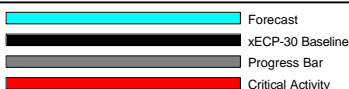


Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget						
										FY05	FY06	FY07	FY08	FY09	
cc 9450 - NCSX Fabrication (MIE)															
1 - Stellarator Core Systems															
11 - In-Vessel Components															
+ Job: 1101 - Limiter Adv Conc/Prel Dsn-**CLOSED*															
		15JUL03A	78	30SEP03A			100	60.00	60.00						
12 - Vacuum Vessel Systems															
+ Job: 1201 - Vacuum Vessel Prelim Dsn-**CLOSED**															
		01APR03A	133	07OCT03A			100	424,420.00	424,420.00						
+ Job: 1202 - Vacuum Vessel R&D **CLOSED**															
		01APR03A	385	30SEP04A				1,791,181.86	1,791,181.86						
+ Job: 1206 - VV Field Weld Joint R&D-**CLOSED**															
		29APR04A	298	30JUN05A				16,311.85	16,311.85						
Job: 1203 - Vacuum Vessel Final Dsn-GORANSON															
+ Closeout PDR Design Deliverables															
		01OCT03A	235	31AUG04A			100	34,746.30	34,746.30						
+ PDR Recommendations															
		01NOV03A	42	31DEC03A			100	25,738.00	25,738.00						
Final Design Tasks															
1203-141	Finalize Spec for VVSA	01MAR04A	87	30JUN04A			100	17,981.20	17,981.20						
1203-151	Update VVSA Drawings incl ECP6 add'l port config	01DEC03A	149	30JUN04A			100	202,403.63	202,403.63						
1203-181	Start Thermal Analyses	01NOV03A	82	30JAN04A			100	22,144.76	22,144.76						
1203-191	Start Eddy Current Analyses	03NOV03A	87	30JAN04A			100	3,424.45	3,424.45						
1203-202	Start Port Nozzle Analysis	02JAN04A	63	30JAN04A			100	4,944.00	4,944.00						
1203-233	Check structural analysis	26APR04A	25	28MAY04A			100	12,638.08	12,638.08						
1203-235	Perform Local Thermal Analysis	02FEB04A	65	30APR04A			100	15,442.80	15,442.80						
1203-236	Check Local Thermal Analysis	02FEB04A	65	30APR04A			100	15,442.80	15,442.80						
1203-237	Perform Thermal-Hydraulic Analysis VV htg/clng	02FEB04A	65	30APR04A			100	10,295.20	10,295.20						
1203-238	Check Thermal-Hydraulic Analysis VV htg/clng	02FEB04A	65	30APR04A			100	12,360.00	12,360.00						
1203-240	Check Analysis of VV Supports	26APR04A	25	28MAY04A			100	5,147.60	5,147.60						
1203-291	Update Design Basis Document	20APR04A	29	18MAY04A			100	2,059.04	2,059.04						
1203-321	Assemble FDR Drawing Package, Check & Promote	03MAY04A	20	18MAY04A			100	4,118.08	4,118.08						
1203-331	Prepare Presentations	03MAY04A	20	18MAY04A			100	12,869.00	12,869.00						
1203-341	Conduct VVSA FDR		0	19MAY04A			100	0.00	0.00						
1203-234	Perform Global Seismic Analysis	01MAR04A	151	31AUG04A			100	37,914.24	37,914.24						
1203-261	Startup Plan	01OCT03A	298	29OCT04A			100	26,136.92	26,136.92						
1203-301	Update Cost and Schedule Estimates	01SEP04A	42	29OCT04A			100	3,404.28	3,404.28						
1203-311	Prepare Final Design ECP	24MAY04A	10	28MAY04A			100	3,088.56	3,088.56						
1203-161	Finalize & Sign All ICDs	20NOV03A	363	29APR05A			100	16,686.55	16,686.55						
1203-201	Update/Perform FMECA Analyses	01MAR04A	284	15APR05A			100	5,640.45	5,640.45						

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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	Fiscal Year				
										FY05	FY06	FY07	FY08	FY09
1203-232	Structural Analysis of Vac Vsl	01MAR04A	294*	29APR05A			100	94,239.96	94,239.96					
1203-239	Perform Analysis of VV Supports	01MAR04A	294*	29APR05A			100	22,071.98	22,071.98					
1203-361	Final Design of Heating/Cooling	07NOV03A	269*	29APR05A			100	121,988.29	121,988.29					
124-011	Final design WBS 124 VV supports	01JUL04A	207*	29APR05A			100	16,302.07	16,302.07					
124-011.1	Lateral VV supports	01MAR05A	11*	31MAR05A			100	18,600.00	18,600.00					
125-001	Prelim design WBS 125 local I&C	01JAN05A	65	31MAR05A			100	4,030.00	4,030.00					
1203-900	WBS 12 FDR w/o insul/htrs**		0	05MAY05A				0.00	0.00					
125-011	Final design WBS 125 local I&C	01MAR05A	113*	08AUG05	334	20		1,550.00	7,750.00	ornlem=50				
124-011.2	Analysis of Lateral supports	01FEB05A	85*	31MAY05A			100	6,200.00	6,200.00	ornlem=40				
120-100	Magnetic Diag Interface/Install dwgs	01FEB05A	133*	08AUG05	334	95		17,670.00	18,600.00	ornlem=120				
122-011	Final design WBS 122 Thermal insulation	01JUN04A	298*	08AUG05	334	70		32,272.72	46,103.89	em//em =20hr ;ornlem=291				
122-012	Heater Tape Design	02MAY05A	69*	08AUG05	334	25		11,839.00	47,356.00	ea//em=144; ornlem=152				
1203-241	Check FMECA Analyses	01JUL05	4	07JUL05	356			0.00	0.00	Reiersen				
124-011.3	check support analysis	24MAY05A	5	31MAY05A			100	4,960.00	4,960.00	ornlem=32				
1203-901	**WBS 12 FINAL FDR **		0	08AUG05	334			0.00	0.00					
1203-271	Develop/Confirm & Installation Process	22AUG05	63	16NOV05	391	10		3,171.76	31,717.62	ornlem=200				
+ Vacuum Vessel Vendor Selection														
		01JUN04A	86	30SEP04A			100	5,782.20	5,782.20					
Job:1204-VV Sys Procurements (non VVSA)-GORANSON														
Thermal Insulation														
122-030.0	Issue req & dwg pkg VV Thermal Insul WBS 122	16AUG05	0		334			0.00	0.00					
122-030	SPEA VV Thermal Insulation WBS 122	16AUG05	43	13OCT05	334			0.00	0.00					
122-036.9	Award VV Insulation WBS 122		0	13OCT05	363			0.00	0.00					
122-037	VV Insulation Procurement WBS 122	14OCT05	89	27FEB06	363			0.00	124,916.79	41=82.01\$K ; 35=02\$K ;				
122-031	Title III engr WBS 122	16AUG05*	132	27FEB06	334			0.00	24,327.34	Viola =22hr ; Goranson =124hr ;				
VV Heating/Cooling Tubing														
123-030.0	Issue Proc Pkg for VV H/C Tubing WBS 123	08JUL05*	0		338			0.00	0.00					
123-030	Issue RFQ & Select Vendor VV H/C Tubing WBS 123	08JUL05	53	20SEP05	338			0.00	0.00					
123-030.1	Vendor Fab Prototype VV H/C Tubing WBS 123	21SEP05	20	18OCT05	338			0.00	0.00					
123-030.2	Evaluate Prototype and Award H/C Tubing WBS 123	19OCT05	17	10NOV05	338			0.00	0.00					
123-036.9	Award H/C Tubing WBS 123		0	10NOV05	338			0.00	0.00					
123-037	Fabricate and Deliver H/C Tubing WBS 123	11NOV05	65	21FEB06	338			0.00	327,687.24	41=221.56K				
123-041	VV Heating/Cooling Fab/Assy WBS 123	22FEB06	65	23MAY06	338			0.00	15,447.46	EM//SM =34hr ; EM//TB =137hr ;				
123-031	Title III engr WBS 123	08JUL05	220	23MAY06	856			0.00	9,310.80	Viola =08hr ; Goranson =48hr ;				
VV H/C Manifolds & Headers														
123-130.0	Issue Proc Pkg for VV H/C Manifolds WBS 123	21OCT05*	0		334			0.00	0.00					
123-130	Issue RFQ & Select Vendor VV H/C Manifold WBS 123	21OCT05	40	19DEC05	334			0.00	0.00					
123-136.9	Award H/C Manifolds WBS 123		0	19DEC05	334			0.00	0.00					

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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	Fiscal Year						
										FY05	FY06	FY07	FY08	FY09		
123-137	Fabricate and Deliver H/C Manifolds WBS 123	20DEC05	65	28MAR06	334			0.00	36,975.00		41=\$25k					
VV Supports																
124-030.0	Issue req & dwg package VV Vertical Supports	08JUL05*	0		482			0.00	0.00							
124-030	SPEA VV Vert. Supports WBS 124	08JUL05	43	06SEP05	482			0.00	0.00							
124-036.9	Award VV Vert. Supports WBS 124		0	06SEP05	482			0.00	0.00							
124-037	VV Vert. Supports Procurement WBS 124	07SEP05	60	01DEC05	482			0.00	17,106.18		41=24.1\$k ;					
124-041	VV Vert. Supports Fab/assy WBS 124	15MAR07	20	11APR07	164			0.00	722.64			EM/SM =06hr ;				
124-031	Title III engr WBS 124	08JUL05	103	01DEC05	502			0.00	9,971.84			Viola =02hr ; Goranson =60hr ;				
124-030.0L	Issue req & dwg package VV Lateral Sprts	08AUG05*	0		481			0.00	0.00							
124-030L	SPEA VV Lateral Supports WBS 124	08AUG05	43	05OCT05	481			0.00	0.00							
124-036.9L	Award VV Lateral Supports WBS 124		0	05OCT05	481			0.00	0.00							
124-037L	VV Lateral Supports Procurement WBS 124	06OCT05	60	09JAN06	481			0.00	17,821.95		41=24.1\$k ;					
VV Local I&C																
125-036	Issue Procurement Package Local I&C WBS 125	15AUG05*	0		407			0.00	0.00							
125-037	Procurement Local I&C WBS 125	15AUG05	60	04NOV05	407			0.00	3,272.40		41=2.4\$k ;					
125-015	Title III design Local I&C WBS 125	09AUG05	61	01NOV05	410			0.00	2,878.94			Goranson =18hr ;				
Job: 1250 - Vacuum Vessel Fabrication-VIOLA																
Start Up/Engineering																
VVSA-001	Process Order	24SEP04A	256*	23SEP05	1,039	90		0.00	0.00							
VVSA-011	Sect 5.1 Segmentation Scheme	04NOV04A	5	19NOV04A		100		96,075.00	96,075.00							
VVSA-021	Sect 5.1.2 Fiducials	29NOV04A	242*	04NOV05	1,009	98		0.00	0.00							
VVSA-031	Sect 5.1.3 Proc Outline & Asc Procedures	24SEP04A	152	31MAY05A		100		121,675.78	121,675.78		41=\$95k					
Dies & Gages																
VVSA-041	Engineering	20SEP04A	91*	31JAN05A		100		0.00	0.00							
VVSA-051	Procure Die Materials (4 sets)	10JAN05A	59*	13MAR05A		100		315,000.00	315,000.00							
121-100	S005243 #1-Die Material Procured		0	31MAR05A		100		0.00	0.00							
VVSA-061	Machine Complete	01FEB05A	64*	29APR05A		100		0.00	0.00							
VVSA-071	Deburr	01FEB05A	64	31MAY05A		100		0.00	0.00							
VVSA-081	Inspection	01FEB05A	65	31MAY05A		100		340,640.00	340,640.00		48=\$239k 48=amendment for dies=\$101.644					
VVSA-091	Development Panels (9 panels)	31MAR05A	25	10JUN05A		100		0.00	0.00							
121-115	S005243 #4-Dies Manufactured		0	10JUN05A		100		0.00	0.00			Contract Milestone Payment\$464 (ref only)				
Fixture (2) 60 degree																
VVSA-101	Engineering	25OCT04A	109*	31MAR05A		100		0.00	0.00							
VVSA-111	Procure Materials	07MAR05A	0*	30MAR05A		100		0.00	0.00							
VVSA-121	Fab & Machine	14MAR05A	36	10JUN05A		100		0.00	0.00							
VVSA-131	Assemble	28MAR05A	26	17JUN05A		100		0.00	0.00							
VVSA-141	Deburr	06MAY05A	6	20JUN05A		100		0.00	0.00							
VVSA-151	Inspection First	13MAY05A	9	23JUN05A		100		0.00	0.00							

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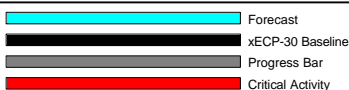
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	Fiscal Year				
										FY05	FY06	FY07	FY08	FY09
VVA-152	Inspection Second		0	23JUN05A			100	0.00	0.00					
Fixture (3) 120 degree														
VVSA-161	Engineering	15APR05A	5	08JUN05A			100	0.00	0.00					
VVSA-171	Procure Materials	08JUN05A	5	13JUN05A			100	220,000.00	220,000.00					
121-110	S005243 #3-Fixture material procured		0	13JUN05A			100	0.00	0.00					
VVSA-181	Fab & Machine	13JUN05A	82	04OCT05	1,032		80	0.00	0.00					
VVSA-191	Assemble	22JUN05A	78	07OCT05	1,029		33	0.00	0.00					
VVSA-201	Deburr	04JUL05A	75	14OCT05	1,024		33	0.00	0.00					
VVSA-211	Inspection -	30JUN05A	48	05SEP05	1,053		25	0.00	0.00					
Panels & Ports														
VVSA-221	Procure Vessel Material	29OCT04A	127	31MAY05A			100	471,490.00	471,490.00					
121-105	S005243 #2-Vessel material procured		0	31MAY05A			100	0.00	0.00					
VVSA-231	Production Panels Period #1	22APR05A	60	14JUL05	410		75	195,000.00	260,000.00					
121-120	S005243 #5-1/3 of Vessel plates formed		0	14JUL05*	1,090		75	0.00	0.00					
VVSA-241	Production Panels Period #2	28JUN05A	45	29AUG05	489		8	19,200.00	240,000.00					
121-125	S005243 #6-Second 1/3 of vsl plates formed		0	29AUG05*	1,058		8	0.00	0.00					
VVSA-251	Production Panels Period #3	28JUN05A	79	14OCT05	1,024		5	12,000.00	240,000.00					
121-130	S005243 #7-Last 1/3 of vsl plates formed		0	14OCT05*	1,024		5	0.00	0.00					
VVSA-261	Port Ext, Misc HW Period #1	23MAR05A	107	18AUG05	410		35	0.00	0.00					
VVSA-271	Port Ext, Misc HW Period #2	23MAR05A	134	26SEP05	472		35	0.00	0.00					
VVSA-281	Port Ext, Misc HW Period #3	23MAR05A	159	31OCT05	541		15	0.00	0.00					
VVSA-291	Spacer & port Ext	01JUL05*	53	13SEP05	634			0.00	0.00					
First 120 deg segment														
VVSA-301	1st 60 deg segment	10JUN05A	26	15JUL05	410		85	0.00	0.00					
VVSA-311	2nd 60 deg segment	23JUN05A	27	29JUL05	410		5	0.00	0.00					
VVSA-321	Join two pieces	01AUG05*	2	02AUG05	410			0.00	400,000.00					
121-135	S005243 #8-One VVSA fabricated		0	02AUG05*	1,077			0.00	0.00					
VVSA-331	Machine for Ports	03AUG05	12	18AUG05	410			0.00	0.00					
VVSA-341	Weld Ports	23AUG05*	19	16SEP05	408			0.00	0.00					
VVSA-351	Final Machine	19SEP05	14	06OCT05	408			0.00	0.00					
VVSA-361	Vacuum Test	07OCT05	12	24OCT05	408			0.00	0.00					
VVSA-371	Cut Off Ports	25OCT05	9	04NOV05	408			0.00	0.00					
VVSA-381	Pack for Shipping LI#4	07NOV05	5	11NOV05	408			0.00	0.00					
VVSA-391	Receive at PPPL	14NOV05	3	16NOV05	408			0.00	375,560.00					
121-150	S005243 #11-Receipt/Acceptance of 1st VVSA		0	16NOV05*	1,001			0.00	0.00					
Second 120 deg segment														
VVSA-401	60 deg segment	20JUL05*	18	12AUG05	476			0.00	0.00					
VVSA-411	60 deg segment	25JUL05*	20	19AUG05	473			0.00	0.00					

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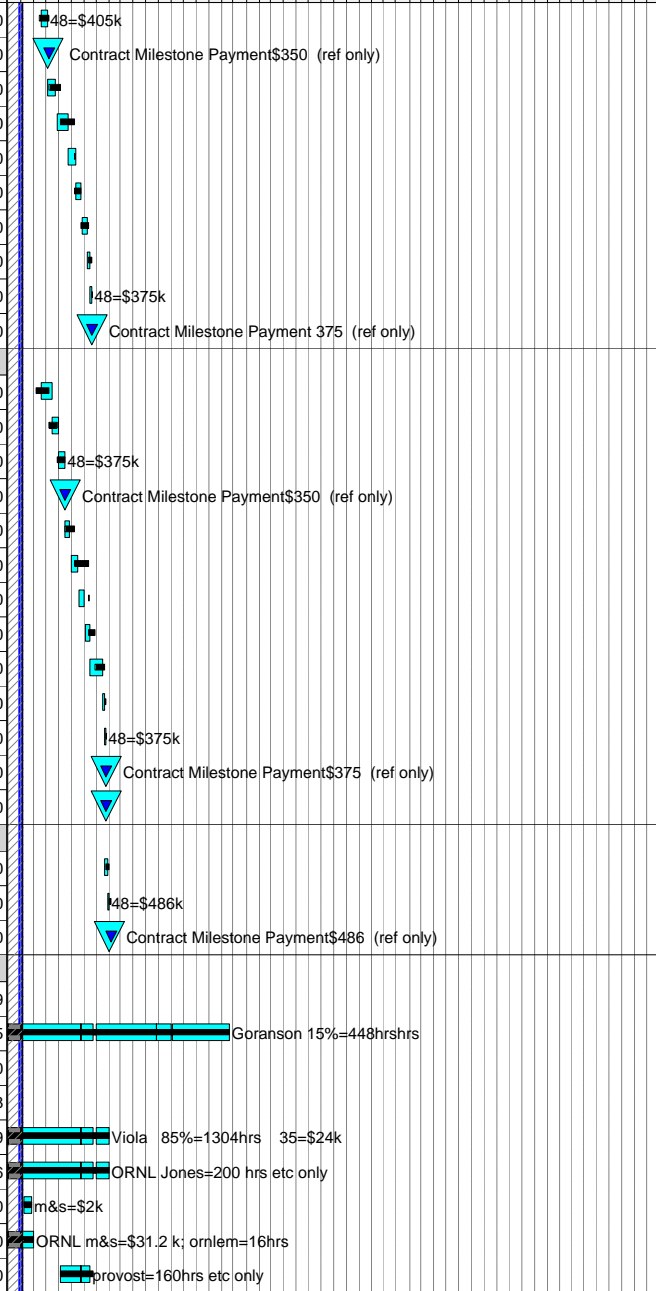
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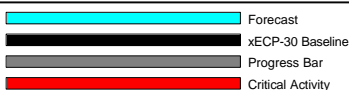
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY				
										FY05	FY06	FY07	FY08	FY09
VVSA-421	Join two pieces	22AUG05	11	05SEP05	473			0.00	405,000.00					
121-140	S005243 #9-Second VVSA fabricated		0	05SEP05*	1,053			0.00	0.00					
VVSA-431	Machine for Ports	06SEP05	14	23SEP05	473			0.00	0.00					
VVSA-441	Weld Ports	27SEP05	20	24OCT05	472			0.00	0.00					
VVSA-451	Final Machine	25OCT05	14	11NOV05	472			0.00	0.00					
VVSA-461	Vacuum Test	14NOV05	10	25NOV05	472			0.00	0.00					
VVSA-471	Cut Off Ports	28NOV05	10	09DEC05	472			0.00	0.00					
VVSA-481	Pack for Shipping LI#4	12DEC05	5	16DEC05	472			0.00	0.00					
VVSA-491	Receive at PPPL	19DEC05	2	20DEC05	472			0.00	375,000.00					
121-155	S005243 #12-Receipt /Acceptance of 2nd VVSA		0	20DEC05*	977			0.00	0.00					
Third 120 deg segment														
VVSA-501	60 deg segment	19AUG05*	19*	14SEP05	542			0.00	0.00					
VVSA-511	60 deg segment	15SEP05	12	30SEP05	542			0.00	0.00					
VVSA-521	Join two pieces	03OCT05*	11	17OCT05	542			0.00	375,000.00					
121-145	S005243 #10-Third VVSA fabricated		0	17OCT05	1,023			0.00	0.00					
VVSA-531	Machine for Ports	18OCT05	9	28OCT05	542			0.00	0.00					
VVSA-541	Weld Ports	01NOV05	14	18NOV05	541			0.00	0.00					
VVSA-551	Final Machine	21NOV05	10	02DEC05	541			0.00	0.00					
VVSA-561	Vacuum Test	05DEC05	10	16DEC05	541			0.00	0.00					
VVSA-571	Cut Off Ports	19DEC05	22	17JAN06	541			0.00	0.00					
VVSA-581	Pack for Shipping LI#4	18JAN06	3	20JAN06	541			0.00	0.00					
VVSA-591	Receive at PPPL	23JAN06	4	26JAN06	541			0.00	375,000.00					
121-160	S005243 #13-Receipt/Acceptance of 3rd VVSA		0	26JAN06*	950			0.00	0.00					
121-038.1	All Vacuum Vessel Sections (3) Delivered		0	26JAN06	541			0.00	0.00					
Ship Tooling														
VVSA-601	Pack Tooling for PPPL	23JAN06	5	27JAN06	945			0.00	0.00					
VVSA-611	PPPL Receive Tooling	30JAN06	4	02FEB06	945			0.00	486,000.00					
121-165	S005243 #14-Delivelfy of tooling,dies,fixtures		0	02FEB06*	945			0.00	0.00					
121-031	VVSA Title III engr	21MAY04A	631	28FEB05A				27,753.79	27,753.79					
121-034	VVSA Title III engr	01MAR05A	440*	22NOV06	727			14,569.07	73,581.15					
121-032	VVSA Contract oversight FY04	21MAY04A	386*	30SEP04A				20,052.50	20,052.50					
121-033	VVSA Contract oversight FY05	01OCT04A	290*	28FEB05A				75,267.38	75,267.38					
121-035	VVSA Contract oversight FY05 & FY06	01MAR05A	231*	31JAN06	936			97,645.18	259,005.79					
121-035.1	ORNL fesign support during MTM Contract	01MAR05A	231*	31JAN06	936			12,040.27	31,937.06					
121-036	Ship vac equipt from PPPL to MTM for vac testing	08JUL05*	15	28JUL05	441			0.00	2,562.00					
121-037	Purchase seals and ship to MTM	25APR05A	70*	02AUG05	438			2,480.00	42,447.20					
121-038	assist MTM testing of VVSA	07OCT05	49*	16DEC05	522			0.00	0.00					



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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	Fiscal Year				
										FY05	FY06	FY07	FY08	FY09
121-039	Design Seal Template	01MAR05A	20	31MAR05A			100	2,480.00	2,480.00					
121-141	Fabricate Seal Template and ship to MTM	01MAR05A	65	31MAR05A			100	4,240.11	4,240.11					
13 - Conventional Coils														
Job: 1301 - TF Design-KALISH														
+ Preliminary Design														
		01OCT03A	355	28FEB05A			100	471,974.00	471,974.00					
Final Design														
1301FD-01	TF Detailed Drawings	01MAR05A	62	31MAY05A			100	19,830.00	19,830.00	RUSHINSKI	=120			
1301FD-02	Develop Subassembly Process	01MAR05A	57	31MAY05A			100	0.00	0.00					
1301FD-09	Electrical Test 1st Sample	01MAR05A	2	31MAR05A			100	596.16	596.16					
1301FD-10	Ship 1st Sample	01MAR05A	5	31MAR05A			100	0.00	0.00					
1301FD-11	Machine Copper Bars 2nd Sample	01MAR05A	1	31MAR05A			100	596.16	596.16					
1301FD-12	Turn to Turn and Ground Wrap 2nd Sample	01MAR05A	7	31MAR05A			100	8,346.24	8,346.24					
1301FD-13	Impregnate and Complete Sample 2nd Sample	01MAR05A	3	31MAR05A			100	3,576.96	3,576.96					
1301FD-14	Update Analysis for Front Puller	01MAR05A	3	31MAR05A			100	3,843.00	3,843.00					
1301FD-15	Lead Transition Stress Analysis	01MAR05A	44*	29APR05A			100	5,124.00	5,124.00					
1301FD-16	Honeycomb InsulationStress Analysis	01MAR05A	4	31MAR05A			100	5,124.00	5,124.00					
1301FD-18	Electrical Test 2nd Sample	01MAR05A	1	31MAR05A			100	0.00	0.00					
1301FD-19	Ship 2nd Sample	01MAR05A	5	31MAR05A			100	0.00	0.00					
1301FD-20	Test 1st Sample	01MAR05A	44*	29APR05A			100	21,162.00	21,162.00					
1301R-12	Build Test Fixture	01FEB05A	43*	31MAR05A			100	6,610.00	6,610.00					
1301FD-01B	Redesign Lead Stems	01MAR05A	62	31MAY05A			100	0.00	0.00					
1301FD-01C	Lead Stem Detail Dwgs	01MAR05A	87*	30JUN05A			100	0.00	0.00					
1301FD-01D	Test Lead Stem Support Blocks	01JUN05A	87*	30JUN05A			100	0.00	0.00					
1301FD-04	Final Drawing Check	01MAR05A	57	31MAY05A			100	6,610.00	6,610.00	RUSHINSKI	=40			
1301FD-05	Analylis Check	01MAR05A	101*	21JUL05	1,066	30		7,932.00	26,440.00	Dahlgren	=160			
1301FD-06	Complete ICDs	01MAR05A	106*	28JUL05	1,061	50		0.00	0.00					
1301FD-08	Resolove PDR Chits	01MAR05A	106*	28JUL05	1,061	90		0.00	0.00					
1301FD-17	Resolve Tolerance Issues	01MAR05A	97*	15JUL05	1,070	95		6,279.50	6,610.00	RUSHINSKI	=40			
1301FD-21	Test 2nd Sample	01APR05A	72*	13JUL05	365	90		19,045.80	21,162.00	m&s	=2			
1301FD-22	Evaluate Results	01APR05A	83*	28JUL05	365	90		0.00	0.00					
1301R-37	Prepare Coil Spec	01MAR05A	128*	29AUG05	1,039	25		0.00	0.00					
1301FD-03	Layout Subassembly Fixture	25MAY05A	26*	30JUN05A			100	5,288.00	5,288.00	RUSHINSKI	=32			
133-010	Design WBS 134 Conv Coil I&C	01MAR05A	108*	01AUG05	361	10		1,322.00	13,220.00	Kalish	=80 ;			
1301R-31	Review and Approve Coil Spec	31MAY05A	1	31MAY05A			100	0.00	0.00					
1301FD-70	TF Conductor FDR		0	09JUN05A			100	0.00	0.00					
131-012C	Wedge Casting FDR		0	13JUL05*	471			0.00	0.00					
131-012	Comprehensive WBS 13 TF FDR		0	12AUG05*	352			0.00	0.00					

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY					
										FY05	FY06	FY07	FY08	FY09	
1301FD-84	TF Coil Fabrication & assy package approved	15AUG05	5	19AUG05	466			0.00	0.00						
1301FD-50	Engineering LOE	02APR05A	93	12AUG05	354			33,562.28	49,575.00						
+ Prior Costs															
		01APR03A	378	30SEP04A				163,695.13	163,695.13						
Job: 1302 - PF and CS Design -KALISH															
1302-PF	PF& CS Support Preliminary Design	01JUN05A	135	12DEC05	425	25		19,940.34	79,761.36						
141-012	PF & CS Sprt PDR		0	12DEC05	425			0.00	0.00						
1302-CSS	PF & CS Support Final Design	13DEC05	75	04APR06	425			0.00	162,275.88						
1301-137	PF & CS Support FDR		0	04APR06	425			0.00	0.00						
Job: 1350 TF Coil Fab Preparation-CHRZANOWSKI															
1350-100	Design tooling & winding facility	01MAR05A	152	30SEP05	1,015	70		84,898.80	121,284.00						
1350-500	Recondition turnkng fixture	21MAR05A	88	30JUN05A		100		33,232.20	33,232.20						
1350-505	Winding Clamps	02MAY05A	108	30SEP05	1,015	25		5,192.05	20,768.20						
1350-510	Taping Machine Conditioning	01JUL05*	55	16SEP05	1,025			0.00	27,656.20						
1350-515	Winding mandrel	01JUL05*	65	30SEP05	1,015			0.00	30,930.60						
1350-520	Misc tools & equipt	01JUL05*	65	30SEP05	1,015			0.00	3,843.00						
1350-525	TF mold (2)	01JUL05*	87	01NOV05	993			0.00	79,922.36						
1350-600	Build Cleanroom	28MAR05A	83	22JUL05	1,065	95		35,938.46	37,829.96						
1350-605	Install winding table	01JUN05A	50	30JUN05A		100		24,655.80	24,655.80						
1350-610	Setup copper delivery system	05SEP05*	20	30SEP05	1,015			0.00	9,850.12						
1350-615	Install taping machine	05SEP05*	20	30SEP05	1,015			0.00	9,850.12						
1350-620	Complete setup of facility		0	30SEP05	1,015			0.00	0.00						
Job: 1351 - TF Coil Fabrication-KALISH															
TF Fabrication Oversight															
131-031	Title III engr (FDR through 1st coil test 75%)	15AUG05	189	17MAY06	401			0.00	178,655.48						
131-032	Title III engr (completion of coils 10%)	10MAY06	270	07JUN07	311			0.00	39,573.53						
131-033	Winding operations field oversight	01JUL05	483	07JUN07	311			0.00	23,398.91						
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	01JUL05A	75	14OCT05	379			0.00	131,468.31						
1301FD-78	TF Wedge Plate procurement package approved	14JUL05	5	20JUL05	471			0.00	0.00						
1301FD-80	Prepare and Issue TF Wedge Plate RFP	21JUL05	5	27JUL05	471			0.00	0.00						
1301FD-82	Evaluate and award TF Wedge Plate Fabrication	28JUL05	20	24AUG05	471			0.00	0.00						

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█ Forecast
█ xECP-30 Baseline
█ Progress Bar
█ Critical Activity

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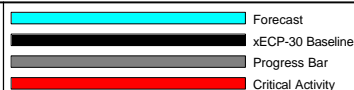
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY						
										FY05	FY06	FY07	FY08	FY09		
1351-85C	Award TF Castings		0	24AUG05	474			0.00	0.00							
1351-85D	Vendor Fab TF Castings	25AUG05	100	23JAN06	474			0.00	278,643.42		M&S=198k					
1351-525	Coil Supplies- Insulation	15AUG05	65	11NOV05	437			0.00	118,320.00		m&s=\$80k					
1351-527	Coil Supplies- Epoxy	21MAR06	299	25MAY07	315			0.00	0.00						m&s=\$60k etc only	
1351-531	Coil Supplies- G-11 fillers	15AUG05	130	22FEB06	354			0.00	67,056.06		machinist=480; em//tb=80;m&s=\$4k					
1351-533	Coil Supplies- Lead Blocks	15AUG05	130	22FEB06	354			0.00	26,376.01		machinist=144;em//tb=40;m&s=\$4.68k					
1351-535	Coil Supplies- Safety & PPE equipt & supplies	15AUG05	88	16DEC05	396			0.00	11,202.00		m&s=\$8k					
1351-537	Coil Supplies- Misc supplies	15AUG05	88	16DEC05	396			0.00	11,202.00		m&s=\$8k					
1351-539	Coil Supplies- Primer	15AUG05	88	16DEC05	396			0.00	11,202.00		m&s=\$8k					
1351-541	VPI Supplies- Misc VPI supplies	17NOV05	88	30MAR06	354			0.00	11,832.00		m&s=\$8k					
1351-543	VPI Supplies- Disposable VPI HW	21OCT05	107	30MAR06	354			0.00	87,854.28		em//tb=432; m&s=\$35k					
TF Braze Qualification																
1351-512	Prepare braze samples	17OCT05*	15	04NOV05	379			0.00	9,417.60		machinist=80					
1351-513	Develop brzae techniques	07NOV05	15	29NOV05	379			0.00	5,012.40		em//tb=60					
1351-514	Braze conductor samples	30NOV05	15	20DEC05	379			0.00	5,012.40		em//tb=60					
1351-515	Test brazed samples	21DEC05	15	18JAN06	379			0.00	9,417.60		em//sm=80					
Conductor Prep																
1351-547	Conductor Preparation	17OCT05	21	14NOV05	429			0.00	28,069.44		em//tb=336					
Coil Winding																
1351-549	Wind Coil #1	23FEB06	18	20MAR06	354			0.00	24,727.84		em//tb=296					
1351-551	Wind Coil #2	20APR06	10	03MAY06	354			0.00	12,029.76		em//tb=144					
1351-553	Wind Coil #3	04MAY06*	10	17MAY06	354			0.00	12,029.76		em//tb=144					
1351-555	Wind Coil #4	18MAY06	10	01JUN06	354			0.00	12,029.76		em//tb=144					
1351-557	Wind Coil #5	02OCT06*	10	13OCT06	269			0.00	12,307.68		em//tb=144					
1351-559	Wind Coil #6	16OCT06	10	27OCT06	269			0.00	0.00		em//tb=144 etc only					
1351-561	Wind Coil #7	30OCT06	10	10NOV06	306			0.00	12,307.68		em//tb=144					
1351-563	Wind Coil #8	13NOV06	10	28NOV06	306			0.00	0.00		em//tb=144 etc only					
1351-565	Wind Coil #9	29NOV06	10	12DEC06	306			0.00	0.00		em//tb=144					
1351-567	Wind Coil #10	13DEC06	10	03JAN07	306			0.00	0.00		em//tb=144 etc only					
1351-569	Wind Coil #11	04JAN07	10	17JAN07	306			0.00	0.00		em//tb=144					
1351-571	Wind Coil #12	18JAN07	10	31JAN07	306			0.00	0.00		em//tb=144 etc only					
1351-573	Wind Coil #13	01FEB07	10	14FEB07	315			0.00	0.00		em//tb=144					
1351-575	Wind Coil #14	15FEB07	10	28FEB07	315			0.00	0.00		em//tb=144 etc only					
1351-577	Wind Coil #15	01MAR07	10	14MAR07	315			0.00	0.00		em//tb=144					
1351-579	Wind Coil #16	15MAR07	10	28MAR07	315			0.00	0.00		em//tb=144 etc only					
1351-581	Wind Coil #17	29MAR07	10	11APR07	315			0.00	0.00		em//tb=144					
1351-583	Wind Coil #18	12APR07	10	25APR07	315			0.00	0.00		em//tb=144 etc only					

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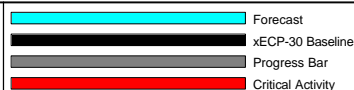
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY				
										FY05	FY06	FY07	FY08	FY09
Ground Wrap & Mold Application														
1351-649	GW & Apply Mold Coil #1	21MAR06	8	30MAR06	354			0.00	13,366.40					
1351-651	GW & Apply Mold Coil #2	04MAY06	6	11MAY06	364			0.00	6,683.20					
1351-653	GW & Apply Mold Coil #3	18MAY06	6	25MAY06	362			0.00	6,683.20					
1351-655	GW & Apply Mold Coil #4	02JUN06	6	09JUN06	358			0.00	6,683.20					
1351-657	GW & Apply Mold Coil #5	16OCT06	6	23OCT06	273			0.00	6,837.60					
1351-659	GW & Apply Mold Coil #6	30OCT06	6	06NOV06	269			0.00	0.00					
1351-661	GW & Apply Mold Coil #7	13NOV06	6	20NOV06	318			0.00	0.00					
1351-663	GW & Apply Mold Coil #8	29NOV06	6	06DEC06	314			0.00	0.00					
1351-665	GW & Apply Mold Coil #9	13DEC06	6	20DEC06	314			0.00	0.00					
1351-667	GW & Apply Mold Coil #10	04JAN07	6	11JAN07	310			0.00	0.00					
1351-669	GW & Apply Mold Coil #11	18JAN07	6	25JAN07	310			0.00	0.00					
1351-671	GW & Apply Mold Coil #12	01FEB07	6	08FEB07	306			0.00	0.00					
1351-673	GW & Apply Mold Coil #13	15FEB07	6	22FEB07	327			0.00	0.00					
1351-675	GW & Apply Mold Coil #14	01MAR07	6	08MAR07	323			0.00	0.00					
1351-677	GW & Apply Mold Coil #15	15MAR07	6	22MAR07	323			0.00	0.00					
1351-679	GW & Apply Mold Coil #16	29MAR07	6	05APR07	319			0.00	0.00					
1351-681	GW & Apply Mold Coil #17	12APR07	6	19APR07	319			0.00	0.00					
1351-683	GW & Apply Mold Coil #18	26APR07	6	03MAY07	315			0.00	0.00					
VPI														
1351-751	VPI Coil #1	31MAR06	14	19APR06	354			0.00	13,032.24					
1351-752	VPI Coil #2	12MAY06	14	01JUN06	364			0.00	13,032.24					
1351-755	VPI Coil #3 & #4	12JUN06	16	03JUL06	358			0.00	26,064.48					
1351-759	VPI Coil #5 & #6	07NOV06	16	30NOV06	269			0.00	0.00					
1351-763	VPI Coil #7 & #8	07DEC06	16	05JAN07	314			0.00	0.00					
1351-767	VPI Coil #9 & #10	12JAN07	16	02FEB07	310			0.00	0.00					
1351-771	VPI Coil #11 & #12	09FEB07	16	02MAR07	306			0.00	0.00					
1351-775	VPI Coil #13 & #14	09MAR07	16	30MAR07	323			0.00	0.00					
1351-779	VPI Coil #15 & #16	06APR07	16	27APR07	319			0.00	0.00					
1351-783	VPI Coil #17 & #18	04MAY07	16	25MAY07	315			0.00	0.00					
Electrical Test (warm before casting instl)														
1351-848	Prep & setup for warm test	23MAR06	20	19APR06	404			0.00	9,417.60					
1351-849	Warm Test Coil #1	20APR06	2	21APR06	404			0.00	1,336.64					
1351-851	Warm Test Coil #2	02JUN06	2	05JUN06	386			0.00	1,336.64					
1351-853	Warm Test Coil #3	05JUL06	2	06JUL06	367			0.00	1,336.64					
1351-855	Warm Test Coil #4	07JUL06	2	10JUL06	369			0.00	1,336.64					
1351-857	Warm Test Coil #5	01DEC06	2	04DEC06	269			0.00	1,367.52					
1351-859	Warm Test Coil #6	05DEC06	2	06DEC06	270			0.00	1,367.52					

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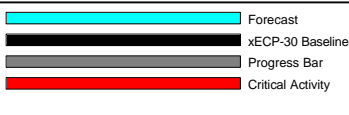
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY				
										FY05	FY06	FY07	FY08	FY09
1351-861	Warm Test Coil #7	08JAN07	2	09JAN07	332			0.00	1,367.52					
1351-863	Warm Test Coil #8	10JAN07	2	11JAN07	333			0.00	1,367.52					
1351-865	Warm Test Coil #9	05FEB07	2	06FEB07	318			0.00	1,367.52					
1351-867	Warm Test Coil #10	07FEB07	2	08FEB07	321			0.00	1,367.52					
1351-869	Warm Test Coil #11	05MAR07	2	06MAR07	306			0.00	1,367.52					
1351-871	Warm Test Coil #12	07MAR07	2	08MAR07	307			0.00	1,367.52					
1351-873	Warm Test Coil #13	02APR07	2	03APR07	341			0.00	1,367.52					
1351-875	Warm Test Coil #14	04APR07	2	05APR07	342			0.00	1,367.52					
1351-877	Warm Test Coil #15	30APR07	2	01MAY07	327			0.00	1,367.52					
1351-879	Warm Test Coil #16	02MAY07	2	03MAY07	330			0.00	1,367.52					
1351-881	Warm Test Coil #17	29MAY07	2	30MAY07	315			0.00	1,367.52					
1351-883	Warm Test Coil #18	31MAY07	2	01JUN07	316			0.00	1,367.52					
Assemble TF Casting to TF coil														
1351-080	Design Assy Fixture	15AUG05	20	09SEP05	538			0.00	12,282.00					
1351-086	Fab/Assemble Fixture	12SEP05	19	06OCT05	538			0.00	21,870.90					
1351-088	Setup Wedge Casting Fixture & test	25APR06	5	01MAY06	404			0.00	20,049.60					
1351-110A	Assemble TF to Wedge Casting TF#1	02MAY06	6	09MAY06	404			0.00	8,019.84					
1351-115A	Assemble TF to Wedge Casting TF#2	06JUN06	3	08JUN06	386			0.00	4,009.92					
1351-120A	Assemble TF to Wedge Casting TF#3	07JUL06	3	11JUL06	367			0.00	4,009.92					
1351-125A	Assemble TF to Wedge Casting TF#4	12JUL06	3	14JUL06	368			0.00	4,009.92					
1351-130A	Assemble TF to Wedge Casting TF#5	05DEC06	3	07DEC06	269			0.00	0.00					
1351-135A	Assemble TF to Wedge Casting TF#6	08DEC06	3	12DEC06	269			0.00	0.00					
1351-140A	Assemble TF to Wedge Casting TF#7	10JAN07	3	12JAN07	332			0.00	4,102.56					
1351-145A	Assemble TF to Wedge Casting TF#8	15JAN07	3	17JAN07	332			0.00	0.00					
1351-150A	Assemble TF to Wedge Casting TF#9	07FEB07	3	09FEB07	318			0.00	4,102.56					
1351-155A	Assemble TF to Wedge Casting TF#10	12FEB07	3	14FEB07	320			0.00	0.00					
1351-160A	Assemble TF to Wedge Casting TF#11	07MAR07	3	09MAR07	306			0.00	4,102.56					
1351-165A	Assemble TF to Wedge Casting TF#12	12MAR07	3	14MAR07	306			0.00	0.00					
1351-170A	Assemble TF to Wedge Casting TF#13	04APR07	3	06APR07	341			0.00	0.00					
1351-175A	Assemble TF to Wedge Casting TF#14	09APR07	3	11APR07	341			0.00	0.00					
1351-180A	Assemble TF to Wedge Casting TF#15	02MAY07	3	04MAY07	327			0.00	4,102.56					
1351-185A	Assemble TF to Wedge Casting TF#16	07MAY07	3	09MAY07	329			0.00	0.00					
1351-190A	Assemble TF to Wedge Casting TF#17	31MAY07	3	04JUN07	315			0.00	4,102.56					
1351-195A	Assemble TF to Wedge Casting TF#18	05JUN07	3	07JUN07	315			0.00	0.00					
Final Test (cold after casting installation)														
1351-901	Build Cryostat for teststand to hold TF coil	27MAR06	20	21APR06	404			0.00	11,120.20					
1351-902	Build lifting fixture	27MAR06	20	21APR06	404			0.00	0.00					
1351-905	Cold test #1 BEFORE casting applied	24APR06	6	01MAY06	404			0.00	0.00					

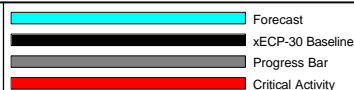


Completed tasks summarized

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- em//tb=72; meighan=32hrs etc only

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY					
										FY05	FY06	FY07	FY08	FY09	
1351-910	Cold test #1 again AFTER casting applied	10MAY06	6	17MAY06	404			0.00	9,781.92						
Job: 1352 - PF Coil Procurement-KALISH															
PF Coil Fabrication															
141-035	Bid & Award PF Coils	27AUG07*	45	29OCT07	124			0.00	0.00						
141-036	PF Coils Awarded		0	29OCT07	124			0.00	0.00						
1352-100	Material & leads	30OCT07	75	21FEB08	124			0.00	352,000.00						
1352-110	Tooling for PF 4	30OCT07*	25	05DEC07	159			0.00	73,920.00						
1352-115	Tooling for PF 5	06DEC07	25	17JAN08	159			0.00	73,920.00						
1352-120	Tooling for PF 6	18JAN08	25	21FEB08	174			0.00	73,920.00						
1352-105	Tooling for PF 1,2 and 3	22FEB08	30	03APR08	174			0.00	73,920.00						
1352-140	Fabricate/Divr PF 4 lower	22FEB08	10	06MAR08	124			0.00	55,968.00						
1352-145	Fabricate/Divr PF 5 lower	07MAR08	15	27MAR08	124			0.00	41,817.00						
1352-150	Fabricate/Divr PF 6 lower	28MAR08	15	17APR08	124			0.00	41,817.00						
1352-155	Fabricate/Divr PF 4 upper	18APR08	10	01MAY08	124			0.00	41,817.00						
1352-160	Fabricate/Divr PF 5 upper	02MAY08	15	22MAY08	124			0.00	41,817.00						
1352-165	Fabricate/Divr PF 6 upper	23MAY08	15	13JUN08	124			0.00	41,817.00						
1352-125	Fabricate/Divr PF 1 upper & lower	16JUN08	15	07JUL08	124			0.00	83,634.00						
1352-130	Fabricate/Divr PF 2 upper & lower	08JUL08	15	28JUL08	124			0.00	83,634.00						
1352-135	Fabricate/Divr PF 3 upper & lower	29JUL08	15	18AUG08	124			0.00	83,634.00						
722.010	PF Coil receipt inspect/test (formerly wbs 183)	22FEB08	125	18AUG08	124			0.00	31,033.22						
141-031	Title III engr WBS 132	27AUG07*	268	19SEP08	268			0.00	167,206.12						
Job: 1353 - CS Structure Procurement-KALISH															
CS Support Structure															
163-035	Bid & Award CS Support Struct	10JUL06	45	11SEP06	359			0.00	0.00						
163-036.9	Award CS Support Structure		0	11SEP06*	359			0.00	0.00						
163-037	CS Support Structure Procurement/Fab	12SEP06*	249	10SEP07	359			0.00	204,905.02						
163-015	Title III design CS sprt struc	10JUL06	294	10SEP07	526			0.00	62,260.05						
Job: 1354 - Trim Coil Procurement-KALISH															
Trim Coils															
184-035	Bid & Award Ext Trim Coils	11JAN07	45	14MAR07	148			0.00	0.00						
184-036	Award External Trim Coils		0	14MAR07*	148			0.00	0.00						
184-037	External Trim Coil Procurement/Fab*ecp16	15MAR07	87	17JUL07	148			0.00	85,870.00						
184-015	Title III WBS 133 Rxt Trim Coils	11JAN07	147	07AUG07	549			0.00	62,862.72						
1303-TRIM	Trim Coil Design	02OCT06*	65	10JAN07	148			0.00	108,935.60						
1303-136	Trim Coil PDR		0	10NOV06	148			0.00	0.00						
1303-137	Trim Coil FDR		0	10JAN07	148			0.00	0.00						
Job: 1355 - WBS 13 I&C Proc & Coil Assy-KALISH															
TF/PF Loal I&C															
133-015	Title III WBS 134 Conv Coil I&C	09OCT06*	130	18APR07	626			0.00	1,098.28						

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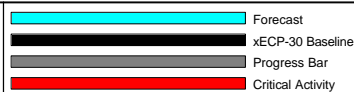
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY				
										FY05	FY06	FY07	FY08	FY09
133-037	Conv Coil I&C WBS 134 Proc & Install	02OCT06*	130	11APR07	467			0.00	69,521.89					
1355-100	CS and PF 1-3 Pre-Assy incl coil I&C procurement	19AUG08	15	09SEP08	124			0.00	21,252.00					
14 - Modular Coils														
+ Job: 1401 - Mod Coil Prel.Dsn**CLOSED**														
		01APR03A	128	30SEP03A			100	303,040.00	303,040.00					
+ Job: 1402 - Mod.Coil Analyses**CLOSED**														
		01APR03A	128	30SEP03A			100	239,140.00	239,140.00					
+ Job:1404-MCWF R&D & 1st Prod Casting**CLOSED**														
		29APR05A	101	20SEP05	187			17,360.00	148,800.00					
+ Job: 1413 -MCWF Fracture Analysis-**CLOSED**														
		01MAR05A	44	29APR05A			100	23,169.40	23,169.40					
+ Job: 1405-Mod Coil Winding R&D Prep-**CLOSED**														
		01APR03A	43	30MAY03A				168,070.00	168,070.00					
+ Job: 1407 -Mod Coil Winding Facility-**CLOSED**														
		01APR03A	419	30NOV04A				2,522,993.12	2,522,993.12					
+ Job: 1412 - Complete Winding Facilities-*CLOSED*														
		15OCT03A	475	31AUG05	1,037			138,528.51	190,608.51					
+ Job: 1406 - Mod. Coil Winding R&D-**CLOSED**														
		01JAN04A	420	31AUG05	1,037			330,237.39	394,780.61					
+ Job: 1410 MC Twisted Racetrack Fabr-**CLOSED**														
		01OCT04A	186	30JUN05A			100	775,211.32	775,211.32					
Job: 1409 - Mod. Coil Test Stand-GETTELFINGER														
Test Stand														
1409-000	FY04 Oct-Mar	20OCT03A	66	31MAR04A			100	213,546.02	213,546.02					
1409-025	Complete Design	01APR04A	0	30APR04A			100	25,958.40	25,958.40					
1409-026	Install Electrical	01JAN04A	94	31MAR04A			100	0.00	0.00					
1409-030	Generate I2T Reqmnts	23FEB04A	16	15MAR04A			100	0.00	0.00					
1409-032	Design I2T Protection	01APR04A	0	30APR04A			100	6,028.00	6,028.00					
1409-034	Fabricate I2T Cards	01APR04A	42	28MAY04A			100	15,795.00	15,795.00					
1409-036	Define N2 Ejection Scheme	23FEB04A	2	24FEB04A			100	0.00	0.00					
1409-038	Plan/Procure N2 Ejection Scheme	25FEB04A	14	15MAR04A			100	0.00	0.00					
1409-040	Install N2 Ejection Scheme	01MAY04A	85	31AUG04A			100	12,740.00	12,740.00					
1409-100	Design Controls Modifications	08APR04A	37	28MAY04A			100	46,632.00	46,632.00					
1409-110	ES&H Peer Review	05APR04A	1	05APR04A			100	0.00	0.00					
1409-120	Install Control Modifications	01MAY04A	42	30JUN04A			100	11,923.20	11,923.20					
1409-140	Design Closed Loop LN2 System	02AUG04A	85	30NOV04A			100	0.00	0.00					
1409-145	FDR closed loop LN2 syst	01DEC04A	1	23DEC04A			100	0.00	0.00					
1409-027	Cryo Line Installation	03MAY04A	248	29APR05A			100	27,804.25	27,804.25					
1409-150	Proc Mat's/pump f/closed LN2	02AUG04A	141	28FEB05A			100	19,182.98	19,182.98					

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	Fiscal Year				
										FY05	FY06	FY07	FY08	FY09
1409-155	Fab/Instl Closed Loop LN2 sys	01DEC04A	101*	29APR05A			100	12,602.40	12,602.40					
1409-029	Oversight/Supervision	01APR04A	323*	15JUL05	1,064		LOE	33,979.72	35,066.79					
1409-141	Modify Cryostat for TRC	01APR05A	31	15JUL05	1,064		20	2,384.64	11,923.20					
1409-044	Final Design & ACC Review	29APR05A	44*	30JUN05A			100	0.00	0.00					
1409-028	System Testing (planar racetrack)	01JUN05A	32*	15JUL05	1,064		50	8,838.70	17,677.40					
1409-160	Test Closed Loop Cooling	01JUL05*	10*	15JUL05	162			0.00	2,980.80					
1409-165	Closed Loop Facility Available for TRC		0	15JUL05*	162			0.00	0.00					
Job: 1414 Coil Testing-Gettelfinger														
Twisted Racetrack Hardware Fabrication														
1406-020	Begin Testing of Twisted RT in Coil test Stand	18JUL05*	0		163			0.00	0.00					
1406-021	Test Coil	28JUL05	10	10AUG05	154			0.00	30,844.24					
1406-023	Dissect Coil	11AUG05	5	17AUG05	154			0.00	5,961.60					
Production Modular Coils														
1409-130	Production Cryostat Design	01JUL05*	10	15JUL05	1,042			0.00	6,416.80					
1409-135	Production Cryostat Fabr & Install	18JUL05	22	16AUG05	1,042			0.00	21,752.40					
1409-199	Closed Loop Facility Available for Production MC		0	16AUG05*	1,042			0.00	0.00					
P1-021	Test Coil (Coil Test Stand) C1	17JAN06	7	25JAN06	395			0.00	31,012.48					
P1-021.1	Complete First Mod Coil Fabrication C1		0	25JAN06	395			0.00	0.00					
P2-021	Test Coil (Coil Test Stand) A1	11APR06	7	19APR06	335			0.00	31,012.48					
P1-051	Test Coil (Coil Test Stand) B1	28AUG06	7	06SEP06	238			0.00	31,012.48					
Job: 1415 Dimensional Control Testing-RAFTOPOLOU														
Production Modular Coils														
1415-100	Straight Tee Lacing Test	20JUN05A	19*	15JUL05	1,064		50	7,004.88	14,009.76					
Job: 1403 - Modular Coil Final Design-WILLIAMSON														
+ PDR/PBR Prep														
		01OCT03A	61	24DEC03A			100	18,016.60	18,016.60					
+ Requirements/Config and Interfaces														
		15OCT03A	160	28MAY04A			100	46,457.09	46,457.09					
+ Analysis - Thermal & Electrical														
		15OCT03A	152	18MAY04A			100	39,639.40	39,639.40					
+ Analysis - Structural														
		15OCT03A	152	18MAY04A			100	367,160.37	367,160.37					
+ Winding Form FDR Prep														
		01NOV03A	42	31DEC03A			100	25,738.00	25,738.00					
+ MCWF Procurement														
		01JUN04A	86	30SEP04A			100	45,223.48	45,223.48					
Coil-to-coil Interface Design														
1403-11	Prepare assembly / interface drawings for ICDs	15OCT03A	268*	30SEP04A			100	9,304.29	9,304.29					
1403-12	Finalize and approve all ICDs	01MAR04A	173*	30SEP04A			100	4,632.84	4,632.84					
1403-15	Prepare winding form asm / detail drawings	03NOV03A	265*	30SEP04A			100	62,028.58	62,028.58					

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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget						
										FY05	FY06	FY07	FY08	FY09	
1403-48	Update design basis document	26APR04A	47*	30JUN04A			100	15,442.80	15,442.80						
1403-11.1	Compl assembly / interface drawings for ICDs	01NOV04A	208*	31AUG05	1,037		50	15,500.00	31,000.00						
1403-16	Assembly bolts, nuts,washers	01OCT04A	229*	31AUG05	374		60	7,440.00	12,400.00						
1403-17	Assembly shims	01OCT04A	229*	31AUG05	374		60	7,440.00	12,400.00						
1403-18	Eccentric ball assembly	08NOV04A	203*	31AUG05	374		60	7,440.00	12,400.00						
1403-19	Top assembly dwgs for mod coil shell	01OCT04A	229*	31AUG05	1,037		50	9,300.00	18,600.00						
1403-19A	Bladder Details	01JUL05*	43*	31AUG05	374			0.00	12,400.00						
MCWF & Winding Analysis/Testing															
1403-ECP16	ecp16	01JUN04A	108*	30SEP04A			100	139,000.00	139,000.00						
1403-FY04	Analysis fy04	01JUN04A	108*	30SEP04A			100	48,083.50	48,083.50						
1403-27	Prepare thermal, electrical analysis report	02FEB04A	128*	30JUL04A			100	20,590.40	20,590.40						
1403-27A	Update winding pack thermal/hydraulic analysis	01JUN04A	97*	30SEP04A			100	20,590.40	20,590.40						
1403-40.3X	Modify MCWF Contract Documents & drawings	01AUG04A	43*	30SEP04A			100	20,590.40	20,590.40						
1403-42	Complete FDR Struct Analysis Report	01JUN04A	108*	30SEP04A			100	29,867.60	29,867.60						
1403-42B	Modify ORNL beam test setup provide torsional ld	01JUN04A	108*	30SEP04A			100	5,147.60	5,147.60						
1403-42C	Revise analysis incorp final modeling changes	15JUL04A	77*	30SEP04A			100	34,552.80	34,552.80						
1403-42E	Complete checking struct calculations	01AUG04A	65*	30SEP04A			100	17,697.60	17,697.60						
1403-44	Prepare final drawings for winding forms, asm	01MAR04A	75*	30JUN04A			100	82,232.91	82,232.91						
1403-45	Check and promote models / drawings	01MAR04A	97*	15JUL04A			100	120,456.72	120,456.72						
1403-46	Update build-to specification / SOW	01MAR04A	75*	30JUN04A			100	15,442.80	15,442.80						
1403-70	Complete non-linear model revisions	01SEP04A	31	30SEP04A			100	0.00	0.00						
1403-40.2X	Multifilament coils file incl leads	01OCT04A	41*	30NOV04A			100	6,200.00	6,200.00						
1403-42G	WP beam FEA modeling	01NOV04A	21	30NOV04A			100	3,100.00	3,100.00						
1403-47B	det boundary conditions single nonlinear windng	01DEC04A	22	31DEC04A			100	6,370.00	6,370.00						
1403-90	Compile Material properties database	01OCT04A	206*	29JUL05	1,060		90	17,847.00	19,830.00						
1403-40.2Z	Update nonlinear winding pack analysis	01AUG04A	249*	29JUL05	1,060		90	76,688.29	85,209.21						
1403-42H	calculate EM loads at leads	01JUL05*	20*	29JUL05	1,060		60	5,580.00	9,300.00						
1403-74	check analysis using simplified models	01OCT04A	165*	31MAY05A			100	39,660.00	39,660.00						
1403-42D	Fracture fatigue analysis for MCWF	01NOV04A	144*	31MAY05A			100	9,915.00	9,915.00						
1403-42D.0	Determine Fatigue properties	01NOV04A	144*	31MAY05A			100	3,305.00	3,305.00						
1403-42F	Perform WP beam tests at ORNL	01NOV04A	185*	29JUL05	1,060		80	22,320.00	27,900.00						
1403-47A	Update,review & approve FMECA	01JUL05*	20*	29JUL05	1,060		10	620.00	6,200.00						
1403-42A	WP beam bending results documentation	02MAY05A	74*	15AUG05	1,049		30	1,860.00	6,200.00						
1403-42A1	Document analysis of MCWF eddy currents	01JUL05*	31*	15AUG05	1,049			0.00	0.00						
1403-73	Prep struct analysis report	01MAY05A	74*	15AUG05	1,049		30	7,204.40	12,400.00						
1403-76	Structural analysis of leads	01OCT04A	217*	15AUG05	1,049		50	6,200.00	12,400.00						
1403-47C	Perform cool-down/warmup analysis	01JUL05*	31*	15AUG05	1,049			0.00	6,610.00						

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williamson=40

M.Brown=80

M.Brown=80

M.Brown=80

M.Brown=120

M.Brown=80

hm fan=120

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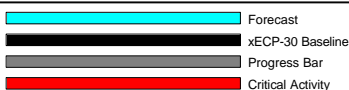
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FREUDENBERG =80hr ;

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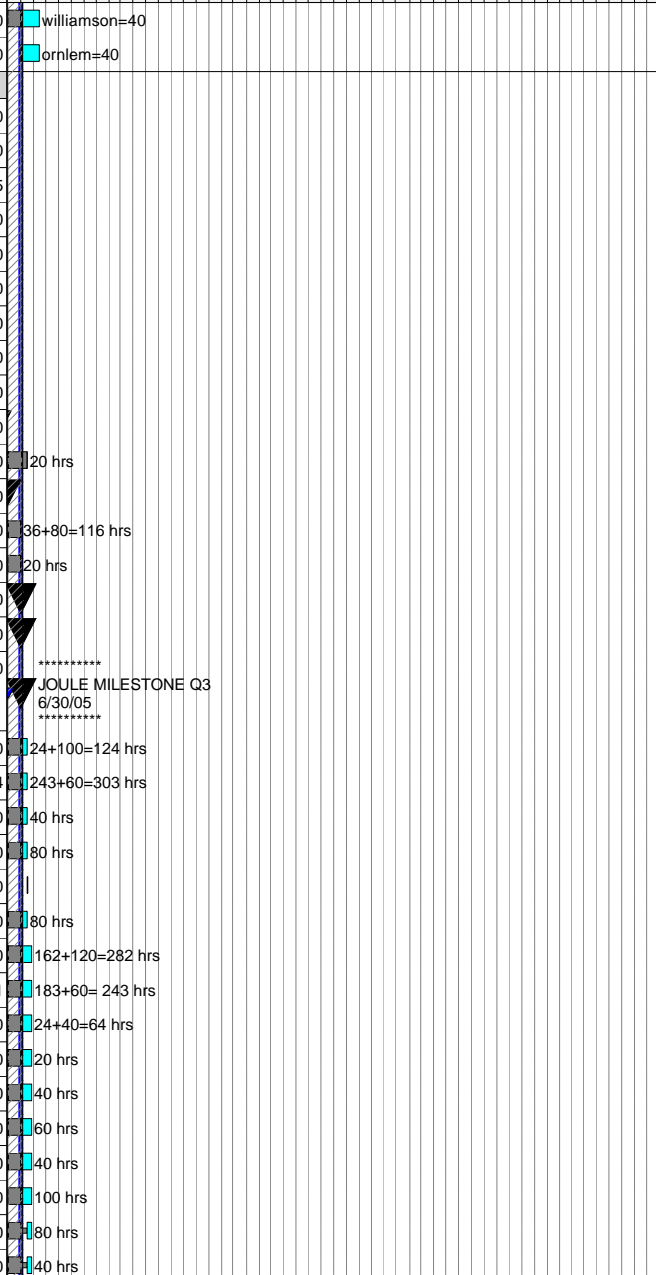
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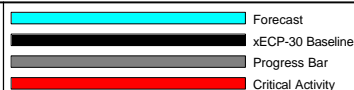
Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	Fiscal Year						
										FY05	FY06	FY07	FY08	FY09		
1403-49A	Update tech sheets for new # of turns	01JUN05A	53'	15AUG05	1,049		20	1,240.00	6,200.00							
1403-50A	Check inductance calculation	01JUL05	31'	15AUG05	1,049			0.00	6,200.00							
Winding and Assembly Design-Type C																
1403-20.01	ISSUE CLADDING DWGS FOR FAB	29APR05A	1	29APR05A				0.00	0.00							
1403-20.04	Resolve FDR chits	25APR05A	5	25APR05A			100	6,200.00	6,200.00							
1403-202	G-10 Filler Dwgs Type C ??????????????	01JAN04A	227'	30SEP04A			100	13,512.45	13,512.45							
1403-203	Start Clamp Dwgs (5)-Type C	01JAN05A	20	28FEB05A			100	23,219.00	23,219.00							
1403-206	Start Cooling, Electr Schematic Dwgs- Type C	01NOV04A	81'	28FEB05A			100	3,720.00	3,720.00							
1403-208	Start I&C Dwgs -Type C	01NOV04A	139'	28FEB05A			100	1,860.00	1,860.00							
1403-223	Start tp level coil assembly-Type C	01NOV04A	139'	28FEB05A			100	1,860.00	1,860.00							
1403-224	Start PI mold assembly-Type C	01NOV04A	127'	28FEB05A			100	3,720.00	3,720.00							
1403-60	Start Update design basis document	02FEB05A	80'	28FEB05A			100	1,240.00	1,240.00							
1403-20A	Mod Coil Type C Cladding FDR		0	25APR05A			100	0.00	0.00							
1403-20.00	Resolve FDR chits	25APR05A	58'				90	2,790.00	3,100.00							
1403-500	Type C Lead Block FDR		0	18MAY05A			100	0.00	0.00							
1403-219	MCWF assy-Type C	01OCT04A	186'	30JUN05A			100	17,980.00	17,980.00							
1403-62	Prepare FDR documentation / presentations	01JUN05A	0'	30JUN05A			100	3,100.00	3,100.00							
1403-504	Type C Chill Plate FDR		0	30JUN05A			100	0.00	0.00							
1403-508	Type C Clamp FDR		0	30JUN05A			100	0.00	0.00							
1403-20B	Mod Coil Type C FDR's COMPLETE		0	30JUN05A			100	0.00	0.00							
1403-221	Lead ends assy-Type C	01NOV04A	175'	15JUL05	1,070		95	18,445.00	19,220.00							
1403-201	Leads start assy Dwgs (10)-Type C	01JAN04A	387'	15JUL05	1,070		95	40,879.02	43,030.54							
1403-58X1	Check and promote cladding & terminal dwg-Type C	29APR05A	54'	15JUL05	175		90	5,580.00	6,200.00							
1403-58X2	Check and promote lead blocks	01MAY05A	53'	15JUL05	146		95	11,780.00	12,400.00							
1403-502	Lead Block dwgs apprvd for fabrication	18JUL05	0'	15JUL05	238		95	0.00	0.00							
1403-223C	Finish Top level coil assembly-Type C	01MAR05A	97'	15JUL05	1,070		60	7,440.00	12,400.00							
1403-220	Cladding assembly-Type C	01OCT04A	206'	29JUL05	1,060		90	39,339.00	43,710.00							
1403-200	Side A/B winding pack assy-Type C	01JAN04A	397'	29JUL05	1,060		90	31,130.20	34,589.11							
1403-222	Terminal / elec services assembly-Type C	01NOV04A	185'	29JUL05	1,060		95	9,424.00	9,920.00							
1403-224C	Finish VPI mold assembly-Type C	01MAR05A	107'	29JUL05	1,060		30	930.00	3,100.00							
1403-208C	Finish I&C Dwgs -Type C	01MAR05A	107'	29JUL05	1,060		30	1,860.00	6,200.00							
1403-206.1	Cooling tubes/services assy- Type C	25APR05A	68'	29JUL05	1,060		60	5,580.00	9,300.00							
1403-206C	Finish Cooling, Electr Schematic Dwgs - Type C	01MAR05A	107'	29JUL05	1,060		30	1,860.00	6,200.00							
1403-58C	Check and promote clamp, I&C assy dwgs -Type C	01JUN05A	42'	29JUL05	1,060		80	12,400.00	15,500.00							
1403-60C	Finish Update design basis document	02MAY05A	63'	29JUL05	1,060		30	3,720.00	12,400.00							
1403-59	Type-C product specifications	02MAY05A	63'	29JUL05	146		60	3,720.00	6,200.00							



Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY						
										FY05	FY06	FY07	FY08	FY09		
1403-49	Update cost / schedule estimates	02MAY05A	10	29JUL05	146	30	930.00	3,100.00								
1403-204	Outer Chill Plate Dwgs -Type C	01SEP04A	227	29JUL05	146	90	42,068.72	43,899.51								
1403-203C	Finish Clamp Dwgs (5)-Type C	01MAR05A	107	29JUL05	361	90	13,950.00	15,500.00								
1403-506	Chill plate dwgs approved for fabrication	01AUG05	5	05AUG05	146		0.00	0.00								
1403-510	Clamp and assy dwgs approved for fabrication	01AUG05	1	01AUG05	361		0.00	0.00								
1403-20.2	Resolve FDR chits	01AUG05*	11	15AUG05	157		0.00	6,200.00								
1403-70.05	Update MIT/QA Plans for Type C Winding Fab	01AUG05	5	05AUG05	162		0.00	6,200.00								
1403-20.0	Final Design Close-out for Type C		0	30AUG05*	146		0.00	0.00								
1403-20.1	Mod Coil Type C Fab Preparedness Review	31AUG05	1	31AUG05*	146		0.00	0.00								
Winding and Assembly Design-Type A																
1403-319	MCWF studs,modifications-Type A	29APR05A	85	29AUG05	153	30	1,860.00	6,200.00								
1403-320	Cladding assembly-Type A	02MAY05A	84	29AUG05	153	50	15,500.00	31,000.00								
1403-301	Leads & crossover Dwgs (10)-Type A	01JUL05*	41	29AUG05	153		0.00	6,200.00								
1403-300	Winding pack assy Dwgs (8)-Type A	01JUL05*	41	29AUG05	153		0.00	6,200.00								
1403-321	Lead ends & closure-Type A	01JUL05*	41	29AUG05	153		0.00	6,200.00								
1403-322	Terminal assembly-Type A	01JUL05*	41	29AUG05	153		0.00	6,200.00								
1403-304	Chill Plate Dwgs (66)-Type A	01JUL05*	41	29AUG05	153		0.00	31,000.00								
1403-324	VPI mold assembly0-Type A	01JUL05*	41	29AUG05	153		0.00	6,200.00								
1403-303	Clamp Dwgs (5)-Type A	01JUL05*	41	29AUG05	153		0.00	6,200.00								
1403-306	Cooling, Electr Schematic Dwgs (1)-Type A	01JUL05*	41	29AUG05	153		0.00	6,200.00								
1403-308	I&C Dwgs (1) -Type A	01JUL05*	41	29AUG05	153		0.00	6,200.00								
1403-323	Top level coil assembly-Type A	01JUL05*	41	29AUG05	153		0.00	6,200.00								
1403-58A	Check and promote models / drawings -Type A	01JUL05*	41	29AUG05	153		0.00	6,200.00								
1403-904	Update cost/sched estimates&Design Basis doc.	01JUL05*	41	29AUG05	153		0.00	6,200.00								
1403-900	Prep FDR Documentation	23AUG05	5	29AUG05	153		0.00	3,100.00								
1403-71	FDR Production Type A Mod Coil Winding		0	29AUG05*	153		0.00	0.00								
1403-901	Resolve FDR comments	30AUG05	3	01SEP05	199		0.00	3,100.00								
1403-902	Type A product specification	30AUG05*	5	05SEP05	187		0.00	3,100.00								
1403-71.05	Update MIT/QA Plans for Type A Winding Fab	06SEP05*	10	19SEP05	187		0.00	3,100.00								
1403-71.1	Fab Readiness Review - Production Type A	20SEP05	1	20SEP05*	187		0.00	0.00								
Winding and Assembly Design-Type B																
1403-419	MCWF studs,modifications-Type B	29APR05A	130	31OCT05	216	30	1,886.56	6,288.52								
1403-420	Cladding assembly-Type B	30AUG05*	45	31OCT05	216		0.00	32,278.67								
1403-401	Leads & crossover Dwgs (10)-Type B	30AUG05*	45	31OCT05	216		0.00	6,455.73								
1403-400	Winding pack assy Dwgs (8)-Type B	30AUG05*	45	31OCT05	216		0.00	6,455.73								
1403-421	Lead ends & closure-Type B	30AUG05*	45	31OCT05	216		0.00	6,455.73								
1403-422	Terminal assembly-Type B	30AUG05*	45	31OCT05	216		0.00	6,455.73								
1403-404	Chill Plate Dwgs (66)-TypeB	30AUG05*	45	31OCT05	216		0.00	32,278.67								

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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget						
										FY05	FY06	FY07	FY08	FY09	
1403-424	VPI mold assembly0-Type B	30AUG05*	45	31OCT05	216			0.00	6,455.73						
1403-403	Clamp Dwgs (5)-Type B	30AUG05*	45	31OCT05	216			0.00	6,455.73						
1403-406	Cooling, Electr Schematic Dwgs (1)-Type B	30AUG05*	45	31OCT05	216			0.00	6,455.73						
1403-408	I&C Dwgs (1) -Type B	30AUG05*	45	31OCT05	216			0.00	6,455.73						
1403-423	Top level coil assembly-Type B	30AUG05*	45	31OCT05	216			0.00	6,455.73						
1403-58B	Check and promote models / drawings -Type B	30AUG05*	45	31OCT05	216			0.00	6,455.73						
1403-80	Update design basis doc & cost sched est	30AUG05*	45	31OCT05	216			0.00	6,455.73						
1403-72.06	Update build-to spec	18OCT05	10	31OCT05	216			0.00	3,671.40						
1403-81	Prepare FDR doc	25OCT05	5	31OCT05	216			0.00	3,374.00						
1403-72	Final Design Review Production Type B		0	31OCT05*	216			0.00	0.00						
1403-72.05	Update MIT/QA Plans for Type C Winding Fab	01NOV05	10	14NOV05	255			0.00	3,671.40						
1403-72.07	Resolve FDR comments	01NOV05	5	07NOV05	260			0.00	3,671.40						
1403-72.1	Fab Readiness Review - Production Type B	15NOV05	1	15NOV05*	255			0.00	0.00						
Twisted Racetrack Design (Williamson)															
1403-062	Trial winding analysis & shim rqmnts	01MAR05A	20	31MAR05A			100	0.00	0.00						
1403-065	Cooling redesign and analysis	01MAR05A	20	31MAR05A			100	24,800.00	24,800.00						
1403-066	Clamp modifications Dwgs	01MAR05A	20	31MAR05A			100	12,400.00	12,400.00						
1403-068	TRC I&C	01MAR05A	20	31MAR05A			100	30,846.40	30,846.40						
1406-097	Verify Conductor Dims	01OCT03A	3	03OCT03A			100	2,573.80	2,573.80						
1406-098	Complete Drawings of Casting	13OCT03A	21	26NOV03A			100	15,442.80	15,442.80						
1406-099	Review/Approve Casting Drawings	26NOV03A	10	26NOV03A			100	15,442.80	15,442.80						
1406-101	Prepare Clamp & Chill Plate detail Drawings	14MAY04A	99*	30SEP04A			100	50,703.86	50,703.86						
1406-101.1	Winding block dwgs for prototype leads?????????	01JUN04A	87*	30SEP04A			100	20,590.40	20,590.40						
1406-102	Review/Approve Clamp& Chill Plate Dwgs	01JUN04A	107*	29OCT04A			100	22,487.41	22,487.41						
1406-103.0	Prep MIT plan	01OCT04A	0*	15OCT04A			100	2,644.00	2,644.00						
1406-103.1	Prepare for Twisted Racetrack FDR	01SEP04A	42*	29OCT04A			100	17,021.40	17,021.40						
1406-103.2	Twisted Racetrack FDR		0	15OCT04A			100	0.00	0.00						
1406-103.3	Resolve TRC FDR Issues	01NOV04A	100*	31MAR05A			100	2,480.00	2,480.00						
1406-105	Prepare ANSYS thermal analysis model	31OCT03A	3	31OCT03A			100	2,573.80	2,573.80						
1406-106	Analyze Thermal Behavior due to pulse	31OCT03A	3	31OCT03A			100	2,573.80	2,573.80						
1406-107	Calculate EM Loads due to max current	03NOV03A	3	26NOV03A			100	5,147.60	5,147.60						
1406-108	Prep MECHANICA Struct Analysis Model	03NOV03A	3	26NOV03A			100	5,147.60	5,147.60						
1406-109	Analyze Stress/deflection due to cooldown,pulse	01SEP04A	5*	30SEP04A			100	5,147.60	5,147.60						
1406-111	Write papers and present at conferences	01SEP04A	241*	30SEP04A			100	30,885.60	30,885.60						
1406-150	Winding pack assy	01OCT04A	0*	29OCT04A			100	1,240.00	1,240.00						
1406-151	Lead ends & closure	01OCT04A	21*	29OCT04A			100	1,240.00	1,240.00						
1406-152	Terminal Assy	01OCT04A	21*	29OCT04A			100	1,240.00	1,240.00						

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget					
										FY05	FY06	FY07	FY08	FY09
1406-153	VPI mold assy	01OCT04A	21*	29OCT04A			100	1,240.00	1,240.00					
1406-154	Clamp assy	01OCT04A	21*	29OCT04A			100	1,240.00	1,240.00					
1406-155	Cooling ,electr schematics	01OCT04A	21*	29OCT04A			100	1,240.00	1,240.00					
1406-156	I&C dwgs	01OCT04A	21*	29OCT04A			100	1,240.00	1,240.00					
1406-157	Build to specification	01NOV04A	67*	23DEC04A			100	2,480.00	2,480.00					
1406-104	Prepare Draft of Coil Test Plan	01OCT03A	416*	31MAY05A			100	5,562.95	5,562.95					
1406-110	Finalize, Approve coil test plan	01DEC03A	412*	27JUL05	154		75	8,499.20	11,332.27					
+ Prior Costs														
		01JUN04A	86	30SEP04A			100	5,782.20	5,782.20					
+														
		24JAN05A	91	30JUN05A			LOE	79,570.00	79,570.00					
Job:1408-Mod Coil Winding Supplies-CHRZANOWSKI														
+ Prior Costs														
		01APR03A	64	30SEP03A			100	29,790.00	29,790.00					
Copper Conductor														
1408-141	Copper Conductor -Spec & Requisition	02AUG04A	3	27AUG04A			100	2,472.00	2,472.00					
1408-142	Copper Conductor -Prep & Issue RFQ/RFP	30AUG04A	23*	30SEP04A			100	0.00	0.00					
1408-143	Copper Conductor -Evaluate Bids & Award	30SEP04A	5	30SEP04A			100	0.00	0.00					
1408-143.1	Mod Coil Copper Conductor Awarded		0	01OCT04A			100	0.00	0.00					
1408-147	Copper Conductor -Delivery #1 PE005371	01OCT04A	63*	23DEC04A			100	12,002.97	12,002.97					
1408-145	Copper Conductor -Delivery #2 PE005371	01MAR05A	66*	29APR05A			100	228,056.43	228,056.43					
1408-146	Add'l Copper Conductor f/trial winding PE005371	01JUL05*	21*	01AUG05	1,059		35	0.00	30,744.00					
+ 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	18JUL05	1	18JUL05	175			0.00	0.00					
1408-503	Bid and Award Type C Cladding	19JUL05	30	29AUG05	175			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	Fabr Cladding Type C for Coil c2	30AUG05	15	19SEP05	175			0.00	3,586.80					
1408-509	Fabr Cladding Type C for Coil c3	20SEP05	15	10OCT05	216			0.00	3,808.56					
1408-511	Fabr Cladding Type C for Coil c4	11OCT05	15	31OCT05	251			0.00	4,141.20					
1408-513	Fabr Cladding Type C for Coil c5	01NOV05	15	21NOV05	286			0.00	4,141.20					
1408-515	Fabr Cladding Type C for Coil c6	22NOV05	15	14DEC05	286			0.00	4,141.20					
1408-517	Submet Requisition for Type A Cladding	30AUG05	5	05SEP05	153			0.00	0.00					
1408-519	Bid and Award Type A Cladding	06SEP05	30	17OCT05	153			0.00	0.00					
1408-521	Fabr Cladding Type A for Coil a1	18OCT05	15	07NOV05	153			0.00	4,141.20					

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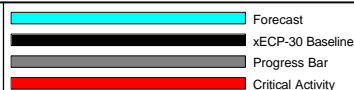
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Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY						
										FY05	FY06	FY07	FY08	FY09		
1408-523	Fabr Cladding Type A for Coil a2	01DEC05	15	21DEC05	184			0.00	4,141.20		■ 41=\$2.8k					
1408-525	Fabr Cladding Type A for Coil a3	12APR06	15	02MAY06	240			0.00	4,141.20		■ 41=\$2.8k					
1408-527	Fabr Cladding Type A for Coil a4	03MAY06	15	23MAY06	256			0.00	4,141.20		■ 41=\$2.8k					
1408-529	Fabr Cladding Type A for Coil a5	24MAY06	15	14JUN06	257			0.00	4,141.20		■ 41=\$2.8k					
1408-531	Fabr Cladding Type A for Coil a6	15JUN06	15	06JUL06	274			0.00	4,141.20		■ 41=\$2.8k					
1408-533	Submet Requisition for Type B Cladding	01NOV05	5	07NOV05	216			0.00	0.00							
1408-535	Bid and Award Type B Cladding	08NOV05	30	21DEC05	216			0.00	0.00							
1408-537	Fabr Cladding Type B for Coil b1	20JAN06	15	09FEB06	201			0.00	4,141.20		■ 41=\$2.8k					
1408-539	Fabr Cladding Type B for Coil b2	22MAR06	15	11APR06	239			0.00	4,141.20		■ 41=\$2.8k					
1408-541	Fabr Cladding Type B for Coil b3	07JUL06	15	27JUL06	285			0.00	4,141.20		■ 41=\$2.8k					
1408-543	Fabr Cladding Type B for Coil b4	28JUL06	15	17AUG06	285			0.00	4,141.20		■ 41=\$2.8k					
1408-545	Fabr Cladding Type B for Coil b5	21AUG06	15	08SEP06	327			0.00	4,141.20		■ 41=\$2.8k					
1408-547	Fabr Cladding Type B for Coil b6	11SEP06	15	29SEP06	331			0.00	4,141.20		■ 41=\$2.8k					
Lead hardware & Fillers																
1408-705	Fabr Lead HW Type C for Coil c1	01JUL05A	35	19AUG05	166			0.00	94,378.80		■ em//sm Machinist= 240 hrs; 41=\$54k					
1408-707	Fabr Lead HW Type C for Coil c2	01JUL05A	35	19AUG05	206			0.00	25,204.80		■ em//sm Machinist= 240 hrs					
1408-701	Submet Requisition for Type C3-C6 Lead HW	18JUL05	5	22JUL05	238			0.00	0.00							
1408-703	Bid and Award Type C3-C6 Lead HW	25JUL05	30	02SEP05	238			0.00	0.00							
1408-709	Fabr Lead HW Type C for Coil c3	05SEP05	20	30SEP05	238			0.00	25,204.80		■ em//sm Machinist= 240 hrs					
1408-711	Fabr Lead HW Type C for Coil c4	03MAR06	20	30MAR06	168			0.00	28,252.80		■ em//sm Machinist= 240 hrs					
1408-713	Fabr Lead HW Type C for Coil c5	09MAY06	20	06JUN06	168			0.00	28,252.80		■ em//sm Machinist= 240 hrs					
1408-715	Fabr Lead HW Type C for Coil c6	03JUL06	20	31JUL06	146			0.00	28,252.80		■ em//sm Machinist= 240 hrs					
1408-717	Submet Requisition for Type A Lead HW	30AUG05	5	05SEP05	163			0.00	0.00							
1408-719	Bid and Award Type A Lead HW	06SEP05	30	17OCT05	163			0.00	0.00							
1408-721	Fabr Lead HW Type A for Coil a1	11NOV05	20	12DEC05	145			0.00	28,252.80		■ em//sm Machinist= 240 hrs					
1408-723	Fabr Lead HW Type A for Coil a2	15FEB06	20	14MAR06	146			0.00	28,252.80		■ em//sm Machinist= 240 hrs					
1408-725	Fabr Lead HW Type A for Coil a3	08SEP06	20	05OCT06	145			0.00	28,383.36		■ em//sm Machinist= 240 hrs					
1408-727	Fabr Lead HW Type A for Coil a4	21SEP06	20	18OCT06	167			0.00	28,677.12		■ em//sm Machinist= 240 hrs					
1408-729	Fabr Lead HW Type A for Coil a5	14NOV06	20	13DEC06	146			0.00	28,905.60		■ em//sm Machinist= 240 hrs					
1408-731	Fabr Lead HW Type A for Coil a6	29NOV06	20	03JAN07	168			0.00	28,905.60		■ em//sm Machinist= 240 hrs					
1408-733	Submet Requisition for Type B Lead HW	01NOV05	5	07NOV05	226			0.00	0.00							
1408-735	Bid and Award Type B Lead HW	08NOV05	30	21DEC05	226			0.00	0.00							
1408-737	Fabr Lead HW Type B for Coil b1	21APR06	20	18MAY06	146			0.00	28,252.80		■ em//sm Machinist= 240 hrs					
1408-739	Fabr Lead HW Type B for Coil b2	17JUL06	20	11AUG06	168			0.00	28,252.80		■ em//sm Machinist= 240 hrs					
1408-741	Fabr Lead HW Type B for Coil b3	19FEB07	20	16MAR07	147			0.00	28,905.60		■ em//sm Machinist= 240 hrs					
1408-743	Fabr Lead HW Type B for Coil b4	01FEB07	20	28FEB07	169			0.00	28,905.60		■ em//sm Machinist= 240 hrs					
1408-745	Fabr Lead HW Type B for Coil b5	15MAY07	20	12JUN07	154			0.00	28,905.60		■ em//sm Machinist= 240 hrs					

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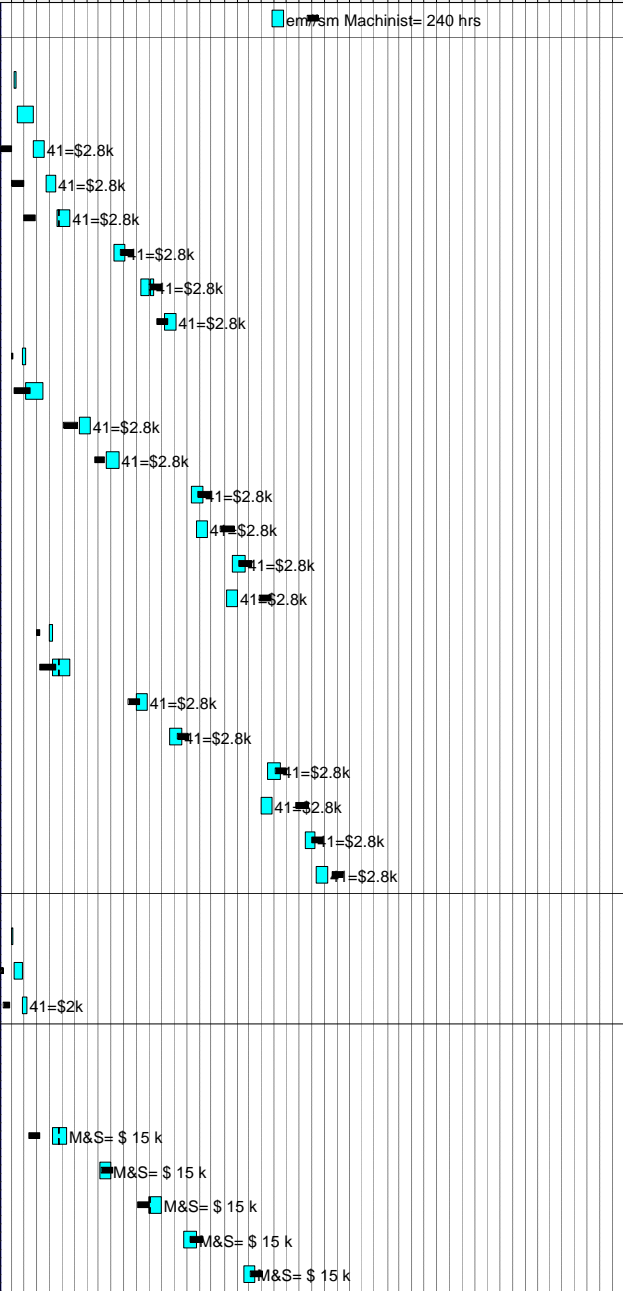
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NCSX
JUNE 2005
Status against ECP-30

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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget											
										FY05	FY06	FY07	FY08	FY09						
1408-747	Fabr Lead HW Type B for Coil b6	27APR07	20	24MAY07	185			0.00	28,905.60											
Chill Plates																				
1408-601	Submet Requisition for Type C Chill Plts	08AUG05	5	12AUG05	146			0.00	0.00											
1408-603	Bid and Award Type C Chill Plts	15AUG05	30	23SEP05	146			0.00	0.00											
1408-605	Fabr Chill Plts Type C for Coil c1	26SEP05	20	21OCT05	146			0.00	4,002.60											
1408-607	Fabr Chill Plts Type C for Coil c2	24OCT05	20	18NOV05	173			0.00	4,141.20											
1408-609	Fabr Chill Plts Type C for Coil c3	21NOV05	20	20DEC05	210			0.00	4,141.20											
1408-611	Fabr Chill Plts Type C for Coil c4	07APR06	20	04MAY06	168			0.00	4,141.20											
1408-613	Fabr Chill Plts Type C for Coil c5	14JUN06	20	12JUL06	168			0.00	4,141.20											
1408-615	Fabr Chill Plts Type C for Coil c6	09AUG06	20	05SEP06	145			0.00	4,141.20											
1408-617	Submet Requisition for Type A Chill Plts	30AUG05	5	05SEP05	200			0.00	0.00											
1408-619	Bid and Award Type A Chill Plts	06SEP05	30	17OCT05	200			0.00	0.00											
1408-621	Fabr Chill Plts Type A for Coil a1	12JAN06	20	08FEB06	146			0.00	4,141.20											
1408-623	Fabr Chill Plts Type A for Coil a2	22MAR06	20	18APR06	146			0.00	4,141.20											
1408-625	Fabr Chill Plts Type A for Coil a3	13OCT06	20	09NOV06	145			0.00	3,878.00											
1408-627	Fabr Chill Plts Type A for Coil a4	26OCT06	20	22NOV06	168			0.00	3,878.00											
1408-629	Fabr Chill Plts Type A for Coil a5	23JAN07	20	19FEB07	147			0.00	3,878.00											
1408-631	Fabr Chill Plts Type A for Coil a6	05JAN07	20	01FEB07	169			0.00	3,878.00											
1408-633	Submet Requisition for Type B Chill Plts	01NOV05	5	07NOV05	254			0.00	0.00											
1408-635	Bid and Award Type B Chill Plts	08NOV05	30	21DEC05	254			0.00	0.00											
1408-637	Fabr Chill Plts Type B for Coil b1	01JUN06	20	28JUN06	146			0.00	4,141.20											
1408-639	Fabr Chill Plts Type B for Coil b2	22AUG06	20	18SEP06	167			0.00	4,141.20											
1408-641	Fabr Chill Plts Type B for Coil b3	18APR07	20	15MAY07	147			0.00	3,878.00											
1408-643	Fabr Chill Plts Type B for Coil b4	02APR07	20	27APR07	168			0.00	3,878.00											
1408-645	Fabr Chill Plts Type B for Coil b5	16JUL07	20	10AUG07	153			0.00	3,878.00											
1408-647	Fabr Chill Plts Type B for Coil b6	13AUG07	20	07SEP07	152			0.00	3,878.00											
Tubing																				
1408-761	Submet Requisition for Tubing	01AUG05	5	05AUG05	176			0.00	0.00											
1408-763	Bid and Award Tubing	08AUG05	15	26AUG05	176			0.00	0.00											
1408-765	Deliver Tubing	29AUG05	10	09SEP05	176			0.00	2,562.00											
Epoxy																				
1408-111	Epoxy - Requisition	01JAN05A	5	31JAN05A			100	0.00	0.00											
1408-114	Epoxy -Evaluate Bids & Award	01MAY05A	10	31MAY05A			100	0.00	0.00											
1408-117	Epoxy -1st Delivery for Production	11NOV05	20	12DEC05	321			0.00	22,185.00											
1408-119	Epoxy -2nd Delivery for Production	03MAR06	20	30MAR06	285			0.00	22,185.00											
1408-121	Epoxy -3rd Delivery for Production	03JUL06	20	31JUL06	237			0.00	22,185.00											
1408-123	Epoxy -4th Delivery for Production	26SEP06	20	23OCT06	213			0.00	20,775.00											
1408-125	Epoxy -5th Delivery for Production	19FEB07	20	16MAR07	188			0.00	20,775.00											



Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days=1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	Calendar												
										FY05	FY06	FY07	FY08	FY09								
1408-127	Epoxy -6th Delivery for Production	30MAY07	20	26JUN07	146			0.00	20,775.00													
Clamps																						
1408-901	Submet Requisition for Type C Clamps	02AUG05	5	08AUG05	361			0.00	0.00													
1408-903	Bid and Award Type C Clamps	09AUG05	40	03OCT05	361			0.00	0.00													
1408-905	Fabr Clamps Type C for Coil c1	04OCT05	30	14NOV05	361			0.00	22,185.00													
1408-907	Fabr Clamps Type C for Coil c2	15NOV05	30	05JAN06	361			0.00	22,185.00													
1408-909	Fabr Clamps Type C for Coil c3	07MAR06	30	17APR06	303			0.00	22,185.00													
1408-911	Fabr Clamps Type C for Coil c4	11MAY06	30	22JUN06	271			0.00	22,185.00													
1408-913	Fabr Clamps Type C for Coil c5	25JUL06	30	04SEP06	246			0.00	22,185.00													
1408-915	Fabr Clamps Type C for Coil c6	12SEP06	30	23OCT06	219			0.00	21,433.00													
1408-917	Submet Requisition for Type A Clamps	30AUG05	5	05SEP05	378			0.00	0.00													
1408-919	Bid and Award Type A Clamps	06SEP05	40	31OCT05	378			0.00	0.00													
1408-921	Fabr Clamps Type A for Coil a1	17FEB06	30	30MAR06	308			0.00	22,185.00													
1408-923	Fabr Clamps Type A for Coil a2	25APR06	30	06JUN06	276			0.00	22,185.00													
1408-925	Fabr Clamps Type A for Coil a3	16NOV06	30	08JAN07	242			0.00	20,775.00													
1408-927	Fabr Clamps Type A for Coil a4	06DEC06	30	24JAN07	236			0.00	20,775.00													
1408-929	Fabr Clamps Type A for Coil a5	19FEB07	30	30MAR07	196			0.00	20,775.00													
1408-931	Fabr Clamps Type A for Coil a6	05MAR07	30	13APR07	193			0.00	20,775.00													
1408-933	Submet Requisition for Type B Clamps	01NOV05	5	07NOV05	362			0.00	0.00													
1408-935	Bid and Award Type B Clamps	08NOV05	40	12JAN06	362			0.00	0.00													
1408-937	Fabr Clamps Type B for Coil b1	06JUL06	30	16AUG06	240			0.00	22,185.00													
1408-939	Fabr Clamps Type B for Coil b2	28SEP06	30	08NOV06	214			0.00	20,869.00													
1408-941	Fabr Clamps Type B for Coil b3	15MAY07	30	26JUN07	149			0.00	20,775.00													
1408-943	Fabr Clamps Type B for Coil b4	31MAY07	30	11JUL07	145			0.00	20,775.00													
1408-945	Fabr Clamps Type B for Coil b5	13AUG07	30	21SEP07	164			0.00	20,775.00													
1408-947	Fabr Clamps Type B for Coil b6	07SEP07	30	18OCT07	153			0.00	20,936.00													
Other																						
1408-137	Safety & PPE equipt & supplies	01MAY05A	689	31JAN08	434	5		1,054.11	21,082.14													
1408-138	Misc. Supplies	01JUL05*	646	31JAN08	434			0.00	16,965.14													
1408-173	Epoxy for Shell Mold (Hysol)	01AUG05*	626	31JAN08	434			0.00	25,524.06													
1408-183	Tubing (Chem flor and Poly)	01AUG05*	45	30SEP05	1,015			0.00	44,835.00													
1408-184	Vulcanizing tape, felt and RTV	01AUG05*	45	30SEP05	1,015			0.00	28,182.00													
1408-185	Valves and Fittings	01AUG05*	45	30SEP05	1,015			0.00	19,215.00													
1408-186	Manifolds	01AUG05*	295	29SEP06	765			0.00	83,612.87													
I&C																						
174-035	Modular Coil local I&C -Procurement	01AUG05	60	21OCT05	146			0.00	17,735.57													

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Forecast
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Progress Bar
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY					
										FY05	FY06	FY07	FY08	FY09	
Job: 1419 - Winding Facility Mods-CHRZANOWSKI															
1419-100	Holes in flange	01JUL05	22	02AUG05	1,052			0.00	0.00						
1419-105	Paint Plates	01JUL05	22	02AUG05	1,052			0.00	0.00						
Job: 1411-MCWF Fabrication S005242-HEITZENROEDER															
172-031	Title III engr	24MAY04A	690*	01MAR07	660	LOE		70,060.18	175,150.48	Heitzenroeder =342hr; Williamson = 200 hr ; travel=\$48k					
MCWF-001	EIO Project Mgt. & Reporting	29OCT04A	497*	02OCT06	773	42		381,708.60	908,830.00						
MCWF-011	Pattern A complete	29OCT04A	126*	01APR05A		100		290,125.00	290,125.00						
MCWF-021	Pattern B complete	01DEC04A	171*	01AUG05	1,078	25		63,780.00	255,120.00	48=255 ;					
MCWF-031	Major Tool Tooling Complete	29OCT04A	82*	28FEB05A		100		628,622.00	628,622.00						
MCWF-041	Materials (MetalTek)	29NOV04A	282*	30DEC05	373	67		498,982.50	744,750.00	48=145 ;					
MCWF-051	C1-MTK-casting upgrade	20DEC04A	63*	31MAR05A		100		144,138.12	144,138.12						
MCWF-061	C1-MTM - machining/inspection	01APR05A	87*	01AUG05	163	M 70		108,437.00	154,910.00	48=155 ;					
MCWF-071	C1-Receive at PPPL		0	02AUG05	154	CD		0.00	0.00	▼					
C-121.1	First MCWF C-1 Delivered		0	02AUG05	163			0.00	0.00	▼					
MCWF-081	C2-MTK-casting	01APR05A	66*	27JUN05A		100		140,810.00	140,810.00	48=141 ;					
MCWF-091	C2-MTM - machining/inspection	01JUL05A	63*	27SEP05	176	M 5		7,745.50	154,910.00	48=155 ;					
MCWF-101	C2-Receive at PPPL		0	29SEP05	167	CD		0.00	0.00	▼					
MCWF-111	A1-MTK-casting	22APR05A	61*	15JUL05	179	60		84,600.00	141,000.00	48=141 ;					
MCWF-121	A1-MTM - machining/inspection	18JUL05	61*	10OCT05	179	M		0.00	154,910.00	48=155 ;					
MCWF-131	A1-Receive at PPPL		0	13OCT05	170	CD		0.00	0.00	▼					
MCWF-141	C3-MTK-casting	12MAY05A	62*	05AUG05	209	50		70,405.00	140,810.00	48=141 ;					
MCWF-151	C3-MTM - machining/inspection	08AUG05	61*	31OCT05	209	M		0.00	154,910.00	48=155 ;					
MCWF-161	C3-Receive at PPPL		0	02NOV05	199	CD		0.00	0.00	▼					
MCWF-171	A2-MTK-casting	21JUL05*	26*	25AUG05	212			0.00	140,810.00	48=141 ;					
MCWF-181	A2-MTM - machining/inspection	26AUG05	62*	21NOV05	212	M		0.00	154,910.00	48=155 ;					
MCWF-191	A2-Receive at PPPL		0	23NOV05	201	CD		0.00	0.00	▼					
MCWF-201	C4-MTK-casting	18AUG05	24*	20SEP05	225			0.00	140,810.00	48=141 ;					
MCWF-211	C4-MTM - machining/inspection	21SEP05	60*	13DEC05	228	M		0.00	154,910.00	48=155 ;					
MCWF-221	C4-Receive at PPPL		0	15DEC05	219	CD		0.00	0.00	▼					
MCWF-231	B1-MTK-casting	15SEP05*	17*	07OCT05	225			0.00	140,810.00	48=141 ;					
MCWF-241	B1-MTM - machining/inspection	10OCT05*	65*	06JAN06	225	M		0.00	154,910.00	48=155 ;					
MCWF-251	B1-Receive at PPPL		0	10JAN06	222	CD		0.00	0.00	▼					
MCWF-261	C5-MTK-casting	13OCT05*	12*	28OCT05	255			0.00	140,810.00	48=141 ;					
MCWF-271	C5-MTM - machining/inspection	31OCT05	63*	25JAN06	255	M		0.00	154,910.00	48=155 ;					
MCWF-281	C5-Receive at PPPL		0	27JAN06	245	CD		0.00	0.00	▼					
MCWF-291	C6-MTK-casting	28OCT05*	15*	17NOV05	257			0.00	140,810.00	48=141 ;					

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 Forecast
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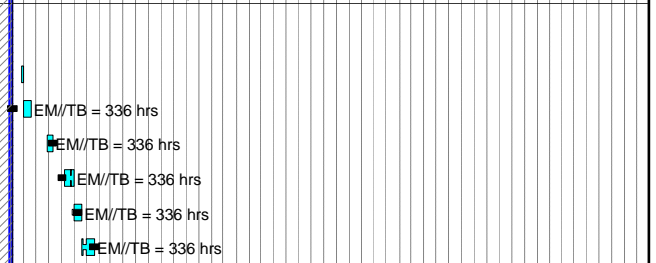
Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	Fiscal Year				
										FY05	FY06	FY07	FY08	FY09
MCWF-301	C6-MTM - machining/inspection	21NOV05	61*	13FEB06	256	M		0.00	154,910.00					
MCWF-311	C6-Receive at PPPL		0	15FEB06	246	CD		0.00	0.00					
MCWF-321	B2-MTK-casting	17NOV05*	17*	09DEC05	269			0.00	140,810.00					
MCWF-331	B2-MTM - machining/inspection	12DEC05	64*	09MAR06	269	M		0.00	154,910.00					
MCWF-341	B2-Receive at PPPL		0	13MAR06	259	CD		0.00	0.00					
MCWF-351	A3-MTK-casting	09DEC05*	21*	06JAN06	266			0.00	140,810.00					
MCWF-361	A3-MTM - machining/inspection	09JAN06	62*	04APR06	266	M		0.00	154,910.00					
MCWF-371	A3-Receive at PPPL		0	07APR06	256	CD		0.00	0.00					
MCWF-381	A4-MTK-casting	06JAN06*	11*	20JAN06	285			0.00	140,810.00					
MCWF-391	A4-MTM - machining/inspection	26JAN06	63*	24APR06	283	M		0.00	154,910.00					
MCWF-401	A4-Receive at PPPL		0	27APR06	273	CD		0.00	0.00					
MCWF-411	A5-MTK-casting	03FEB06*	11*	17FEB06	285			0.00	140,810.00					
MCWF-421	A5-MTM - machining/inspection	20FEB06	60*	12MAY06	285	M		0.00	154,910.00					
MCWF-431	A5-Receive at PPPL		0	17MAY06	275	CD		0.00	0.00					
MCWF-441	A6-MTK-casting	03MAR06*	3*	07MAR06	304			0.00	140,810.00					
MCWF-451	A6-MTM - machining/inspection	13MAR06	61*	05JUN06	301	M		0.00	154,910.00					
MCWF-461	A6-Receive at PPPL		0	07JUN06	292	CD		0.00	0.00					
MCWF-471	B3-MTK-casting	07MAR06*	18*	30MAR06	307			0.00	140,810.00					
MCWF-481	B3-MTM - machining/inspection	31MAR06	66*	30JUN06	307	M		0.00	154,910.00					
MCWF-491	B3-Receive at PPPL		0	03JUL06	299	CD		0.00	0.00					
MCWF-501	B4-MTK-casting	30MAR06*	16*	20APR06	310			0.00	140,810.00					
MCWF-511	B4-MTM - machining/inspection	21APR06	63*	18JUL06	310	M		0.00	154,910.00					
MCWF-521	B4-Receive at PPPL		0	20JUL06	302	CD		0.00	0.00					
MCWF-531	B5-MTK-casting	20APR06*	17*	12MAY06	355			0.00	140,810.00					
MCWF-541	B5-MTM - machining/inspection	15MAY06	65*	11AUG06	355	M		0.00	154,910.00					
MCWF-551	B5-Receive at PPPL		0	16AUG06	342	CD		0.00	0.00					
MCWF-561	B6-MTK-casting	12MAY06*	15*	01JUN06	362			0.00	140,810.00					
MCWF-571	B6-MTM - machining/inspection	06JUN06	63*	31AUG06	360	M		0.00	154,910.00					
MCWF-581	B6-Receive at PPPL		0	05SEP06	348	CD		0.00	0.00					
C-501B1	Last MCWF Delivered		0	05SEP06	360			0.00	0.00					

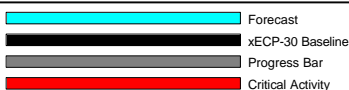
Job: 1451 - Mod Coil Winding-CHRZANOWSKI

Station 1 Prep casing & Install Cladding

1451TRAIN	Training for winding teams	29JUL05	3	02AUG05	154			0.00	0.00					
P1-001	Rec C1, Prep& Instl Cladding(Sta 1) >>>@+50%	03AUG05	12	18AUG05	154	2		0.00	25,038.72					
P1-091	Receive C2, Prep& Instl Cladding(Sta 1)>>@+30%	30SEP05	10	13OCT05	167	2		0.00	27,925.12					
P2-001	Receive A1, Prep& Instl Cladding(Station 1)	08NOV05	15	30NOV05	153			0.00	28,069.44					
P2-091	Receive C3, Prep& Instl Cladding(Station 1)	01DEC05	15	21DEC05	181			0.00	28,069.44					
P3-001	Receive A2, Prep& Instl Cladding(Station 1)	22DEC05	15	19JAN06	183			0.00	28,069.44					



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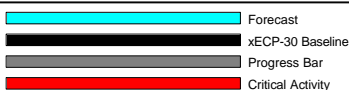
NCSX
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY				
										FY05	FY06	FY07	FY08	FY09
P3-091	Receive C4, Prep& Instl Cladding(Station 1)	20JAN06	15	09FEB06	200			0.00	28,069.44					
P1-031	Receive B1, Prep& Instl Cladding(Station 1)	10FEB06	15	02MAR06	200			0.00	28,069.44					
P1-121	Receive C5, Prep& Instl Cladding(Station 1)	03MAR06	13	21MAR06	221			0.00	28,069.44					
P2-031	Receive C6, Prep& Instl Cladding(Station 1)	22MAR06	15	11APR06	222			0.00	28,069.44					
P2-121	Receive B2, Prep& Instl Cladding(Station 1)	12APR06	15	02MAY06	238			0.00	28,069.44					
P3-031	Receive A3, Prep& Instl Cladding(Station 1)	03MAY06	15	23MAY06	239			0.00	28,069.44					
P3-121	Receive A4, Prep& Instl Cladding(Station 1)	24MAY06	15	14JUN06	255			0.00	28,069.44					
P1-061	Receive A5, Prep& Instl Cladding(Station 1)	15JUN06	15	06JUL06	256			0.00	28,069.44					
P1-151	Receive A6, Prep& Instl Cladding(Station 1)	07JUL06	15	27JUL06	272			0.00	28,069.44					
P2-061	Receive B3, Prep& Instl Cladding(Station 1)	28JUL06	15	17AUG06	282			0.00	28,069.44					
P2-151	Receive B4, Prep& Instl Cladding(Station 1)	18AUG06	15	08SEP06	282			0.00	28,069.44					
P3-061	Receive B5, Prep& Instl Cladding(Station 1)	11SEP06	15	29SEP06	326			0.00	28,069.44					
P3-151	Receive B6, Prep& Instl Cladding(Station 1)	02OCT06	15	20OCT06	330			0.00	28,717.92					
Station 2-Winding, Instl Chill Plates,Tubing,Bag														
P1-011	Wind coil C1 >>>@+50%	01SEP05	37	24OCT05	145	2		0.00	95,359.38					
P1-011J	Complete Winding First Modular Coil		0	24OCT05	145			0.00	0.00					
P1-020	Instl Chill Plates,Tubing, Bag C1 (Sta2)>>@+50%	25OCT05	33	12DEC05	145			0.00	35,755.12					
P2-011	Wind coil A1>>>@ +10%	13DEC05	36	08FEB06	145	1.5		0.00	101,584.64					
P2-020	Instl Chill Plates,Tubing, Bag A1 (Sta2)>>>@+10%	09FEB06	24	14MAR06	145			0.00	35,755.12					
P3-011	Wind coil A2	15MAR06	25	18APR06	145	2		0.00	101,584.64					
P3-020	Instl Chill Plates,Tubing, Bag A2 (Station 2)	19APR06	22	18MAY06	145			0.00	35,755.12					
P1-041	Wind coil B1	19MAY06	28	28JUN06	145	2		0.00	101,584.64					
P1-050	Instl Chl Plates,Tubing, Bag B1 (Station 2)	29JUN06	22	31JUL06	145			0.00	35,755.12					
P2-041	Wind coil C6 (station 2)	01AUG06	25	05SEP06	145	2		0.00	101,584.64					
P2-041JOUL	JOULE FY07 Cmplt winding one-half modular coils		0	05SEP06	267	2		0.00	0.00					
P2-050	Instl Chl Plates,Tubing, Bag C6 (Station 2)	06SEP06	22	05OCT06	145			0.00	35,905.31					
P3-041	Wind coil A3 (station 2)	06OCT06	25	09NOV06	145	2		0.00	103,931.52					
P3-050	Instl Chl Plates,Tubing, Bag A3 Station 2)	10NOV06	22	13DEC06	145			0.00	36,581.16					
P1-071	Wind coil A5 (station 2)@-15%	14DEC06	42	19FEB07	145			0.00	88,375.98					
P1-080	Instl Chl Plates,Tubing,Bag A5(Station 2)>>@-15%	20FEB07	19	16MAR07	145			0.00	31,111.08					
P2-071	Wind coil B3 (station 2)>>>@-15%	19MAR07	42	15MAY07	145			0.00	88,375.98					
P2-080	Instl Chill Plates,Tubing,Bag B3 (Station2)@-15%	16MAY07	19	12JUN07	145			0.00	31,111.08					
P3-071	Wind coil B5 (station 2)>>>@-15%	13JUN07	42	10AUG07	153			0.00	88,375.98					
P3-080	Instl Chill Plates,Tubing,Bag B5 Station2)>@-15%	13AUG07	19	07SEP07	153			0.00	31,111.08					
174-037	Modular Coil local I&C -Install (from wbs 143)	25OCT05	470	07SEP07	152			0.00	69,160.01					

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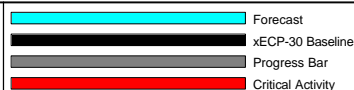
NCSX
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Status against ECP-30

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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY					
										FY05	FY06	FY07	FY08	FY09	
Station 3-Winding, Instl Chill Plates,Tubing,Bag															
P1-101	Wind coil C-2(sta 3)>> >@+30%	14OCT05	32	30NOV05	167	2		0.00	101,584.64						
P1-110	Instl Chill Plates,Tubing,Bag C2 (Sta 3)>>@+30%	01DEC05	29	18JAN06	167			0.00	35,755.12						
P2-101	Wind coil C-3 (station3) >>>@+10%	19JAN06	27	24FEB06	167	2		0.00	101,584.64						
P2-110	Instl Chill Plates,Tubing,Bag C3(Sta 3) >>>@+10%	27FEB06	24	30MAR06	167			0.00	35,755.12						
P3-101	Wind coil C4 (station 3)	31MAR06	25	04MAY06	167	2		0.00	101,584.64						
P3-110	Instl Chill Plates,Tubing, Bag C4 (Station 3)	05MAY06	22	06JUN06	167			0.00	35,755.12						
P1-131	Wind coil C5 (station 3)	07JUN06	25	12JUL06	167	2		0.00	101,584.64						
P1-140	Instl Chl Plates,Tubing, Bag C5 Station 3)	13JUL06	22	11AUG06	167			0.00	35,755.12						
P2-131	Wind coil B2 (station3)	14AUG06	25	18SEP06	167	2		0.00	101,584.64						
P2-140	Instl Chl Plates,Tubing, Bag B2 (Station 3)	19SEP06	22	18OCT06	167			0.00	36,243.23						
P3-131	Wind coil A4 (station 3)	19OCT06	25	22NOV06	167	2		0.00	103,931.52						
P3-140	Instl Chl Plates,Tubing, Bag A4 (Station 3)	27NOV06	22	03JAN07	167			0.00	36,581.16						
P1-161	Wind coil A6 (station 3)>>>@-15%	04JAN07	21	01FEB07	167	2		0.00	88,375.98						
P1-170	Instl Chill Plates,Tubing,Bag A6Station3)>>@-15%	02FEB07	19	28FEB07	167			0.00	31,111.08						
P2-161	Wind coil B4 (station 3)>>>@-15%	01MAR07	42	27APR07	167			0.00	88,375.98						
P2-170	Instl Chill Plates,Tubing,Bag B4Station3)>>@-15%	30APR07	19	24MAY07	167			0.00	31,111.08						
P3-161	Wind coil B6 (station 3)>>>@-15%	25MAY07	42	25JUL07	184			0.00	88,375.98						
P3-170	Instl Chill Plates,Tubing,Bag B6Station3)>>@-15%	10SEP07	19	04OCT07	153			0.00	31,347.11						
Station 5-VPI															
P1-021V	VPI (Station 5) C1	13DEC05	12	05JAN06	320			0.00	27,401.12						
P1-111V	VPI (Station 5) C2	19JAN06	12	03FEB06	311			0.00	27,401.12						
P2-021V	VPI (Station 5) A1	15MAR06	12	30MAR06	284			0.00	27,401.12						
P2-111V	VPI (Station 5) C3	31MAR06	12	17APR06	284			0.00	27,401.12						
P3-021V	VPI (Station 5) A2	19MAY06	12	06JUN06	261			0.00	27,401.12						
P3-111V	VPI (Station 5) C4	07JUN06	12	22JUN06	261			0.00	27,401.12						
P1-051V	VPI (Station 5) B1	01AUG06	12	16AUG06	235			0.00	27,401.12						
P1-141V	VPI (Station 5) C5	17AUG06	12	01SEP06	235			0.00	27,401.12						
P2-051V	VPI (Station 5) C6	06OCT06	12	23OCT06	212			0.00	28,034.16						
P2-141V	VPI (Station 5) B2	24OCT06	12	08NOV06	212			0.00	28,034.16						
P3-051V	VPI (Station 5) A3	14DEC06	12	08JAN07	223			0.00	28,034.16						
P3-141V	VPI (Station 5) A4	09JAN07	12	24JAN07	223			0.00	28,034.16						
P1-081V	VPI (Station 5) A5 @15% learning curve	19MAR07	10	30MAR07	186			0.00	23,846.13						
P1-171V	VPI (Station 5) A6 @15% learning curve	02APR07	10	13APR07	186			0.00	23,846.13						
P2-081V	VPI (Station 5) B3 @15% learning curve	13JUN07	10	26JUN07	145			0.00	23,846.13						
P3-081V	VPI (Station 5) B4 @15% learning curve	27JUN07	10	11JUL07	145			0.00	23,846.13						
P2-171V	VPI (Station 5) B5 @15% learning curve	10SEP07	10	21SEP07	162			0.00	23,846.13						
P3-171V	VPI (Station 5) B6 @15% learning curve	05OCT07	10	18OCT07	153			0.00	24,705.45						

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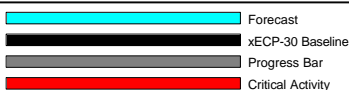
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY					
										FY05	FY06	FY07	FY08	FY09	
Station 1B Final Clamp Installation															
P1-021C	Final Clamps & Warm Test (Station1) C1	06JAN06	7	16JAN06	353			0.00	10,024.80						
P1-111C	Final Clamps & Warm Test (Station1) C2	06FEB06	7	14FEB06	339			0.00	10,024.80						
P2-021C	Final Clamps & Warm Test (Station1) A1	31MAR06	7	10APR06	307			0.00	10,024.80						
P2-111C	Final Clamps & Warm Test (Station1) C3	18APR06	7	26APR06	302			0.00	10,024.80						
P3-021C	Final Clamps & Warm Test (Station1) A2	07JUN06	7	15JUN06	274			0.00	10,024.80						
P3-111C	Final Clamps & Warm Test (Station1) C4	23JUN06	7	03JUL06	269			0.00	10,024.80						
P1-051C	Final Clamps & Warm Test (Station1) B1	17AUG06	7	25AUG06	238			0.00	10,024.80						
P1-141C	Final Clamps & Warm Test (Station1) C5	05SEP06	7	13SEP06	245			0.00	10,024.80						
P2-051C	Final Clamps & Warm Test (Station1) C6	24OCT06	7	01NOV06	217			0.00	10,256.40						
P2-141C	Final Clamps & Warm Test (Station1) B2	09NOV06	7	17NOV06	212			0.00	10,256.40						
P3-051C	Final Clamps & Warm Test (Station1) A3	09JAN07	7	17JAN07	240			0.00	10,256.40						
P3-141C	Final Clamps & Warm Test (Station1) A4	25JAN07	7	02FEB07	235			0.00	10,256.40						
P1-081C	Final Clamps & Warm Test (Station1) A5	02APR07	7	10APR07	195			0.00	10,256.40						
P1-171C	Final Clamps & Warm Test (Station1) A6	16APR07	7	24APR07	192			0.00	10,256.40						
P2-081C	Final Clamps & Warm Test (Station1) B3	27JUN07	7	06JUL07	148			0.00	10,256.40						
P3-081C	Final Clamps & Warm Test (Station1) B4	12JUL07	7	20JUL07	145			0.00	10,256.40						
P3-171C	Final Clamps & Warm Test (Station1) B5	24SEP07	7	02OCT07	165			0.00	10,362.00						
P2-171C	Final Clamps & Warm Test (Station1) B6	19OCT07	7	29OCT07	153			0.00	10,626.00						
LOE Oversight & Supervision															
171-040	Winding Oversight (LOE)	01AUG05*	600*	21DEC07	454			0.00	941,372.67					EA/EM Chrzanowski @ 70%=3244 EA/EM Raftopolous @40%=1843	
171-041	Tech Supervision	01AUG05*	707	29MAY08	347			0.00	349,042.92					EM/SM (Meighan) @ 70%=	
TITLE3W	Titel III Design ORNL- Component Fab & WINDING	01AUG05*	687*	30APR08	367			0.00	199,000.54					WILLIAMSON=908 (20%) travel=\$24k	
Job: 1421-Mod Coil Interface Hardware-WILLIAMSON															
1421-100	Submet Requisition for - Assy bolts,nuts,washers	06JUL06	10	19JUL06	164			0.00	0.00					williamson=16 hrs ETC only	
1421-105	Procurement lead time for-Assy bolts,nuts,washer	20JUL06	45	20SEP06	164			0.00	0.00						
1421-110	Deliver - Assy bolts,nuts,washers	21SEP06	65	22DEC06	164			0.00	0.00					m&s=\$132k ETC only	
1421-200	Submet Requisition for - Assembly shims	06JUL06	10	19JUL06	164			0.00	0.00					williamson=16 hrs ETC only	
1421-205	Procurement lead time for - Assembly shims	20JUL06	45	20SEP06	164			0.00	0.00						
1421-210	Deliver - Assembly shims	21SEP06	65	22DEC06	164			0.00	0.00					m&s=\$138k ETC only	
1421-300	Submet Requisition for - Eccentric ball assy	06JUL06	10	19JUL06	164			0.00	0.00					williamson=16 hrs ETC only	
1421-305	Procurement lead time for - Eccentric ball assy	20JUL06	45	20SEP06	164			0.00	0.00						
1421-310	Deliver - Eccentric ball assy	21SEP06	65	22DEC06	164			0.00	0.00					m&s=\$43k ETC only	
1421-400	Submet Requisition for - Bladders	06JUL06	10	19JUL06	164			0.00	0.00					williamson=16 hrs ETC only	
1421-405	Procurement lead time for - Bladders	20JUL06	45	20SEP06	164			0.00	0.00						
1421-410	Deliver - Bladders	21SEP06	65	22DEC06	164			0.00	0.00					m&s=\$60k ETC only	
1421-500	Submet Requisition for-Tooling plates&reaming HW	06JUL06	10	19JUL06	164			0.00	0.00					williamson=16 hrs ETC only	

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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY					
										FY05	FY06	FY07	FY08	FY09	
1421-505	Procurement lead time for-Tooling plates&reaming	20JUL06	45	20SEP06	164			0.00	0.00						
1421-510	Deliver-Tooling plates&reaming HW	21SEP06	65	22DEC06	164			0.00	0.00						
15 - Structures															
Job: 1501 - Structures Design- Kalish															
+ PDR/PBR Task List															
		07OCT03A	31	18NOV03A			100	18,540.00	18,540.00						
+ Reqmnts,Configuration, Interfaces and PDR															
		21OCT03A	242	30SEP04A				16,068.00	16,068.00						
1501-FY05	Prelim Design Structures	22DEC05	65	30MAR06	177			0.00	93,437.13	kalish=188;rushinski=188;dahlgren=133					
1501-PDR	Structures PDR		0	30MAR06	177			0.00	0.00						
1501-FD	Final Design Structures	31MAR06	65	30JUN06	177			0.00	93,437.13	kalish=188;rushinski=188;dahlgren=133					
1501-FDR	Structures FDR		0	30JUN06	177			0.00	0.00						
Job:1550 - Structures Procurement -KALISH															
1501-245	Prep Spec,Solicit Bids, and Evaluate Bids	03JUL06	65	02OCT06	177			0.00	0.00						
162-036.9	Award Coil Support Assy		0	02OCT06*	177			0.00	0.00						
162-037	WBS 151Coil Support Assy Procurement [A/1]	03OCT06	249	01OCT07	177			0.00	1,020,858.45	41=500\$k; 4E = 313.98 ; 35=02\$k ;					
162-031	Title III engr WBS 151	03OCT06	249	01OCT07	511			0.00	160,613.56	Kalish=720;ea//dm=218;					
153.037	WBS 153 Support Structure I&C Procurement/Fab	03OCT06*	249	01OCT07	511			0.00	9,039.07	em//sm=12;em//tb=48;41=\$2.52 k					
153.015	Title III design WBS 153 locall&C	03OCT06*	249	01OCT07	511			0.00	963.66	; em//sm=8					
16 - Coil Services															
161 - LN2 Distribution															
191-001	Title I design WBS 161 LN2 manifolds&piping	02OCT06*	65	10JAN07	306			0.00	58,172.50	EA//EM =80hr ; ORNLEM =251hr ;					
191-011	Title II design WBS 161 LN2 manifolds&piping	11JAN07	60	04APR07	306			0.00	116,516.90	EA//EM =80hr ; ORNLEM =281hr ;					
191-031	Title III engr WBS 161	05APR07	280	15MAY08	356			0.00	16,656.28	EM//EM =08hr ; ORNLEM =86hr ;					
191-037	Procurement WBS 161	05APR07	130	08OCT07	306			0.00	73,391.96	41=52.95\$k ;					
191-038	PDR#17	09OCT07*	86	15FEB08	420			0.00	62,458.88	41=44.36\$k ;					
191-041	LN2 Manifolds & ppg Fab/assy/instl WBS 161	09OCT07*	62	14JAN08	306			0.00	34,007.58	EM//SM =71hr ; EM//TB =284hr ;					
191-042	PDR #17,25,3	09OCT07*	65	17JAN08	441			0.00	10,839.44	EM//SM =23hr ; EM//TB =90hr ;					
162 - Electrical Leads															
132-000	PDR #17 & 25	02OCT06	325	24JAN08	436			0.00	41,396.19	Williamson =20; ornlrm=200					
132-001	Title I design WBS 162 Coil leads	02OCT06*	130	11APR07	303			0.00	153,159.10	Williamson =869; ornlrm=20					
132-011	Title II design WBS 162 Coil leads	12APR07	130	15OCT07	303			0.00	153,686.42	Williamson=868; ornlrm=20					
132-015	Title III design WBS 162 Coil leads	16OCT07*	60	17JAN08	441			0.00	18,540.24	ORNLEM =98; em//sm=8					
132-037	Coil Leads Procurement WBS 162	16OCT07*	60	17JAN08	303			0.00	314,856.96	41=223.6 k					
163 - Coil Protection System															
163.001	Title I design WBS 163 Coil protection	02OCT06*	65	10JAN07	656			0.00	43,149.40	Williamson =82;ornlrm=80;r//rm2=80					

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 Forecast
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 Progress Bar
 Critical Activity

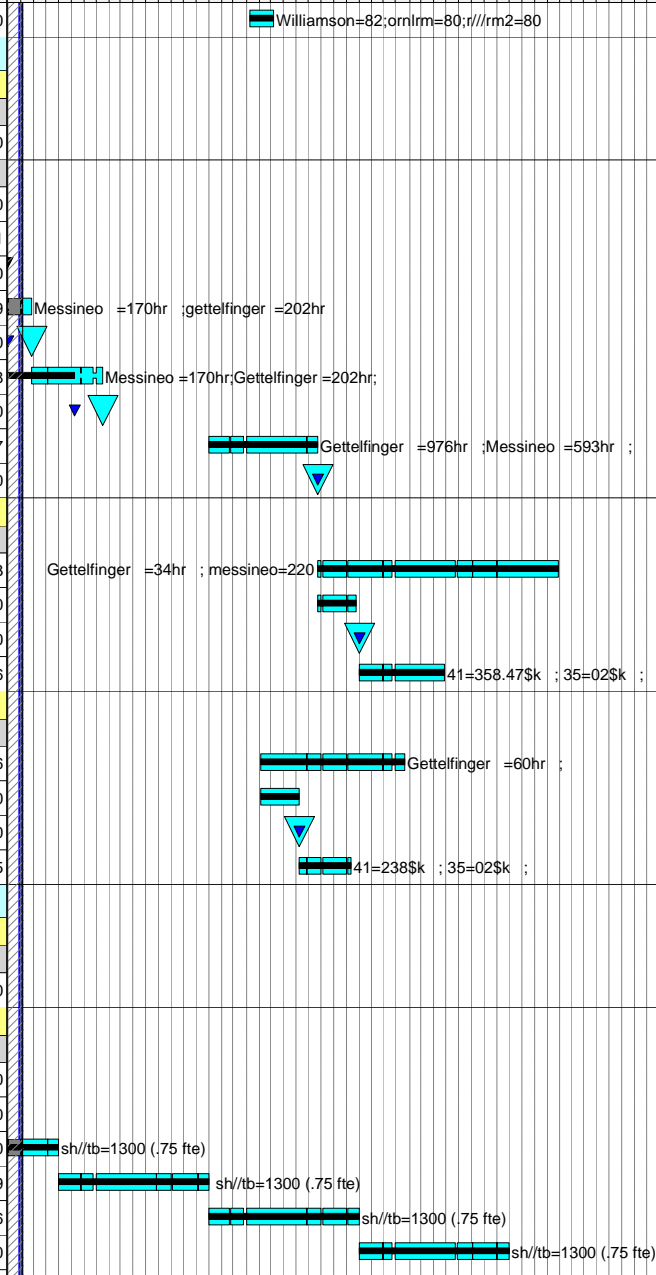
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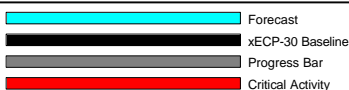
Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	Fiscal Year						
										FY05	FY06	FY07	FY08	FY09		
163.011	Title II design WBS 163 Coil protection	11JAN07	40	07MAR07	656			0.00	43,149.40							
17 - Cryostat and Base Support Structure																
Job:1701-Cryostat&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				0.00	0.00							
161-001	Title I design WBS 172 base support struct	01APR04A	331*	27JUL05	356	90		44,767.71	49,741.89							
151-003	Base Support Struct PDR		0	27JUL05	356			0.00	0.00							
161-011	Final Design Base Support Structure WBS 172	28JUL05	114	16JAN06	356			0.00	64,692.58							
172-199	Base Support Structure FDR		0	16JAN06	356			0.00	0.00							
151-011	Final Design Cryostat WBS 171	02OCT06*	181	22JUN07	175			0.00	248,548.17							
171-199	Cryostat FDR		0	22JUN07	175			0.00	0.00							
Job: 1751 - Cryostat Procurement																
171 - Cryostat																
151-031	Title III engr	25JUN07	405	28JAN09	175			0.00	33,054.33							
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	508,421.76							
Job: 1752 - Base Support Structure Procurement																
172 - Base Support Structure																
161-031	Title III engr WBS 172	06FEB07	240	22JAN08	438			0.00	11,161.46							
161-036.8	Prep Spec, Solicit bids, and Select Vendor	06FEB07*	65	07MAY07	241			0.00	0.00							
161-036.9	Award Machine Base&supports Procurement		0	07MAY07	241			0.00	0.00							
161-037	Machine Base&supports Procurement [A/1]	08MAY07	90	13SEP07	241			0.00	303,805.05							
18 - Field Period Assembly																
Job: 1801-Field Period Assly -CHRZANOWSKI (ORNL)																
+ Prior Costs																
		01APR03A	128	30SEP03A			100	60,800.00	60,800.00							
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*	30SEP05	1,010		LOE	101,448.48	136,539.00							
181.222	HP Coverage in the TFTR TC LOE FY06	03OCT05*	250*	02OCT06	760			0.00	151,697.99							
181.220	HP Coverage in the TFTR TC LOE FY07	02OCT06*	250*	01OCT07	511			0.00	155,203.36							
181.221	HP Coverage in the TFTR TC LOE FY08	01OCT07*	251*	30SEP08	261			0.00	160,771.00							
181.100	PPPL EM LOE FY04	13OCT03A	242*	30SEP04A			LOE	77,518.74	77,518.74							



Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY						
										FY05	FY06	FY07	FY08	FY09		
181.110	PPPL EM LOE FY05	01OCT04A	249*	30SEP05	1,010		LOE	7,151.52	9,625.20							
181.120	PPPL EM LOE FY06	06MAR06*	148*	02OCT06	760			0.00	116,541.57							
181.121	PPPL EM LOE FY07	02OCT06*	249*	28SEP07	512			0.00	269,898.66							
181.122	PPPL EM LOE FY08	01OCT07*	251*	30SEP08	261			0.00	279,624.87							
Job: 1803- FP Assy Toolg/Constructability-BROWN																
1.00-VV Prep Station																
1803-1.01	Concept definition and requirements	01FEB05A	10	28FEB05A			100	16,056.00	16,056.00							
1803-1.02	VV Support Fixture - model design& drawing detai	01FEB05A	73	31MAY05A			100	13,604.00	13,604.00							
1803-1.04	Metrology -sightline layout metrology support	13APR05A	18	31MAY05A			100	25,502.00	25,502.00							
1803-1.05	Structural / Seismic Analysis check	01FEB05A	86*	31MAY05A			100	13,220.00	13,220.00							
1803-1.06	Design review PDR VV Prep Station	18JUL05*	1*	18JUL05	395			0.00	1,983.00							
1803-1.09	Safety Review documentation / presentation	19JUL05	10	01AUG05	395			0.00	2,644.00							
1803-1.061	Design review FDR VV Prep Station	02AUG05*	2	03AUG05	395			0.00	1,983.00							
1803-1.07	Design check and sign-off	04AUG05*	5	10AUG05	395			0.00	3,462.80							
1803-1.10	Fab / Design Review - follow-up activities	04AUG05*	10	17AUG05	411			0.00	6,738.00							
1803-1.08	Prep & Issue Spec,dwgs,and requisition	11AUG05*	1	11AUG05	395			0.00	2,644.00							
1803-1.081	Procure Materials	12AUG05	20	08SEP05	395			0.00	12,810.00							
1803-1.12	PPPL FAB - VV support Fixture	09SEP05	45	10NOV05	412			0.00	5,301.97							
1803-1.13	PPPL FAB VV Prep Station Platform	09SEP05	45	10NOV05	412			0.00	5,301.97							
1803-1.14	PPPL FAB VV Prep Station metrology stands	09SEP05	45	10NOV05	412			0.00	5,301.97							
2.00-Half Period Assembly																
1803-2.01	Concept definition and requirements	03JAN05A	52*	28FEB05A			100	16,056.00	16,056.00							
1803-2.02	MC Holding Fixture - model design and drawing	01FEB05A	79*	29APR05A			100	21,728.00	21,728.00							
1803-2.04	Metrology - sightline layout design details metr	01JUL05*	10	15JUL05	1,070			0.00	21,728.00							
1803-2.05	Structural / Seismic Analysis check	01JUL05*	10	15JUL05	381			0.00	13,220.00							
1803-2.06	PDR Half Period Assy	18JUL05*	1	18JUL05	381			0.00	1,983.00							
1803-2.09	Safety Review documentation / presentation	01AUG05	10	12AUG05	381			0.00	2,644.00							
1803-2.061	FDR Half Period Assy	15AUG05*	1	15AUG05	381			0.00	1,983.00							
1803-2.10	Fab / Design Review - follow-up activities	16AUG05	10	29AUG05	1,039			0.00	6,738.00							
1803-2.07	Design check and sign-off	16AUG05	5	22AUG05	381			0.00	3,462.80							
1803-2.08A	Prep & Issue Spec,dwgs,and requisition	22AUG05	1	22AUG05	381			0.00	0.00							
1803-2.08	Procurement Lead Time and Award	23AUG05	55	07NOV05	381			0.00	2,782.57							
1803-2.11	Fab MC HP Assy Fixtures (2)	08NOV05	65	16FEB06	381			0.00	29,580.00							
1803-2.12	Fab MC MC HP Assy Metrology support stands (2)	08NOV05	65	16FEB06	381			0.00	14,790.00							
3.00-MC Installation																
1803-3.01	Concept definition and requirements	25OCT04A	5	29OCT04A			100	6,610.00	6,610.00							
1803-3.02	MC Turning Fixture and base - model design and d	15NOV04A	48*	31JAN05A			100	1,983.00	1,983.00							
1803-3.03	MC Gantry Crane - model design and drawing detai	29NOV04A	40*	31JAN05A			100	14,265.00	14,265.00							

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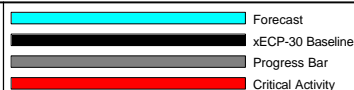
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	Fiscal Year					
										FY05	FY06	FY07	FY08	FY09	
1803-3.04	VV support stand - model design and drawing deta	29NOV04A	104*	29APR05A			100	8,849.00	8,849.00						
1803-3.05	Platform - design and drawing details	01FEB05A	7	29APR05A			100	9,179.50	9,179.50						
1803-3.084	Industry Info Meeting	21FEB05A	1	21FEB05A			100	0.00	0.00						
3.10 MC Turning Fixture-Industry Option															
1803-3.10A	Issue dwgs	02MAY05A	30	31MAY05A			100	20,243.80	20,243.80	Brown=68, Morris=88					
180303.10A	Issue RFP		0	31MAY05A			100	0.00	0.00						
1803-3.10C	Proposals Due		0	17JUN05A			100	0.00	0.00						
1803-3.14	DECISION ON APPROACH		0	08AUG05	221			0.00	0.00						
1803-3.15	PPPL Dsn Turning fixture	09AUG05	65	07NOV05	221			0.00	80,812.62	brown=140;morris=530					
1803-3.07	Seismic Analysis check	18OCT05*	15	07NOV05	989			0.00	29,371.20	IM FAN =160hr ;					
1803-3.15B	PDR Turning fixture & Base		0	12SEP05	261			0.00	0.00						
1803-3.15E	FDR Turning fixture & Base		0	07NOV05	221			0.00	0.00						
1803-3.07A	Prep Procurement Pkg	08NOV05*	35	05JAN06	221			0.00	0.00						
1803-3.08A	Issue RFP		0	05JAN06	221			0.00	0.00						
1803-3.08B	Recieve & Evaluate Bids	06JAN06	25	09FEB06	221			0.00	0.00						
1803-3.15D	Award Fabrication Contract		0	09FEB06	221			0.00	0.00						
1803-3.15C	Fabricate - MC Turning fixture & Base	10FEB06*	210	06DEC06	221			0.00	0.00	41=65\$K for fabrication					
1803-3.15A	Fabricate - MC Gantry Crane	10FEB06*	210	06DEC06	221			0.00	17,500.91	41=12\$K ;					
3.20 MC Turning Fixture-Crane Option															
1803-3.30	Develop Crane Design Option	01MAY05A	6*	31MAY05A			100	0.00	0.00						
1803-3.33	Design Equivalent Test Simulation Model	16MAY05A	33*	17JUN05A			100	6,416.80	6,416.80	VIOLA 40hrs					
1803-3.36	Design Test Track	20JUN05A	7	24JUN05A			100	6,416.80	6,416.80	VIOLA 40 hrs					
1803-3.39	Fab Test Track	27JUN05A	15*	18JUL05	221	50		28,163.30	56,326.60	ETC M&S \$25k, TECH FAB 240hrs, VIOLA 40hrs					
1803-3.40	Site Prep	27JUN05A	5	30JUN05A			100	0.00	0.00						
1803-3.43	Assembly of Test Article	19JUL05	5	25JUL05	221			0.00	11,923.20	TECH INSTALL TIME 160 hrs					
1803-3.46	Metrology set-up	22JUL05	5	28JUL05	221			0.00	0.00						
1803-3.49	Run Test	29JUL05	3	02AUG05	221			0.00	11,004.00	TECHS 96hrs, VIOLA 24hrs					
1803-3.50	Test Evaluation and Write up	03AUG05	4	08AUG05	221			0.00	2,566.72	VIOLA 16hrs					
1803-3.52	DECISION ON APPROACH		0	08AUG05	221			0.00	0.00						
3.30 MC Assy -Platforms,Suprt Stands,&other															
1803-3.08	** PDR ** Platform & Support Stands	08AUG05*	1	08AUG05	420			0.00	991.50	BROWN =6hr ;					
1803-3.12	Safety Review documentation / presentation	08AUG05*	10	19AUG05	420			0.00	2,644.00	BROWN =16hr ;					
1803-3.081	** FDR ** Platform & Support Stands	22AUG05*	1	22AUG05	420			0.00	991.50	BROWN =6hr ;					
1803-3.110	Prep & Issue Spec,dwgs,and req-pltfrm&sprts	23AUG05	1	23AUG05	420			0.00	0.00						
1803-3.101	Procurement lead time platforms & supports	24AUG05	55	08NOV05	420			0.00	10,454.61	BROWN =60hr ;					
1803-3.16	FAB - VV suprt stand & misc crane fixtures	09NOV05	70	24FEB06	420			0.00	22,185.00	41=15\$K ;					
1803-3.16A	FAB -Platform	09NOV05	70	24FEB06	420			0.00	14,790.00	41=10\$K ;					
1803-3.16B	FAB -MC Installation Metrology sprt stands	09NOV05	70	24FEB06	420			0.00	7,395.00	41=5\$K ;					

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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY				
										FY05	FY06	FY07	FY08	FY09
1803-3.11	Procurement Technical Rep	05JUL05*	140	26JAN06	939			0.00	26,629.66	BROWN =152hr ;				
1803-3.13	Fabrication - follow-up activities	05JUL05*	140	26JAN06	939			0.00	11,348.27	BROWN =40hr ; MORRIS =40 ;				
4.00-Final FP Assembly														
1803-4.01	Concept definition and requirements	01MAR05A	5	28MAR05A			100	10,704.00	10,704.00					
1803-4.02	MC Support Stand - model design and drawing deta	01APR05A	89	31MAY05A			100	14,265.00	14,265.00	BROWN =12hr ; MORRIS =120 ;				
1803-4.03	TF HP support turning fixture - model design d	01APR05A	15	30JUN05A			100	14,265.00	14,265.00	BROWN =12hr ; MORRIS =120 ;				
1803-4.04	FP Assembly platform - model design drawing det	01JUL05	20	29JUL05	1,060			0.00	28,530.00	BROWN =24hr ; MORRIS =240 ;				
1803-4.06	Metrology - sightline layout design details metr	13JUL05*	16	03AUG05	463			0.00	9,510.00	BROWN =08hr ; MORRIS =80 ;				
1803-4.07	Structural / Seismic Analysis check	18JUL05*	10	29JUL05	465			0.00	13,220.00	ANALYST =80hr ;				
1803-4.08	PDR Final FP Assy	01AUG05	1	01AUG05	465			0.00	1,322.00	BROWN =8hr ;				
1803-4.081	FDR Final FP Assy	04AUG05	1	04AUG05	463			0.00	1,322.00	BROWN =8hr ;				
1803-4.09	Design check and sign-off	05AUG05	5	11AUG05	463			0.00	3,462.80	BROWN =16hr ; MORRIS =08 ;				
1803-4.11	Safety Review documentation / presentation	21JUL05	10	03AUG05	463			0.00	2,644.00	BROWN =16hr ;				
1803-4.12	Fabrication - follow-up activities	28OCT05	65	07FEB06	463			0.00	7,485.12	BROWN =16hr ; MORRIS =40 ;				
1803-4.10A	Prep & Issue Spec,dwgs,and req-pltrfm&sprts	11AUG05	1	11AUG05	463			0.00	0.00					
1803-4.10	Procurement lead time	12AUG05	55	27OCT05	463			0.00	4,117.89	BROWN =24hr ;				
1803-4.13	FAB-MC Support Stands (2)	28OCT05*	65	07FEB06	463			0.00	14,790.00	4 = \$10k x 2 = \$10k ;				
1803-4.14	Fab -TF HP support and turning fixture (2)	28OCT05*	65	07FEB06	490			0.00	11,092.50	4 = \$5k				
1803-4.15	FAB-FP Assy platforms (2)	28OCT05*	65	07FEB06	463			0.00	44,370.00	4 = \$6k				
1803-4.16	FAB-MC Temporary End Supports (2)	28OCT05*	65	07FEB06	463			0.00	14,790.00	4 = \$6k x 2 = \$10k				
1803-4.17	FAB-Final FP Assy Metrology suprt stands (2)	28OCT05*	65	07FEB06	463			0.00	14,790.00	4 = \$6k x 2 = \$10k				
1803-4.18	FAB-VV Port alignment/weldment fixtures (2)	28OCT05*	65	07FEB06	463			0.00	14,790.00	4 = \$6k x 2 = \$10k				
5.00-TF HP Assembly														
1803-5.001	Concept definition and requirements	02MAY05A	10	31MAY05A			100	10,704.00	10,704.00	BROWN =40hr ; MORRIS =40 ;				
1803-5.002	TF Rotation Fixture plus dwgs	02MAY05A	78	19AUG05	454		75	32,592.00	43,456.00	BROWN =40hr ; MORRIS =360 ;				
1803-5.003	Metrology layout/support stand dwgs	18JUL05*	10	29JUL05	469			0.00	9,510.00	BROWN =8hr ; MORRIS =80 ;				
1803-5.004	Structural Analysis	11JUL05*	15	29JUL05	469			0.00	13,220.00	Analyst=80hrs				
1803-5.005	PDR	22AUG05*	5	26AUG05	454			0.00	0.00	BROWN =8 ETC ONLY				
1803-5.006	FDR	19SEP05*	5	23SEP05	439			0.00	0.00	BROWN =8 ETC ONLY				
1803-5.007	Pre & Issue Specs and Dwgs	26SEP05	5	30SEP05	439			0.00	0.00					
1803-5.008	Procurement Lead Time	03OCT05	55	20DEC05	439			0.00	0.00	BROWN =24 ETC ONLY				
1803-5.009	Fabricate TF HP Assembly (1)	21DEC05	65	29MAR06	439			0.00	0.00	41=\$30ketconly				
6.00-Interface/Test Activities														
1803-5.01	Finalize TFTR test cell FPA assembly layout draw	01JUN05A	30	13JUL05	1,062		50	4,533.20	9,066.40	BROWN =40hr ; PAUL =24 ;				
1803-5.02	Establish an assembly interface requirements doc	14JUL05*	10	27JUL05	1,062			0.00	6,610.00	BROWN =40hr ;				
1803-5.03	Design MC assy test components	01JUN05A	25	30JUN05A			100	32,112.00	32,112.00	BROWN =40hr ; ANALYST =80hr ; PAUL =120 ;				
1803-5.04	Fab - Test Articles	06JUL05*	45	06SEP05	1,018			0.00	19,215.00	41=\$15k				
1803-5.05	Metrology Validation	07SEP05	15	27SEP05	1,018			0.00	0.00					

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Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget						
										FY05	FY06	FY07	FY08	FY09	
7.00-Oversight															
1803-7.01	Meetings Prep and Reporting	01NOV04A	230*	30SEP05	1,015		LOE	81,764.57	114,037.05		BROWN =341hr ; PAUL =190 ;Fan=84	MORRIS =238 ;			
1803-7.02	Develop and maintain concept definition document	01NOV04A	230*	30SEP05	1,015		LOE	7,109.06	9,915.00						
1803-7.03	Develop and maintain assembly plan document	01NOV04A	230*	30SEP05	1,015		LOE	9,478.74	13,220.00		BROWN =60hr ;				
1803-7.04	Mike Cole's FY05 on-site involvement in assembly	01NOV04A	230*	30SEP05	1,015		LOE	17,781.60	24,800.00		BROWN =80hr ;	COLE =160hr ;			
Tooling Design & Fabrication															
713A.040	General procurements	02OCT06*	498	26SEP08	263			0.00	10,473.75						41=\$7.5k
713A.050	Welding tools, materials & equip	02OCT06*	498	26SEP08	263			0.00	10,473.75						41=\$7.5k
713A.060	Instl He gas piping from NSTX to D-site tc	02OCT06*	65	10JAN07	290			0.00	44,271.00			ETC=+ Kalish=40; em//sm=40; em//tb=240			ETC=+ ea/dm=80; 41=\$ 5.6 k
Job: 1804-FP Assy Measurement Sys-RAFTOPOULOS															
Metrology															
740.010	Final Design Measurement systems	19JAN04A	181*	30SEP04A			LOE	26,000.00	26,000.00						
740.011	3-D Scanner/Faro Arm FDR		0	30JAN04A				0.00	0.00						
740.015	Prepare Requisition 3-D scanner & Romer Arm	30JAN04A	10	30JAN04A				0.00	0.00						
740.030	Deliver 3-D Scanner & Romer Arm	01APR04A	10*	30APR04A			100	171,990.00	171,990.00						
740.030A	Romer Arm Training	06JUL04A	3*	08JUL04A			100	0.00	0.00						
740.031	Metrology Software Review		0	30JAN04A				0.00	0.00						
740.032	Prepare Met Software Requisition	30JAN04A	10	30JAN04A				0.00	0.00						
740.045	Purchase- second Faro Arm PE005330	01OCT04A	102	29OCT04A			100	70,455.00	70,455.00						
1803-8	Metrology Support (moved from 1803)	01NOV04A	230*	30SEP05	1,015		LOE	72,512.36	101,133.00		RAFTOPOULOS =612hr ;				
740.020	Facility Prep	03OCT05*	95	22FEB06	915			0.00	63,396.64		em//sm=168;em//tb=392	travel=\$ 6 k			
740.035	Deliver Metrology Software	30SEP05*	1	30SEP05	1,010			0.00	0.00		reqmnts TBD				
740.100	Romer CMM- spare probes	03OCT05*	65	11JAN06	945			0.00	4,437.00		m&s=\$3k				
740.105	Romer CMM-Software support & warranty renewal	03OCT05*	1,010*	30SEP09	0			0.00	45,633.14						
740.110	Romer CMM-Laptop for 2nd arm	03OCT05*	65	11JAN06	945			0.00	5,916.00		41=\$4k				
Job:1810 - Field Period Assembly-VIOLA															
Prep TFTR TC for Assembly operations															
S0P0-100	Clearout realestate & setup fixturing	03OCT05*	59*	03JAN06	956			0.00	0.00		EM//TB=crane operator = 450 hrs ETC ONLY				
Stage 1 VV Prep (instl diag & insul)FP#1															
S1P1-101	Receive VV and inspect	17NOV05	4	22NOV05	391			0.00	8,019.84		EM//TB =96hr ;				
S1P1-102	Mount VV on VV Prep fixture (top side up)	23NOV05	1	23NOV05	391			0.00	1,002.48		EM//TB =12hr ;				
S1P1-103	Establish metrology setting; align VV base	28NOV05	3	30NOV05	391			0.00	6,014.88		EM//TB =72hr ;				
S1P1-106	Attach studs for coolant lines,insulation on top	28FEB06	8	09MAR06	334			0.00	16,039.68		EM//TB =192hr ;				
S1P1-107	Wind magnetic diagnostic sensors to top surface	10MAR06	13	28MAR06	334			0.00	16,039.68		EM//TB =192hr ;				
S1P1-108	Install cooling/htg lines to vac vsl top surface	29MAR06	8	07APR06	334			0.00	21,386.24		EM//TB =256hr ;				
S1P1-109	Install insulation to vac vsl to top surface	10APR06	10	21APR06	334			0.00	33,416.00		EM//TB =400hr ;				
S1P1-110	Flip VV to expose lower surface	24APR06	1	24APR06	334			0.00	2,004.96		EM//TB =24hr ;				
S1P1-112	Attach studs for coolant lines, insulation bott	25APR06	8	04MAY06	334			0.00	16,039.68		EM//TB =192hr ;				

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Forecast
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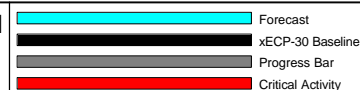
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY					
										FY05	FY06	FY07	FY08	FY09	
S1P1-113	Wind magnetic diagnostic sensors to bot surface	05MAY06	13	23MAY06	334			0.00	16,039.68			EM//TB =192hr ;			
S1P1-114	Install cooling/htg lines to vac vsl bot surface	24MAY06	8	05JUN06	334			0.00	21,386.24			EM//TB =256hr ;			
S1P1-115	Install insulation to vac vsl to bot surface	06JUN06	10	19JUN06	334			0.00	33,416.00			EM//TB =400hr ;			
S1P1-116	Prepare and transfer completed VV to holding are	20JUN06	3	22JUN06	334			0.00	6,014.88			EM//TB =72hr ;			
Stage 1 VV Prep (instl diag & insul)FP#2															
S1P2-101	Receive VV and inspect	02OCT06*	4	05OCT06	264			0.00	8,205.12			EM//TB =96hr ;			
S1P2-102	Mount VV on VV Prep fixture (top side up)	06OCT06	1	06OCT06	264			0.00	1,025.64			EM//TB =12hr ;			
S1P2-103	Establish metrology setting; align VV base	09OCT06	3	11OCT06	264			0.00	6,153.84			EM//TB =72hr ;			
S1P2-106	Attach studs forcoolant lines,insulation on top	12OCT06	8	23OCT06	264			0.00	16,410.24			EM//TB =192hr ;			
S1P2-107	Wind magnetic diagnostic sensors to top surface	24OCT06	13	09NOV06	264			0.00	16,410.24			EM//TB =192hr ;			
S1P2-108	Install cooling/htg lines to vac vsl top surface	10NOV06	8	21NOV06	264			0.00	21,880.32			EM//TB =256hr ;			
S1P2-109	Install insulation to vac vsl to top surface	22NOV06	10	07DEC06	264			0.00	34,188.00			EM//TB =400hr ;			
S1P2-110	Flip VV to expose lower surface	08DEC06	1	08DEC06	264			0.00	2,051.28			EM//TB =24hr ;			
S1P2-112	Attach studs for coolant lines, insulation bott	11DEC06	8	20DEC06	264			0.00	16,410.24			EM//TB =192hr ;			
S1P2-113	Wind magnetic diagnostic sensors to bot surface	21DEC06	13	16JAN07	264			0.00	16,410.24			EM//TB =192hr ;			
S1P2-114	Install cooling/htg lines to vac vsl bot surface	17JAN07	8	26JAN07	264			0.00	21,880.32			EM//TB =256hr ;			
S1P2-115	Install insulation to vac vsl to bot surface	29JAN07	10	09FEB07	264			0.00	34,188.00			EM//TB =400hr ;			
S1P2-116	Prepare and transfer completed VV to holding are	12FEB07	3	14FEB07	264			0.00	6,153.84			EM//TB =72hr ;			
Stage 1 VV Prep (instl diag & insul)FP#3															
S1P3-101	Receive VV and inspect	15FEB07	4	20FEB07	264			0.00	8,205.12			EM//TB =96hr ;			
S1P3-102	Mount VV on VV Prep fixture (top side up)	21FEB07	1	21FEB07	264			0.00	1,025.64			EM//TB =12hr ;			
S1P3-103	Establish metrology setting; align VV base	22FEB07	3	26FEB07	264			0.00	6,153.84			EM//TB =72hr ;			
S1P3-106	Attach studs forcoolant lines,insulation on top	27FEB07	7	07MAR07	264			0.00	14,358.96			EM//TB =168hr ;			
S1P3-107	Wind magnetic diagnostic sensors to top surface	08MAR07	13	26MAR07	264			0.00	16,410.24			EM//TB =192hr ;			
S1P3-108	Install cooling/htg lines to vac vsl top surface	27MAR07	8	05APR07	264			0.00	16,410.24			EM//TB =192hr ;			
S1P3-109	Install insulation to vac vsl to top surface	06APR07	10	19APR07	264			0.00	34,188.00			EM//TB =400hr ;			
S1P3-110	Flip VV to expose lower surface	20APR07	1	20APR07	264			0.00	2,051.28			EM//TB =24hr ;			
S1P3-112	Attach studs for coolant lines, insulation bott	23APR07	8	02MAY07	264			0.00	16,410.24			EM//TB =192hr ;			
S1P3-113	Wind magnetic diagnostic sensors to bot surface	03MAY07	13	21MAY07	264			0.00	16,410.24			EM//TB =192hr ;			
S1P3-114	Install cooling/htg lines to vac vsl bot surface	22MAY07	8	01JUN07	264			0.00	21,880.32			EM//TB =256hr ;			
S1P3-115	Install insulation to vac vsl to bot surface	04JUN07	10	15JUN07	264			0.00	34,188.00			EM//TB =400hr ;			
S1P3-116	Prepare and transfer completed VV to holding are	18JUN07	3	20JUN07	264			0.00	6,153.84			EM//TB =72hr ;			
Stage 2 MC HP Sub-assembly (bolt 3 MC together)															
S2P1-100	Assemble Mod-Coils a1.b1,c1 FP 1 left	02JAN07*	27	07FEB07	164			0.00	75,213.60			EM//TB =880hr ;			
S2P1-200	Assemble Mod-Coils a2.b2,c2 FP 1 right	08FEB07	27	16MAR07	164			0.00	75,213.60			EM//TB =880hr ;			
S2P2-100	Assemble Mod-Coils a3.b3,c3 FP 2 left	09JUL07*	27	14AUG07	148			0.00	75,213.60			EM//TB =880hr ;			
S2P2-200	Assemble Mod-Coils a4.b4,c4 FP 2 right	23JUL07	27	28AUG07	145			0.00	75,213.60			EM//TB =880hr ;			
S2P3-100	Assemble Mod-Coils a5.b5,c5 FP 3 left	03OCT07	27	08NOV07	165			0.00	77,924.00			EM//TB =880hr ;			

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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY				
										FY05	FY06	FY07	FY08	FY09
S2P3-200	Assemble Mod-Coils a6.b6,c6 FP 3 right	30OCT07	27	07DEC07	153			0.00	77,924.00					
Stage 3 MC Instl (rotate MC over Vsl)-FP#1														
S3P1-101	Mount VV to MC turning fixt base; metr check	07DEC06	2	08DEC06	221			0.00	4,102.56					
S3P1-102	Mount MC on turning fixt; perform metr checks	08FEB07	2	09FEB07	184			0.00	4,102.56					
S3P1-103	Rotate right MC to stand-off position&chk	12FEB07	3	14FEB07	184			0.00	6,153.84					
S3P1-104	Transfer load to crane and recheck position	15FEB07	2	16FEB07	184			0.00	4,102.56					
S3P1-105	Move MC turning fixt; mount MC on turning fixt	19MAR07	2	20MAR07	164			0.00	4,102.56					
S3P1-106	Rotate left MC to stand-off position and check p	21MAR07	3	23MAR07	164			0.00	6,153.84					
S3P1-107	Move left & right MC to final position & measure	26MAR07	2	27MAR07	164			0.00	4,102.56					
S3P1-108	Install shims (as reqd); ream 24 holes	28MAR07	7	05APR07	164			0.00	23,931.60					
S3P1-109	Bolt together at flange interface.	06APR07	2	09APR07	164			0.00	4,102.56					
S3P1-110	Perform final metrology position check	10APR07	2	11APR07	164			0.00	2,735.04					
S3P1-111	Secure VV to MC's using temporary supports.	12APR07	2	13APR07	164			0.00	4,102.56					
S3P1-112	Prep& xfr completed assembly to Stage 4 area	16APR07	1	16APR07	164			0.00	2,051.28					
Stage 3 MC Instl (rotate MC over Vsl)-FP#2														
S3P2-101	Mount VV to MC turning fixt base; metr check	13AUG07	2	14AUG07	148			0.00	4,102.56					
S3P2-102	Mount MC on turning fixt; perform metr checks	15AUG07	2	16AUG07	148			0.00	4,102.56					
S3P2-103	Rotate right MC to stand-off position&chk	17AUG07	3	21AUG07	148			0.00	6,153.84					
S3P2-104	Transfer load to crane and recheck position	22AUG07	2	23AUG07	148			0.00	4,102.56					
S3P2-105	Move MC turning fixt; mount MC on turning fixt	29AUG07	2	30AUG07	145			0.00	4,102.56					
S3P2-106	Rotate left MC to stand-off position and check p	31AUG07	3	04SEP07	145			0.00	6,153.84					
S3P2-107	Move left & right MC to final position & measure	05SEP07	2	06SEP07	145			0.00	4,102.56					
S3P2-108	Install shims (as reqd); ream 24 holes	07SEP07	7	17SEP07	145			0.00	23,931.60					
S3P2-109	Bolt together at flange interface.	18SEP07	2	19SEP07	145			0.00	4,102.56					
S3P2-110	Perform final metrology position check	20SEP07	2	21SEP07	145			0.00	2,735.04					
S3P2-111	Secure VV to MC's using temporary supports.	24SEP07	2	25SEP07	145			0.00	4,102.56					
S3P2-112	Prep& xfr completed assembly to Stage 4 area	26SEP07	1	26SEP07	145			0.00	2,051.28					
Stage 3 MC Instl (rotate MC over Vsl)-FP#3														
S3P3-101	Mount VV to MC turning fixt base; metr check	27SEP07	2	28SEP07	194			0.00	4,102.56					
S3P3-102	Mount MC on turning fixt; perform metr checks	09NOV07	2	12NOV07	165			0.00	4,250.40					
S3P3-103	Rotate right MC to stand-off position&chk	13NOV07	3	15NOV07	165			0.00	6,375.60					
S3P3-104	Transfer load to crane and recheck position	16NOV07	2	19NOV07	165			0.00	4,250.40					
S3P3-105	Move MC turning fixt; mount MC on turning fixt	10DEC07	2	11DEC07	153			0.00	4,250.40					
S3P3-106	Rotate left MC to stand-off position and check p	12DEC07	3	14DEC07	153			0.00	6,375.60					
S3P3-107	Move left & right MC to final position & measure	17DEC07	2	18DEC07	153			0.00	4,250.40					
S3P3-108	Install shims (as reqd); ream 24 holes	19DEC07	7	07JAN08	153			0.00	24,794.00					
S3P3-109	Bolt together at flange interface.	08JAN08	2	09JAN08	153			0.00	4,250.40					
S3P3-110	Perform final metrology position check	10JAN08	2	11JAN08	153			0.00	2,833.60					

Run Date 12JUL05 14:31

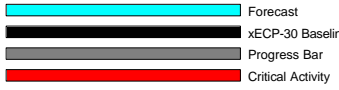
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Status against ECP-30

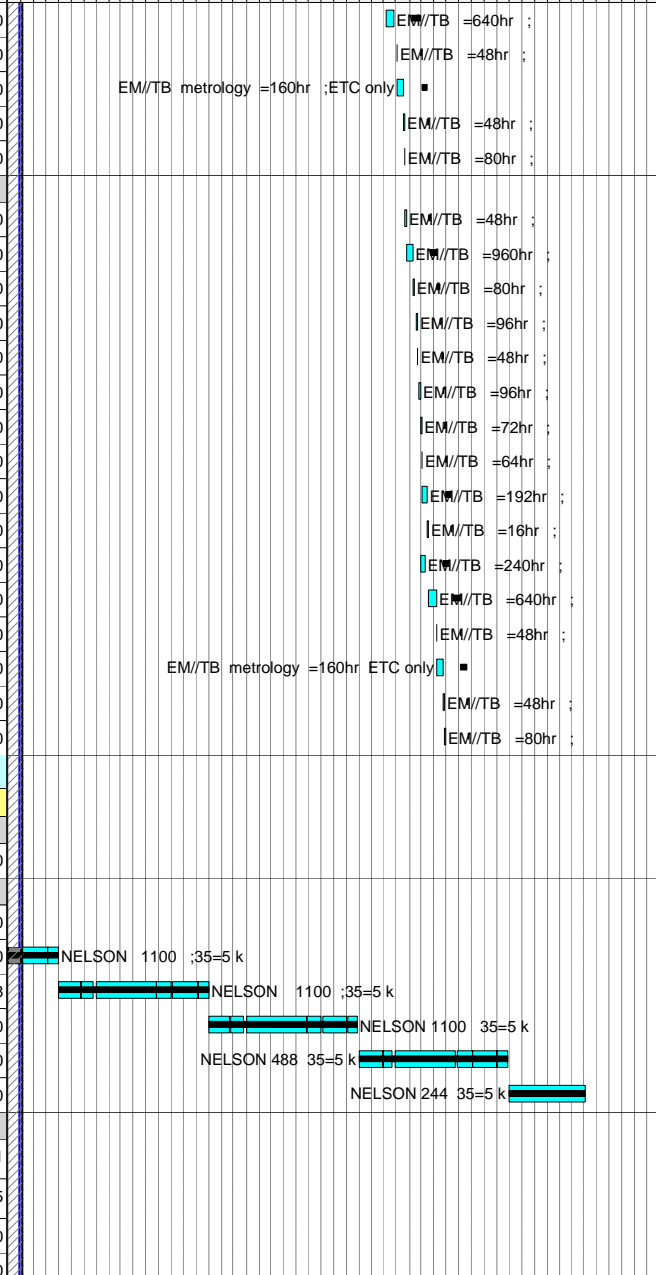
Sheet 34 of 51

Completed tasks summarized

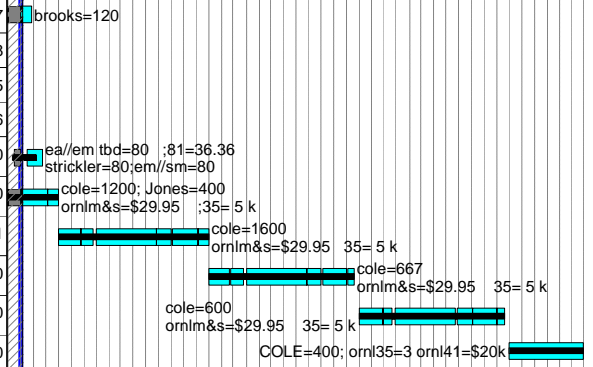
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget							
										FY05	FY06	FY07	FY08	FY09		
S3P3-111	Secure VV to MC's using temporary supports.	14JAN08	2	15JAN08	153			0.00	4,250.40							EM/TB =48hr ;
S3P3-112	Prep& xfr completed assembly to Stage 4 area	16JAN08	1	16JAN08	153			0.00	2,125.20							EM/TB =24hr ;
Station 5 - TF HP Pre-Assy (bolt 3 TF together)																
184-100	Assemble 3 TF coils&structure -Left-Period #1	13APR07	10	26APR07	177			0.00	36,985.60							em//sm=80; em//tb=320
184-105	Assemble 3 TF coils&structure -Right -Period #1	27APR07	10	10MAY07	177			0.00	36,985.60							em//sm=80; em//tb=320
184-110	Assemble 3 TF coils&structure -Left-Period #2	11MAY07	10	24MAY07	253			0.00	36,985.60							em//sm=80; em//tb=320
184-115	Assemble 3 TF coils&structure -Right -Period #2	25MAY07	10	08JUN07	253			0.00	36,985.60							em//sm=80; em//tb=320
184-120	Assemble 3 TF coils&structure -Left -Period #3	11JUN07	10	22JUN07	300			0.00	36,985.60							em//sm=80; em//tb=320
184-125	Assemble 3 TF coils&structure -Right -Period #3	02OCT07	10	15OCT07	231			0.00	38,318.40							em//sm=80; em//tb=320
Stage 4 - Final FP Assy (Instl ports & TF's)FP#1																
S4P1-101	Mount MC/VV assembly to support frame a	17APR07	2	18APR07	164			0.00	4,102.56							EM/TB =48hr ;
S4P1-102	Position and weld all ports to VV	19APR07	20	16MAY07	164			0.00	82,051.20							EM/TB =960hr ;
S4P1-103	Inspect Welds	17MAY07	5	23MAY07	164			0.00	6,837.60							EM/TB =80hr ;
S4P1-104	Assemble left TF Coil Assembly check position	24MAY07	3	29MAY07	164			0.00	8,205.12							EM/TB =96hr ;
S4P1-105	Change platforms	30MAY07	2	31MAY07	164			0.00	4,102.56							EM/TB =48hr ;
S4P1-106	Assemble right TF Coil Assembly chk position	01JUN07	3	05JUN07	164			0.00	8,205.12							EM/TB =96hr ;
S4P1-107	Attach TF coils to MC's	06JUN07	3	08JUN07	164			0.00	6,153.84							EM/TB =72hr ;
S4P1-108	Change platforms	11JUN07	2	12JUN07	164			0.00	5,470.08							EM/TB =64hr ;
S4P1-109	Position, weld two large horizontal diag ports	13JUN07	8	22JUN07	164			0.00	16,410.24							EM/TB =192hr ;
S4P1-110	Inspect Welds	25JUN07	1	25JUN07	164			0.00	1,367.52							EM/TB =16hr ;
S4P1-111	Assemble external trim coils to TF Coil	18JUL07	10	31JUL07	148			0.00	20,512.80							EM/TB =240hr ;
S4P1-112	Close up VV, bakeout 350 deg C, leak check	01AUG07	20	20AUG07	219			0.00	54,700.80							EM/TB =640hr ;
S4P1-113	Adjust final support base interfaces	21AUG07	10	03SEP07	148			0.00	4,102.56							EM/TB =48hr ;
S4P1-113.5	Final metrology outside & inside	04SEP07	10	17SEP07	148			0.00	0.00							EM/TB metrology =160hr ; ETC only
S4P1-114	Prepare Field Period for shipment	18SEP07	2	19SEP07	148			0.00	4,102.56							EM/TB =48hr ;
S4P1-115	Transfer completed assy to C-site test cell	20SEP07	2	21SEP07	148			0.00	6,837.60							EM/TB =80hr ;
Stage 4 - Final FP Assy (Instl ports & TF's)FP#2																
S4P2-101	Mount MC/VV assembly to support frame a	27SEP07	2	28SEP07	145			0.00	4,102.56							EM/TB =48hr ;
S4P2-102	Position and weld all ports to VV	01OCT07	20	26OCT07	145			0.00	85,008.00							EM/TB =960hr ;
S4P2-103	Inspect Welds	29OCT07	5	02NOV07	145			0.00	7,084.00							EM/TB =80hr ;
S4P2-104	Assemble left TF Coil Assembly check position	05NOV07	3	07NOV07	145			0.00	8,500.80							EM/TB =96hr ;
S4P2-105	Change platforms	08NOV07	2	09NOV07	145			0.00	4,250.40							EM/TB =48hr ;
S4P2-106	Assemble right TF Coil Assembly chk position	12NOV07	3	14NOV07	145			0.00	8,500.80							EM/TB =96hr ;
S4P2-107	Attach TF coils to MC's	15NOV07	3	19NOV07	145			0.00	6,375.60							EM/TB =72hr ;
S4P2-108	Change platforms	20NOV07	2	21NOV07	145			0.00	5,667.20							EM/TB =64hr ;
S4P2-109	Position, weld two large horizontal diag ports	22NOV07	8	05DEC07	145			0.00	17,001.60							EM/TB =192hr ;
S4P2-110	Inspect Welds	06DEC07	1	06DEC07	145			0.00	1,416.80							EM/TB =16hr ;
S4P2-111	Assemble external trim coils to TF Coil	15NOV07	10	28NOV07	149			0.00	21,252.00							EM/TB =240hr ;

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Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	Fiscal Year					
										FY05	FY06	FY07	FY08	FY09	
S4P2-112	Close up VV, bakeout 350 deg C, leak check	07DEC07	20	26DEC07	214			0.00	56,672.00						
S4P2-113	Adjust final support base interfaces	02JAN08	2	03JAN08	148			0.00	4,250.40						
S4P2-113.5	Final metrology outside & inside	04JAN08	10	17JAN08	148			0.00	0.00						
S4P2-114	Prepare Field Period for shipment	18JAN08	2	21JAN08	148			0.00	4,250.40						
S4P2-115	Transfer completed assy to C-site test cell	22JAN08	2	23JAN08	148			0.00	7,084.00						
Stage 4 - Final FP Assy (Instl ports & TF's)FP#3															
S4P3-101	Mount MC/VV assembly to support frame a	24JAN08	2	25JAN08	148			0.00	4,250.40						
S4P3-102	Position and weld all ports to VV*2 shift*	28JAN08	10	08FEB08	148			0.00	85,008.00						
S4P3-103	Inspect Welds	11FEB08	5	15FEB08	148			0.00	7,084.00						
S4P3-104	Assemble left TF Coil Assembly check position	18FEB08	3	20FEB08	148			0.00	8,500.80						
S4P3-105	Change platforms	21FEB08	2	22FEB08	148			0.00	4,250.40						
S4P3-106	Assemble right TF Coil Assembly chk position	25FEB08	3	27FEB08	148			0.00	8,500.80						
S4P3-107	Attach TF coils to MC's	28FEB08	3	03MAR08	148			0.00	6,375.60						
S4P3-108	Change platforms	04MAR08	2	05MAR08	148			0.00	5,667.20						
S4P3-109	Position, weld two large horizontal diag ports	06MAR08	8	17MAR08	148			0.00	17,001.60						
S4P3-110	Inspect Welds	18MAR08	1	18MAR08	148			0.00	1,416.80						
S4P3-111	Assemble external trim coils to TF Coil	28FEB08	10	12MAR08	152			0.00	21,252.00						
S4P3-112	Close up VV, bakeout 350 deg C, leak check	19MAR08	20	07APR08	206			0.00	56,672.00						
S4P3-113	Adjust final support base interfaces	08APR08	2	09APR08	148			0.00	4,250.40						
S4P3-113.5	Final metrology outside & inside	10APR08	10	23APR08	148			0.00	0.00						
S4P3-114	Prepare Field Period for shipment	24APR08	2	25APR08	148			0.00	4,250.40						
S4P3-115	Transfer completed assy to C-site test cell	28APR08	2	29APR08	148			0.00	7,084.00						
19 - Stellarator Core Management and Integration															
Job: 1901 - Stellarator Core Mngt&Integr-NELSON															
+ Prior Costs															
		01APR03A	378	30SEP04A				284,160.00	284,160.00						
191 - Stellarator Core Management & Oversight															
191-4	LOE-FY04 WBS 191-4 Management Activities	01OCT03A	250*	30SEP04A			LOE	101,500.00	101,500.00						
0191-5	LOE-FY05 WBS 191	01OCT04A	249*	30SEP05	1,010		LOE	132,866.98	178,825.00						
0191-6	LOE-FY06 WBS 191	03OCT05*	250*	02OCT06	513		LOE	0.00	194,644.18						
0191-6X	LOE-FY07 WBS 191	03OCT06*	247	27SEP07	513		LOE	0.00	198,175.00						
0191-7	LOE-FY08 WBS 191	03OCT07*	247	26SEP08	263		LOE	0.00	96,592.00						
191-8	LOE-FY089 WBS 191	03OCT08*	130	02APR09	129		LOE	0.00	54,784.00						
192 - Stellarator Core Integration & Analysis															
192-4	LOE-FY05 WBS 192-4 Design Integration Activities	01OCT03A	250*	30SEP04A			LOE	234,660.11	234,660.11						
192-5	LOE-FY05 WBS 192-5 VV & Coil Services Integr	01OCT03A	250*	30SEP04A			LOE	36,676.65	36,676.65						
192-6	LOE-FY05 WBS 192-6 Integrated Analysis	01OCT03A	271	30SEP04A			LOE	42,333.00	42,333.00						
192-6.07	Time constant calcs using SPARK	01APR04A	42*	28MAY04A			100	6,180.00	6,180.00						



Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	Fiscal Year				
										FY05	FY06	FY07	FY08	FY09
192-6.08	Indep check time constant calcs using EDDYCUFF	01MAY04A	138*	30SEP04A			100	10,295.20	10,295.20					
192-6.09	Revised VV geometry	02FEB04A	6	27FEB04A			100	3,090.00	3,090.00					
192-6.10	MC interf during assly, geometry, assly trajecto	02FEB04A	31	27FEB04A			100	32,957.60	32,957.60					
192-6.11	Range of motion reqts for Assly MC fixture.	02FEB04A	20	27FEB04A			100	17,507.60	17,507.60					
192-6.12	Final Check & Verification	01MAY04A	6	28MAY04A			100	3,708.00	3,708.00					
192-6.2	Final Mod Coil Trajectories		0	27FEB04A				0.00	0.00					
192-6.5	Structural Design criteria		0	28MAY04A			100	0.00	0.00					
192-6.01	Document coil tolerance and trim coil requiremen	01MAR04A	357*	29JUL05	1,060		95	18,320.15	19,284.37					
192-6.02	Check critical coil tolerance calculations.	01APR04A	207*	31JAN05A			100	11,098.48	11,098.48					
192-6.03	Method for determining current center	01FEB04A	234*	30DEC04A			100	86,626.35	86,626.35					
192-6.06	Coil positions to minimize islands.	02FEB04A	270	28FEB05A			100	66,401.76	66,401.76					
192-6.031	Demo Method for current center on TRC	18JUN05A	45*	22AUG05	1,044		57*	51,372.44	70,381.60					
0192-5	LOE-FY05 WBS 192	01OCT04A	249*	30SEP05	1,010		LOE	209,535.29	282,012.50					
0192-6	LOE-FY06 WBS 192	03OCT05*	250	02OCT06	518		LOE	0.00	304,830.01					
0192-6X	LOE-FY07 WBS 192	03OCT06*	242	20SEP07	518		LOE	0.00	154,710.60					
0192-7	LOE-FY08 WBS 192	03OCT07*	242	19SEP08	268		LOE	0.00	148,147.40					
0192-99	LOE-FY09	01OCT08*	130	31MAR09	131		LOE	0.00	98,650.00					

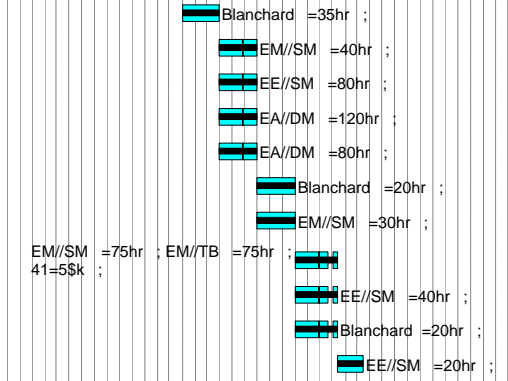


2 - Plasma Heating, Fueling & Vac Systems

21 - Fueling Systems

ECP 16 October 2004

21-10	Eng. Work Planning and Design	02JAN07*	65	02APR07	233			0.00	6,439.30
21-15	Design Gas Handling Hardware	03APR07	65	03JUL07	233			0.00	4,817.60
21-20	Design PLC Controls	03APR07	65	03JUL07	298			0.00	10,052.80
21-25	Electrical Drafting for pumping system	03APR07	65	03JUL07	298			0.00	13,959.60
21-30	Drafting	03APR07	65	03JUL07	298			0.00	9,306.40
21-35	Eng. Work Planning and Design during fab	04JUL07	65	02OCT07	298			0.00	3,683.68
21-40	Fabrication/Install Hardware	04JUL07	65	02OCT07	233			0.00	3,617.21
21-45	Fabrication/installation	03OCT07	65	14JAN08	233			0.00	23,039.75
21-55	Install PLC Controls	03OCT07	65	14JAN08	233			0.00	5,207.60
21-60	Integrated Systems Testing/Eng	03OCT07	65	14JAN08	233			0.00	3,812.20
21-65	Integrated Systems Testing/Tech Support	15JAN08	45	17MAR08	233			0.00	2,603.80



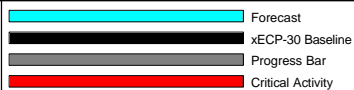
22 - Torus Vacuum Pumping Systems

Job: 2001-VPS, Gas & Cond Sys Oversight-BLANCHARD

Prior Costs

2001-001	Apr-May MIE Cost	01APR03A	43*	30MAY03A			100	38,000.00	38,000.00
2001-100	PDR Support	01JUN03A	164*	30SEP03A			LOE	25,667.20	25,667.20

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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY				
										FY05	FY06	FY07	FY08	FY09
22-25	Eng. Work Planning and Design	01MAY07*	40	26JUN07	230			0.00	28,033.20					
22-30	Design PLC based control system	27JUN07	50	04SEP07	270			0.00	40,211.20					
22-35	Electrical Drafting for pumping system	27JUN07	50	04SEP07	290			0.00	24,429.30					
22-40	Drafting	27JUN07	50	04SEP07	230			0.00	18,612.80					
22-45	Eng. Work Planning and Design during fab	05SEP07	40	30OCT07	250			0.00	16,886.39					
22-50	Perform maint. & repair of pmpg sys	05SEP07	40	30OCT07	230			0.00	9,826.16					
22-55	Repair and Calibration of vac instrumentation	31OCT07	60	04FEB08	250			0.00	9,982.40					
22-60	Fabrication/installation	31OCT07	80	03MAR08	230			0.00	122,184.00					
22-65	Fab PLC conrols	31OCT07	80	03MAR08	230			0.00	65,886.40					
22-70	Integrated Systems Testing/Eng	04MAR08	20	31MAR08	230			0.00	7,624.40					
22-75	Integrated Systems Testing/Tech Support	04MAR08	20	31MAR08	230			0.00	5,207.60					

■ Blanchard =100hr ; EM/SM =80hr ;
 ■ EE//SM =320hr ;
 ■ EA//DM =210hr ;
 ■ EA//DM =160hr ;
 ■ Blanchard =90hr ;
 ■ EM//SM =80hr ;
 ■ EM//SM =80hr ;
 EM//SM =450hr ; EM//TB =380hr ;
 41=23\$K ;
 ■ EE//SM =160hr ; 41=32\$K ;
 ■ Blanchard =40hr ;
 ■ EE//SM =40hr ;

+ 25 - Neutral Beam Injection System

01APR03A	385	30SEP04A					284,367.67	284,367.67
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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 TUBES	01JAN05A	40	28FEB05A			100	6,416.80	6,416.80
3101-113	INTEGRATE LAYOUT, MEAS NEEDS W/ VSL METRO	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 VV	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 MOUNTING		0	31MAY05A			100	0.00	0.00
3101-129	DESIGN AND PROTOTYPE SADDLE LOOP	01MAR05A	101*	21JUL05	451	50		3,821.76	7,643.52
3101-133	Prototype loops on vsl proto segment using ARI	01MAR05A	101*	21JUL05	451	50		3,094.60	6,189.20
3101-137	FINAL OPTIMIZATION OF LOOP LOCATION, AREA	01JAN05A	148*	29JUL05	445			0.00	0.00
3101-141	FDR PREP- VESSEL SADDLE LOOPS	01JUL05	20*	29JUL05	445			0.00	9,483.60
3101-142	FDR - VESSEL SADDLE LOOPS		0	29JUL05	445			0.00	0.00
3101-145	PROCURE MATERIALS	01AUG05	40	23SEP05	445			0.00	30,883.90
3101-149	PREPARE METROLOGY	01JUN05A	42*			30		1,925.04	6,416.80
3101-153	FAB TERMINATION BOXES & CLAMPS	01AUG05	40	23SEP05	445			0.00	31,585.40
3101-157	Design Tooling	01JUN05A	42*			40		8,203.84	20,509.60
3101-161	SUPT LOOP INSTL 200 LOOPS), TERMINATION, TESTING	10MAR06	302*	21MAY07	264			0.00	14,559.71

STRATTON =20hr ; LABIK =40hr ;
 STRATTON =08hr ; LABIK =40hr ;
 LABIK =20hr ; DIAG TECH =40hr ;
 STRATTON =20hr ; LABIK =40hr ;
 M&S =19\$K ; LABIK =40hr ;
 LABIK =40hr ;
 LABIK =40hr ; MACHINIST =80hr ;
 DIAG TECH =225hr ;
 DIAG TECH =20hr ; LABIK =40hr ;
 MACHINIST =120hr ;
 LABIK =80hr oversight
 installation time in WBS18 job 1810

Modular Coil C-wound Loops

3101-205	MOUNTING/LOCATING STRATEGY MC CO-WOUND	01JAN05A	20	31JAN05A			100	3,208.40	3,208.40
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■ Forecast
 ■ xECP-30 Baseline
 ■ Progress Bar
 ■ Critical Activity

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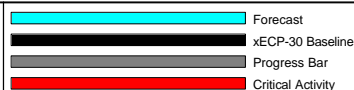
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY				
										FY05	FY06	FY07	FY08	FY09
3101-209	PROTOTYPE ON TWISTED RACETRACK	01MAR05A	20	31MAR05A			100	4,741.80	4,741.80					
3101-213	DESIGN TERMINATION	01MAR05A	107	29JUL05	1,060		90	5,936.85	7,302.40	LABIK =20hr ; MECH DESIGN =40 ;				
3101-217	Document design in procedures & models	08JUL05	5	14JUL05	179			0.00	12,044.20	STRATTON =10hr ; LABIK =40hr ; MECH DESIGN =40 ;				
3101-221	PROCURE MATERIALS	15JUL05*	11	29JUL05	1,040			0.00	6,410.90	M&S =2.5\$K ; LABIK =20hr ;				
3101-225	FAB TERMINATION BOXES	01AUG05	20	26AUG05	1,040			0.00	4,585.00	LABIK =10hr ; DIAG TECH =40hr ;				
3101-229	SUPPORT NSTALLATION, TERMINATION, TESTING	01SEP05	488	10AUG07	153			0.00	7,231.47	LABIK =40hr ; oversight installation included in MC winding job				
Rogowski Coils														
3101-301	LAYOUT LOCATION ROWGOSKI COIL &EST COIL	01JUN05A	42	29JUL05	426	30		1,422.54	4,741.80	STRATTON =10hr ; LABIK =20hr ;				
3101-305	ROWGOWSKI COIL DESIGN	03OCT05*	20	28OCT05	381			0.00	7,192.80	LABIK =40hr ;				
3101-309	DESIGN COIL MOUNTING TECHNIQUE	31OCT05	20	29NOV05	381			0.00	7,192.80	LABIK =40hr ;				
3101-313	DESIGN LEAD ROUTING AND TERMINATION	30NOV05	20	04JAN06	381			0.00	7,192.80	LABIK =40hr ;				
3101-317	PDR PREP- ROWGOWSKI COIL	05JAN06	5	11JAN06	381			0.00	5,299.70	STRATTON =10hr ; LABIK =20hr ;				
3101-318	PDR - ROWGOWSKI COIL		0	11JAN06	381			0.00	0.00					
3101-321	DETAILED DESIGN OF ROWGOWSKI COILS,	12JAN06	20	08FEB06	381			0.00	11,265.00	MECH DESIGN =20 ; LABIK =50hr ;				
3101-325	FDR PREP ROWGOSKI COIL	09FEB06	5	15FEB06	381			0.00	7,192.80	LABIK =40hr ;				
3101-326	FDR - ROWGOSKI COIL		0	15FEB06	381			0.00	0.00					
3101-329	FAB ROWGOWSKI COILS (2)	24APR06	65	25JUL06	334			0.00	53,278.60	M&S =15\$K ; LABIK =80hr ; DIAG TECH =200hr ;				
3101-333	FAB TERMINATIONS	08MAY06	20	05JUN06	334			0.00	6,938.00	LABIK =20hr ; DIAG TECH =40hr ;				
3101-337	INSTALL COILS AND TERMINATIONS	06JUN06	259	15JUN07	264			0.00	0.00					
TF Co-wound Loops														
3101-401	MOUNTING/LOCATING TECHNIQUE TF CO-WOUND	01JUL05*	20	29JUL05	427			0.00	6,275.20	STRATTON =20hr ; LABIK =20hr ;				
3101-405	DESIGN TERMINATION	01AUG05	20	26AUG05	427			0.00	10,510.80	LABIK =40hr ; MECH DESIGN =40 ;				
3101-409	FINALIZE LOOP LOCATION/MOUNTING TECHNIQUE	29AUG05	20	23SEP05	427			0.00	6,416.80	LABIK =40hr ;				
3101-413	FDR PREP- TF CO-WOUND LOOPS	26SEP05	5	30SEP05	427			0.00	6,416.80	LABIK =40hr ;				
3101-414	FDR - TF CO-WOUND LOOPS		0	30SEP05	427			0.00	0.00					
3101-417	PROCURE MATERIALS	03OCT05	20	28OCT05	427			0.00	10,991.40	M&S =05\$K ; LABIK =20hr ;				
3101-421	FAB TERMINATIONS	31OCT05	20	29NOV05	427			0.00	8,608.80	LABIK =20hr ; DIAG TECH =60hr ;				
3101-425	INSTALL TF CO-WOUND LOOPS	21MAR06	283	03MAY07	315			0.00	0.00					
3101-429	INSTALL TERMINATIONS	21MAR06	283	03MAY07	315			0.00	8,711.46	LABIK =20hr ; DIAG TECH =60hr ;				
Modular Coil Shell Saddle Loops														
3101-501	DETERMINE NUMEBR AND LOCATION OF LOOPS	02OCT06*	20	27OCT06	185			0.00	6,970.80	STRATTON =40hr ;				
3101-505	MOUNTING/LOCATING TECHN MC SHELL SADDLE	30OCT06	20	28NOV06	185			0.00	7,165.00	STRATTON =20hr ; LABIK =20hr ;				
3101-509	PROTOTYPE MC SHELL SADDLE LOOPS	29NOV06	20	03JAN07	185			0.00	5,389.00	LABIK =20hr ; DIAG TECH =20 ;				
3101-513	PDR PREP -MC SHELL SADDLE LOOPS	04JAN07	18	29JAN07	185			0.00	5,422.30	STRATTON =10hr ; LABIK =20hr ;				
3101-514	PDR-MC SHELL SADDLE LOOPS		0	29JAN07	185			0.00	0.00					
3101-517	DESIGN TERMINATION	30JAN07	20	26FEB07	185			0.00	6,006.20	LABIK =20hr ; MECH DESIGN =20 ;				
3101-521	FINALIZE LOOP LOCATION/MOUNTING TECHNIQUE	27FEB07	23	29MAR07	185			0.00	7,359.20	LABIK =40hr ;				

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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY				
										FY05	FY06	FY07	FY08	FY09
3101-525	FDR PREP - MC SHELL SADDLE LOOPS	30MAR07	20	26APR07	185			0.00	7,359.20					
3101-526	FDR - MC SHELL SADDLE LOOPS		0	26APR07	185			0.00	0.00					
3101-529	PROCURE MATERIALS	27APR07	20	24MAY07	185			0.00	10,604.60					
3101-533	INSTALL MC SHELL SADDLE LOOPS	18JUL07	162	12MAR08	152			0.00	0.00					
3101-537	INSTALL TERMINATIONS	18JUL07	120	14JAN08	194			0.00	8,985.02					
36 - Edge and Divertor Diagnostics														
361-001	Design Visible Camera sys	04SEP07	40	29OCT07	192			0.00	12,470.31					
361-015	Fab/Assy/Installation Visible Camera	30OCT07*	130	08MAY08	192			0.00	33,484.98					
38 - Electron Beam (EB) Mapping														
380-010	Designe-Beam Probe,Fluor. Screen	12OCT07	40	10DEC07	192			0.00	47,563.70					
380-015	Fab & Install Beam probe	11DEC07*	102	08MAY08	192			0.00	262,530.00					
39 - Diagnostics Integration														
Job: 3901 - Diagnostics sys Integration-JOHNSON														
Prior Costs														
390-001	LOE Support FY03	01APR03A	151	30SEP03A			100	155,450.00	155,450.00					
390-100	Finalize VV ports (number,size,locations)		0	30JUN04A			100	0.00	0.00					
390-110	Resolve port interferences.Final port config		0	30JUN04A			100	0.00	0.00					
390-120	Update port map&revise diag port assignments		0	30JUN05*	1,074		90	0.00	0.00					
390-130	Rvw status of existing ICD's w/VV & Mod Coils		0	30JUN05*	1,074		100	0.00	0.00					
390-140	Write ICD's-Define external space for diagnostic		0	30JUN05*	1,074		50	0.00	0.00					
390-150	Write ICD's-Define space f/racks in cntrl rm		0	30JUN05*	1,074		50	0.00	0.00					
390-160	Start recruiting diag team at HTPD conference		0	30JUN04A			100	0.00	0.00					
390-170	Develop space envelopes for SXR		0	30JUN05*	1,074		70	0.00	0.00					
390-180	Hold CDR's co-wound mag sensors&ext saddle loops		0	30JUN05*	1,074			0.00	0.00					
390-010	LOE Support FY04	01OCT03A	250	30SEP04A			LOE	65,000.00	65,000.00					
390-015	LOE Support FY05 **reduced scope	01OCT04A	249	30SEP05	1,010		LOE	49,303.48	66,357.30					
390-020	LOE Support FY06	03OCT05*	249	29SEP06	761			0.00	73,709.88					

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 Forecast
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 Progress Bar
 Critical Activity

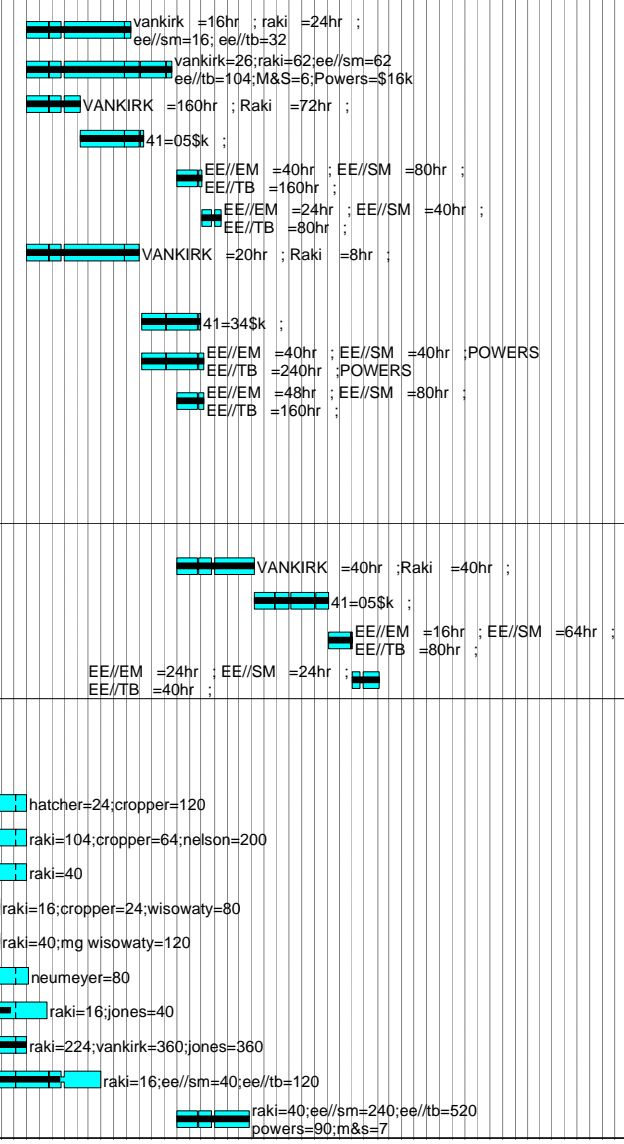
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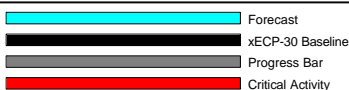
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY					
										FY05	FY06	FY07	FY08	FY09	
4 - Electrical Power Systems															
41 - AC Power															
Job: 4101 - AC Power-RAMAKRISHNAN															
411 - Auxiliary AC Power Systems															
4101-100	Prepare Preliminary One line diagram	01MAR04A	173	30SEP04A			100	8,442.00	8,442.00						
4101-100.1	Prepare Preliminary One line diagram	03OCT05*	173	13JUN06	837			0.00	1,062.59						
411-1-100	Ex-Test cell AC pwr-Reactivate& new instl	03OCT05*	241	19SEP06	769			0.00	62,575.60						
411-2-2	Grounding-Dsn	03OCT05*	86	09FEB06	619			0.00	30,650.88						
411-2-4	Grounding-Procure	10FEB06*	107	12JUL06	619			0.00	7,395.00						
411-2-6	Grounding-Install	02OCT06*	43	01DEC06	520			0.00	65,513.00						
411-2-8	Grounding-Commission	04DEC06*	29	19JAN07	520			0.00	16,152.16						
411-3-2	Test Cell AC Power Distr-Dsn	03OCT05*	186	30JUN06	655			0.00	3,658.32						
411-3-2.04	Test Cell AC Power fy04	01APR04A	186	30SEP04A			100	73,000.00	73,000.00						
411-3-4	Test Cell AC Power Distr-Procure(pnls & xfmrs)	10JUL06*	101	30NOV06	550			0.00	48,956.97						
411-3-6	Test Cell AC Power Distr-Install	10JUL06*	104	05DEC06	547			0.00	32,319.04						
411-3-8	Test Cell AC Power Distr-Commission	02OCT06*	45	05DEC06	547			0.00	32,304.32						
411-4-2	Standby Power for Cryo Sys -Dsn	01JUL05	0	30JUN05	1,074			0.00	0.00						
411-4-4	Standby Power for Cryo Sys -Procure	01JUL05	0	30JUN05	1,074			0.00	0.00						
411-4-6	Standby Power for Cryo Sys -Install	01JUL05	0	30JUN05	1,074			0.00	0.00						
412 - Experimental AC Power Systems															
412-1-2	D-site Pulsed AC Power Distr-Dsn	02OCT06*	128	09APR07	236			0.00	11,734.80						
412-1-4	D-site Pulsed AC Power Distr-Procure	10APR07	125	04OCT07	236			0.00	6,928.68						
412-1-6	D-site Pulsed AC Power Distr-Install	05OCT07	40	03DEC07	236			0.00	18,390.72						
412-1-8	D-site Pulsed AC Power Distr-Commission	04DEC07	40	05FEB08	236			0.00	11,088.40						
43 - DC Systems															
Job: 4301 - DC Systems-RAMAKRISHNAN															
431 - C-Site DC Systems															
431-200	Condition/spare parts inventory	01OCT04A	249	30SEP05	1,010		95	16,156.54	17,006.88						
431-210	Organize & verify documentation	01OCT04A	249	30SEP05	1,010		95	41,559.24	43,746.56						
431-215	Document status	01OCT04A	249	30SEP05	1,010		90	5,607.72	6,230.80						
431-225	Reactivate DF & PEI units	01JUL05*	20	29JUL05	1,054			0.00	11,196.40						
431-230	Load test	01JUL05*	20	29JUL05	1,054			0.00	15,306.40						
431-240	Simulate each of 6 pwr loops in PSCAD	01JUL05*	65	03OCT05	1,009			0.00	12,482.86						
431-250	c-site dc sys DGS dsn documentation	01JUL05*	100	21NOV05	974			0.00	6,849.24						
431-260	Power loop design	01NOV04A	228	30SEP05	1,010		75	81,438.36	108,584.48						
431-265	Fabricate bus components	01JUL05*	185	30MAR06	889			0.00	17,150.44						
431-275	Power cabling & Installation	02OCT06*	121	29MAR07	492			0.00	216,284.20						



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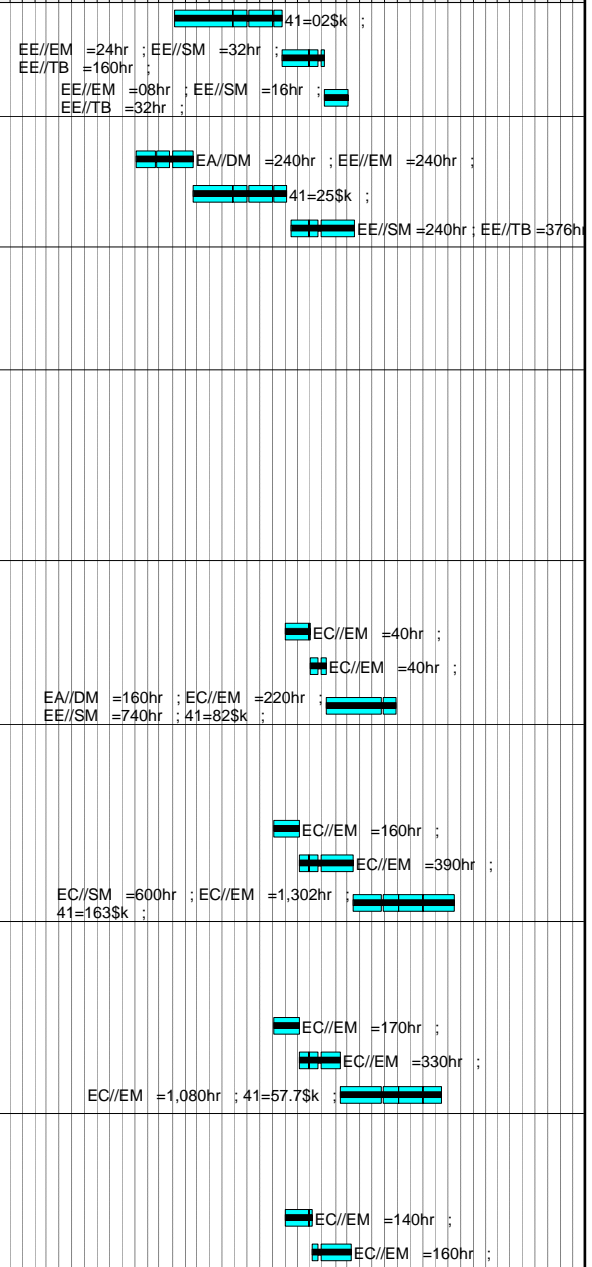
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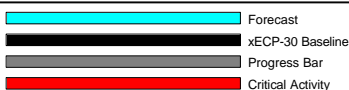
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget						
										FY05	FY06	FY07	FY08	FY09	
44 - Control and protection Systems															
Job: 4401 - Control & Protection-RAMAKRISHNAN															
441 - Electrical Interlocks															
441-095	Design Interlock sys	03OCT06*	118	27MAR07	224			0.00	32,776.00	raki=80;vankirk=160					
441-097	Install Interlock sys	28MAR07	119	13SEP07	309			0.00	29,242.40	raki=80;ee//sm=120					
441-100	PLC Specification	28MAR07	85	26JUL07	224			0.00	14,118.56	raki=40;cropper=56					
441-105	Prep Block diagrams	28MAR07	85	26JUL07	224			0.00	17,134.40	raki=40;cropper=80					
441-110	PLC CWD's & Cabling	27JUL07*	85	23NOV07	224			0.00	22,536.52	marsala=40;cropper=120					
441-115	deliver PLC	27JUL07*	85	23NOV07	472			0.00	70,400.00	M&S=50					
441-120	Program PLC Logic	26NOV07	45	06FEB08	427			0.00	22,959.20	lawson=40;cropper=120					
441-125	Program Control pages	26NOV07	97	18APR08	375			0.00	24,222.00	schneider=32;cropper=120;sichta=16					
441-130	Pre-commissioning tests	14SEP07	214	23JUL08	309			0.00	24,324.98	raki=40;cropper=120;M&S=1					
441-135	Install I/O Cabling	26NOV07	248	20NOV08	224			0.00	119,949.68	raki=120;ee//sm=80;Powers=30 k ea//sm=160;ee//tb=160;41=\$8k					
442 - Kirk Key Interlocks															
442-1-2	Kirk Keys-Dsn	02OCT06*	41	29NOV06	290			0.00	16,388.00	EA//DM =80hr ; EE//EM =40hr ;					
442-1-4	Kirk Keys-Procure	30NOV06	158	19JUL07	290			0.00	13,850.00	41=10\$K ;					
442-1-6	Kirk Keys-Install	20JUL07	40	14SEP07	290			0.00	44,625.80	EE//EM =16hr ; EE//SM =16hr ; EE//TB =60hr ;					
442-1-8	Kirk Keys-Commission	01OCT07	30	09NOV07	290			0.00	7,319.36	EE//EM =16hr ; EE//SM =20hr ; EE//TB =20hr ;					
443 - Real Time Control Systems															
443-1-2	Develop Control Algorithms-Dsn	23APR07*	142	09NOV07	274			0.00	14,270.86	EE//EM =80hr ;					
444 - Instrument Systems															
444-1-2	DC Current Transducers (DCCTs)-Dsn	01JUL05	0	30JUN05	1,074			0.00	0.00						
444-1-4	DC Current Transducers (DCCTs)-Procure	01JUL05	0	30JUN05	1,074			0.00	0.00						
444-1-6	DC Current Transducers (DCCTs)-Install	01JUL05	0	30JUN05	1,074			0.00	0.00						
444-1-8	DC Current Transducers (DCCTs)-Commission	01JUL05	0	30JUN05	1,074			0.00	0.00						
444-2-2	DC Potential Transducers (DCPTs)-Dsn	02OCT06*	95	21FEB07	466			0.00	11,228.76	EA//DM =60hr ; EE//EM =24hr ;					
444-2-4	DC Potential Transducers (DCPTs)-Procure	22FEB07	109	26JUL07	466			0.00	8,310.00	41=6k ;					
444-2-6	DC Potential Transducers (DCPTs)-Install	27JUL07	51	08OCT07	466			0.00	19,685.02	EE//EM =16hr ; EE//SM =24hr ; EE//TB =160hr ;					
444-2-8	DC Potential Transducers (DCPTs)-Commission	09OCT07	40	05DEC07	466			0.00	12,869.40	EE//EM =24hr ; EE//SM =24hr ; EE//TB =60hr ;					
444-3-2	DC Shunts-Dsn	02OCT06*	122	30MAR07	463			0.00	16,388.00	VANKIRK =80hr ; Raki =40hr ;					
444-3-4	DC Shunts-Procure	02APR07	101	22AUG07	463			0.00	62,325.00	41=45\$K ;					
444-3-6	DC Shunts-Install	23AUG07	51	02NOV07	463			0.00	55,871.00	EE//EM =32hr ; EE//SM =64hr ; EE//TB =160hr ; 41=20 kpowers					
444-3-8	DC Shunts-Commission	05NOV07	24	10DEC07	463			0.00	18,212.40	EE//EM =24hr ; EE//SM =24hr ; EE//TB =120hr ;					
444-4-2	Signal Conditioning & Cabling-Dsn	03OCT06*	99	28FEB07	454			0.00	44,714.40	EA//DM =80hr ; EE//EM =200hr ;					
444-4-4	Signal Conditioning & Cabling-Procure	01MAR07	98	18JUL07	454			0.00	16,620.00	41=12\$K ;					
444-4-6	Signal Conditioning & Cabling-Install	15AUG07	68	19NOV07	454			0.00	28,856.75	EE//EM =24hr ; EE//TB =280hr ;					
444-4-8	Signal Conditioning & Cabling-Commission	20NOV07	22	21DEC07	454			0.00	17,573.28	EE//EM =48hr ; EE//SM =40hr ; EE//TB =40hr ;					

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY						
										FY05	FY06	FY07	FY08	FY09		
445 - Coil Protection Systems																
445-1-2	Ground Fault Protection-Dsn	03OCT05*	82	03FEB06	656			0.00	34,408.80		VANKIRK =120hr ; Raki =120hr ;					
445-1-4	Ground Fault Protection-Procure	28NOV05*	130	06JUN06	570			0.00	26,622.00		41=18\$K ;					
445-1-6	Ground Fault Protection-Install	02OCT06*	40	28NOV06	489			0.00	23,428.48		EE//EM =40hr ; EE//SM =48hr ; EE//TB =120hr ;					
445-1-8	Ground Fault Protection-Commission	04JAN07	20	31JAN07	489			0.00	10,015.52		EE//EM =24hr ; EE//SM =24hr ; EE//TB =32hr ;					
445-2-0	Overload Protection & Cabling-Prelim Dsn	01MAR04A	272	30SEP04A				1,054.90	1,054.90							
445-2-105	Overload Protect-Write spec and approve	01DEC06*	20	05JAN07	470			0.00	14,163.20		marsala=80					
445-2-110	Overload Protect-Design	08JAN07	80	27APR07	480			0.00	76,012.00		lawson=320;elect dsn=80,ee//sm=80					
445-2-115	Overload Protect-Fabr 4 chassis 120 modls	30APR07*	79	20AUG07	480			0.00	69,498.24		marsala=120;reese=384					
445-2-120	Overload Protect-Test 4 units	21AUG07	20	18SEP07	480			0.00	24,216.00		raki=80;carson=80					
445-2-125	Overload Protect-Install & Rack wiring	19SEP07	20	16OCT07	480			0.00	46,352.02		raki=120;gibilisco=192					
445-2-130	Overload Protect-Write & perform ISTP	17OCT07	20	13NOV07	480			0.00	25,088.00		raki=80;gibilisco=80					
445-2-135	Overload Protect-Documentation	08JAN07*	180	19SEP07	519			0.00	25,694.40		raki=40;elect dsn=160					
445-2-140	Overload Protection&cabling design,procure instl	01DEC06*	249	27NOV07	470			0.00	145,550.00		raki=248;elect dsn=200;ee//sm=112;e 41=6;powers=25k					
45 - Power System Design and Integration																
Job: 4501 - Power Sys Dsn & Integr-RAMAKRISHNAN																
Prior Costs																
4501-001	Apr-Sept MIE Cost	01APR03A	43*	30SEP03A				100	112,340.00							
451 - System Design & Interfaces																
4501-100	Design Drawings	02FEB04A	193*	30SEP04A				100	19,807.80							
4501-110	Calculations-FY04	01MAR04A	151*	30SEP04A				100	0.00							
451-0-1	C-Site Decision	30APR04A	0	30APR04A				100	0.00							
451-7-2	FDR DC transmission-Dsn	01MAY04A	0*	28MAY04A				100	10,084.00							
451-7-20	FDR DC transmission		0	28MAY04A				100	0.00							
451-0-2	Develop SRD	01JUL05*	21	01AUG05	1,053				0.00							
451-3-2	Dwgs,asbuilts -Elect Dsn	02OCT06*	500*	30SEP08	261				0.00	166,427.78		VANKIRK 1040hr				
451-2-1	CDR Power system -Dsn	01DEC04A	148*	07JUL05	1,070	75			30,974.40	41,299.20		vankirk=160;raki=160				
451-2-2	PDR Power system -Dsn	01JUL05*	10*	15JUL05	1,064				0.00	41,299.20		vankirk=160;raki=160				
451-2-2.1	FDR C-Site	01JUL05*	31*	15AUG05	1,043				0.00	30,974.40		VANKIRK =120hr ; Raki =120hr ;				
451-6-2	FDR C-Site -Cabling	01JUL05*	31*	15AUG05	1,043				0.00	30,974.40		VANKIRK =120hr ; Raki =120hr ;				
451-4-2	FDR AC auxiliaries & grounding-Dsn	03JUL06*	45	05SEP06	779				0.00	11,469.60		VANKIRK =40hr ; Raki =40hr ;				
451-1-2	Calculations-Dsn	01JUL05*	562*	28SEP07	512				0.00	56,219.16		Raki =320hr ;design=8				
452 - Electrical Systems Support																
452-1-2	Diagnostics AC Power Distr-Dsn	03OCT06*	72	22JAN07	192				0.00	88,614.40		EA//DM =640hr ; Raki =80hr ;				
452-1-4	Diagnostics AC Power Distr-Procure	23JAN07	182	08OCT07	192				0.00	1,385.76		41=01\$K ;				
452-1-6	Diagnostics AC Power Distr-Install	09OCT07	105	13MAR08	192				0.00	82,080.00		EE//EM =80hr ; EE//SM =80hr ; EE//TB =640hr ;				
452-1-8	Diagnostics AC Power Distr-Commission	19MAR08	37	08MAY08	192				0.00	31,999.60		EE//EM =40hr ; EE//SM =80hr ; EE//TB =160hr ;				
452-2-2	Diagnostics sensor cabling-Dsn	03OCT06*	61	05JAN07	240				0.00	25,694.40		EA//DM =160hr ; Raki =40hr ;				

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY				
										FY05	FY06	FY07	FY08	FY09
452-2-4	Diagnostics sensor cabling-Procure	08JAN07	185	26SEP07	240			0.00	2,770.00					
452-2-6	Diagnostics sensor cabling-Install	27SEP07	65	07JAN08	240			0.00	22,791.55					
452-2-8	Diagnostics sensor cabling-Commission	08JAN08	40	03MAR08	240			0.00	6,399.92					
453 - System Testing (PTP's)														
453-1-2	New Procedures	06OCT06*	90	20FEB07	345			0.00	70,408.80					
453-1-4	Preop Testing-Procure test equip	21FEB07*	160	05OCT07	345			0.00	34,642.97					
453-1-8	Testing PTPs, ISTPs	19OCT07*	100	18MAR08	236			0.00	219,667.28					
46 - FCPC Building Modifications														
Job: 4601 - FCPC Bldg Mods-RAMAKRISHNAN														
Prior Costs														
4601-001	Apr-Sept MIE Cost	01APR03A	43*	30SEP03A				100	1,300.00	1,300.00				
5 - Central I&C Systems														
51 - TCP/IP Infrastructure Systems														
Job: 5801 -Central I&C Integr & Oversight-SICHTA														
51-00	FY03	01APR03A	250*	30SEP03A				LOE	11,900.00	11,900.00				
51-01	FY04 LOE support	01OCT03A	250*	30SEP04A				LOE	16,000.00	16,000.00				
51-10	Preliminary Design (Title I)	01OCT07*	45	04DEC07	239			0.00	6,825.20					
51-20	Final Network Design (Title II)	05DEC07	20	09JAN08	239			0.00	6,825.20					
51-30	Installation, Testing, Documentation (Title III)	10JAN08	120	26JUN08	239			0.00	269,040.80					
52 - Central Instrumentation & Control														
52-10	Preliminary Design (Title I)	04SEP07*	45	05NOV07	138			0.00	26,900.20					
52-20	Final Design (Title II)	06NOV07	87	17MAR08	138			0.00	66,545.70					
52-30	Installation, Testing, Documentation (Title III)	18MAR08	173	18NOV08	138			0.00	517,471.88					
53 - Data Acquisition & Facility Computing														
53-10	Preliminary Design (Title I)	04SEP07*	45	05NOV07	160			0.00	28,581.46					
53-20	Final Design (Title II)	06NOV07	65	14FEB08	160			0.00	56,307.90					
53-30	Coding, Configuration, Testing (Title III)	15FEB08	173	17OCT08	160			0.00	266,124.36					
54 - Facility Timing & Synchronization														
54-10	Preliminary Design (Title I)	02OCT07*	45	05DEC07	178			0.00	23,888.20					
54-20	Final Design (Title II)	06DEC07	65	13MAR08	178			0.00	27,300.80					



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Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days=1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	Budget													
										FY05	FY06	FY07	FY08	FY09									
54-30	Installation, Testing, Documentation (Title III)	14MAR08	135	23SEP08	178			0.00	169,775.20												EC//SM =700hr ; EC//EM =360hr ; 41=25\$K ;		
55 - Real Time Plasma & Power Supply Control Sys																							
55-10	Preliminary Design (Title I)	02OCT07*	45	05DEC07	238			0.00	13,650.40												EC//EM =80hr ;		
55-20	Final Design (Title II)	06DEC07	20	10JAN08	238			0.00	13,650.40												EC//EM =80hr ;		
55-30	Installation, Testing, Documentation (Title III)	11JAN08	120	27JUN08	238			0.00	134,352.40												EC//EM =480hr ; EC//SM =500hr ; 41=0\$K ;		
56 - Central Safety Interlock Systems																							
56-10	Preliminary Design (Title I)	02OCT07*	87	11FEB08	183			0.00	27,300.80												EC//EM =160hr ;		
56-20	Final Design (Title II)	12FEB08	45	14APR08	183			0.00	27,300.80												EC//EM =160hr ;		
56-30	Installation, Testing, Documentation (Title III)	15APR08	108	16SEP08	183			0.00	327,335.40												EC//EM =780hr ; EE//SM =1,200hr ; 41=27\$K ;		
57 - Control Room Facility																							
57-10		01JUL05	0	30JUN05	1,074			0.00	0.00														
58 - Central I&C management and Integration																							
Job: 5801 -Central I&C Integr & Oversight-SICHTA																							
51-02	FY05 LOE support	01OCT04A	249	30SEP05	1,010		LOE	9,259.46	12,462.26												EC//EM =86hr ;		
6 - Facility Systems																							
61 - Water Systems																							
613 - Vacuum Pumping System																							
623.011	Design WBS 612	01NOV07*	59	01FEB08	216			0.00	24,890.40												em/em=80; ea//dm=80		
623.012	PDR WBS 612	17DEC07	0		245			0.00	0.00														
623.013	FDR WBS 612		0	01FEB08	216			0.00	0.00														
632.021	WBS 612 Assembly/Fabrication/Installation	04FEB08	40	28MAR08	216			0.00	69,615.20												em/em=80; em/tb=288; 41=\$20.5k		
62 - Cryogenic Systems																							
621 - LN2-LHe Supply System																							
631-001	Preliminary Design	02JUL07*	65	02OCT07	252			0.00	16,392.38												EM//EM =89hr ;		
631-010	Final Design**reduced scope	03OCT07	65	11JAN08	252			0.00	18,892.61												EM//EM =89hr ; EA//DM =176-160=16hr ;		
631-020	Procurement **reduced scope	14JAN08	88	14MAY08	252			0.00	123,340.80												41=88\$K -51.4=36.6 ;		
631-015	Fab/Assy/Installation**reduced scope	10MAR08	65	09JUN08	252			0.00	74,417.26												EM//EM =89hr ; EM//SM =140-116=24hr ; EM//TB =580-170=410hr ;		
622 - LN2 Coil Cooling Supply																							
632-001	**deleted scope	01JUL05	0	30JUN05	1,074			0.00	0.00														
623 - GN2 Cryostat Cooling System																							
633-001	Preliminary Design	02JUL07*	40	27AUG07	262			0.00	16,374.22												EM//EM =89hr ;		

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 Forecast
 xECP-30 Baseline
 Progress Bar
 Critical Activity

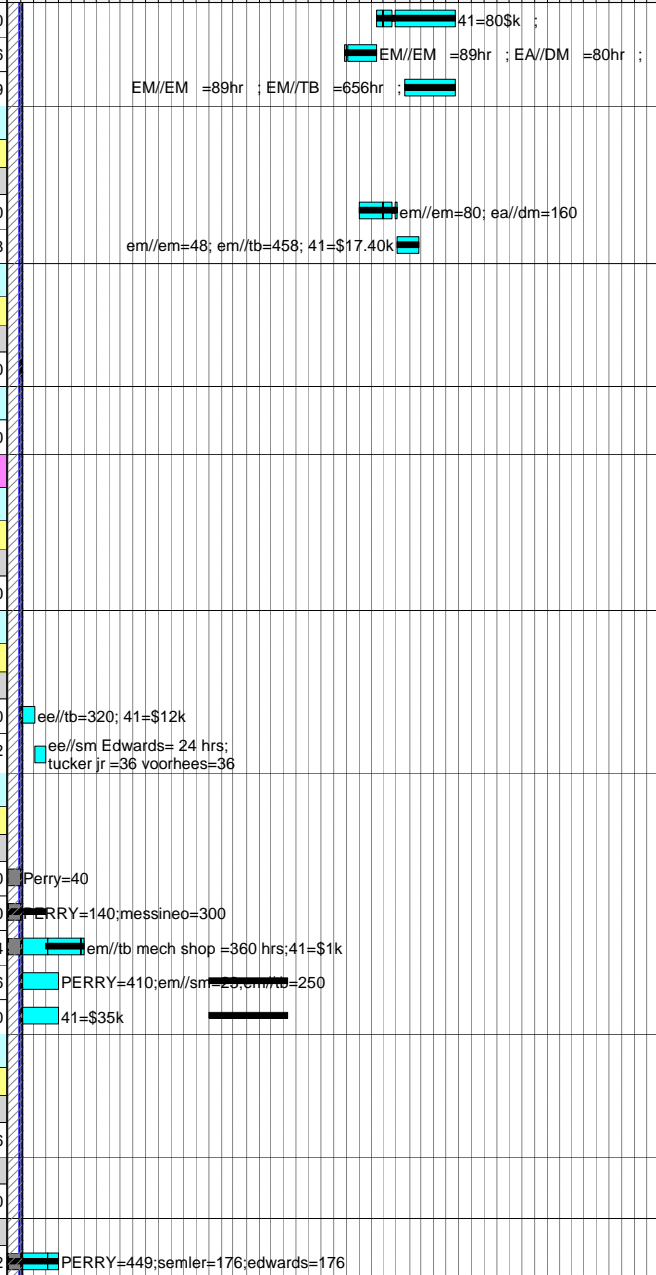
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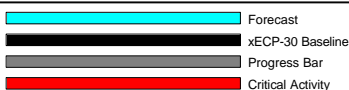
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY				
										FY05	FY06	FY07	FY08	FY09
633-020	Procurement	14NOV07	130	23MAY08	262			0.00	112,569.60					
633-010	Final Design	28AUG07	55	13NOV07	262			0.00	26,218.96					
633-015	Fab/Assy/Installation	23JAN08	88	23MAY08	262			0.00	75,053.09					
63 - Utility Systems														
640.011	Design GN2, Air & Vent Systems	01OCT07*	59	01JAN08	251			0.00	34,532.00					
640.021	Assembly/Fabrication	02JAN08	40	26FEB08	251			0.00	74,767.58					
64 - PFC/VV Heating & Cooling*ELIMINATED*														
650.001	Eliminated scope	01JUL05	0	30JUN05	1,074			0.00	0.00					
+ 65 - Facility Systems Integration														
		01APR03A	378	30SEP04A				24,380.00	24,380.00					
7 - Test Cell Preparation and Machine Assy														
71 - Shield Wall Seismic Modifications														
Job: 7101 - Shield Wall Modif Design-PERRY														
Prior Costs														
7101-000	Apr-Sept MIE Cost PPPL	01APR03A	66	30SEP03A			100	32,150.00	32,150.00					
72 - Control Room Refurbishment														
Job: 7201 - Control Room Walls&Floors-PERRY														
710.001	Install Wall east side control room	01JUL05*	24	04AUG05	1,032			0.00	39,573.60					
711B.050	Complete Control Room Flooring	05AUG05	18	30AUG05	1,032			0.00	8,019.12					
73 - Platform Design & Fabrication														
Job: 7301 - Platform Design & Fab-PERRY														
712.008	Update Platform Specification	01JUN05A	0*	30JUN05A			100	6,416.80	6,416.80					
712.010	Final Design	02MAY05A	43*	30JUN05A			100	53,163.80	53,163.80					
711A.040	Platform nut plates	01APR05A	171*	02DEC05	967		90	26,077.09	28,974.54					
712.020	Platform Parts	01JUL05*	65*	30SEP05	665			0.00	22,649.66					
712.030	Miscs Hardware/Material	01JUL05*	65*	30SEP05	665			0.00	44,835.00					
74 - Machine Assembly Planning and Oversight														
Job: 7401 - TC Prep & Mach Assy Planning-PERRY														
Oversight and Supervision														
711A.020	LOE FY04	01OCT03A	256*	30SEP04A			LOE	148,582.46	148,582.46					
Prior Costs														
7401-001	Apr-Sept MIE Cost PPPL	01APR03A	66	30SEP03A			100	164,000.00	164,000.00					
Project Scope														
714.010	LOE FY05	01OCT04A	249*	30SEP05	1,010		LOE	81,709.51	109,972.42					



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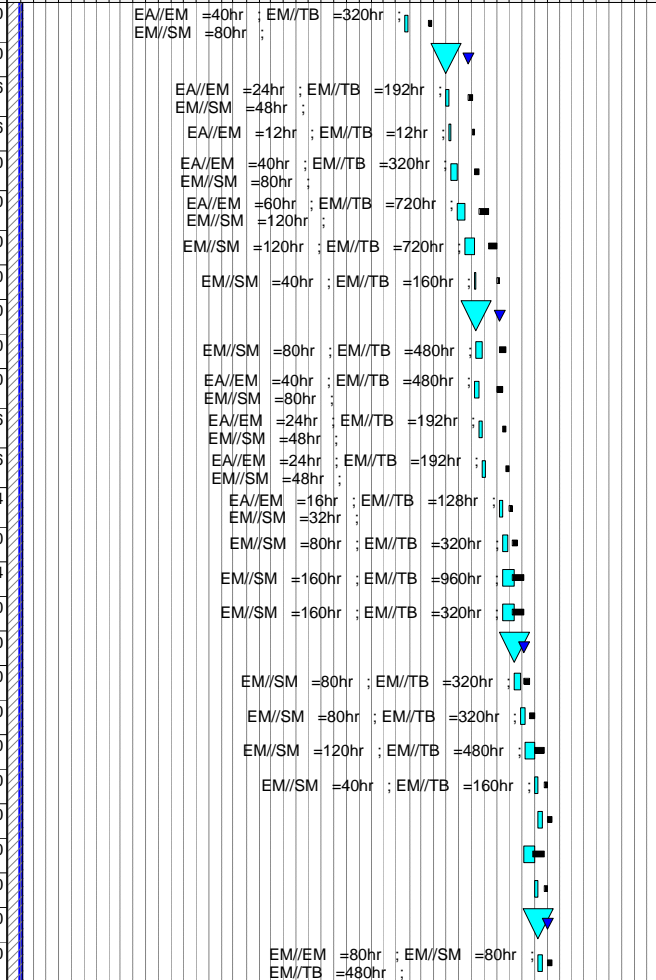
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	Fiscal Year				
										FY05	FY06	FY07	FY08	FY09
714.020	LOE FY06 prior to assy starting	03OCT05*	436*	02JUL07	574			0.00	124,295.03	perry=449;semler=176;edwards=176				
714.030	LOE FY07 thru first plasma	02JUL07*	444*	31MAR09	131			0.00	865,203.33	perry=1851;em/sm=1851				
+ FED/Infrastructure Support (non Project cost)														
		01OCT02A	830	10JAN06	951			0.00	0.00					
Test Cell Modifications & Upgrades														
613.030	Test Cell copper ground plane cuts	25JUL05*	20	19AUG05	1,045			0.00	10,223.40	tucker jr,voorhees 60 each 41=\$1k				
713.010	General procurements	02APR05A	128*	30SEP05	1,015		LOE	9,453.78	19,215.00	41=\$ 15 k				
7502-000	Outlet Design	02FEB04A	107*	30JUN04A				25,272.00	25,272.00					
7502-001	Test Cell 110v outlets	01APR05A	118*	16SEP05	1,020		50	8,401.60	16,803.20					
7502-002	Test Cell 208v outlets	01APR05A	118*	16SEP05	1,020		50	4,200.80	8,401.60					
7502-010	Ready Rooms (under control room) 110v outlets	01APR05A	118*	16SEP05	894		50	4,200.80	8,401.60					
7502-011	Cable Removal in test cell (S04335-32)	01OCT03A	0*	31OCT03A				9,937.20	9,937.20					
7502-025	TC Floor penetration covers	03NOV03A	42	26NOV03A				16,848.00	16,848.00					
EXFAC001.2	Complete Crane Modifications (S04354)	02FEB04A	0*	30JAN04A				37,608.48	37,608.48					
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	855,212.25	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	23DEC08*	41	17FEB09	161			0.00	99,710.51	em/tb=1087 support techs (4 fte)				
7501-07	Construction Support Crew during cryostat instl	14OCT08*	40	08DEC08	212			0.00	99,420.88	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	03OCT05*	42	01DEC05	884			0.00	33,625.20	ee/tb=160; M&S=\$10k				
7502-030	TC Floor firesealing	02DEC05	42	07FEB06	884			0.00	14,126.40	ee/tb=120;				
7502-035	Control room firesealing	08FEB06	42	06APR06	884			0.00	9,417.60	ee/tb=80				
7503 - Machine Assembly														
Revised Assembly Logic (ecp18)														
7503-010	Begin Assembly Activities	01OCT07*	0		164			0.00	0.00					
7503-020	Install & Level Support Base Plates	01OCT07	15	19OCT07	231			0.00	69,152.40	EA/EM =60hr ; EM/TB =480hr ; EM/SM =120hr ;				
7503-030	Install/Level FPA's and Spool Piece supports	22OCT07	30	04DEC07	231			0.00	138,304.80	EA/EM =120hr ; EM/TB =960hr ; EM/SM =240hr ;				
7503-060	Install Lower PF 4,5&6 into prelim position	18APR08	2	21APR08	154			0.00	4,830.08	EM/SM =16hr ; EM/TB =32hr ;				
7503-070	Install 3 Spool Pieces on fixt & test movement	05DEC07	10	18DEC07	231			0.00	46,101.60	EA/EM =40hr ; EM/TB =320hr ; EM/SM =80hr ;				
7503-080	FPA-1 Installed on support platform		0	18DEC07	231			0.00	0.00					
7503-090	Install local Platforms around FPA-1	19DEC07	10	10JAN08	232			0.00	46,101.60	EA/EM =40hr ; EM/TB =320hr ; EM/SM =80hr ;				
7503-110	FPA-2 Installed on support platform		0	23JAN08	212			0.00	0.00					
7503-120	Test movement of FPA-1& -2 & position checks.	24JAN08	5	30JAN08	212			0.00	23,050.80	EA/EM =20hr ; EM/TB =160hr ; EM/SM =40hr ;				

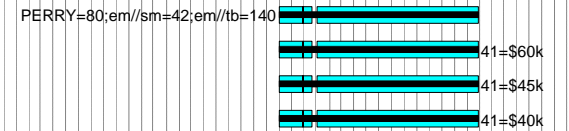
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY				
										FY05	FY06	FY07	FY08	FY09
7503-130	Install local Platforms around FPA-2	24JAN08	3	28JAN08	220			0.00	46,101.60					
7503-150	FPA-3 Installed on support platform		0	29APR08	148			0.00	0.00					
7503-160	Position all FPA's / Spool Pieces @ MC Interface	30APR08	6	07MAY08	148			0.00	27,660.96					
7503-170	FPA Metrology Checks to Assure Alignment	08MAY08	3	12MAY08	148			0.00	3,397.56					
7503-190	Install local Platforms around FPA-3	13MAY08	10	26MAY08	148			0.00	46,101.60					
7503-180	MC Interfaces: shim, ream holes ,bolt together	27MAY08	15	16JUN08	148			0.00	90,404.40					
7503-200	Mate-up and weld all VV-to-Spool interfaces	17JUN08	15	07JUL08	148			0.00	78,729.60					
7503-240	Bolt on preassembled pump duct	08JUL08	5	14JUL08	148			0.00	19,159.20					
7503-250	Begin Vac Vsl Pumpdown	15JUL08	0		155			0.00	0.00					
7503-260	PTP Pumpdown & leak check VV	15JUL08	10	28JUL08	155			0.00	52,486.40					
7503-210	Fit-up all TF coils	08JUL08	10	21JUL08	148			0.00	60,269.60					
7503-270	Raise lower PF 4,5&6 coils into final position	22JUL08	6	29JUL08	148			0.00	27,660.96					
7503-280	Install Upper PF 4,5 & 6 coils	30JUL08	6	06AUG08	148			0.00	27,660.96					
7503-290	Install PF Solenoid into position (U/L PF1,2,3)	10SEP08	4	15SEP08	124			0.00	18,440.64					
7503-310	Complete LN2 connections	16SEP08	10	29SEP08	134			0.00	38,318.40					
7503-320	Complete Elect Pwr connections	16SEP08	20	13OCT08	124			0.00	106,669.84					
7503-321	Complete mag diag & machine I&C	16SEP08	20	13OCT08	124			0.00	49,082.00					
7503-330	Begin Cryostat Installation	14OCT08	0		124			0.00	0.00					
7503-340	Install Cryostat Base, vapor barrie& port boots	14OCT08	10	27OCT08	124			0.00	39,695.20					
7503-350	Install Cryostat upper section,VB and port boots	28OCT08	10	10NOV08	124			0.00	39,695.20					
7503-360	Install Midplane Cryostat sections and port boot	11NOV08	15	01DEC08	124			0.00	59,542.80					
7503-370	Install Cryostat Circulation Duct	02DEC08	5	08DEC08	124			0.00	19,847.60					
730.8200Z	PTP and Cooldown (dup of 730.8200)	09DEC08	10	22DEC08	202			0.00	0.00					
730.1248	ACC Review	04NOV08	20	01DEC08	124			0.00	0.00					
730.1249	PSO Operational Readiness Assessment	02DEC08	5	08DEC08	124			0.00	0.00					
730.1250	PSO Operational Readiness Assessment		0	08DEC08	124			0.00	0.00					
730.8200	PTP and Cooldown	09DEC08	10	22DEC08	124			0.00	70,169.60					



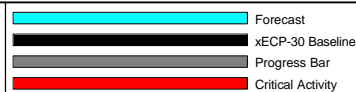
76 - Tooling Design & Fabrication

Job: 7601 - Tooling Design & Fabrication

713.020	Lab Fab/Assy/Installation	01OCT07*	341*	30JAN09	173			0.00	33,191.75					
713.030	Tooling,assy fixtures,misc equipt	01OCT07*	341*	30JAN09	173			0.00	84,851.61					
713.040	General procurements	01OCT07*	341*	30JAN09	173			0.00	63,638.71					
713.050	Welding tools, materials & equipt	01OCT07*	341*	30JAN09	173			0.00	56,567.74					



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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY					
										FY05	FY06	FY07	FY08	FY09	
8 - Project Oversight and Support															
81 - Project Management and Control															
Job: 8101 - Project Management & Control-NEILSON															
+ FY04 Actual Cost															
		01OCT03A	256	30SEP04A				873,124.78	873,124.78						
Prior Costs															
810.001	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A			100	387,340.00	387,340.00						
810.003	Project Management Office PPPL FY05	01OCT04A	251*	30SEP05	1,015		LOE	522,789.76	696,116.95		Hutch=1502 =,41=06\$; 35=08\$; strykowski=1503hr ; pam =1040hr;phil=173 schmidt=141				
810.004	Project Management Office PPPL FY06	03OCT05*	250*	29SEP06	765			0.00	698,791.02		hutch=1503 85% 41=02\$; 35=04\$; strykowski=1592 90% ; pam=832 40% ; phil=173 10%				
810.005	Project Management Office PPPL FY07	02OCT06*	251*	28SEP07	514			0.00	682,074.19		hutch=1503 85% ; strykowski=1592 90% ; pam=832 40%				
810.900	Project Management Office PPPL FY08	01OCT07*	253*	30SEP08	261			0.00	576,229.66		hutch=1238 70% ; strykowski=1326 75% ; pam=624 30% ; 35=2				
810.909	Project Management Office PPPL FY09	01OCT08*	173*	29MAY09	88			0.00	196,534.17		hutch=353 30% ; strykowski=589 50% ; ; 35=1				
Job: 8102 - NCSX MIE Management ORNL-LYON															
FY04 Actual Cost															
810.102	Project Management Office ORNL FY04	01OCT03A	256*	30SEP04A			LOE	88,000.00	88,000.00						
Prior Costs															
810.101	Apr-Sept MIE Cost ORNL	01APR03A	129*	30SEP03A			100	58,600.00	58,600.00						
810.103	Project Management Office ORNL FY05	01OCT04A	251*	30SEP05	1,015		LOE	70,668.42	95,368.98		ORNLRM =354hr; ornlam=178 ORNL41 =02\$; ORNL35 =03\$;				
810.104	Project Management Office ORNL FY06	03OCT05*	250*	29SEP06	514			0.00	57,354.87		ORNLRM =180hr Lyon 10-% ORNL41 =2\$ ornlam=141 Admin 8%				
810.104X	Project Management Office ORNL FY07	02OCT06	251*	28SEP07	514			0.00	50,514.32		ORNLRM =180hr 10% ORNL41 =2\$ ornlam=88 5%				
810.105X	Project Management Office ORNL FY08	02OCT07*	251*	29SEP08	262			0.00	36,664.00		ORNLRM =180hr 10% ORNL41 =2\$ ornlam=88 5%				
82 - Project Engineering															
Job: 8202 - Engr Mgmt & Sys Eng Support-REIERSEN															
FY04 Actual Cost															
820.002	LOE FY04	01OCT03A	256*	30SEP04A			LOE	601,555.68	601,555.68						
8202-ECP16	ecp16	01OCT03A	256*	30SEP04A			LOE	68,000.00	68,000.00						
Prior Costs															
820.110	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A			100	295,530.00	295,530.00						
820.003	Proj engr FY05	01OCT04A	251*	30SEP05	1,015		LOE	360,428.58	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	419,347.10		wayne=1640 ; 35=5k ; dudek=518 such=173 ;				
820.04X	Proj engr FY07	02OCT06*	248*	25SEP07	517			0.00	251,952.55		wayne=1036 ; 35=5k ; dudek=173 such=173				
820.004Z	Proj engr FY08	02OCT07*	249*	25SEP08	264			0.00	260,851.29		wayne=1036 ; 35=5k ; dudek=173 such=173				
820.005	Proj engr FY09	01OCT08*	173*	29MAY09	88			0.00	110,058.44		wayne=518 ; 35=3				

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Forecast
 xECP-30 Baseline
 Progress Bar
 Critical Activity

0506

NCSX
JUNE 2005
Status against ECP-30

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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY				
										FY05	FY06	FY07	FY08	FY09
8205FY05	System Engr Support FY05	01OCT04A	251*	30SEP05	1,015		LOE	147,919.90	199,622.00	;simmons=1208 70%%				
8205FY06	Systems Engineering Support FY06	03OCT05*	250*	29SEP06	765			0.00	158,420.91	;simmons=863 50%				
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*	30SEP05	1,015			131,394.12	171,028.50	messineo=1035; brown=285 17%				
8203-01	General Design Integration	01OCT04A	251*	30SEP05	1,015		LOE	0.00	0.00					
8203-02	Suprt interface aux sys dev&coolant/lead routing	01OCT04A	251*	30SEP05	1,015		LOE	0.00	0.00					
8203-03	Develop /maintain Pro/E model of NCSX facility	01OCT04A	251*	30SEP05	1,015		LOE	0.00	0.00					
8203-04	Support metrology efforts	01OCT04A	251*	30SEP05	1,015		LOE	0.00	0.00					
8203-06	Complt rvw of machine assembly approach	01JUL05*	4	07JUL05	1,076			0.00	0.00					
8203-07	Rvw cryostat & conventional magnet sys design	01JUL05*	9	14JUL05	1,071			0.00	0.00					
8203-08	tolerance reqmnts for MCsuprt install fixt dwgs	01JUL05*	39	25AUG05	1,041			0.00	0.00					
8203-09	Machine suprt dsn f/compatibility with assy reqt	01JUL05*	12	19JUL05	1,068			0.00	0.00					
8203-10	Dynamic simul MC half period install fixt w/ Pro	01JUL05*	42	30AUG05	1,038			0.00	0.00					
8203-11	Document NCSX Interlink& dwg control process	01JUL05*	11	18JUL05	1,069			0.00	0.00					
8203-12	Update definition VV spool piece assy simul	01JUL05*	19	28JUL05	1,061			0.00	0.00					
8203FY06	Design Integration FY06	03OCT05*	250*	29SEP06	765			0.00	256,544.01	ea//sm=863 brown=863;				
8203FY07	Design Integration FY07	02OCT06*	252*	01OCT07	513			0.00	137,444.25	ea//sm=345 brown=518;				
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					
8204FY05	Systems Analysis FY05	01OCT04A	251*	30SEP05	1,015		LOE	190,165.24	256,633.25	brooks=1553 90%				
8204FY06	Systems Analysis FY06	03OCT05*	250*	29SEP06	765			0.00	110,876.28	brooks=604 35%				
Job: 8205 - Dimensional Control Coordination														
Metrology														
740.135	Gary Puhl subcontract for metrology support	11AUG05	77	30NOV05	969			0.00	13,864.29	m&s=\$10k				
METFY05	Dimensional control FY05 ECP24	01FEB05A	172*	30SEP05	1,015		LOE	60,115.58	96,648.84	stratton=320 50%				
METFY06R	Metrology for FP & machine assy FY06	03OCT05*	250*	29SEP06	765			0.00	76,181.55	raftoplous (measurement) 25%=415hrs				

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NCSX
JUNE 2005
Status against ECP-30

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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days=1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	ECP-30 Budget	FY				
										FY05	FY06	FY07	FY08	FY09
METFY07R	Metrology for FP & machine assy FY07	03OCT06*	251*	01OCT07	513			0.00	78,268.30					
METFY08R	Metrology for FP & machine assy FY08	03OCT07*	250*	29SEP08	262			0.00	80,750.70					
+ 84 - Project Physics														
		01APR03A	385	30SEP04A				469,932.20	469,932.20					
85 - Integrated Systems Testing														
920.001	Procedure and Document Preparation	12DEC07*	250	08DEC08	124			0.00	481,503.73					
920.000	Startup Personnel	31OCT08	72	09FEB09	124			0.00	706,501.81					
920.004	Begin Start-up Testing	23DEC08	0		124			0.00	0.00					
920.005	Punch list, Cmplt PTP's, Reconfig, Rm temp Hi-pot	31OCT08	37	22DEC08	124			0.00	0.00					
920.010	Field Coil Testings, FCPC test & E-Beam Mapping	23DEC08	25	26JAN09	124			0.00	0.00					
920.020	Final ISTP	27JAN09	7	04FEB09	124			0.00	0.00					
920.021	Operations Approval	05FEB09	3	09FEB09	124			0.00	0.00					
730.9000	First Plasma		0	09FEB09	124			0.00	0.00					
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	01OCT04A	251*	30SEP05	1,015		LOE	224,298.48	302,697.00					
99.05P	PPPL Allocations FY05 rebaseline re-estimate	01OCT04A	251*	30SEP05	1,015		LOE	35,680.48	48,151.80					
99.06	PPPL Allocations FY06	03OCT05*	250*	29SEP06	765			0.00	340,474.80					
99.07	PPPL Allocations FY07	02OCT06*	252*	01OCT07	513			0.00	341,437.41					
99.08	PPPL Allocations FY08	01OCT07*	252*	29SEP08	262			0.00	171,438.96					
+ Contingency														
		01SEP05	1,037	30SEP09	0			0.00	12,803,920.41					

