Tool Crib Control em//tb=139 (5 fte) Crane Operator & support em//tb=277 (1 fte) Forklift Operator & support em//tb=277 (1 fte)												
7502 - Test Cell Facility Preparations																						
7502-020	Resurface TC floor	11JAN07*	42	09MAR07	570			0.00	34,670.00	ee//tb=160; M&S=\$10k												
7502-030	TC Floor firesealing	12MAR07	42	08MAY07	570			0.00	15,720.00	ee//tb=120;												
7502-035	Control room firesealing	09MAY07	42	09JUL07	570			0.00	24,190.00	ee//tb=80 M&S=10												
7503 - Machine Assembly																						
Revised Assembly Logic (ecp18)																						
7503-010	Begin Assembly Activities	01OCT07*	0		164			0.00	0.00	EA//EM =60hr ; EM//TB =480hr ; EM//SM =120hr ;												
7503-020	Install & Level Support Base Plates	01OCT07	15	19OCT07	225			0.00	68,122.20	EA//EM =120hr ; EM//TB =960hr ; EM//SM =240hr ;												
7503-030	Install/Level FPA's and Spool Piece supports	22OCT07	30	04DEC07	225			0.00	136,244.40	EM//SM =16hr ; EM//TB =32hr ;												
7503-060	Install Lower PF 4,5&6 into prelim position	18APR08	2	21APR08	148			0.00	4,887.04	EA//EM =40hr ; EM//TB =320hr ; EM//SM =80hr ;												
7503-070	Install 3 Spool Pieces on fixt & test movement	05DEC07	10	18DEC07	225			0.00	45,414.80	EA//EM =40hr ; EM//TB =320hr ; EM//SM =80hr ;												
7503-080	FPA-1 Installed on support platform		0	18DEC07	225			0.00	0.00													
7503-090	Install local Platforms around FPA-1	19DEC07	10	10JAN08	226			0.00	45,414.80	EA//EM =40hr ; EM//TB =320hr ; EM//SM =80hr ;												
7503-110	FPA-2 Installed on support platform		0	30JAN08	201			0.00	0.00													
7503-120	Test movement of FPA-1& -2 & position checks.	31JAN08	5	06FEB08	201			0.00	22,707.40	EA//EM =20hr ; EM//TB =160hr ; EM//SM =40hr ;												
7503-130	Install local Platforms around FPA-2	31JAN08	3	04FEB08	209			0.00	45,414.80	EA//EM =40hr ; EM//TB =320hr ; EM//SM =80hr ;												
7503-150	FPA-3 Installed on support platform		0	26MAY08	123			0.00	0.00													
7503-160	Position all FPA's / Spool Pieces @ MC Interface	27MAY08	6	03JUN08	123			0.00	27,248.88	EA//EM =24hr ; EM//TB =192hr ; EM//SM =48hr ;												
7503-170	FPA Metrology Checks to Assure Alignment	04JUN08	3	06JUN08	123			0.00	3,217.32	EA//EM =12hr ; EM//TB =12hr ;												
7503-190	Install local Platforms around FPA-3	09JUN08	10	20JUN08	123			0.00	45,414.80	EA//EM =40hr ; EM//TB =320hr ; EM//SM =80hr ;												
7503-180	MC Interfaces: shim, ream holes ,bolt together	23JUN08	15	11JUL08	123			0.00	88,632.60	EA//EM =60hr ; EM//TB =720hr ; EM//SM =120hr ;												
7503-200	Mate-up and weld all VV-to-Spool interfaces	14JUL08	15	01AUG08	123			0.00	77,673.60	EM//SM =120hr ; EM//TB =720hr												

	Activity ID	Activity Description	Baseline Start	Duration (work days)	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	Proposed PMB Budget												
											FY06	FY07	FY08	FY09	FY10							
	820.003	Proj engr FY05	01OCT04A	251*	30SEP05A			LOE	469,631.02	469,631.02	wayne=1640 95%; dudek=518 40%;35=7k such=173; gentile=86											
	820.004	Proj engr FY06	03OCT05*	250*	29SEP06	765			0.00	440,965.54	wayne=1553 90%;35=5k;dudek=690 40% such=431 25%											
	820.04X	Proj engr FY07	02OCT06*	248*	25SEP07	517			0.00	239,641.12	wayne=1036;35=5k;dudek=173 such=173											
	820.004Z	Proj engr FY08	02OCT07*	249*	25SEP08	264			0.00	245,966.08	wayne=1036;35=5k;dudek=173 such=173											
	820.005	Proj engr FY09	01OCT08*	173*	29MAY09	88			0.00	62,798.72	wayne=293 17%;35=3											
	8205FY05	System Engr Support FY05	01OCT04A	251*	30SEP05A			LOE	199,622.00	199,622.00	simmons=1208 70%%											
	8205FY06	Systems Engineering Support FY06	03OCT05*	250*	29SEP06	765			0.00	184,677.66	simmons=1061 60%											
	FY05CV-44	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-19,000.00	-19,000.00												
	Job: 8203 - Design Integration-BROWN																					
	FY04 Actual Cost																					
	820.200	LOE FY04	01OCT03A	256*	30SEP04A			LOE	247,570.20	247,570.20												
	8203-ECP16	ecp16	01OCT03A	256*	30SEP04A			LOE	125,000.00	125,000.00												
	Prior Costs																					
	820.150	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A			100	178,750.00	178,750.00												
	8203FY05	Design Integration FY05 LOE	01OCT04A	251*	30SEP05A				171,028.50	171,028.50	messineo=1035; brown=285 17%											
	8203-01	General Design Integration	01OCT04A	251*	30SEP05A			LOE	0.00	0.00												
	8203-02	Suprt interface aux sys dev&coolant/lead routing	01OCT04A	251*	30SEP05A			LOE	0.00	0.00												
	8203-03	Develop /maintain Pro/E model of NCSX facility	01OCT04A	251*	30SEP05A			LOE	0.00	0.00												
	8203-04	Support metrology efforts	01OCT04A	251*	30SEP05A			LOE	0.00	0.00												
	8203-06	Complt rvw of machine assembly approach	03OCT05*	4	06OCT05	1,011			0.00	0.00												
	8203-07	Rvw cryostat & conventional magnet sys design	03OCT05*	9	13OCT05	1,006			0.00	0.00												
	8203-08	tollerance reqmnts for MCSuprt install fixt dwgs	03OCT05*	39	28NOV05	976			0.00	0.00												
	8203-09	Machine suprt dsn f/compatibility with assy reqt	03OCT05*	12	18OCT05	1,003			0.00	0.00												
	8203-10	Dynamic simul MC half period install fixt w/ Pro	03OCT05*	42	01DEC05	973			0.00	0.00												
	8203-11	Document NCSX Interlink& dwg control process	03OCT05*	11	17OCT05	1,004			0.00	0.00												
	8203-12	Update definition VV spool piece assy simul	03OCT05*	19	27OCT05	996			0.00	0.00												
	8203FY06	Design Integration FY06	03OCT05*	250*	29SEP06	765			0.00	140,201.64	ea//sm=432 25% brown=518 30%											
	8203FY07	Design Integration FY07	02OCT06*	252*	01OCT07	513			0.00	132,979.90	ea//sm=345 brown=518;											
	FY05CV-45	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-36,000.00	-36,000.00												
	Job: 8204 - Systems Analysis-BROOKS																					
	FY04 Actual Cost																					
	820.174	LOE FY04	01OCT03A	172*	30SEP04A			LOE	133,179.00	133,179.00												
	8204.01	Assess magnetic material in test cell	02FEB04A	85*	28MAY04A			100	37,080.00	37,080.00												
	8204.02	Model effects local high MU regions on MCWF	01MAY04A	29	28MAY04A			100	18,540.00	18,540.00												
	Prior Costs																					
	820.173	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A			100	44,620.00	44,620.00												

Run Date 03NOV05 10:29



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NCSX

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Activity ID	Activity Description	Baseline Start	Duration (work days)	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	Proposed PMB Budget															
										FY06			FY07			FY08			FY09			FY10		
M-0120	CD-4 First Plasma		0	31JUL09*	0			0.00	0.00	*****▼														
Allocations																								
PPPL Allocations																								
Job: 8998 - Allocations																								
FY04 Actual Cost																								
99.04	PPPL Allocations FY04	01OCT03A	256*	30SEP04A			LOE	260,691.00	260,691.00															
Prior Costs																								
99.03	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A			100	112,000.00	112,000.00															
99.05	PPPL Allocations FY05	20OCT04A	251*	30SEP05A			LOE	302,697.00	302,697.00	54=181.8														
99.05P	PPPL Allocations FY05 rebaseline re-estimate	01OCT04A	251*	30SEP05A			LOE	48,151.80	48,151.80	54=28.92														
99.06	PPPL Allocations FY06	03OCT05*	250*	29SEP06	765			0.00	329,764.50	54=187.9														
99.07	PPPL Allocations FY07	02OCT06*	252*	01OCT07	513			0.00	332,787.30	54=187.9														
99.08	PPPL Allocations FY08	01OCT07*	252*	29SEP08	262			0.00	166,336.61	54=92.77														
FY05CV-43	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				56,000.00	56,000.00															
Contingency																								
Contingency																								
Contingency-Project																								
99.105	Contingency FY05	03OCT05*	0*	30SEP05	1,015			0.00	0.00															
99.106D	Contingency FY06	03OCT05*	250*	29SEP06	765			0.00	669,697.78															
99.107	Contingency FY07	02OCT06*	251*	28SEP07	514			0.00	1,804,000.00															
99.108	Contingency FY08	01OCT07*	253*	30SEP08	261			0.00	4,618,000.00															
99.109	Contingency FY09	01OCT08*	108*	27FEB09	153			0.00	1,051,000.00															
1361RISK	JOB 1361 RISK	02OCT06*	330*	31JAN08	431			0.00	448,084.76	em/tb=5349														
1411RISK	JOB 1411 RISK	03JUL06*	63*	29SEP06	761			0.00	360,000.00	48=360														
1451RISK	JOB 1451 RISK	03MAR06*	416*	25OCT07	493			0.00	661,098.86	em/tb=6619														
DCMA																								
DCMA																								
DCMAFY04	DCMA	01OCT03A	256*	30SEP04A				75,000.00	75,000.00															