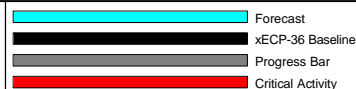


Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days=1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)						
										FY05	FY06	FY07	FY08	FY09	
<b>cc 9450 - NCSX Fabrication (MIE)</b>															
<b>1 - Stellarator Core Systems</b>															
<b>+ 11 - In-Vessel Components</b>															
		15JUL03A	78	30SEP03A			100	60.00	60.00						
<b>12 - Vacuum Vessel Systems</b>															
<b>+ Job: 1201 - Vacuum Vessel Prelim Dsn-**CLOSED**</b>															
		01APR03A	133	07OCT03A			100	424,420.00	424,420.00						
<b>+ Job: 1202 - Vacuum Vessel R&amp;D **CLOSED**</b>															
		01APR03A	385	30SEP04A				1,791,181.86	1,791,181.86						
<b>Job: 1206 - VV Field Weld Joint R&amp;D-**CLOSED**</b>															
<b>Vessel Weld Joint R&amp;D</b>															
1202-848	Bid,eval,award full size test sample **ECP36**	29APR04A	299*	30JUN05A				9,471.05	9,471.05						
1206-100	Prep Sample	01NOV04A	125*	29APR05A			100	1,260.24	1,260.24						
1206-110	Weld	01NOV04A	125*	29APR05A			100	298.08	298.08						
1206-115	Analyze	01NOV04A	10	30NOV04A			100	6,610.00	6,610.00						
<b>Job: 1203 - Vacuum Vessel Final Dsn-GORANSON</b>															
<b>+ Closeout PDR Design Deliverables</b>															
		01OCT03A	235	31AUG04A			100	34,746.30	34,746.30						
<b>+ PDR Recommendations</b>															
		01NOV03A	42	31DEC03A			100	25,738.00	25,738.00						
<b>Final Design Tasks</b>															
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						

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days=1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	Fiscal Year				
										FY05	FY06	FY07	FY08	FY09
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					
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	141*	15SEP05	306		20	1,550.00	7,750.00					
124-011.2	Analysis of Lateral supports	01FEB05A	85*	31MAY05A			100	6,200.00	6,200.00					
120-100	Magnetic Diag Interface/Install dwgs	01FEB05A	133*	29JUL05A			100	18,600.00	18,600.00					
122-011	Final design WBS 122 Thermal insulation	01JUN04A	326*	15SEP05	306		80	37,034.93	46,293.66					
122-012	Heater Tape Design	02MAY05A	97*	15SEP05	306		50	23,678.00	47,356.00					
1203-241	Check FMECA Analyses	01AUG05	34*	15SEP05	306			0.00	0.00					
124-011.3	check support analysis	24MAY05A	5	31MAY05A			100	4,960.00	4,960.00					
1203-901	**WBS 12 FINAL FDR **		0	15SEP05	306			0.00	0.00					
1203-271	Develop/Confirm & Installation Process	16SEP05	63	15DEC05	372		10	3,213.08	32,130.79					
<b>+ Vacuum Vessel Vendor Selection</b>														
		01JUN04A	86	30SEP04A			100	5,782.20	5,782.20					
<b>Job:1204-VV Sys Procurements (non VVSA)-GORANSON</b>														
<b>Thermal Insulation</b>														
122-030.0	Issue req & dwg pkg VV Thermal Insul WBS 122	01NOV05*	0		279			0.00	0.00					
122-030	SPEA VV Thermal Insulation WBS 122	01NOV05	43	10JAN06	279			0.00	0.00					
122-036.9	Award VV Insulation WBS 122		0	10JAN06	308			0.00	0.00					
122-037	VV Insulation Procurement WBS 122	11JAN06	89	15MAY06	308			0.00	124,916.79					
122-031	Title III engr WBS 122	01NOV05*	132	15MAY06	279			0.00	24,874.84					
<b>VV Heating/Cooling Tubing</b>														
123-030.0	Issue Proc Pkg for VV H/C Tubing WBS 123	12AUG05*	0		331			0.00	0.00					
123-030	Issue RFQ & Select Vendor VV H/C Tubing WBS 123	12AUG05	35	29SEP05	331			0.00	0.00					
123-030.1	Vendor Fab Prototype VV H/C Tubing WBS 123	30SEP05	20	27OCT05	331			0.00	0.00					
123-030.2	Evaluate Prototype and Award H/C Tubing WBS 123	28OCT05	17	21NOV05	331			0.00	0.00					
123-036.9	Award H/C Tubing WBS 123		0	21NOV05	331			0.00	0.00					
123-037	Fabricate and Deliver H/C Tubing WBS 123	22NOV05	65	02MAR06	331			0.00	327,687.24					
123-041	VV Heating/Cooling Fab/Assy WBS 123	03MAR06	65	02JUN06	331			0.00	15,447.46					
123-031	Title III engr WBS 123	12AUG05	220	28JUN06	831			0.00	9,403.15					

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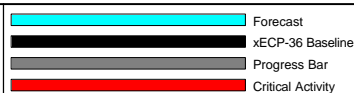
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days=1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	FY				
										FY05	FY06	FY07	FY08	FY09
<b>VV H/C Manifolds &amp; Headers</b>														
123-130.0	Issue Proc Pkg for VV H/C Manifolds WBS 123	18JAN06*	0		279			0.00	0.00					
123-130	Issue RFQ & Select Vendor VV H/C Manifold WBS 123	18JAN06	40	14MAR06	279			0.00	0.00					
123-136.9	Award H/C Manifolds WBS 123		0	14MAR06	279			0.00	0.00					
123-137	Fabricate and Deliver H/C Manifolds WBS 123	15MAR06	65	14JUN06	279			0.00	36,975.00					
<b>VV Supports</b>														
124-030.0	Issue req & dwg package VV Vertical Supports	01AUG05*	0		466			0.00	0.00					
124-030	SPEA VV Vert. Supports WBS 124	01AUG05	43	28SEP05	466			0.00	0.00					
124-036.9	Award VV Vert. Supports WBS 124		0	28SEP05	466			0.00	0.00					
124-037	VV Vert. Supports Procurement WBS 124	29SEP05	60	23DEC05	466			0.00	17,742.42					
124-041	VV Vert. Supports Fab/assy WBS 124	04MAY07	20	01JUN07	128			0.00	722.64					
124-031	Title III engr WBS 124	01AUG05	103	23DEC05	486			0.00	10,105.56					
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					
<b>VV Local I&amp;C</b>														
125-036	Issue Procurement Package Local I&C WBS 125	16SEP05*	0		383			0.00	0.00					
125-037	Procurement Local I&C WBS 125	16SEP05	60	12DEC05	383			0.00	3,462.48					
125-015	Title III design Local I&C WBS 125	16SEP05	61	13DEC05	382			0.00	2,992.13					
<b>Job: 1250 - Vacuum Vessel Fabrication-VIOLA</b>														
<b>Start Up/Engineering</b>														
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					
VVSA-035	Trinos Flanges	01SEP05*	20	28SEP05	1,036			0.00	39,000.00					
<b>Dies &amp; Gages</b>														
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					
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					
<b>Fixture (2) 60 degree</b>														
VVSA-101	Engineering	25OCT04A	109*	31MAR05A		100		0.00	0.00					

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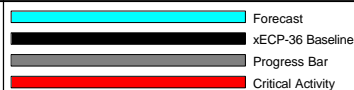
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	Fiscal Year					
										FY05	FY06	FY07	FY08	FY09	
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						
VVA-152	Inspection Second		0	23JUN05A			100	0.00	0.00						
<b>Fixture (3) 120 degree</b>															
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	48=\$220k					
121-110	S005243 #3-Fixture material procured		0	13JUN05A			100	0.00	0.00	Contract Milestone Payment \$220 (ref only)					
VVSA-181	Fab & Machine	13JUN05A	82*	29JUL05A			100	0.00	0.00						
VVSA-191	Assemble	22JUN05A	78*	29JUL05A			100	0.00	0.00						
VVSA-201	Deburr	04JUL05A	75*	29JUL05A			100	0.00	0.00						
VVSA-211	Inspection -	30JUN05A	48*	29JUL05A			100	0.00	0.00						
<b>Panels &amp; Ports</b>															
VVSA-221	Procure Vessel Material	29OCT04A	127	31MAY05A			100	471,490.00	471,490.00	41=\$290k 48=\$100k amendment					
121-105	S005243 #2-Vessel material procured		0	31MAY05A			100	0.00	0.00	Contract Milestone Payment \$290 (ref only)					
VVSA-231	Production Panels Period #1 LOT 4	22APR05A	81*	12AUG05	407	90		234,000.00	260,000.00	48=\$260k					
121-120	S005243 #5-1/3 of Vessel plates formed		0	12AUG05*	1,069	90		0.00	0.00	Contract Milestone Payment \$260 (ref only)					
VVSA-241	Production Panels Period #2 LOT 5	28JUN05A	35*	15AUG05	493	40		96,000.00	240,000.00	48=\$240k					
121-125	S005243 #6-Second 1/3 of vsl plates formed		0	15AUG05*	1,068	40		0.00	0.00	Contract Milestone Payment \$200 (ref only)					
VVSA-251	Production Panels Period #3 LOT 6	28JUN05A	55*	12SEP05	1,048	30		72,000.00	240,000.00	48=\$240k					
121-130	S005243 #7-Last 1/3 of vsl plates formed		0	12SEP05*	1,048	30		0.00	0.00	Contract Milestone Payment \$200 (ref only)					
VVSA-261	Port Ext, Misc HW Period #1 LOT 7	04APR05A	119*	15SEP05	407	45		0.00	0.00						
VVSA-271	Port Ext, Misc HW Period #2 LOT 8	04APR05A	140*	14OCT05	473	45		0.00	0.00						
VVSA-281	Port Ext, Misc HW Period #3 LOT 9	04APR05A	151*	31OCT05	541	54		0.00	0.00						
VVSA-291	Spacer & port Ext Fixture LOT 13	06JUN05A	75*	16SEP05	631	80		0.00	0.00						
<b>First 120 deg segment</b>															
VVSA-301	1st 60 deg segment	10JUN05A	46*	12AUG05	407	95		166,250.00	175,000.00						
VVSA-311	2nd 60 deg segment	23JUN05A	38*	15AUG05	407	60		105,000.00	175,000.00						
VVSA-321	Join two pieces	16AUG05*	8	25AUG05	407			0.00	50,000.00	48=\$400k					
121-135	S005243 #8-One VVSA fabricated		0	25AUG05	1,060			0.00	0.00	Contract Milestone Payment \$375 (ref only)					
VVSA-331	Machine for Ports	26AUG05	15*	15SEP05	407			0.00	0.00						
VVSA-341	Weld Ports	16SEP05	17*	10OCT05	407			0.00	0.00						
VVSA-351	Final Machine	11OCT05	5*	17OCT05	407			0.00	0.00						
VVSA-361	Vacuum Test	18OCT05	8*	27OCT05	407			0.00	0.00						
VVSA-371	Cut Off Ports	28OCT05	7*	07NOV05	407			0.00	0.00						
VVSA-381	Pack for Shipping LI#4	08NOV05	5	14NOV05	407			0.00	0.00						

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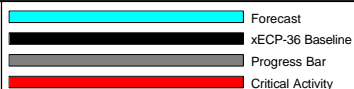
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days=1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	Fiscal Year				
										FY05	FY06	FY07	FY08	FY09
VVSA-391	Receive at PPPL	15NOV05	3	17NOV05	407			0.00	375,560.00					
121-150	S005243 #11-Receipt/Acceptance of 1st VVSA		0	17NOV05*	1,000			0.00	0.00					
<b>Second 120 deg segment</b>														
VVSA-401	60 deg segment	12AUG05*	16*	02SEP05	484			0.00	175,000.00					
VVSA-411	60 deg segment	16AUG05*	15*	05SEP05	482			0.00	175,000.00					
VVSA-421	Join two pieces	06SEP05*	7*	14SEP05	482			0.00	55,000.00					
121-140	S005243 #9-Second VVSA fabricated		0	14SEP05	1,046			0.00	0.00					
VVSA-431	Machine for Ports	15SEP05*	13*	03OCT05	482			0.00	0.00					
VVSA-441	Weld Ports	17OCT05*	5*	21OCT05	473			0.00	0.00					
VVSA-451	Final Machine	24OCT05	14	10NOV05	473			0.00	0.00					
VVSA-461	Vacuum Test	11NOV05	10	24NOV05	473			0.00	0.00					
VVSA-471	Cut Off Ports	25NOV05	10	08DEC05	473			0.00	0.00					
VVSA-481	Pack for Shipping LI#4	09DEC05	5	15DEC05	473			0.00	0.00					
VVSA-491	Receive at PPPL	16DEC05	2	19DEC05	473			0.00	375,000.00					
121-155	S005243 #12-Receipt /Acceptance of 2nd VVSA		0	19DEC05*	978			0.00	0.00					
<b>Third 120 deg segment</b>														
VVSA-501	60 deg segment	02SEP05*	16*	23SEP05	535			0.00	0.00					
VVSA-511	60 deg segment	26SEP05	12	11OCT05	535			0.00	0.00					
VVSA-521	Join two pieces	12OCT05	11	26OCT05	535			0.00	375,000.00					
121-145	S005243 #10-Third VVSA fabricated		0	26OCT05	1,016			0.00	0.00					
VVSA-531	Machine for Ports	27OCT05	9	08NOV05	535			0.00	0.00					
VVSA-541	Weld Ports	09NOV05	14	28NOV05	535			0.00	0.00					
VVSA-551	Final Machine	29NOV05	10	12DEC05	535			0.00	0.00					
VVSA-561	Vacuum Test	13DEC05	10	26DEC05	535			0.00	0.00					
VVSA-571	Cut Off Ports	27DEC05	22	25JAN06	535			0.00	0.00					
VVSA-581	Pack for Shipping LI#4	26JAN06	3	30JAN06	535			0.00	0.00					
VVSA-591	Receive at PPPL	31JAN06	4	03FEB06	535			0.00	375,000.00					
121-160	S005243 #13-Receipt/Acceptance of 3rd VVSA		0	03FEB06*	944			0.00	0.00					
121-038.1	All Vacuum Vessel Sections (3) Delivered		0	03FEB06	535			0.00	0.00					
<b>Ship Tooling</b>														
VVSA-601	Pack Tooling for PPPL	31JAN06	5	06FEB06	939			0.00	0.00					
VVSA-611	PPPL Receive Tooling	07FEB06	4	10FEB06	939			0.00	486,000.00					
121-165	S005243 #14-Delivify of tooling,dies,fixtures		0	10FEB06*	939			0.00	0.00					
121-031	VVSA Title III engr	21MAY04A	631	28FEB05A				LOE	27,753.79	27,753.79				
121-034	VVSA Title III engr	01MAR05A	440*	22NOV06	727			LOE	17,880.22	73,581.15				
121-032	VVSA Contract oversight FY04	21MAY04A	386*	30SEP04A				LOE	20,052.50	20,052.50				
121-033	VVSA Contract oversight FY05	01OCT04A	290*	28FEB05A				LOE	75,267.38	75,267.38				

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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)	Budget (ECP-36)	FY05					FY06					FY07					FY08					FY09				
121-035	VVSA Contract oversight FY05 & FY06	01MAR05A	231*	31JAN06	936		LOE	119,919.68	259,005.79	Violata 85%=1304hrs 35=\$24k																								
121-035.1	ORNL fesign support during MTM Contract	01MAR05A	231*	31JAN06	936		LOE	14,786.86	31,937.06	ORNL Jones=200 hrs etc only																								
121-036	Ship vac equipt from PPPL to MTM for vac testing	27SEP05	15	17OCT05	390			0.00	2,852.40	m&s=\$2k																								
121-037	Purchase seals and ship to MTM	25APR05A	70*	29JUL05A			100	42,447.20	42,447.20	ORNL m&s=\$31.2 k; ornlem=16hrs																								
121-038	assist MTM testing of VVSA	18OCT05	47*	23DEC05	517			0.00	0.00	provost=160hrs etc only																								
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																									
121-999	undistributed budget	01AUG05	1	01AUG05	1,059			0.00	0.00	database error. Contract cost previously entered at \$114k higher than actual contract due to data entry error. Since this has already been reflected in ECP31 in wbs 12 the money has been removed from the task and left in as undistributed budget. UPDATE: drawdown in ECP36																								

### 13 - Conventional Coils

#### Job: 1301 - TF Design-KALISH

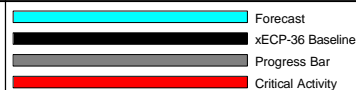
##### + Preliminary Design

	01OCT03A	355	28FEB05A			100	471,974.00	471,974.00
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##### 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-06	Complete ICDs	01MAR05A	106*	29JUL05A			100	0.00	0.00	
1301FD-17	Resolve Tolerance Issues	01MAR05A	97*	15JUL05A			100	6,610.00	6,610.00	RUSHINSKI =40
1301FD-21	Test 2nd Sample	01APR05A	72*	13JUL05A			100	21,162.00	21,162.00	m&s=2
1301FD-03	Layout Subassembly Fixture	25MAY05A	26*	30JUN05A			100	5,288.00	5,288.00	RUSHINSKI =32

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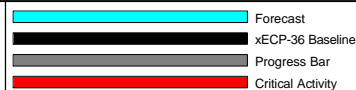
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days=1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	Fiscal Year				
										FY05	FY06	FY07	FY08	FY09
1301R-31	Review and Approve Coil Spec	31MAY05A		31MAY05A			100	0.00	0.00					
1301FD-70	TF Conductor FDR		0	09JUN05A			100	0.00	0.00					
131-012C	Wedge Casting FDR		0	13JUL05A			100	0.00	0.00					
1301FD-05	Analysis Check	01MAR05A	114*	09AUG05	357		60	15,864.00	26,440.00					
1301FD-08	Resolove PDR Chits	01MAR05A	117*	12AUG05	354		90	0.00	0.00					
1301FD-22	Evaluate Results	01APR05A	91*	09AUG05	357		90	0.00	0.00					
1301R-37	Prepare Coil Spec	01MAR05A	117*	12AUG05	354		40	0.00	0.00					
133-010	Design WBS 134 Conv Coil I&C	01MAR05A	117*	12AUG05	352		10	1,322.00	13,220.00					
131-012	Comprehensive WBS 13 TF FDR		0	12AUG05*	352			0.00	0.00					
1301FD-84	TF Coil Fabrication & assy package approved	15AUG05	5	19AUG05	466			0.00	0.00					
1301FD-50	Engineering LOE	02APR05A	93*	12AUG05	354		LOE	44,220.90	49,575.00					
<b>+ Prior Costs</b>														
		01APR03A	378	30SEP04A				163,695.13	163,695.13					
<b>Job: 1302 - PF and CS Design -KALISH</b>														
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					
<b>Job: 1350 TF Coil Fab Preparation-CHRZANOWSKI</b>														
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		60	12,460.92	20,768.20					
1350-510	Taping Machine Conditioning	01AUG05*	45*	30SEP05	1,015			0.00	27,656.20					
1350-515	Winding mandrel	01JUL05A	65*	30SEP05	1,015		10	9,526.63	30,930.60					
1350-520	Misc tools & equip	01AUG05*	45*	30SEP05	1,015			0.00	3,843.00					
1350-525	TF mold (2)	01AUG05*	67*	01NOV05	993			0.00	80,662.04					
1350-600	Build Cleanroom	28MAR05A	104*	22AUG05	1,044		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*	35*	21OCT05	1,000			0.00	10,382.99					
1350-615	Install taping machine	05SEP05*	35*	21OCT05	1,000			0.00	10,382.99					
1350-620	Complete setup of facility		0	21OCT05	1,000			0.00	0.00					
<b>Job: 1351 - TF Coil Fabrication-KALISH</b>														
<b>TF Fabrication Oversight</b>														
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					

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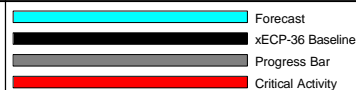
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days=1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	FY				
										FY05	FY06	FY07	FY08	FY09
131-033	Winding operations field oversight	01AUG05	463*	07JUN07	311			0.00	23,502.36	meighan=5%=200				
<b>TF Materials &amp; Supplies</b>														
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	m&s=\$88.89k (for 20 coils)				
1301FD-78	TF Wedge Plate procurement package approved	29JUL05A	5	29JUL05A			100	0.00	0.00					
1301FD-80	Prepare and Issue TF Wedge Plate RFP	12AUG05*	5	18AUG05	455			0.00	0.00					
1301FD-82	Evaluate and award TF Wedge Plate Fabrication	19AUG05	20	16SEP05	455			0.00	0.00					
1351-85C	Award TF Castings		0	16SEP05	457			0.00	0.00					
1351-85D	Vendor Fab TF Castings	19SEP05	100	15FEB06	457			0.00	284,466.60	M&S=198k				
1351-525	Coil Supplies- Insulation	15AUG05	65	11NOV05	437			0.00	109,790.77	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				
<b>TF Braze Qualification</b>														
1351-512	Prepare braze samples	17OCT05*	15	04NOV05	379			0.00	9,417.60	machinist=80				
1351-513	Develop braze 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				
<b>Conductor Prep</b>														
1351-547	Conductor Preparation	17OCT05	21	14NOV05	429			0.00	28,069.44	em//tb=336				
<b>Coil Winding</b>														
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				

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Completed tasks summarized



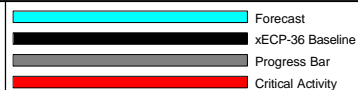






Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days=1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	FY						
										FY05	FY06	FY07	FY08	FY09		
184-036	Award External Trim Coils		0	14MAR07*	148			0.00	0.00							
184-037	External Trim Coil 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							
<b>Job: 1355 - WBS 13 I&amp;C Proc &amp; Coil Assy-KALISH</b>																
<b>TF/PF Load I&amp;C</b>																
133-015	Title III WBS 134 Conv Coil I&C	09OCT06*	130	18APR07	626			0.00	1,098.28							
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							
<b>14 - Modular Coils</b>																
<b>+ Job: 1401 - Mod Coil Prel.Dsn**CLOSED**</b>																
		01APR03A	128	30SEP03A				100	303,040.00	303,040.00						
<b>+ Job: 1402 - Mod.Coil Analyses**CLOSED**</b>																
		01APR03A	128	30SEP03A				100	239,140.00	239,140.00						
<b>+ Job:1404-MCWF R&amp;D &amp; 1st Prod Casting**CLOSED**</b>																
		01APR03A	443	31DEC04A				100	2,533,518.06	2,533,518.06						
<b>+ Job: 1413 -MCWF Fracture Analysis-**CLOSED**</b>																
		01MAR05A	44	29APR05A				100	23,169.40	23,169.40						
<b>+ Job: 1405-Mod Coil Winding R&amp;D Prep-**CLOSED**</b>																
		01APR03A	43	30MAY03A					168,070.00	168,070.00						
<b>+ Job: 1407 -Mod Coil Winding Facility-**CLOSED**</b>																
		01APR03A	419	30NOV04A					2,522,993.12	2,522,993.12						
<b>+ Job: 1412 - Complete Winding Facilities-*CLOSED*</b>																
		01OCT04A	187	01JUL05A				100	540,436.88	540,436.88						
<b>+ Job: 1406 - Mod. Coil Winding R&amp;D-**CLOSED**</b>																
		01APR03A	507	31MAR05A				100	2,213,588.41	2,213,588.41						
<b>+ Job: 1410 MC Twisted Racetrack Fabr-**CLOSED**</b>																
		01OCT04A	206	29JUL05A				100	1,080,211.32	1,080,211.32						
<b>+ Job: 1409 - Mod. Coil Test Stand-GETTELFINGER</b>																
		20OCT03A	442	29JUL05A					853,941.31	853,941.31						
<b>Job: 1414 Coil Testing-Gettelfinger</b>																
<b>Twisted Racetrack Hardware Fabrication</b>																
1409-141	Modify Cryostat for TRC	01APR05A	91*	09AUG05	1,047	20		2,384.64	11,923.20							
1406-020	Begin Testing of Twisted RT in Coil test Stand	10AUG05*	0		180			0.00	0.00							
1406-021	Test Coil	10AUG05	10*	23AUG05	179			0.00	30,844.24							
1406-023	Dissect Coil	24AUG05	5*	30AUG05	179			0.00	5,961.60							
<b>Production Modular Coils</b>																
1409-130	Production Cryostat Design	01SEP05*	10	15SEP05	999			0.00	6,416.80							

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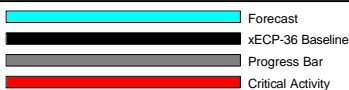
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	FY05												FY06												FY07												FY08												FY09																							
1409-135	Production Cryostat Fabr & Install	16SEP05	22	17OCT05	999			0.00	23,283.60	■ 41=\$10k; em//tb=120																																																																							
1409-199	Closed Loop Facility Available for Production MC		0	17OCT05*	999			0.00	0.00	▼																																																																							
P1-021	Test Coil (Coil Test Stand) C1	23MAR06	7	31MAR06	348			0.00	31,012.48	■												EM/TB=176,EE/TB=72,EE/SM=20,EE/EM=16,EM/EM=28,																																																											
P1-021.1	Complete First Mod Coil Fabrication C1		0	31MAR06	348			0.00	0.00	▼																																																																							
P2-021	Test Coil (Coil Test Stand) A1	21JUL06	7	31JUL06	264			0.00	31,012.48	■												EM/TB=176,EE/TB=72,EE/SM=20,EE/EM=16,EM/EM=28,																																																											
P1-051	Test Coil (Coil Test Stand) B1	06DEC06	7	14DEC06	169			0.00	31,729.12	■												EM/TB=176,EE/TB=72,EE/SM=20,EE/EM=16,EM/EM=28,																																																											
<b>Job: 1415 Dimensional Control Testing-RAFTOPOLOU</b>																																																																																	
<b>Production Modular Coils</b>																																																																																	
1415-100	Straight Tee Lacing Test	20JUN05A	19*	15JUL05A				7,425.00	14,850.00	■																																																																							
<b>Job: 1403 - Modular Coil Final Design-WILLIAMSON</b>																																																																																	
<b>+ PDR/PBR Prep</b>																																																																																	
		01OCT03A	61	24DEC03A				18,016.60	18,016.60																																																																								
<b>+ Requirements/Config and Interfaces</b>																																																																																	
		15OCT03A	160	28MAY04A				46,457.09	46,457.09																																																																								
<b>+ Analysis - Thermal &amp; Electrical</b>																																																																																	
		15OCT03A	152	18MAY04A				39,639.40	39,639.40																																																																								
<b>+ Analysis - Structural</b>																																																																																	
		15OCT03A	152	18MAY04A				367,160.37	367,160.37																																																																								
<b>+ Winding Form FDR Prep</b>																																																																																	
		15OCT03A	236	16SEP04A				383,223.24	383,223.24																																																																								
<b>+ MCWF Procurement</b>																																																																																	
		01JUN04A	86	30SEP04A				45,223.48	45,223.48																																																																								
<b>Coil-to-coil Interface Design</b>																																																																																	
1403-11	Prepare assembly / interface drawings for ICDs	15OCT03A	268*	30SEP04A				9,304.29	9,304.29																																																																								
1403-12	Finalize and approve all ICDs	01MAR04A	173*	30SEP04A				4,632.84	4,632.84																																																																								
1403-15	Prepare winding form asm / detail drawings	03NOV03A	265*	30SEP04A				62,028.58	62,028.58																																																																								
1403-48	Update design basis document	26APR04A	47*	30JUN04A				15,442.80	15,442.80																																																																								
1403-11.1	Compl assembly / interface drawings for ICDs	01NOV04A	219*	15SEP05	1,026	60		18,600.00	31,000.00	■												Hargrove, Lovett,=80 williamson=40																																																											
1403-16	Assembly bolts, nuts,washers	01OCT04A	240*	15SEP05	363	60		7,440.00	12,400.00	■												M.Brown=80																																																											
1403-17	Assembly shims	01OCT04A	240*	15SEP05	363	60		7,440.00	12,400.00	■												M.Brown=80																																																											
1403-18	Eccentric ball assembly	08NOV04A	214*	15SEP05	363	60		7,440.00	12,400.00	■												M.Brown=80																																																											
1403-19	Top assembly dwgs for mod coil shell	01OCT04A	240*	15SEP05	1,026	60		11,160.00	18,600.00	■												M.Brown=120																																																											
1403-19A	Bladder Details	01JUL05A	54*	15SEP05	363	20		4,588.00	12,400.00	■												M.Brown=80																																																											
<b>MCWF &amp; Winding Analysis/Testing</b>																																																																																	
1403-ECP16	ecp16	01JUN04A	108*	30SEP04A				139,000.00	139,000.00																																																																								
1403-FY04	Analysis fy04	01JUN04A	108*	30SEP04A				48,083.50	48,083.50																																																																								
1403-27	Prepare thermal, electrical analysis report	02FEB04A	128*	30JUL04A				20,590.40	20,590.40																																																																								
1403-27A	Update winding pack thermal/hydraulic analysis	01JUN04A	97*	30SEP04A				20,590.40	20,590.40																																																																								
1403-40.3X	Modify MCWF Contract Documents & drawings	01AUG04A	43*	30SEP04A				20,590.40	20,590.40																																																																								

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Completed tasks summarized

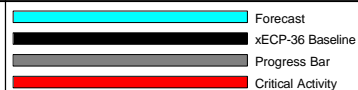
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days=1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	Fiscal Year				
										FY05	FY06	FY07	FY08	FY09
1403-42	Complete FDR Struct Analysis Report	01JUN04A	108*	30SEP04A			100	29,867.60	29,867.60					
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	230*	01SEP05	1,036		90	17,847.00	19,830.00					
1403-40.2Z	Update nonlinear winding pack analysis	01AUG04A	273*	01SEP05	1,036		90	76,876.67	85,418.51					
1403-42H	calculate EM loads at leads	01AUG05*	24*	01SEP05	1,036		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	209*	01SEP05	1,036		80	22,320.00	27,900.00					
1403-47A	Update,review & approve FMECA	01AUG05*	24*	01SEP05	1,036		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	01AUG05*	11*	15AUG05	1,049			0.00	0.00					
1403-73	Prep struct analysis report	01MAY05A	74*	15AUG05	1,049		30	10,552.40	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	01AUG05*	11*	15AUG05	1,049			0.00	6,610.00					
1403-49A	Update tech sheets for new #of turns	01JUN05A	47*	05AUG05	1,055		20	1,240.00	6,200.00					
1403-50A	Check inductance calculation	01AUG05	5*	05AUG05	1,055			0.00	6,200.00					
<b>Winding and Assembly Design-Type C</b>														
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					

hm fan=120  
freudenberg=480;williamson=40  
nelson=4Myatt=40 (\$5k)  
williamson=60  
FAN =240hr ;  
brooks=60  
heizenroeder=20  
battiste=180.  
Williamson=80  
nelson=40  
FREUDENBERG =80hr ;  
FREUDENBERG =80hr ;  
fan=40  
williamson=40  
ornlem=40

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days=1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	Fiscal Year				
										FY05	FY06	FY07	FY08	FY09
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					
1403-20.00	Resolve FDR chits	25APR05A	91*	31AUG05	1,037		90	2,790.00	3,100.00					
1403-221	Lead ends assy-Type C	01NOV04A	195*	12AUG05	1,050		95	18,445.00	19,220.00					
1403-201	Leads start assy Dwgs (10)-Type C	01JAN04A	407*	12AUG05	1,050		95	41,062.68	43,223.87					
1403-58X1	Check and promote cladding & terminal dwg-Type C	29APR05A	74*	12AUG05	157		95	5,890.00	6,200.00					
1403-58X2	Check and promote lead blocks	01MAY05A	73*	29JUL05A			100	12,400.00	12,400.00					
1403-502	Lead Block dwgs apprvd for fabrication	29JUL05A	0*	29JUL05A			100	0.00	0.00					
1403-223C	Finish Top level coil assembly-Type C	01MAR05A	117*	12AUG05	1,050		70	8,680.00	12,400.00					
1403-220	Cladding assembly-Type C	01OCT04A	216*	12AUG05	1,050		90	39,339.00	43,710.00					
1403-200	Side A/B winding pack assy-Type C	01JAN04A	420*	31AUG05	1,037		90	31,281.80	34,757.55					
1403-222	Terminal / elec services assembly-Type C	01NOV04A	208*	31AUG05	1,037		95	9,424.00	9,920.00					
1403-224C	Finish VPI mold assembly-Type C	01MAR05A	135*	07SEP05	1,032		30	930.00	3,100.00					
1403-208C	Finish I&C Dwgs -Type C	01MAR05A	135*	07SEP05	1,032		30	1,860.00	6,200.00					
1403-206.1	Cooling tubes/services assy- Type C	25APR05A	96*	07SEP05	1,032		60	5,580.00	9,300.00					
1403-206C	Finish Cooling, Electr Schematic Dwgs - Type C	01MAR05A	135*	07SEP05	1,032		30	1,860.00	6,200.00					
1403-58C	Check and promote clamp, I&C assy dwgs -Type C	01JUN05A	70*	07SEP05	1,032		80	12,400.00	15,500.00					
1403-60C	Finish Update design basis document	02MAY05A	91*	07SEP05	1,032		30	3,720.00	12,400.00					
1403-59	Type-C product specifications	02MAY05A	86*	31AUG05	160		60	4,340.00	6,200.00					
1403-49	Update cost / schedule estimates	02MAY05A	86*	31AUG05	160		30	930.00	3,100.00					
1403-204	Outer Chill Plate Dwgs -Type C	01SEP04A	250*	31AUG05	165		90	42,132.41	43,965.89					
1403-203C	Finish Clamp Dwgs (5)-Type C	01MAR05A	135*	07SEP05	334		90	13,950.00	15,500.00					
1403-506	Chill plate dwgs approved for fabrication	01SEP05	0*	31AUG05	165			0.00	0.00					
1403-510	Clamp and assy dwgs approved for fabrication	08SEP05	0*	07SEP05	334			0.00	0.00					
1403-20.2	Resolve FDR chits	01SEP05*	11	15SEP05	168			0.00	6,200.00					
1403-70.05	Update MIT/QA Plans for Type C Winding Fab	01SEP05	5	08SEP05	173			0.00	6,200.00					
1403-20.0	Final Design Close-out for Type C		0	30SEP05*	157			0.00	0.00					
1403-20.1	Mod Coil Type C Fab Preparedness Review	03OCT05	1	03OCT05*	157			0.00	0.00					
<b>Winding and Assembly Design-Type A</b>														
1403-319	MCWF studs, modifications-Type A	29APR05A	182*	23JAN06	129		30	1,925.94	6,419.80					
1403-320	Cladding assembly-Type A	02MAY05A	181*	23JAN06	115		60	19,263.05	32,105.08					
1403-301	Leads & crossover Dwgs (10)-Type A	01SEP05*	95	23JAN06	129			0.00	6,621.09					

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	Fiscal Year					
										FY05	FY06	FY07	FY08	FY09	
1403-300	Winding pack assy Dwgs (8)-Type A	01SEP05*	95	23JAN06	129			0.00	6,621.09		WILLIAMSON =40hr ;				
1403-321	Lead ends & closure-Type A	01SEP05*	95	23JAN06	129			0.00	6,621.09		LOVETT =40hr ;				
1403-322	Terminal assembly-Type A	01SEP05*	95	23JAN06	129			0.00	6,621.09		LOVETT =40hr ;				
1403-304	Chill Plate Dwgs (66)-Type A	01SEP05*	95	23JAN06	129			0.00	33,105.47		HARGROVE =80+120=200hr ;				
1403-324	VPI mold assembly0-Type A	01SEP05*	95	23JAN06	129			0.00	6,621.09		LOVETT =40hr ;				
1403-303	Clamp Dwgs (5)-Type A	01SEP05*	95	23JAN06	129			0.00	6,621.09		LOVETT =40hr ;				
1403-306	Cooling, Electr Schematic Dwgs (1)-Type A	01SEP05*	95	23JAN06	129			0.00	6,621.09		WILLIAMSON =40hr ;				
1403-308	I&C Dwgs (1) -Type A	01SEP05*	95	23JAN06	129			0.00	6,621.09		WILLIAMSON =40hr ;				
1403-323	Top level coil assembly-Type A	01SEP05*	95	23JAN06	129			0.00	6,621.09		LOVETT =40hr ;				
1403-58A	Check and promote models / drawings -Type A	01SEP05*	95	23JAN06	129			0.00	6,621.09		COLE =40hr ;				
1403-904	Update cost/sched estimates&Design Basis doc.	01SEP05*	95	23JAN06	129			0.00	6,621.09		Freudenberg =40hr ;				
1403-900	Prep FDR Documentation	17JAN06	5	23JAN06	129			0.00	3,374.00		WILLIAMSON =20hr ;				
1403-71	FDR Production Type A Mod Coil Winding		0	23JAN06*	129			0.00	0.00						
1403-901	Resolve FDR comments	24JAN06	3	26JAN06	938			0.00	3,374.00		WILLIAMSON =20hr ;				
1403-902	Type A product specification	24JAN06*	5	30JAN06	926			0.00	3,374.00		WILLIAMSON =20hr ;				
1403-71.05	Update MIT/QA Plans for Type A Winding Fab	31JAN06*	10	13FEB06	926			0.00	3,374.00		Chrzanowski=20				
1403-71.1	Fab Readiness Review - Production Type A	14FEB06	1	14FEB06*	926			0.00	0.00						
<b>Winding and Assembly Design-Type B</b>															
1403-419	MCWF studs,modifications-Type B	29APR05A	217*	13MAR06	175	30		1,941.82	6,472.74		LOVETT =40hr ;				
1403-420	Cladding assembly-Type B	24JAN06*	65	24APR06	145			0.00	33,740.00		HARGROVE =80+120=200hr ;				
1403-401	Leads & crossover Dwgs (10)-Type B	24JAN06*	65	24APR06	145			0.00	6,748.00		LOVETT =40hr ;				
1403-400	Winding pack assy Dwgs (8)-Type B	24JAN06*	65	24APR06	145			0.00	6,748.00		WILLIAMSON =40hr ;				
1403-421	Lead ends & closure-Type B	24JAN06*	65	24APR06	145			0.00	6,748.00		LOVETT =40hr ;				
1403-422	Terminal assembly-Type B	24JAN06*	65	24APR06	145			0.00	6,748.00		LOVETT =40hr ;				
1403-404	Chill Plate Dwgs (66)-TypeB	24JAN06*	65	24APR06	145			0.00	33,740.00		HARGROVE =80+120=200hr ;				
1403-424	VPI mold assembly0-Type B	24JAN06*	65	24APR06	145			0.00	6,748.00		LOVETT =40hr ;				
1403-403	Clamp Dwgs (5)-Type B	24JAN06*	65	24APR06	145			0.00	6,748.00		LOVETT =40hr ;				
1403-406	Cooling, Electr Schematic Dwgs (1)-Type B	24JAN06*	65	24APR06	145			0.00	6,748.00		WILLIAMSON =40hr ;				
1403-408	I&C Dwgs (1) -Type B	24JAN06*	65	24APR06	145			0.00	6,748.00		WILLIAMSON =40hr ;				
1403-423	Top level coil assembly-Type B	24JAN06*	65	24APR06	145			0.00	6,748.00		LOVETT =40hr ;				
1403-58B	Check and promote models / drawings -Type B	24JAN06*	65	24APR06	145			0.00	6,748.00		COLE =40hr ;				
1403-80	Update design basis doc & cost sched est	24JAN06*	65	24APR06	145			0.00	6,748.00		freudenberg =40hr ;				
1403-72.06	Update build-to spec	11APR06	10	24APR06	145			0.00	3,671.40		Williamson=20				
1403-81	Prepare FDR doc	18APR06	5	24APR06	145			0.00	3,374.00		WILLIAMSON =20hr ;				
1403-72	Final Design Review Production Type B		0	24APR06*	145			0.00	0.00						
1403-72.05	Update MIT/QA Plans for Type C Winding Fab	25APR06	10	08MAY06	866			0.00	3,671.40		Chrzanowski=20				
1403-72.07	Resolve FDR comments	25APR06	5	01MAY06	871			0.00	3,671.40		Williamson=20				

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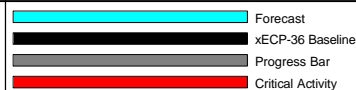
Completed tasks summarized



Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days=1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	Fiscal Year				
										FY05	FY06	FY07	FY08	FY09
1403-72.1	Fab Readiness Review - Production Type B	09MAY06	1	09MAY06*	866			0.00	0.00					
<b>+ Twisted Racetrack Design (Williamson)</b>														
		01OCT03A	455	29JUL05A			100	296,969.25	296,969.25					
<b>Prior Costs</b>														
1403-ECPRB	Rebaselining YTD adjustment for ytd cv	01OCT04A	108*	28FEB05A			100	154,400.00	154,400.00					
TITLE2TRC	Titel III Design-TRC FAB	24JAN05A	91	30JUN05A			LOE	79,570.00	79,570.00	WILLIAMSON=160+160 travel=\$18k				
<b>Job:1408-Mod Coil Winding Supplies-CHRZANOWSKI</b>														
<b>Prior Costs</b>														
1408-001	Apr-Sep YTD MIE Cost PPPL	01APR03A	64	30SEP03A			100	29,790.00	29,790.00					
<b>Copper Conductor</b>														
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	25JUL05A	50*	30SEP05	1,015		50	15,372.00	30,744.00					M&S= \$ 24 k
<b>+ Insulation for conductor</b>														
		09JUL04A	245	30JUN05A			100	26,901.00	26,901.00					
<b>+ Groundwrap Insulation</b>														
		03JAN05A	41	28FEB05A			100	25,620.00	25,620.00					
<b>Cladding</b>														
1408-501	Submet Requisition for Type C Cladding	15AUG05	1	15AUG05	157			0.00	0.00					
1408-503	Bid and Award Type C Cladding	16AUG05	30	26SEP05	157			0.00	0.00					
1408-505	PPPL Fabr Cladding Type C for Coil c1	01MAY05A	15	31MAY05A			100	3,586.65	3,586.65	em/mb=48				
1408-507	PPPL Fabr Cladding Type C for Coil c2	27SEP05	15	17OCT05	157			0.00	3,993.36					41=\$2.8k
1408-509	Fabr Cladding Type C for Coil c3	18OCT05	15	07NOV05	170			0.00	4,141.20					41=\$2.8k
1408-511	Fabr Cladding Type C for Coil c4	08NOV05	15	30NOV05	177			0.00	4,141.20					41=\$2.8k
1408-513	Fabr Cladding Type C for Coil c5	01DEC05	15	21DEC05	201			0.00	4,141.20					41=\$2.8k
1408-515	Fabr Cladding Type C for Coil c6	22DEC05	15	19JAN06	205			0.00	4,141.20					41=\$2.8k
1408-517	Submet Requisition for Type A Cladding	24JAN06	5	30JAN06	115			0.00	0.00					
1408-519	Bid and Award Type A Cladding	31JAN06	30	13MAR06	115			0.00	0.00					
1408-521	Fabr Cladding Type A for Coil a1	14MAR06	15	03APR06	115			0.00	4,141.20					41=\$2.8k
1408-523	Fabr Cladding Type A for Coil a2	02JUN06	15	22JUN06	115			0.00	4,141.20					41=\$2.8k
1408-525	Fabr Cladding Type A for Coil a3	29JUN06	15	20JUL06	115			0.00	4,141.20					41=\$2.8k
1408-527	Fabr Cladding Type A for Coil a4	24AUG06	15	13SEP06	114			0.00	4,141.20					41=\$2.8k
1408-529	Fabr Cladding Type A for Coil a5	20SEP06	15	10OCT06	114			0.00	4,018.37					41=\$2.8k

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	FY					
										FY05	FY06	FY07	FY08	FY09	
1408-531	Fabr Cladding Type A for Coil a6	17OCT06	15	06NOV06	114			0.00	3,878.00			■ 41=\$2.8k			
1408-533	Submet Requisition for Type B Cladding	25APR06	5	01MAY06	145			0.00	0.00						
1408-535	Bid and Award Type B Cladding	02MAY06	30	13JUN06	145			0.00	0.00						
1408-537	Fabr Cladding Type B for Coil b1	27JUL06	15	16AUG06	115			0.00	4,141.20			■ 41=\$2.8k			
1408-539	Fabr Cladding Type B for Coil b2	13NOV06	15	05DEC06	126			0.00	3,878.00			■ 41=\$2.8k			
1408-541	Fabr Cladding Type B for Coil b3	12DEC06	15	09JAN07	152			0.00	3,878.00			■ 41=\$2.8k			
1408-543	Fabr Cladding Type B for Coil b4	16JAN07	15	05FEB07	153			0.00	3,878.00			■ 41=\$2.8k			
1408-545	Fabr Cladding Type B for Coil b5	12FEB07	15	02MAR07	190			0.00	3,878.00			■ 41=\$2.8k			
1408-547	Fabr Cladding Type B for Coil b6	09MAR07	15	29MAR07	192			0.00	3,878.00			■ 41=\$2.8k			
<b>Lead hardware &amp; Fillers</b>															
1408-705	Fabr Lead HW Type C for Coil c1	01JUL05A	35*	19AUG05	200			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	219			0.00	25,204.80			■ em//sm Machinist= 240 hrs			
1408-701	Submet Requisition for Type C3-C6 Lead HW	01AUG05	5	05AUG05	205			0.00	0.00						
1408-703	Bid and Award Type C3-C6 Lead HW	08AUG05	30	16SEP05	205			0.00	0.00						
1408-709	Fabr Lead HW Type C for Coil c3	19SEP05	20	14OCT05	205			0.00	26,728.80			■ em//sm Machinist= 240 hrs			
1408-711	Fabr Lead HW Type C for Coil c4	27FEB06	20	24MAR06	130			0.00	28,252.80			■ em//sm Machinist= 240 hrs			
1408-713	Fabr Lead HW Type C for Coil c5	28APR06	20	25MAY06	127			0.00	28,252.80			■ em//sm Machinist= 240 hrs			
1408-715	Fabr Lead HW Type C for Coil c6	25MAY06	20	22JUN06	115			0.00	28,252.80			■ em//sm Machinist= 240 hrs			
1408-717	Submet Requisition for Type A Lead HW	24JAN06	5	30JAN06	129			0.00	0.00						
1408-719	Bid and Award Type A Lead HW	31JAN06	30	13MAR06	129			0.00	0.00						
1408-721	Fabr Lead HW Type A for Coil a1	03APR06	20	28APR06	115			0.00	28,252.80			■ em//sm Machinist= 240 hrs			
1408-723	Fabr Lead HW Type A for Coil a2	22JUN06	20	20JUL06	127			0.00	28,252.80			■ em//sm Machinist= 240 hrs			
1408-725	Fabr Lead HW Type A for Coil a3	20JUL06	20	16AUG06	115			0.00	28,252.80			■ em//sm Machinist= 240 hrs			
1408-727	Fabr Lead HW Type A for Coil a4	13SEP06	20	10OCT06	114			0.00	28,481.28			■ em//sm Machinist= 240 hrs			
1408-729	Fabr Lead HW Type A for Coil a5	10OCT06	20	06NOV06	126			0.00	28,905.60			■ em//sm Machinist= 240 hrs			
1408-731	Fabr Lead HW Type A for Coil a6	06NOV06	20	05DEC06	114			0.00	28,905.60			■ em//sm Machinist= 240 hrs			
1408-733	Submet Requisition for Type B Lead HW	25APR06	5	01MAY06	171			0.00	0.00						
1408-735	Bid and Award Type B Lead HW	02MAY06	30	13JUN06	171			0.00	0.00						
1408-737	Fabr Lead HW Type B for Coil b1	17AUG06	20	13SEP06	126			0.00	28,252.80			■ em//sm Machinist= 240 hrs			
1408-739	Fabr Lead HW Type B for Coil b2	05DEC06	20	09JAN07	127			0.00	28,905.60			■ em//sm Machinist= 240 hrs			
1408-741	Fabr Lead HW Type B for Coil b3	01MAR07	20	28MAR07	116			0.00	28,905.60			■ em//sm Machinist= 240 hrs			
1408-743	Fabr Lead HW Type B for Coil b4	05FEB07	20	02MAR07	153			0.00	28,905.60			■ em//sm Machinist= 240 hrs			
1408-745	Fabr Lead HW Type B for Coil b5	18JUN07	20	13JUL07	114			0.00	28,905.60			■ em//sm Machinist= 240 hrs			
1408-747	Fabr Lead HW Type B for Coil b6	21MAY07	20	18JUN07	155			0.00	28,905.60			■ em//sm Machinist= 240 hrs			
<b>Chill Plates</b>															
1408-601	Submet Requisition for Type C Chill Plts	01SEP05	5	07SEP05	165			0.00	0.00						
1408-603	Bid and Award Type C Chill Plts	08SEP05	30	19OCT05	165			0.00	0.00						
1408-605	Fabr Chill Plts Type C for Coil c1	20OCT05	20	16NOV05	165			0.00	4,141.20			■ 41=\$2.8k			

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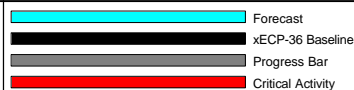
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	Fiscal Year					
										FY05	FY06	FY07	FY08	FY09	
1408-607	Fabr Chill Plts Type C for Coil c2	17NOV05	20	16DEC05	172			0.00	4,141.20		41=\$2.8k				
1408-609	Fabr Chill Plts Type C for Coil c3	19DEC05	20	23JAN06	172			0.00	4,141.20		41=\$2.8k				
1408-611	Fabr Chill Plts Type C for Coil c4	07APR06	20	04MAY06	130			0.00	4,141.20		1=\$2.8k				
1408-613	Fabr Chill Plts Type C for Coil c5	07JUN06	20	05JUL06	127			0.00	4,141.20		1=\$2.8k				
1408-615	Fabr Chill Plts Type C for Coil c6	05JUL06	20	01AUG06	115			0.00	4,141.20		1=\$2.8k				
1408-617	Submet Requisition for Type A Chill Plts	24JAN06	5	30JAN06	156			0.00	0.00						
1408-619	Bid and Award Type A Chill Plts	31JAN06	30	13MAR06	156			0.00	0.00						
1408-621	Fabr Chill Plts Type A for Coil a1	10MAY06	20	07JUN06	115			0.00	4,141.20		41=\$2.8k				
1408-623	Fabr Chill Plts Type A for Coil a2	01AUG06	20	28AUG06	127			0.00	4,141.20		41=\$2.8k				
1408-625	Fabr Chill Plts Type A for Coil a3	29AUG06	20	25SEP06	114			0.00	4,141.20		4=\$2.8k				
1408-627	Fabr Chill Plts Type A for Coil a4	20OCT06	20	16NOV06	114			0.00	3,878.00		4=\$2.8k				
1408-629	Fabr Chill Plts Type A for Coil a5	16NOV06	20	15DEC06	126			0.00	3,878.00		41=\$2.8k				
1408-631	Fabr Chill Plts Type A for Coil a6	30JAN07	20	26FEB07	115			0.00	3,878.00		4=\$2.8k				
1408-633	Submet Requisition for Type B Chill Plts	25APR06	5	01MAY06	198			0.00	0.00						
1408-635	Bid and Award Type B Chill Plts	02MAY06	30	13JUN06	198			0.00	0.00						
1408-637	Fabr Chill Plts Type B for Coil b1	25SEP06	20	20OCT06	126			0.00	3,943.80		41=\$2.8k				
1408-639	Fabr Chill Plts Type B for Coil b2	19JAN07	20	15FEB07	127			0.00	3,878.00		41=\$2.8k				
1408-641	Fabr Chill Plts Type B for Coil b3	15MAY07	20	12JUN07	116			0.00	3,878.00		41=\$2.8k				
1408-643	Fabr Chill Plts Type B for Coil b4	19APR07	20	16MAY07	153			0.00	3,878.00		4=\$2.8k				
1408-645	Fabr Chill Plts Type B for Coil b5	31AUG07	20	27SEP07	113			0.00	3,878.00		41=\$2.8k				
1408-647	Fabr Chill Plts Type B for Coil b6	02OCT07	20	29OCT07	113			0.00	3,942.40		41=\$2.8k				
<b>Tubing</b>															
1408-761	Submet Requisition for Tubing	01SEP05	5	07SEP05	190			0.00	0.00						
1408-763	Bid and Award Tubing	08SEP05	15	28SEP05	190			0.00	0.00						
1408-765	Deliver Tubing	29SEP05	10	12OCT05	190			0.00	2,878.80		41=\$2k				
<b>Epoxy</b>															
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	27JAN06	20	23FEB06	274			0.00	22,185.00		M&S= \$ 15 k				
1408-119	Epoxy -2nd Delivery for Production	13JUN06	20	11JUL06	214			0.00	22,185.00		M&S= \$ 15 k				
1408-121	Epoxy -3rd Delivery for Production	10OCT06	20	06NOV06	167			0.00	20,775.00		M&S= \$ 15 k				
1408-123	Epoxy -4th Delivery for Production	05FEB07	20	02MAR07	127			0.00	20,775.00		M&S= \$ 15 k				
1408-125	Epoxy -5th Delivery for Production	27MAR07	20	23APR07	162			0.00	20,775.00		M&S= \$ 15 k				
1408-127	Epoxy -6th Delivery for Production	02JUL07	20	27JUL07	123			0.00	20,775.00		M&S= \$ 15 k				
<b>Clamps</b>															
1408-901	Submet Requisition for Type C Clamps	08SEP05	5	14SEP05	334			0.00	0.00						
1408-903	Bid and Award Type C Clamps	15SEP05	40	09NOV05	334			0.00	0.00						
1408-905	Fabr Clamps Type C for Coil c1	10NOV05	30	23DEC05	334			0.00	22,185.00		41=\$15k				

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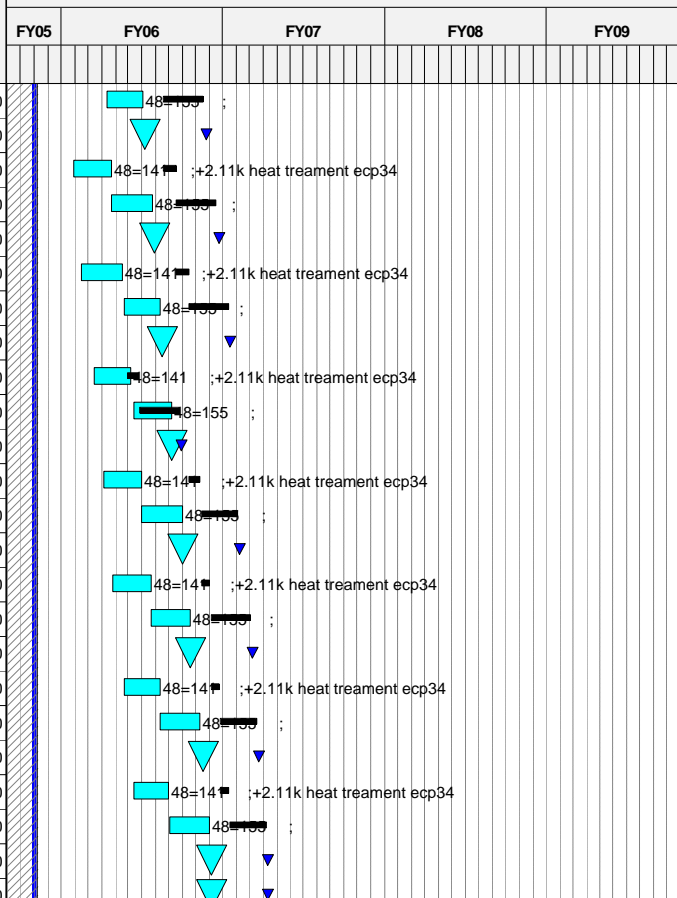
Completed tasks summarized



Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	Fiscal Year				
										FY05	FY06	FY07	FY08	FY09
MCWF-001	EIO Project Mgt. & Reporting	29OCT04A	497*	02OCT06	773	45		408,973.50	908,830.00					
MCWF-011	Pattern A complete	29OCT04A	126*	01APR05A		100		290,125.00	290,125.00					
MCWF-021	Pattern B complete	01DEC04A	194*	01SEP05	1,055	40		102,048.00	255,120.00					
MCWF-031	Major Tool Tooling Complete	29OCT04A	82*	28FEB05A		100		628,622.00	628,622.00					
MCWF-041	Materials (MetalTek)	29NOV04A	282*	30DEC05	311	67		498,982.50	744,750.00					
MCWF-051	C1-MTK-casting upgrade	20DEC04A	63*	31MAR05A		100		146,248.12	146,248.12					
MCWF-061	C1-MTM - machining/inspection	01APR05A	141*	14OCT05	127	M	70	123,928.00	154,910.00					
MCWF-071	C1-Receive at PPPL		0	17OCT05	119	CD		0.00	0.00					
C-121.1	First MCWF C-1 Delivered		0	17OCT05	127			0.00	0.00					
MCWF-081	C2-MTK-casting	01APR05A	66*	27JUN05A		100		142,920.00	142,920.00					
MCWF-091	C2-MTM - machining/inspection	01JUL05A	96*	11NOV05	145	M	30	46,473.00	154,910.00					
MCWF-101	C2-Receive at PPPL		0	15NOV05	136	CD		0.00	0.00					
MCWF-141	C3-MTK-casting	12MAY05A	62*	05AUG05	164	65		92,898.00	142,920.00					
MCWF-151	C3-MTM - machining/inspection	08AUG05	80*	25NOV05	164	M		0.00	154,910.00					
MCWF-161	C3-Receive at PPPL		0	29NOV05	156	CD		0.00	0.00					
MCWF-201	C4-MTK-casting	16MAY05A	74*	25AUG05	176	55		78,606.00	142,920.00					
MCWF-211	C4-MTM - machining/inspection	26AUG05	76*	09DEC05	176	M		0.00	154,910.00					
MCWF-221	C4-Receive at PPPL		0	13DEC05	168	CD		0.00	0.00					
MCWF-111	A1-MTK-casting	22APR05A	86*	19AUG05	185	60		114,488.00	143,110.00					
MCWF-121	A1-MTM - machining/inspection	22AUG05	90*	23DEC05	185	M		0.00	154,910.00					
MCWF-131	A1-Receive at PPPL		0	23DEC05	179	CD		0.00	0.00					
MCWF-261	C5-MTK-casting	30MAY05A	79*	15SEP05	195	35		50,022.00	142,920.00					
MCWF-271	C5-MTM - machining/inspection	16SEP05	81*	06JAN06	195	M		0.00	154,910.00					
MCWF-281	C5-Receive at PPPL		0	10JAN06	192	CD		0.00	0.00					
MCWF-291	C6-MTK-casting	16JUN05A	82*	07OCT05	209	2		2,858.40	142,920.00					
MCWF-301	C6-MTM - machining/inspection	10OCT05*	70*	13JAN06	209	M		0.00	154,910.00					
MCWF-311	C6-Receive at PPPL		0	17JAN06	206	CD		0.00	0.00					
MCWF-171	A2-MTK-casting	17AUG05*	53*	28OCT05	232			0.00	142,920.00					
MCWF-181	A2-MTM - machining/inspection	14NOV05*	53*	25JAN06	222	M		0.00	154,910.00					
MCWF-191	A2-Receive at PPPL		0	27JAN06	217	CD		0.00	0.00					
MCWF-351	A3-MTK-casting	01AUG05*	79*	17NOV05	232			0.00	143,110.00					
MCWF-361	A3-MTM - machining/inspection	18NOV05*	62*	13FEB06	232	M		0.00	154,910.00					
MCWF-371	A3-Receive at PPPL		0	16FEB06	222	CD		0.00	0.00					
MCWF-231	B1-MTK-casting	16SEP05*	61*	09DEC05	236			0.00	142,920.00					
MCWF-241	B1-MTM - machining/inspection	14DEC05*	62*	09MAR06	234	M		0.00	154,910.00					
MCWF-251	B1-Receive at PPPL		0	13MAR06	224	CD		0.00	0.00					
MCWF-381	A4-MTK-casting	17OCT05*	60*	06JAN06	238			0.00	142,920.00					

Run Date	12AUG05 13:31	 Forecast  xECP-36 Baseline  Progress Bar  Critical Activity	0507	<b>NCSX</b> <b>JULY 2005</b> <b>Status against ECP-36</b>	Sheet 21 of 52	Completed tasks summarized
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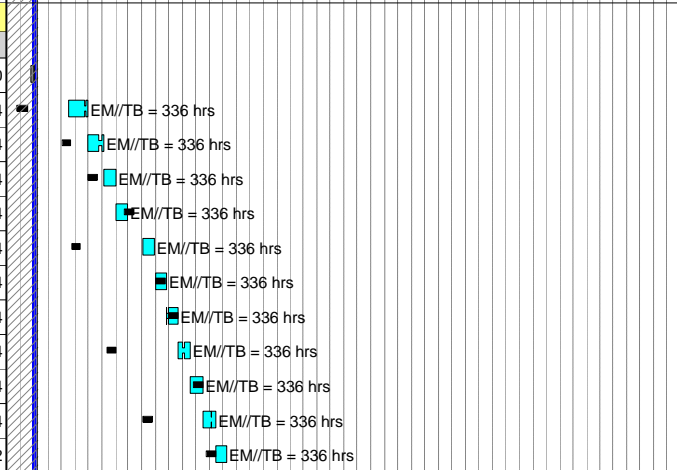
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	Fiscal Year				
										FY05	FY06	FY07	FY08	FY09
MCWF-391	A4-MTM - machining/inspection	13JAN06*	58*	04APR06	234	M		0.00	154,910.00					
MCWF-401	A4-Receive at PPPL		0	07APR06	224	CD		0.00	0.00					
MCWF-411	A5-MTK-casting	28OCT05*	61	20JAN06	239			0.00	142,920.00					
MCWF-421	A5-MTM - machining/inspection	23JAN06	66*	24APR06	239	M		0.00	154,910.00					
MCWF-431	A5-Receive at PPPL		0	27APR06	229	CD		0.00	0.00					
MCWF-441	A6-MTK-casting	16NOV05*	68*	17FEB06	245			0.00	142,920.00					
MCWF-451	A6-MTM - machining/inspection	20FEB06	60*	12MAY06	245	M		0.00	155,000.00					
MCWF-461	A6-Receive at PPPL		0	16MAY06	235	CD		0.00	0.00					
MCWF-321	B2-MTK-casting	14DEC05*	60*	07MAR06	264			0.00	142,920.00					
MCWF-331	B2-MTM - machining/inspection	14MAR06*	60*	05JUN06	260	M		0.00	154,910.00					
MCWF-341	B2-Receive at PPPL		0	07JUN06	251	CD		0.00	0.00					
MCWF-471	B3-MTK-casting	06JAN06*	60*	30MAR06	285			0.00	142,920.00					
MCWF-481	B3-MTM - machining/inspection	31MAR06	66*	30JUN06	285	M		0.00	154,910.00					
MCWF-491	B3-Receive at PPPL		0	03JUL06	277	CD		0.00	0.00					
MCWF-501	B4-MTK-casting	27JAN06*	60*	20APR06	292			0.00	142,920.00					
MCWF-511	B4-MTM - machining/inspection	21APR06	63*	18JUL06	292	M		0.00	154,910.00					
MCWF-521	B4-Receive at PPPL		0	20JUL06	284	CD		0.00	0.00					
MCWF-531	B5-MTK-casting	20FEB06*	60*	12MAY06	329			0.00	142,920.00					
MCWF-541	B5-MTM - machining/inspection	15MAY06	65*	11AUG06	329	M		0.00	154,910.00					
MCWF-551	B5-Receive at PPPL		0	16AUG06	321	CD		0.00	0.00					
MCWF-561	B6-MTK-casting	14MAR06*	58*	01JUN06	343			0.00	142,920.00					
MCWF-571	B6-MTM - machining/inspection	05JUN06	64*	31AUG06	342	M		0.00	154,910.00					
MCWF-581	B6-Receive at PPPL		0	05SEP06	330	CD		0.00	0.00					
C-501B1	Last MCWF Delivered		0	05SEP06	342			0.00	0.00					



**Job: 1451 - Mod Coil Winding-CHRZANOWSKI**

**Station 1 Prep casing & Install Cladding**

1451TRAIN	Training for winding teams	25JUL05A	3	29JUL05A				0.00	0.00					
P1-001	Rec C1, Prep& Instl Cladding(Sta 1) >>>@+50%	18OCT05	28	28NOV05	119			0.00	28,069.44					
P1-091	Receive C2, Prep& Instl Cladding(Sta 1)>>@+10%	29NOV05	21	04JAN06	129			0.00	28,069.44					
P2-091	Receive C3, Prep& Instl Cladding(Station 1)	05JAN06	19	31JAN06	136			0.00	28,069.44					
P3-091	Receive C4, Prep& Instl Cladding(Station 1)	01FEB06	19	27FEB06	139			0.00	28,069.44					
P2-001	Receive A1, Prep& Instl Cladding(Station 1)	04APR06	19	28APR06	114			0.00	28,069.44					
P1-121	Receive C5, Prep& Instl Cladding(Station 1)	01MAY06	19	25MAY06	114			0.00	28,069.44					
P2-031	Receive C6, Prep& Instl Cladding(Station 1)	26MAY06	19	22JUN06	114			0.00	28,069.44					
P3-001	Receive A2, Prep& Instl Cladding(Station 1)	23JUN06	19	20JUL06	114			0.00	28,069.44					
P3-031	Receive A3, Prep& Instl Cladding(Station 1)	21JUL06	19	16AUG06	114			0.00	28,069.44					
P1-031	Receive B1, Prep& Instl Cladding(Station 1)	17AUG06	19	13SEP06	114			0.00	28,069.44					
P3-121	Receive A4, Prep& Instl Cladding(Station 1)	14SEP06	19	10OCT06	114			0.00	28,254.72					



Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	FY					
										FY05	FY06	FY07	FY08	FY09	
P1-061	Receive A5, Prep& Instl Cladding(Station 1)	11OCT06	19	06NOV06	114			0.00	28,717.92			EM//TB = 336 hrs			
P1-151	Receive A6, Prep& Instl Cladding(Station 1)	07NOV06	19	05DEC06	114			0.00	28,717.92			EM//TB = 336 hrs			
P2-121	Receive B2, Prep& Instl Cladding(Station 1)	06DEC06	19	09JAN07	126			0.00	28,717.92			EM//TB = 336 hrs			
P2-061	Receive B3, Prep& Instl Cladding(Station 1)	10JAN07	19	05FEB07	151			0.00	28,717.92			EM//TB = 336 hrs			
P2-151	Receive B4, Prep& Instl Cladding(Station 1)	06FEB07	19	02MAR07	151			0.00	28,717.92			EM//TB = 336 hrs			
P3-061	Receive B5, Prep& Instl Cladding(Station 1)	05MAR07	19	29MAR07	188			0.00	28,717.92			EM//TB = 336 hrs			
P3-151	Receive B6, Prep& Instl Cladding(Station 1)	30MAR07	19	25APR07	191			0.00	28,717.92			EM//TB = 336 hrs			
P1-000	ECP36 holes for cooling lines	03NOV05*	337*	15MAR07	650	B6		0.00	14,000.47			EM//TB = 168 hrs			
<b>Station 2-Winding, Instl Chill Plates,Tubing,Bag</b>															
P1-011	Wind coil C1 >>>@+50%	29NOV05	40	31JAN06	119	2		0.00	101,584.64			EM//TB = 1,216hrs			
P1-011J	Complete Winding First Modular Coil		0	31JAN06	119	2		0.00	0.00			***** Joule Milestone Q4 9/30/05 *****			
P1-020	Instl Chill Plates,Tubing, Bag C1 (Sta2)>>@+50%	01FEB06	17	23FEB06	119	2		0.00	35,755.12			EM//TB = 428 hrs			
P2-101	Wind coil C-3 (station3) >>>@+10%	24FEB06	29	05APR06	119	2		0.00	101,584.64			EM//TB = 1,216 hrs			
P2-110	Instl Chill Plates,Tubing,Bag C3(Sta 3) >>>@+10%	06APR06	12	21APR06	119	2		0.00	35,755.12			EM//TB = 428 hrs			
P2-011	Wind coil A1	01MAY06	27	07JUN06	114	2		0.00	101,584.64			EM//TB = 1,216 hrs			
P2-020	Instl Chill Plates,Tubing, Bag A1 (Sta2)	08JUN06	11	22JUN06	114	2		0.00	35,755.12			EM//TB = 428 hrs			
P2-041	Wind coil C6 (station 2)	23JUN06	27	01AUG06	114	2		0.00	101,584.64			EM//TB = 1,216 hrs			
P2-041JOUL	JOULE FY07 Cmpmt winding one-half modular coils		0	01AUG06	114	2		0.00	0.00			EM//TB = 1,216 hrs			
P2-050	Instl Chl Plates,Tubing, Bag C6 (Station 2)	02AUG06	11	16AUG06	114	2		0.00	35,755.12			EM//TB = 428 hrs			
P3-041	Wind coil A3 (station 2)	17AUG06	27	25SEP06	114	2		0.00	101,584.64			EM//TB = 1,216 hrs			
P3-050	Instl Chl Plates,Tubing, Bag A3 Station 2)	26SEP06	11	10OCT06	114	2		0.00	36,280.78			EM//TB = 428 hrs			
P3-131	Wind coil A4 (station 3)	11OCT06	27	16NOV06	114	2		0.00	103,931.52			EM//TB = 1,216 hrs			
P3-140	Instl Chl Plates,Tubing, Bag A4 (Station 3)	17NOV06	11	05DEC06	114	2		0.00	36,581.16			EM//TB = 428 hrs			
P1-161	Wind coil A6 (station 3)	06DEC06	53	26FEB07	114			0.00	88,375.98			EM//TB = 1,034 hrs			
P1-170	Instl Chill Plates,Tubing,Bag A6Station3)	27FEB07	22	28MAR07	114			0.00	31,111.08			EM//TB = 364 hrs			
P2-071	Wind coil B3 (station 2)	29MAR07	53	12JUN07	114			0.00	88,375.98			EM//TB = 1,034 hrs			
P2-080	Instl Chill Plates,Tubing,Bag B3 (Station2)	13JUN07	22	13JUL07	114			0.00	31,111.08			EM//TB = 364hrs			
P3-071	Wind coil B5 (station 2)	16JUL07	53	27SEP07	114			0.00	88,375.98			EM//TB = 1,034 hrs			
P3-080	Instl Chill Plates,Tubing,Bag B5 Station2)	28SEP07	22	29OCT07	114			0.00	32,181.24			EM//TB = 364hrs			
174-037	Modular Coil local I&C -Install (from wbs 143)	01FEB06	443*	29OCT07	113			0.00	69,456.19			em/sm=172; em/tb=576			
<b>Station 3-Winding, Instl Chill Plates,Tubing,Bag</b>															
P1-101	Wind coil C-2(sta 3)>> >@+50%	05JAN06	40	01MAR06	129	2		0.00	101,584.64			EM//TB = 1,216 hrs			
P1-110	Instl Chill Plates,Tubing,Bag C2 (Sta 3)>>@+50%	02MAR06	17	24MAR06	129	2		0.00	35,755.12			EM//TB = 428 hrs			
P3-101	Wind coil C4 (station 3)>>@+10%	27MAR06	29	04MAY06	129	2		0.00	101,584.64			EM//TB = 1,216 hrs			
P3-110	Instl Chill Plates,Tubing, Bag C4 (Station3@+10%	05MAY06	12	22MAY06	129	2		0.00	35,755.12			EM//TB = 428 hrs			
P1-131	Wind coil C5 (station 3)	26MAY06	27	05JUL06	126	2		0.00	101,584.64			EM//TB = 1,216 hrs			

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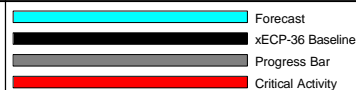
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	FY				
										FY05	FY06	FY07	FY08	FY09
P1-140	Instl Chl Plates,Tubing, Bag C5 Station 3)	06JUL06	11	20JUL06	126	2		0.00	35,755.12					
P3-011	Wind coil A2	21JUL06	27	28AUG06	126	2		0.00	101,584.64					
P3-020	Instl Chill Plates,Tubing, Bag A2 (Station 2)	29AUG06	11	13SEP06	126	2		0.00	35,755.12					
P1-041	Wind coil B1	14SEP06	27	20OCT06	126	2		0.00	102,888.46					
P1-050	Instl Chl Plates,Tubing, Bag B1 (Station 2)	23OCT06	11	06NOV06	126	2		0.00	36,581.16					
P1-071	Wind coil A5 (station 2)	07NOV06	27	15DEC06	126	2		0.00	88,375.98					
P1-080	Instl Chl Plates,Tubing,Bag A5(Station 2)	18DEC06	11	09JAN07	126	2		0.00	31,111.08					
P2-131	Wind coil B2 (station3)	10JAN07	27	15FEB07	126	2		0.00	103,931.52					
P2-140	Instl Chl Plates,Tubing, Bag B2 (Station 3)	16FEB07	11	02MAR07	126	2		0.00	36,581.16					
P2-161	Wind coil B4 (station 3)	05MAR07	53	16MAY07	151			0.00	88,375.98					
P2-170	Instl Chill Plates,Tubing,Bag B4Station3)	17MAY07	22	18JUN07	151			0.00	31,111.08					
P3-161	Wind coil B6 (station 3)	19JUN07	53	31AUG07	154			0.00	88,375.98					
P3-170	Instl Chill Plates,Tubing,Bag B6Station3)	30OCT07	22	28NOV07	114			0.00	32,232.20					
<b>Station 5-VPI</b>														
P1-021V	VPI (Station 5) C1	24FEB06	12	13MAR06	273			0.00	27,401.12					
P1-111V	VPI (Station 5) C2	27MAR06	12	11APR06	264			0.00	27,401.12					
P2-021V	VPI (Station 5) A1	23JUN06	12	11JUL06	213			0.00	27,401.12					
P2-111V	VPI (Station 5) C3	12JUL06	12	27JUL06	213			0.00	27,401.12					
P3-021V	VPI (Station 5) A2	14SEP06	12	29SEP06	180			0.00	27,401.12					
P3-111V	VPI (Station 5) C4	02OCT06	12	17OCT06	180			0.00	28,034.16					
P1-051V	VPI (Station 5) B1	07NOV06	12	22NOV06	166			0.00	28,034.16					
P1-141V	VPI (Station 5) C5	27NOV06	12	12DEC06	166			0.00	28,034.16					
P2-051V	VPI (Station 5) C6	13DEC06	12	05JAN07	166			0.00	28,034.16					
P2-141V	VPI (Station 5) B2	05MAR07	12	20MAR07	126			0.00	28,034.16					
P3-051V	VPI (Station 5) A3	21MAR07	12	05APR07	160			0.00	28,034.16					
P3-141V	VPI (Station 5) A4	06APR07	12	23APR07	160			0.00	28,034.16					
P1-081V	VPI (Station 5) A5 @ 15% learning curve	24APR07	10	07MAY07	160			0.00	23,846.13					
P1-171V	VPI (Station 5) A6 @ 15% learning curve	08MAY07	10	21MAY07	160			0.00	23,846.13					
P2-081V	VPI (Station 5) B3 @ 15% learning curve	16JUL07	10	27JUL07	123			0.00	23,846.13					
P3-081V	VPI (Station 5) B4 @ 15% learning curve	30JUL07	10	10AUG07	123			0.00	23,846.13					
P2-171V	VPI (Station 5) B5 @ 15% learning curve	30OCT07	10	12NOV07	126			0.00	24,705.45					
P3-171V	VPI (Station 5) B6 @ 15% learning curve	03DEC07	10	14DEC07	114			0.00	24,705.45					
<b>Station 1B Final Clamp Installation</b>														
P1-021C	Final Clamps & Warm Test (Station1) C1	14MAR06	7	22MAR06	306			0.00	10,024.80					
P1-111C	Final Clamps & Warm Test (Station1) C2	12APR06	7	20APR06	292			0.00	10,024.80					
P2-021C	Final Clamps & Warm Test (Station1) A1	12JUL06	7	20JUL06	236			0.00	10,024.80					
P2-111C	Final Clamps & Warm Test (Station1) C3	28JUL06	7	07AUG06	231			0.00	10,024.80					
P3-021C	Final Clamps & Warm Test (Station1) A2	02OCT06	7	10OCT06	193			0.00	10,256.40					

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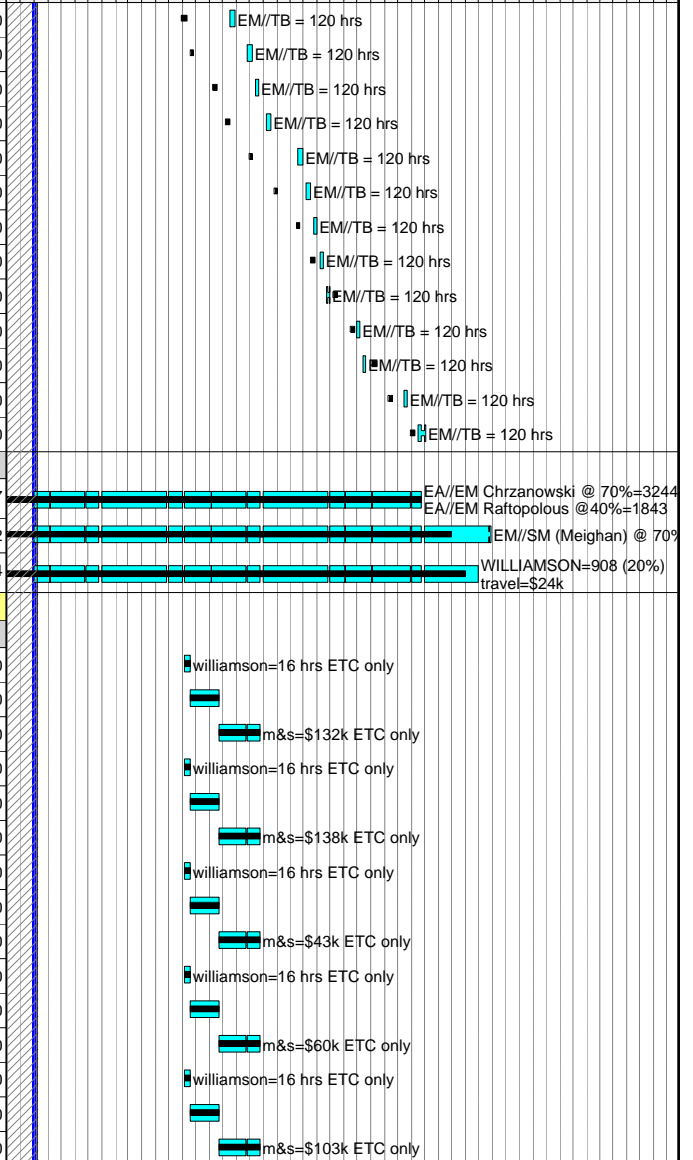
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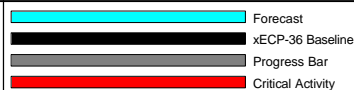


Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	Fiscal Year				
										FY05	FY06	FY07	FY08	FY09
P3-111C	Final Clamps & Warm Test (Station1) C4	18OCT06	7	26OCT06	188			0.00	10,256.40					
P1-051C	Final Clamps & Warm Test (Station1) B1	27NOV06	7	05DEC06	169			0.00	10,256.40					
P1-141C	Final Clamps & Warm Test (Station1) C5	13DEC06	7	21DEC06	176			0.00	10,256.40					
P2-051C	Final Clamps & Warm Test (Station1) C6	08JAN07	7	16JAN07	171			0.00	10,256.40					
P2-141C	Final Clamps & Warm Test (Station1) B2	21MAR07	7	29MAR07	126			0.00	10,256.40					
P3-051C	Final Clamps & Warm Test (Station1) A3	06APR07	7	16APR07	177			0.00	10,256.40					
P3-141C	Final Clamps & Warm Test (Station1) A4	24APR07	7	02MAY07	172			0.00	10,256.40					
P1-081C	Final Clamps & Warm Test (Station1) A5	08MAY07	7	16MAY07	169			0.00	10,256.40					
P1-171C	Final Clamps & Warm Test (Station1) A6	22MAY07	7	31MAY07	166			0.00	10,256.40					
P2-081C	Final Clamps & Warm Test (Station1) B3	30JUL07	7	07AUG07	126			0.00	10,256.40					
P3-081C	Final Clamps & Warm Test (Station1) B4	13AUG07	7	21AUG07	123			0.00	10,256.40					
P3-171C	Final Clamps & Warm Test (Station1) B5	13NOV07	7	21NOV07	129			0.00	10,626.00					
P2-171C	Final Clamps & Warm Test (Station1) B6	17DEC07	7	02JAN08	114			0.00	10,626.00					
<b>LOE Oversight &amp; Supervision</b>														
171-040	Winding Oversight (LOE)	01AUG05*	600*	21DEC07	454			0.00	941,372.67					
171-041	Tech Supervision	01AUG05*	707	29MAY08	347			0.00	349,042.92					
TITLE3W	Titel III Design ORNL- Component Fab & WINDING	01AUG05*	687*	30APR08	367			0.00	199,000.54					
<b>Job: 1421-Mod Coil Interface Hardware-WILLIAMSON</b>														
1421-100	Submet Requisition for - Assy bolts,nuts,washers	06JUL06	10	19JUL06	164			0.00	0.00					
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					
1421-200	Submet Requisition for - Assembly shims	06JUL06	10	19JUL06	164			0.00	0.00					
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					
1421-300	Submet Requisition for - Eccentric ball assy	06JUL06	10	19JUL06	164			0.00	0.00					
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					
1421-400	Submet Requisition for - Bladders	06JUL06	10	19JUL06	164			0.00	0.00					
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					
1421-500	Submet Requisition for-Tooling plates&reaming HW	06JUL06	10	19JUL06	164			0.00	0.00					
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					
<b>15 - Structures</b>														
<b>Job: 1501 - Structures Design- Kalish</b>														
<b>PDR/PBR Task List</b>														
1501-105	Project PDR	07OCT03A	1	07OCT03A				100	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)	Budget (ECP-36)	FY				
										FY05	FY06	FY07	FY08	FY09
1501-109	Prepare FY 04 WP/WAF	31OCT03A	20	31OCT03A			100	12,360.00	12,360.00					
1501-113	Prepare PBR documentation	04NOV03A	10	18NOV03A			100	6,180.00	6,180.00					
1501-117	Performance baseline review		0	18NOV03A			100	0.00	0.00					
<b>Reqmnts, Configuration, Interfaces and PDR</b>														
1501-125	Update drawings & models based on vendor recomb	21OCT03A	30	26NOV03A			100	10,660.50	10,660.50					
1501-133	Prepare a "scope sheet" which defines all interf	03NOV03A	124	30SEP04A			LOE	5,407.50	5,407.50					
1501-FY05	Prelim Design Structures	01JUL05A	65	28OCT05	278		37*	31,877.39	86,306.34					
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					
1501-FDR	Structures FDR		0	30JUN06	177			0.00	0.00					
<b>Job:1550 - Structures Procurement -KALISH</b>														
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					
162-031	Title III engr WBS 151	03OCT06	249	01OCT07	511			0.00	160,613.56					
153.037	WBS 153 Support Structure I&C Procurement/Fab	03OCT06*	249	01OCT07	511			0.00	9,039.07					
153.015	Title III design WBS 153 local&C	03OCT06*	249	01OCT07	511			0.00	963.66					
<b>16 - Coil Services</b>														
<b>161 - LN2 Distribution</b>														
191-001	Title I design WBS 161 LN2 manifolds&piping	02OCT06*	65	10JAN07	306			0.00	58,172.50					
191-011	Title II design WBS 161 LN2 manifolds&piping	11JAN07	60	04APR07	306			0.00	116,516.90					
191-031	Title III engr WBS 161	05APR07	280	15MAY08	356			0.00	16,656.28					
191-037	Procurement WBS 161	05APR07	130	08OCT07	306			0.00	73,391.96					
191-038	PDR#17	09OCT07*	86	15FEB08	420			0.00	62,458.88					
191-041	LN2 Manifolds & ppg Fab/assy/instl WBS 161	09OCT07*	62	14JAN08	306			0.00	34,007.58					
191-042	PDR #17,25,3	09OCT07*	65	17JAN08	441			0.00	10,839.44					
<b>162 - Electrical Leads</b>														
132-000	PDR #17 & 25	02OCT06	325	24JAN08	436			0.00	41,396.19					
132-001	Title I design WBS 162 Coil leads	02OCT06*	130	11APR07	303			0.00	153,159.10					
132-011	Title II design WBS 162 Coil leads	12APR07	130	15OCT07	303			0.00	153,686.42					
132-015	Title III design WBS 162 Coil leads	16OCT07*	60	17JAN08	441			0.00	18,540.24					
132-037	Coil Leads Procurement WBS 162	16OCT07*	60	17JAN08	303			0.00	314,856.96					
<b>163 - Coil Protection System</b>														
163.001	Title I design WBS 163 Coil protection	02OCT06*	65	10JAN07	656			0.00	43,149.40					
163.011	Title II design WBS 163 Coil protection	11JAN07	40	07MAR07	656			0.00	43,149.40					

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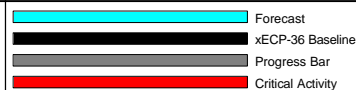
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	FY					
										FY05	FY06	FY07	FY08	FY09	
<b>17 - Cryostat and Base Support Structure</b>															
<b>Job:1701-Cryost&amp;Base Sprt Strct Dsn-GETTLEFINGER</b>															
<b>Prior Costs</b>															
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	354*	29AUG05	482		90		44,771.35	49,745.94	Messineo =170hr ;gettelfinger =202hr				
151-003	Base Support Struct PDR		0	29AUG05	482				0.00	0.00					
161-011	Final Design Base Support Structure WBS 172	30AUG05	114	16FEB06	482				0.00	66,111.56	Messineo =170hr;Gettelfinger =202hr;				
172-199	Base Support Structure FDR		0	16FEB06	482				0.00	0.00					
151-011	Final Design Cryostat WBS 171	25JUL05A	479*	22JUN07	175		2		4,848.53	242,426.52	Gettelfinger =976hr ;Messineo =593hr ;				
171-199	Cryostat FDR		0	22JUN07	175				0.00	0.00					
<b>Job: 1751 - Cryostat Procurement</b>															
<b>171 - Cryostat</b>															
151-031	Title III engr	25JUN07	405	28JAN09	175				0.00	33,054.33	Gettelfinger =34hr ; messineo=220				
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	41=358.47\$K ; 35=02\$K ;				
<b>Job: 1752 - Base Support Structure Procurement</b>															
<b>172 - Base Support Structure</b>															
161-031	Title III engr WBS 172	06FEB07	240	22JAN08	438				0.00	11,161.46	Gettelfinger =60hr ;				
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	41=238\$K ; 35=02\$K ;				
<b>18 - Field Period Assembly</b>															
<b>Job: 1801-Field Period Assly -CHRZANOWSKI (ORNL)</b>															
<b>Prior Costs</b>															
1801-001	Apr-Sept MIE Costs PPPL	01APR03A	42	30SEP03A				100	7,750.00	7,750.00					
1801-002	Apr-Sept MIE Costs ORNL	01APR03A	42	30SEP03A				100	53,050.00	53,050.00					
<b>Job: 1802 - FP Assy Oversight&amp;Support-VIOLA</b>															
<b>Oversight and Supervision</b>															
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	112,371.60	136,539.00	sh/tb=1300 (.75 fte)				
181.222	HP Coverage in the TFTR TC LOE FY06	03OCT05*	250*	02OCT06	760				0.00	151,697.99	sh/tb=1300 (.75 fte)				
181.220	HP Coverage in the TFTR TC LOE FY07	02OCT06*	250*	01OCT07	511				0.00	155,203.36	sh/tb=1300 (.75 fte)				
181.221	HP Coverage in the TFTR TC LOE FY08	01OCT07*	251*	30SEP08	261				0.00	160,771.00	sh/tb=1300 (.75 fte)				
181.100	PPPL EM LOE FY04	13OCT03A	242*	30SEP04A				LOE	77,518.74	77,518.74					

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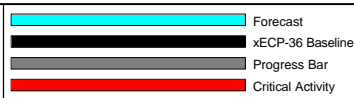
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days=1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	FY				
										FY05	FY06	FY07	FY08	FY09
181.110	PPPL EM LOE FY05	01OCT04A	249*	30SEP05	1,010		LOE	7,921.54	9,625.20	Viola=60				
181.120	PPPL EM LOE FY06	06MAR06*	148*	02OCT06	760			0.00	116,541.57	Viola=648 66% for FY06				
181.121	PPPL EM LOE FY07	02OCT06*	249*	28SEP07	512			0.00	269,898.66	Viola=1467 (85%)				
181.122	PPPL EM LOE FY08	01OCT07*	251*	30SEP08	261			0.00	279,624.87	Viola=1467 (85%)				
<b>Job: 1803- FP Assy Toolg/Constructability-BROWN</b>														
<b>1.00-VV Prep Station</b>														
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	BROWN =08hr ; PAUL =120 ;				
1803-1.04	Metrology -sightline layout metrology support	13APR05A	18	31MAY05A			100	25,502.00	25,502.00	BROWN =80hr ; PAUL =120 ;				
1803-1.05	Structural / Seismic Analysis check	01FEB05A	86*	31MAY05A			100	13,220.00	13,220.00	ANALYST =80hr ;				
1803-1.06	Design review PDR VV Prep Station	01AUG05*	8*	10AUG05	378			0.00	1,983.00	BROWN =12hr ;				
1803-1.09	Safety Review documentation / presentation	11AUG05	10	24AUG05	378			0.00	2,644.00	BROWN =16hr ;				
1803-1.061	Design review FDR VV Prep Station	25AUG05*	2	26AUG05	378			0.00	1,983.00	BROWN =12hr ;				
1803-1.07	Design check and sign-off	29AUG05*	5	02SEP05	378			0.00	3,462.80	BROWN =16hr ; PAUL =08 ;				
1803-1.10	Fab / Design Review - follow-up activities	29AUG05*	10	09SEP05	394			0.00	6,738.00	BROWN =16hr ; PAUL =40 ;				
1803-1.08	Prep & Issue Spec,dwgs,and requisition	05SEP05*	1	05SEP05	378			0.00	2,644.00	BROWN =16hr ;				
1803-1.081	Procure Materials	06SEP05	20	03OCT05	378			0.00	12,909.00	m&s= ?				
1803-1.12	PPPL FAB - VV support Fixture	04OCT05	45	05DEC05	395			0.00	5,513.64	em//tb=?				
1803-1.13	PPPL FAB VV Prep Station Platform	04OCT05	45	05DEC05	395			0.00	5,513.64	em//tb=?				
1803-1.14	PPPL FAB VV Prep Station metrology stands	04OCT05	45	05DEC05	395			0.00	5,513.64	em//tb=?				
<b>2.00-Half Period Assembly</b>														
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	01AUG05*	10	12AUG05	1,050			0.00	21,728.00	lea/em=60;ea//sm=80				
1803-2.05	Structural / Seismic Analysis check	08AUG05*	17*	30AUG05	349			0.00	13,220.00	ANALYST =80hr ;				
1803-2.06	PDR Half Period Assy	31AUG05	1	31AUG05	349			0.00	1,983.00	BROWN =12hr ;				
1803-2.09	Safety Review documentation / presentation	14SEP05	10	27SEP05	349			0.00	2,644.00	BROWN =16hr ;				
1803-2.061	FDR Half Period Assy	28SEP05*	1	28SEP05	349			0.00	1,983.00	BROWN =12hr ;				
1803-2.10	Fab / Design Review - follow-up activities	29SEP05	10	12OCT05	1,007			0.00	7,335.70	BROWN =16hr ; PAUL =40 ;				
1803-2.07	Design check and sign-off	29SEP05	5	05OCT05	349			0.00	3,693.15	BROWN =16hr ; PAUL =08 ;				
1803-2.08A	Prep & Issue Spec,dwgs,and requisition	05OCT05	1	05OCT05	349			0.00	0.00					
1803-2.08	Procurement Lead Time and Award	06OCT05	55	23DEC05	349			0.00	2,937.12	BROWN =16hr ;				
1803-2.11	Fab MC HP Assy Fixtures (2)	03JAN06	65	03APR06	349			0.00	29,580.00	41=10\$k each = \$20k ;				
1803-2.12	Fab MC MC HP Assy Metrology support stands (2)	03JAN06	65	03APR06	349			0.00	14,790.00	41=5\$k each = \$10k ;				
<b>3.00-MC Installation</b>														
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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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)	Budget (ECP-36)	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						
<b>3.10 MC Turning Fixture-Industry Option</b>															
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	12AUG05	217			0.00	0.00						
1803-3.15	PPPL Dsn Turning fixture	15AUG05	65	11NOV05	217			0.00	81,340.63	brown=140; morris=530					
1803-3.07	Seismic Analysis check	24OCT05*	15	11NOV05	985			0.00	29,371.20	M FAN =160hr ;					
1803-3.15B	PDR Turning fixture & Base		0	16SEP05	257			0.00	0.00						
1803-3.15E	FDR Turning fixture & Base		0	11NOV05	217			0.00	0.00						
1803-3.07A	Prep Procurement Pkg	14NOV05*	35	11JAN06	217			0.00	0.00						
1803-3.08A	Issue RFP		0	11JAN06	217			0.00	0.00						
1803-3.08B	Recieve & Evaluate Bids	12JAN06	25	15FEB06	217			0.00	0.00						
1803-3.15D	Award Fabrication Contract		0	15FEB06	217			0.00	0.00						
1803-3.15C	Fabricate - MC Turning fixture & Base	16FEB06*	210	12DEC06	217			0.00	0.00	41=65\$K for fabrication					
1803-3.15A	Fabricate - MC Gantry Crane	16FEB06*	210	12DEC06	217			0.00	17,479.43	41=12\$K ;					
<b>3.20 MC Turning Fixture-Crane Option</b>															
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	24*	29JUL05A			100	56,326.60	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	29JUL05A	5	29JUL05A			100	11,923.20	11,923.20	TECH INSTALL TIME 160 hrs					
1803-3.46	Metrology set-up	29JUL05A	5	29JUL05A			100	0.00	0.00						
1803-3.49	Run Test	29JUL05A	3	29JUL05A			100	11,004.00	11,004.00	TECHS 96hrs, VIOLA 24hrs					
1803-3.50	Test Evaluation and Write up	01AUG05	10*	12AUG05	217			0.00	2,566.72	VIOLA 16hrs					
1803-3.52	DECISION ON APPROACH		0	12AUG05	217			0.00	0.00						
<b>3.30 MC Assy -Platforms,Suprt Stands,&amp;other</b>															
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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Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	Fiscal Year				
										FY05	FY06	FY07	FY08	FY09
1803-3.11	Procurement Technical Rep	01AUG05*	140	22FEB06	920			0.00	27,007.58	BROWN =152hr ;				
1803-3.13	Fabrication - follow-up activities	01AUG05*	140	22FEB06	920			0.00	11,509.33	BROWN =40hr ; MORRIS =40 ;				
<b>4.00-Final FP Assembly</b>														
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	15AUG05*	20	09SEP05	1,030			0.00	28,530.00	BROWN =24hr ; MORRIS =240 ;				
1803-4.06	Metrology - sightline layout design details metr	01AUG05*	3*	03AUG05	463			0.00	9,510.00	BROWN =08hr ; MORRIS =80 ;				
1803-4.07	Structural / Seismic Analysis check	01AUG05*	10	12AUG05	455			0.00	13,220.00	ANALYST =80hr ;				
1803-4.08	PDR Final FP Assy	15AUG05	1	15AUG05	455			0.00	1,322.00	BROWN =8hr ;				
1803-4.081	FDR Final FP Assy	16AUG05	1	16AUG05	455			0.00	1,322.00	BROWN =8hr ;				
1803-4.09	Design check and sign-off	17AUG05	5	23AUG05	455			0.00	3,462.80	BROWN =16hr ; MORRIS =08 ;				
1803-4.11	Safety Review documentation / presentation	02AUG05	10	15AUG05	455			0.00	2,644.00	BROWN =16hr ;				
1803-4.12	Fabrication - follow-up activities	09NOV05	65	17FEB06	455			0.00	7,485.12	BROWN =16hr ; MORRIS =40 ;				
1803-4.10A	Prep & Issue Spec,dwgs,and req-pltrfm&sprts	23AUG05	1	23AUG05	455			0.00	0.00					
1803-4.10	Procurement lead time	24AUG05	55	08NOV05	455			0.00	4,181.84	BROWN =24hr ;				
1803-4.13	FAB-MC Support Stands (2)	09NOV05*	65	17FEB06	455			0.00	14,790.00	BROWN =15k x 2 = \$10k ;				
1803-4.14	Fab -TF HP support and turning fixture (2)	09NOV05*	65	17FEB06	482			0.00	11,092.50	BROWN =15k ;				
1803-4.15	FAB-FP Assy platforms (2)	09NOV05*	65	17FEB06	455			0.00	44,370.00	BROWN =15k ;				
1803-4.16	FAB-MC Temporary End Supports (2)	09NOV05*	65	17FEB06	455			0.00	14,790.00	BROWN =15k x 2 = \$10k ;				
1803-4.17	FAB-Final FP Assy Metrology suprt stands (2)	09NOV05*	65	17FEB06	455			0.00	14,790.00	BROWN =15k x 2 = \$10k ;				
1803-4.18	FAB-VV Port alignment/weldment fixtures (2)	09NOV05*	65	17FEB06	455			0.00	14,790.00	BROWN =15k x 2 = \$10k ;				
<b>5.00-TF HP Assembly</b>														
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	01SEP05*	10	14SEP05	436			0.00	9,510.00	BROWN =8hr ; MORRIS =80 ;				
1803-5.004	Structural Analysis	01SEP05*	15	21SEP05	431			0.00	13,220.00	Analyst=80hrs				
1803-5.005	PDR	22SEP05	5	28SEP05	431			0.00	0.00	BROWN =8 ETC ONLY				
1803-5.006	FDR	29SEP05	5	05OCT05	431			0.00	0.00	BROWN =8 ETC ONLY				
1803-5.007	Pre & Issue Specs and Dwgs	06OCT05	5	12OCT05	431			0.00	0.00					
1803-5.008	Procurement Lead Time	13OCT05	55	09JAN06	431			0.00	0.00	BROWN =24 ETC ONLY				
1803-5.009	Fabricate TF HP Assembly (1)	10JAN06	65	10APR06	431			0.00	0.00	BROWN =41=\$30k etconly				
<b>6.00-Interface/Test Activities</b>														
1803-5.01	Finalize TFTR test cell FPA assembly layout draw	01JUN05A	42*	29JUL05A			100	9,066.40	9,066.40	BROWN =40hr ; PAUL =24 ;				
1803-5.02	Establish an assembly interface requirements doc	03OCT05*	10	14OCT05	1,005			0.00	7,342.80	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	01JUL05A	43*	31AUG05	1,022		50	9,607.50	19,215.00	BROWN =41=\$15k				
1803-5.05	Metrology Validation	01SEP05	15	21SEP05	1,022			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)	Budget (ECP-36)	FY					
										FY05	FY06	FY07	FY08	FY09	
<b>7.00-Oversight</b>															
1803-7.01	Meetings Prep and Reporting	01NOV04A	230*	30SEP05	1,015		LOE	91,685.79	114,037.05	BROWN =341hr ; MORRIS =238 ; PAUL =190 ; Fan=84					
1803-7.02	Develop and maintain concept definition document	01NOV04A	230*	30SEP05	1,015		LOE	7,971.66	9,915.00	BROWN =60hr ;					
1803-7.03	Develop and maintain assembly plan document	01NOV04A	230*	30SEP05	1,015		LOE	10,628.88	13,220.00	BROWN =80hr ;					
1803-7.04	Mike Cole's FY05 on-site involvement in assembly	01NOV04A	230*	30SEP05	1,015		LOE	19,939.20	24,800.00	COLE =160hr ;					
<b>Tooling Design &amp; Fabrication</b>															
713A.040	General procurements	02OCT06*	498	26SEP08	263			0.00	10,473.75						41=\$7.5k
713A.050	Welding tools, materials & equipt	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
<b>Job: 1804-FP Assy Measurement Sys-RAFTOPOULOS</b>															
<b>Metrology</b>															
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	81,310.93	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					
<b>Job:1810 - Field Period Assembly-VIOLA</b>															
<b>Prep TFTR TC for Assembly operations</b>															
S0P0-100	Clearout realestate & setup fixturing	03OCT05*	59*	03JAN06	956			0.00	0.00	EM/TB=crane operator = 450 hrs ETC ONLY					
<b>Stage 1 VV Prep (instl diag &amp; insul)FP#1</b>															
S1P1-101	Receive VV and inspect	16DEC05	4	21DEC05	372			0.00	8,019.84	EM/TB =96hr ;					
S1P1-102	Mount VV on VV Prep fixture (top side up)	22DEC05	1	22DEC05	372			0.00	1,002.48	EM/TB =12hr ;					
S1P1-103	Establish metrology setting; align VV base	23DEC05	3	04JAN06	372			0.00	6,014.88	EM/TB =72hr ;					
S1P1-106	Attach studs for coolant lines,insulation on top	16MAY06	8	25MAY06	279			0.00	16,039.68	EM/TB =192hr ;					
S1P1-107	Wind magnetic diagnostic sensors to top surface	26MAY06	13	14JUN06	279			0.00	16,039.68	EM/TB =192hr ;					
S1P1-108	Install cooling/htg lines to vac vsl top surface	15JUN06	8	26JUN06	279			0.00	21,386.24	EM/TB =256hr ;					
S1P1-109	Install insulation to vac vsl to top surface	27JUN06	10	11JUL06	279			0.00	33,416.00	EM/TB =400hr ;					
S1P1-110	Flip VV to expose lower surface	12JUL06	1	12JUL06	279			0.00	2,004.96	EM/TB =24hr ;					
S1P1-112	Attach studs for coolant lines, insulation bott	13JUL06	8	24JUL06	279			0.00	16,039.68	EM/TB =192hr ;					

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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)	Budget (ECP-36)	FY					
										FY05	FY06	FY07	FY08	FY09	
S1P1-113	Wind magnetic diagnostic sensors to bot surface	25JUL06	13	10AUG06	279			0.00	16,039.68			EM/TB =192hr ;			
S1P1-114	Install cooling/htg lines to vac vsl bot surface	11AUG06	8	22AUG06	279			0.00	21,386.24			EM/TB =256hr ;			
S1P1-115	Install insulation to vac vsl to bot surface	23AUG06	10	05SEP06	279			0.00	33,416.00			EM/TB =400hr ;			
S1P1-116	Prepare and transfer completed VV to holding are	06SEP06	3	08SEP06	279			0.00	6,014.88			EM/TB =72hr ;			
<b>Stage 1 VV Prep (instl diag &amp; insul)FP#2</b>															
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 ;			
<b>Stage 1 VV Prep (instl diag &amp; insul)FP#3</b>															
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 ;			
<b>Stage 2 MC HP Sub-assembly (bolt 3 MC together)</b>															
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	30MAR07	27	07MAY07	128			0.00	75,213.60			EM/TB =880hr ;			
S2P2-100	Assemble Mod-Coils a3.b3,c3 FP 2 left	08AUG07*	27	13SEP07	126			0.00	75,213.60			EM/TB =880hr ;			
S2P2-200	Assemble Mod-Coils a4.b4,c4 FP 2 right	22AUG07	27	27SEP07	123			0.00	75,213.60			EM/TB =880hr ;			
S2P3-100	Assemble Mod-Coils a5.b5,c5 FP 3 left	22NOV07	27	10JAN08	129			0.00	77,924.00			EM/TB =880hr ;			

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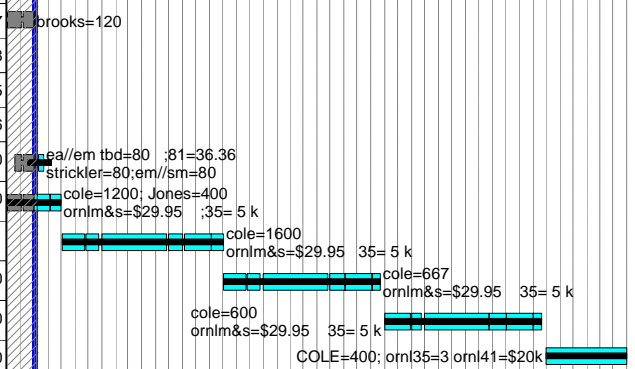








Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days=1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	Fiscal Year				
										FY05	FY06	FY07	FY08	FY09
192-6	LOE-FY05 WBS 192-6 Integrated Analysis	01OCT03A	271	30SEP04A			LOE	42,333.00	42,333.00					
192-6.07	Time constant calcs using SPARK	01APR04A	42*	28MAY04A			100	6,180.00	6,180.00					
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*	29JUL05A			100	19,284.37	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		75	52,786.20	70,381.60					
0192-5	LOE-FY05 WBS 192	01OCT04A	249*	30SEP05	1,010		LOE	232,096.29	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					

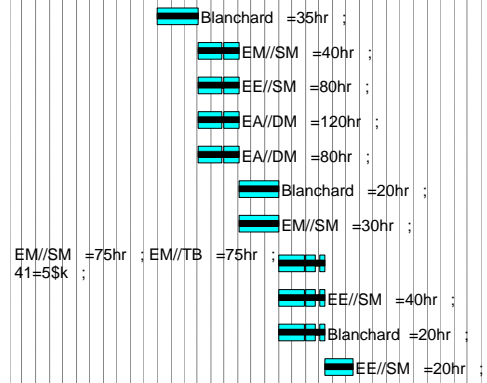


**2 - Plasma Heating, Fueling & Vac Systems**

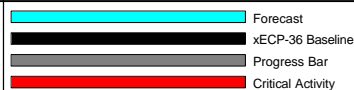
**21 - Fueling Systems**

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					



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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)	Budget (ECP-36)						
										FY05	FY06	FY07	FY08	FY09	
<b>22 - Torus Vacuum Pumping Systems</b>															
<b>Job: 2001-VPS, Gas &amp; Cond Sys Oversight-BLANCHARD</b>															
<b>Prior Costs</b>															
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					
<b>22-25 Eng. Work Planning and Design</b>															
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					
<b>25 - Neutral Beam Injection System</b>															
<b>Job: 2501 - Neutral Beam Refurbishment-STEVENS</b>															
<b>FY04 Work Plan</b>															
2501-014	FY04 work accomplished	03NOV03A	227	30JUN04A					81,334.78	81,334.78					
2501-014.1	FY04 work closeout *TBD*	01JUL04A	64*	30SEP04A				LOE	48,614.06	48,614.06					
<b>Prior Costs</b>															
2501-001	Apr-Sept MIE Cost	01APR03A	43*	30SEP03A				100	123,000.00	123,000.00					
<b>Refurbishment**CD-3 deleted scope</b>															
25-099	FY04 work accomplished	01MAR04A	846*	30JUN04A					21,384.62	21,384.62					
<b>Re-Install Beamline**CD-3 deleted scope</b>															
25-190.1	33) Fabr BL alignment measur fixture,	01JUN04A	699*	30JUN04A					2,060.33	2,060.33					
<b>Re-Install Cables**CD-3 deleted scope</b>															
25-225.1	Cabling-Design & WP Procedures	01APR04A	872*	30JUN04A					4,812.60	4,812.60					
25-230.1	Cabling-Fabr and Install new Junction Box	02JUN04A	190	30JUN04A					727.68	727.68					
<b>Beamline Connections**CD-3 deleted scope</b>															
25-310.1	Drafting Labor Support	01JUN04A	298	30JUN04A					2,433.60	2,433.60					
<b>3 - Diagnostics</b>															
<b>31 - Magnetic Diagnostics</b>															
<b>Job: 3101 Magnetic Diagnostics</b>															
<b>Vacuum Vessel Saddle Loops</b>															
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					

■ 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 ;
   
 ■ EE//SM =160hr ; 41=32\$K ;
   
 ■ Blanchard =40hr ;
   
 ■ EE//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)	Budget (ECP-36)	Fiscal Year				
										FY05	FY06	FY07	FY08	FY09
3101-113	INTEGRATE LAYOUT, MEAS NEEDS W/ VSL METRO PLANS	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 MODEL	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	STRATTON =20hr ; LABIK =40hr ;				
3101-126	PEER REVIEW -VESSEL SADDLE LOOP MOUNTING		0	31MAY05A			100	0.00	0.00					
3101-129	DESIGN AND PROTOTYPE SADDLE LOOP TERMINATIONS	01MAR05A	107*	29JUL05A			100	7,643.52	7,643.52	STRATTON =08hr ; LABIK =40hr ;				
3101-133	Prototype loops on vsl proto segment using ARI	01MAR05A	107*	29JUL05A			100	6,189.20	6,189.20	LABIK =20hr ; DIAG TECH =40hr ;				
3101-137	FINAL OPTIMIZATION OF LOOP LOCATION, AREA	01JAN05A	193*	30SEP05	400			0.00	0.00					
3101-141	FDR PREP- VESSEL SADDLE LOOPS	01AUG05	44*	29SEP05	401			0.00	9,483.60	STRATTON =20hr ; LABIK =40hr ;				
3101-142	FDR - VESSEL SADDLE LOOPS		0	29SEP05	401			0.00	0.00					
3101-145	PROCURE MATERIALS	30SEP05	40	28NOV05	401			0.00	35,327.76	M&S =19\$K ; LABIK =40hr ;				
3101-149	PREPARE METROLOGY	01JUN05A	87*	30SEP05	429	50		3,208.40	6,416.80	LABIK =40hr ;				
3101-153	FAB TERMINATION BOXES & CLAMPS	30SEP05	40	28NOV05	401			0.00	35,311.36	LABIK =40hr ; MACHINIST =80hr ; DIAG TECH =225hr ;				
3101-157	Design Tooling	01JUN05A	87*	30SEP05	440	40		8,203.84	20,509.60	DIAG TECH =20hr ; LABIK =40hr ; MACHINIST =120hr ;				
3101-161	SUPT LOOP INSTL 200 LOOPS), TERMINATION, TESTING	26MAY06	247*	21MAY07	264			0.00	14,598.48	LABIK =80hr oversight installation time in WBS18 job 1810				
<b>Modular Coil C-wound Loops</b>														
3101-205	MOUNTING/LOCATING STRATEGY MC CO-WOUND LOOPS	01JAN05A	20	31JAN05A			100	3,208.40	3,208.40					
3101-209	PROTOTYPE ON TWISTED RACETRACK	01MAR05A	20	31MAR05A			100	4,741.80	4,741.80					
3101-213	DESIGN TERMINATION	01MAR05A	118*	15AUG05	1,049	90		6,572.16	7,302.40	LABIK =20hr ; MECH DESIGN =40 ;				
3101-217	Document design in procedures & models	01AUG05	5	05AUG05	197			0.00	12,044.20	STRATTON =10hr ; LABIK =40hr ; MECH DESIGN =40 ;				
3101-221	PROCURE MATERIALS	25JUL05A	0*	29JUL05A			100	6,410.90	6,410.90	M&S =2.5\$K ; LABIK =20hr ;				
3101-225	FAB TERMINATION BOXES	08AUG05	20	02SEP05	1,035			0.00	4,585.00	LABIK =10hr ; DIAG TECH =40hr ;				
3101-229	SUPPORT NSTALLATION, TERMINATION, TESTING	29NOV05	461*	27SEP07	113			0.00	7,283.04	LABIK =40hr ; oversight installation included in MC winding job				
<b>Rogowski Coils</b>														
3101-301	LAYOUT LOCATION ROWGOSKI COIL & EST COIL DIMEN	01JUN05A	76*	15SEP05	392	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, TERMINATIONS	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)	12JUL06	65	10OCT06	279			0.00	53,204.16	M&S =15\$K ; LABIK =80hr ; DIAG TECH =200hr ;				
3101-333	FAB TERMINATIONS	26JUL06	20	22AUG06	279			0.00	6,938.00	LABIK =20hr ; DIAG TECH =40hr ;				
3101-337	INSTALL COILS AND TERMINATIONS	23AUG06	204*	15JUN07	264			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)	Budget (ECP-36)	FY					
										FY05	FY06	FY07	FY08	FY09	
<b>TF Co-wound Loops</b>															
3101-401	MOUNTING/LOCATING TECHNIQUE TF CO-WOUND LOOPS	25JUL05A	26*	29AUG05	406		50	3,137.60	6,275.20	STRATTON	=20hr ; LABIK	=20hr ;			
3101-405	DESIGN TERMINATION	30AUG05	20	26SEP05	406			0.00	10,510.80	LABIK	=40hr ; MECH DESIGN	=40 ;			
3101-409	FINALIZE LOOP LOCATION/MOUNTING TECHNIQUE	27SEP05	20	24OCT05	406			0.00	7,037.60	LABIK	=40hr ;				
3101-413	FDR PREP- TF CO-WOUND LOOPS	25OCT05	5	31OCT05	406			0.00	7,192.80	LABIK	=40hr ;				
3101-414	FDR - TF CO-WOUND LOOPS		0	31OCT05	406			0.00	0.00						
3101-417	PROCURE MATERIALS	01NOV05	20	30NOV05	406			0.00	10,991.40	M&S	=05\$K ; LABIK	=20hr ;			
3101-421	FAB TERMINATIONS	01DEC05	20	05JAN06	406			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						
<b>Modular Coil Shell Saddle Loops</b>															
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 LOOPS	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 ;				
3101-525	FDR PREP - MC SHELL SADDLE LOOPS	30MAR07	20	26APR07	185			0.00	7,359.20	LABIK	=40hr ;				
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	M&S	=05\$K ; LABIK	=20hr ;			
3101-533	INSTALL MC SHELL SADDLE LOOPS	15AUG07	175*	28APR08	119			0.00	0.00						
3101-537	INSTALL TERMINATIONS	15AUG07	120	11FEB08	174			0.00	9,037.92	LABIK	=20hr ; DIAG TECH	=60hr ;			
<b>36 - Edge and Divertor Diagnostics</b>															
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						
<b>38 - Electron Beam (EB) Mapping</b>															
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						
<b>39 - Diagnostics Integration</b>															
<b>Job: 3901 - Diagnostics sys Integration-JOHNSON</b>															
<b>Prior Costs</b>															
390-001	LOE Support FY03	01APR03A	151*	30SEP03A			100	155,450.00	155,450.00						

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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)	Budget (ECP-36)	Fiscal Year				
										FY05	FY06	FY07	FY08	FY09
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	29JUL05*	1,054		90	0.00	0.00					
390-130	Rvw status of existing ICD's w/VV & Mod Coils		0	29JUL05*	1,054		100	0.00	0.00					
390-140	Write ICD's-Define external space for diagnostic		0	29JUL05*	1,054		50	0.00	0.00					
390-150	Write ICD's-Define space f/racks in cntrl rm		0	29JUL05*	1,054		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	29JUL05*	1,054		70	0.00	0.00					
390-180	Hold CDR's co-wound mag sensors&ext saddle loops		0	29JUL05*	1,054			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	54,612.06	66,357.30					
										R///RM2 =177hr ; EM//EM =0 EA//DM =0 ;t///rm3=177				
390-020	LOE Support FY06	03OCT05*	249*	29SEP06	761			0.00	73,709.88					
										R///RM2 =177hr ; EM//EM =0 EA//DM =0 ;t///rm3=177				
<b>4 - Electrical Power Systems</b>														
<b>41 - AC Power</b>														
<b>Job: 4101 - AC Power-RAMAKRISHNAN</b>														
<b>411 - Auxiliary AC Power Systems</b>														
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)	01JUL05A	355*	30NOV06	550	20		9,738.85	48,694.23					
411-3-6	Test Cell AC Power Distr-Install	01JUL05A	358*	05DEC06	547	50		15,760.53	31,521.05					
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	01AUG05	0	29JUL05	1,054			0.00	0.00					
411-4-4	Standby Power for Cryo Sys -Procure	01AUG05	0	29JUL05	1,054			0.00	0.00					
411-4-6	Standby Power for Cryo Sys -Install	01AUG05	0	29JUL05	1,054			0.00	0.00					
<b>412 - Experimental AC Power Systems</b>														
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					

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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)	Budget (ECP-36)	FY					
										FY05	FY06	FY07	FY08	FY09	
412-1-6	D-site Pulsed AC Power Distr-Install	05OCT07	40	03DEC07	236			0.00	18,390.72						EE//EM =16hr ; EE//SM =64hr ; EE//TB =80hr ;
412-1-8	D-site Pulsed AC Power Distr-Commission	04DEC07	40	05FEB08	236			0.00	11,088.40						EE//EM =24hr ; EE//SM =24hr ; EE//TB =40hr ;
<b>43 - DC Systems</b>															
<b>Job: 4301 - DC Systems-RAMAKRISHNAN</b>															
<b>431 - C-Site DC Systems</b>															
431-200	Condition/spare parts inventory	01OCT04A	249*	30SEP05	1,010	95		16,156.54	17,006.88						hatcher=24;cropper=120
431-210	Organize & verify documentation	01OCT04A	249*	30SEP05	1,010	95		41,559.24	43,746.56						raki=104;cropper=64;nelson=200
431-215	Document status	01OCT04A	249*	30SEP05	1,010	90		5,607.72	6,230.80						raki=40
431-225	Reactivate DF & PEI units	01JUL05A	64*	30SEP05	1,010	5		559.82	11,196.40						raki=16;cropper=24;wisowaty=80
431-230	Load test	01JUL05A	64*	30SEP05	1,010	5		765.32	15,306.40						raki=40;mg wisowaty=120
431-240	Simulate each of 6 pwr loops in PSCAD	01AUG05*	65	31OCT05	989			0.00	12,907.96						neumeyer=80
431-250	c-site dc sys DGS dsn documentation	01AUG05*	100	21DEC05	954			0.00	6,995.30						raki=16;jones=40
431-260	Power loop design	01NOV04A	228*	30SEP05	1,010	80		86,867.58	108,584.48						raki=224;vankirk=360;jones=360
431-265	Fabricate bus components	01AUG05*	185	27APR06	869			0.00	17,342.12						raki=16;ee//sm=40;ee//tb=120
431-275	Power cabling & Installation	02OCT06*	121	29MAR07	492			0.00	216,284.20						raki=40;ee//sm=240;ee//tb=520 powers=90.m&s=7
<b>44 - Control and protection Systems</b>															
<b>Job: 4401 - Control &amp; Protection-RAMAKRISHNAN</b>															
<b>441 - Electrical Interlocks</b>															
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
<b>442 - Kirk Key Interlocks</b>															
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 ;
<b>443 - Real Time Control Systems</b>															
443-1-2	Develop Control Algorithms-Dsn	23APR07*	142	09NOV07	274			0.00	14,270.86						EE//EM =80hr ;
<b>444 - Instrument Systems</b>															
444-1-2	DC Current Transducers (DCCTs)-Dsn	01AUG05	0	29JUL05	1,054			0.00	0.00						
444-1-4	DC Current Transducers (DCCTs)-Procure	01AUG05	0	29JUL05	1,054			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)	Budget (ECP-36)	Fiscal Year					
										FY05	FY06	FY07	FY08	FY09	
444-1-6	DC Current Transducers (DCCTs)-Install	01AUG05	0	29JUL05	1,054			0.00	0.00						
444-1-8	DC Current Transducers (DCCTs)-Commission	01AUG05	0	29JUL05	1,054			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	01JUL05A	413*	28FEB07	454	5		2,163.63	43,272.70			EA/DM =80hr ; EE/EM =200hr ;			
444-4-4	Signal Conditioning & Cabling-Procure	01JUL05A	511*	18JUL07	454	5		820.42	16,408.47			41=12\$K ;			
444-4-6	Signal Conditioning & Cabling-Install	15AUG07	68	19NOV07	454			0.00	28,856.75			EE/EM =24hr ; EE/SM =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 ;			
<b>445 - Coil Protection Systems</b>															
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; 41=6;powers=25k			
<b>45 - Power System Design and Integration</b>															
<b>Job: 4501 - Power Sys Dsn &amp; Integr-RAMAKRISHNAN</b>															
<b>Prior Costs</b>															
4501-001	Apr-Sept MIE Cost	01APR03A	43*	30SEP03A			100	112,340.00	112,340.00						
<b>451 - System Design &amp; Interfaces</b>															
4501-100	Design Drawings	02FEB04A	193*	30SEP04A			100	19,807.80	19,807.80						
4501-110	Calculations-FY04	01MAR04A	151*	30SEP04A			100	0.00	0.00						
451-0-1	C-Site Decision	30APR04A	0	30APR04A			100	0.00	0.00						
451-7-2	FDR DC transmission-Dsn	01MAY04A	0*	28MAY04A			100	10,084.00	10,084.00						



Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days=1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	FY				
										FY05	FY06	FY07	FY08	FY09
451-7-20	FDR DC transmission		0	28MAY04A			100	0.00	0.00					
451-0-2	Develop SRD	01AUG05	21	29AUG05	1,033			0.00	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	187*	31AUG05	761		95	39,234.24	41,299.20					vankirk=160; raki=160
451-2-2	PDR Power system -Dsn	01SEP05	21*	30SEP05	761			0.00	41,299.20					vankirk=160;raki=160
451-6-2	FDR C-Site -Cabling	01AUG05*	44*	30SEP05	1,010			0.00	30,974.40					VANKIRK =120hr ; Raki =120hr ;
451-2-2.1	FDR C-Site	03OCT05	249*	29SEP06	761			0.00	34,408.80					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	01AUG05*	542*	28SEP07	512			0.00	56,424.10					Raki =320hr ;design=8
<b>452 - Electrical Systems Support</b>														
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 ;
452-2-4	Diagnostics sensor cabling-Procure	08JAN07	185	26SEP07	240			0.00	2,770.00					41=02\$K ;
452-2-6	Diagnostics sensor cabling-Install	27SEP07	65	07JAN08	240			0.00	22,791.55					EE//EM =24hr ; EE//SM =32hr ; EE//TB =160hr ;
452-2-8	Diagnostics sensor cabling-Commission	08JAN08	40	03MAR08	240			0.00	6,399.92					EE//EM =08hr ; EE//SM =16hr ; EE//TB =32hr ;
<b>453 - System Testing (PTP's)</b>														
453-1-2	New Procedures	06OCT06*	90	20FEB07	345			0.00	70,408.80					EA//DM =240hr ; EE//EM =240hr ;
453-1-4	Preop Testing-Procure test equipt	21FEB07*	160	05OCT07	345			0.00	34,642.97					41=25\$K ;
453-1-8	Testing PTPs, ISTPs	19OCT07*	100	18MAR08	236			0.00	219,667.28					EE//SM =240hr ; EE//TB =376hr ; ee//em=768 ;41=10
<b>46 - FCPC Building Modifications</b>														
<b>Job: 4601 - FCPC Bldg Mods-RAMAKRISHNAN</b>														
<b>Prior Costs</b>														
4601-001	Apr-Sept MIE Cost	01APR03A	43*	30SEP03A			100	1,300.00	1,300.00					
<b>5 - Central I&amp;C Systems</b>														
<b>51 - TCP/IP Infrastructure Systems</b>														
<b>Job: 5801 -Central I&amp;C Integr &amp; Oversight-SICHTA</b>														
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					EC//EM =40hr ;
51-20	Final Network Design (Title II)	05DEC07	20	09JAN08	239			0.00	6,825.20					EC//EM =40hr ;
51-30	Installation, Testing, Documentation (Title III)	10JAN08	120	26JUN08	239			0.00	269,040.80					EA//DM =160hr ; EC//EM =220hr ; EE//SM =740hr ; 41=82\$K ;

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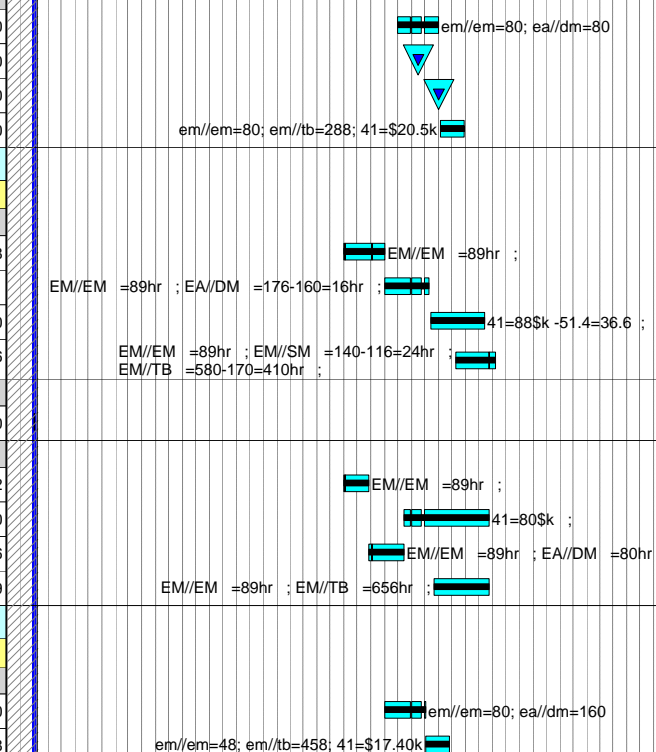
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	FY				
										FY05	FY06	FY07	FY08	FY09
<b>52 - Central Instrumentation &amp; Control</b>														
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					
<b>53 - Data Acquisition &amp; Facility Computing</b>														
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					
<b>54 - Facility Timing &amp; Synchronization</b>														
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					
54-30	Installation, Testing, Documentation (Title III)	14MAR08	135	23SEP08	178			0.00	169,775.20					
<b>55 - Real Time Plasma &amp; Power Supply Control Sys</b>														
55-10	Preliminary Design (Title I)	02OCT07*	45	05DEC07	238			0.00	13,650.40					
55-20	Final Design (Title II)	06DEC07	20	10JAN08	238			0.00	13,650.40					
55-30	Installation, Testing, Documentation (Title III)	11JAN08	120	27JUN08	238			0.00	134,352.40					
<b>56 - Central Safety Interlock Systems</b>														
56-10	Preliminary Design (Title I)	02OCT07*	87	11FEB08	183			0.00	27,300.80					
56-20	Final Design (Title II)	12FEB08	45	14APR08	183			0.00	27,300.80					
56-30	Installation, Testing, Documentation (Title III)	15APR08	108	16SEP08	183			0.00	327,335.40					
<b>57 - Control Room Facility</b>														
57-10		01AUG05	0	29JUL05	1,054			0.00	0.00					
<b>58 - Central I&amp;C management and Integration</b>														
<b>Job: 5801 -Central I&amp;C Integr &amp; Oversight-SICHTA</b>														
51-02	FY05 LOE support	01OCT04A	249*	30SEP05	1,010	LOE		10,256.44	12,462.26					

Run Date	12AUG05 13:31	 Forecast  xECP-36 Baseline  Progress Bar  Critical Activity	0507	<b>NCSX</b> <b>JULY 2005</b> <b>Status against ECP-36</b>	Sheet 44 of 52	Completed tasks summarized
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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)	Budget (ECP-36)	FY					
										FY05	FY06	FY07	FY08	FY09	
<b>6 - Facility Systems</b>															
<b>61 - Water Systems</b>															
<b>613 - Vacuum Pumping System</b>															
623.011	Design WBS 612	01NOV07*	59	01FEB08	216			0.00	24,890.40						
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						
<b>62 - Cryogenic Systems</b>															
<b>621 - LN2-LHe Supply System</b>															
631-001	Preliminary Design	02JUL07*	65	02OCT07	252			0.00	16,392.38						
631-010	Final Design**reduced scope	03OCT07	65	11JAN08	252			0.00	18,892.61						
631-020	Procurement **reduced scope	14JAN08	88	14MAY08	252			0.00	123,340.80						
631-015	Fab/Assy/Installation**reduced scope	10MAR08	65	09JUN08	252			0.00	74,417.26						
<b>622 - LN2 Coil Cooling Supply</b>															
632-001	**deleted scope	01AUG05	0	29JUL05	1,054			0.00	0.00						
<b>623 - GN2 Cryostat Cooling System</b>															
633-001	Preliminary Design	02JUL07*	40	27AUG07	262			0.00	16,374.22						
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						
<b>63 - Utility Systems</b>															
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						
<b>64 - PFC/VV Heating &amp; Cooling*ELIMINATED*</b>															
650.001	Eliminated scope	01AUG05	0	29JUL05	1,054			0.00	0.00						
<b>65 - Facility Systems Integration</b>															
<b>Job: 6163 - Facility Systems Support FY04</b>															
65-03	LOE WBS 6	01OCT03A	250*	30SEP04A			LOE	15,000.00	15,000.00						
<b>Job: 6501 - Facility Systems Integration-DUDEK</b>															
<b>Prior Costs</b>															
6501-001	Apr-Sept MIE Cost PPPL	01APR03A	0	30SEP03A			100	9,380.00	9,380.00						



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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)	Budget (ECP-36)	Fiscal Year					
										FY05	FY06	FY07	FY08	FY09	
<b>7 - Test Cell Preparation and Machine Assy</b>															
<b>71 - Shield Wall Seismic Modifications</b>															
<b>Job: 7101 - Shield Wall Modif Design-PERRY</b>															
<b>Prior Costs</b>															
7101-000	Apr-Sept MIE Cost PPPL	01APR03A	66	30SEP03A			100	32,150.00	32,150.00						
<b>72 - Control Room Refurbishment</b>															
<b>Job: 7201 - Control Room Walls&amp;Floors-PERRY</b>															
710.001	Install Wall east side control room	01AUG05*	24	01SEP05	1,012			0.00	0.00						
711B.050	Complete Control Room Flooring	02SEP05	18	28SEP05	1,012			0.00	8,019.12						
<b>73 - Platform Design &amp; Fabrication</b>															
<b>Job: 7301 - Platform Design &amp; Fab-PERRY</b>															
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	01AUG05*	45*	30SEP05	665			0.00	22,649.66						
712.030	Miscs Hardware/Material	01JUL05A	65*	30SEP05	665		0	0.00	44,835.00						
<b>74 - Machine Assembly Planning and Oversight</b>															
<b>Job: 7401 - TC Prep &amp; Mach Assy Planning-PERRY</b>															
<b>Oversight and Supervision</b>															
711A.020	LOE FY04	01OCT03A	256*	30SEP04A			LOE	148,582.46	148,582.46						
<b>Prior Costs</b>															
7401-001	Apr-Sept MIE Cost PPPL	01APR03A	66	30SEP03A			100	164,000.00	164,000.00						
<b>Project Scope</b>															
714.010	LOE FY05	01OCT04A	249*	30SEP05	1,010		LOE	90,507.30	109,972.42						
714.020	LOE FY06 prior to assy starting	03OCT05*	436*	02JUL07	574			0.00	124,295.03						
714.030	LOE FY07 thru first plasma	02JUL07*	444*	31MAR09	131			0.00	865,203.33						
<b>FED/Infrastructure Support (non Project cost)</b>															
613.010	Remove Shield Walls ** GPP **	01APR04A	64*	22JUN04A				0.00	0.00						
613.015	Fabricate New Bottom Course of Blocks **GPP**	01APR04A	207*	31JAN05A				0.00	0.00						
613.017	Install New Bottom Course **GPP**	01AUG05*	22*	30AUG05	1,038			0.00	0.00						
613.020	Remove south PLT shielding (cc 7230)	01JUN04A	0*	22JUN04A				0.00	0.00						
613.025	Dispose of old south PLT shielding **GPP**	01AUG04A	0*	31AUG04A				0.00	0.00						
EXFAC003	Clear PBX control room & Safe PBX (cc7230)	27JAN03A	110*	30JUN03A			100	0.00	0.00						
EXFAC004	Remove Fire protection PLT wall (cc7230)	01MAY03A	21	09MAY03A			100	0.00	0.00						
EXFAC005	Remove Fire Protection under platform (cc7230)	01APR03A	21	30APR03A			100	0.00	0.00						
EXFAC006	Remove Fire Protection Control rm walls(cc7230)	01MAY03A	21	09MAY03A			100	0.00	0.00						
EXFAC007	Remove PBX Base Plates cc7230)	25FEB04A	48*	12MAR04A			100	0.00	0.00						
GPP001	GPP-Upgarde C-Site central chilled wtr plant*TBD	01OCT02A	1	01OCT02A				0.00	0.00						

Funded by GPP \*\*ECP34\*\*  
 ee/sm Edwards= 24 hrs;  
 tucker jr =36 voorhees=36

Perry=40  
 PERRY=140;messineo=300  
 em//tb mech shop =360 hrs;41=\$1k  
 PERRY=410;em//sm=25;em//tb=250  
 41=\$35k

PERRY=449;semler=176;edwards=176  
 perry=449;semler=176;edwards=176  
 perry=1851;em//sm=1851

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Forecast  
 xECP-36 Baseline  
 Progress Bar  
 Critical Activity

0507

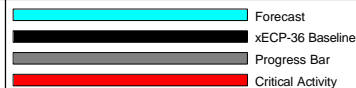
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	Fiscal Year				
										FY05	FY06	FY07	FY08	FY09
GPP004	GPP-Roofing Design	01APR04A	291	31MAY05A				0.00	0.00					
GPP004.1	GPP-Roofing Install	01MAY05A	0	31MAY05A				0.00	0.00					
GPP005	GPP-Test Cell lighting Design	01APR04A	206*	31JAN05A				0.00	0.00					
GPP005.1	GPP-Test Cell lighting Install ***TBD***	02MAY05A	0	31MAY05A				0.00	0.00					
GPP006	GPP-Test Cell HVAC/dew point control Design*TBD	01AUG05	0	29JUL05	1,054			0.00	0.00					
GPP006.1	GPP-Test Cell HVAC/dew point control InstallTBD	01AUG05*	0	29JUL05	1,054			0.00	0.00					
GPP007	GPP-C-Site elevators Design	01AUG05*	0	29JUL05	1,054			0.00	0.00					
GPP007.1	GPP-C-Site elevators Install	01AUG05	0	29JUL05	1,054			0.00	0.00					
GPP008	GPP-Fire suppression high bay design*TBD*	01AUG05	0	29JUL05	1,054			0.00	0.00					
GPP008.1	GPP-Fire suppression high bay install*TBD*	01AUG05	0	29JUL05	1,054			0.00	0.00					
GPP009	Control Room Lights & Outlets design*TBD*	01AUG05	0	29JUL05	990			0.00	0.00					
GPP009.1	Control Room Lights & Outlets install*TBD*	01AUG05	0	29JUL05	990			0.00	0.00					
GPP010	Control Room HVAC Design **TBD**	01AUG05	0	29JUL05	990			0.00	0.00					
GPP010.1	Control Room HVAC Install **TBD**	01AUG05	0	29JUL05	990			0.00	0.00					
GPP011	Control Room Ceiling Design	01AUG05*	64	28OCT05	926			0.00	0.00					
GPP011.1	Control Room Ceiling Install	31OCT05	64	07FEB06	926			0.00	0.00					
GPP012	Control Rm Fire Detection & Suppression Design	01AUG05*	0	29JUL05	926			0.00	0.00					
GPP012.1	Control RmFire Detection & Suppression Install	01AUG05	64	28OCT05	926			0.00	0.00					
<b>Test Cell Modifications &amp; Upgrades</b>														
613.030	Test Cell copper ground plane cuts	01JUL05A	44*	01SEP05	1,036	30		3,067.02	10,223.40					tucker jr,voorhees 60 each 41=\$1k
713.010	General procurements	02APR05A	128*	30SEP05	1,015	LOE		12,451.32	19,215.00					41=\$ 15 k
7502-000	Outlet Design	02FEB04A	107*	30JUN04A		100		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					
7502-003	Install 480v power in test cell	15AUG05*	34*	30SEP05	1,010			0.00	0.00					etc=\$50.4 unloaded;\$64.6 loaded
7502-004	Install 120v panels in test cell	01AUG05*	44*	30SEP05	1,010			0.00	0.00					etc=\$21.6 unloaded;\$27.67 loaded
7502-010	Ready Rooms (under control room) 110v outlets	03OCT05*	65	11JAN06	819			0.00	9,417.60					
7502-011	Cable Removal in test cell (S04335-32)	01OCT03A	0*	31OCT03A		100		9,937.20	9,937.20					
7502-025	TC Floor penetration covers	03NOV03A	42	26NOV03A		100		16,848.00	16,848.00					
EXFAC001.2	Complete Crane Modifications (S04354)	02FEB04A	0*	30JAN04A		100		37,608.48	37,608.48					
<b>75 - Test Cell and Basement Assembly Operations</b>														
<b>7501 - Construction Support Crew</b>														
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	05JAN09*	41	02MAR09	152			0.00	99,710.51					em//tb=1087 support techs (4 fte)

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Completed tasks summarized

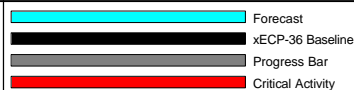
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	FY					
										FY05	FY06	FY07	FY08	FY09	
7501-07	Construction Support Crew during cryostat instl	27OCT08*	40	19DEC08	203			0.00	99,420.88						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)
<b>7502 - Test Cell Facility Preparations</b>															
7502-020	Resurface TC floor	12JAN06*	42	10MAR06	819			0.00	33,625.20						ee/tb=160; M&S=\$10k
7502-030	TC Floor firesealing	13MAR06	42	09MAY06	819			0.00	14,126.40						ee/tb=120;
7502-035	Control room firesealing	10MAY06	42	10JUL06	819			0.00	9,417.60						ee/tb=80
<b>7503 - Machine Assembly</b>															
<b>Revised Assembly Logic (ecp18)</b>															
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	27FEB08	187			0.00	0.00						
7503-120	Test movement of FPA-1& -2 & position checks.	28FEB08	5	05MAR08	187			0.00	23,050.80						EA//EM =20hr ; EM//TB =160hr ; EM//SM =40hr ;
7503-130	Install local Platforms around FPA-2	28FEB08	3	03MAR08	195			0.00	46,101.60						EA//EM =40hr ; EM//TB =320hr ; EM//SM =80hr ;
7503-150	FPA-3 Installed on support platform		0	13JUN08	115			0.00	0.00						
7503-160	Position all FPA's / Spool Pieces @ MC Interface	16JUN08	6	23JUN08	115			0.00	27,660.96						EA//EM =24hr ; EM//TB =192hr ; EM//SM =48hr ;
7503-170	FPA Metrology Checks to Assure Alignment	24JUN08	3	26JUN08	115			0.00	3,397.56						EA//EM =12hr ; EM//TB =12hr ;
7503-190	Install local Platforms around FPA-3	27JUN08	10	10JUL08	115			0.00	46,101.60						EA//EM =40hr ; EM//TB =320hr ; EM//SM =80hr ;
7503-180	MC Interfaces: shim, ream holes ,bolt together	11JUL08	15	31JUL08	115			0.00	90,404.40						EA//EM =60hr ; EM//TB =720hr ; EM//SM =120hr ;
7503-200	Mate-up and weld all VV-to-Spool interfaces	01AUG08	15	21AUG08	115			0.00	78,729.60						EM//SM =120hr ; EM//TB =720hr ;
7503-240	Bolt on preassembled pump duct	22AUG08	5	28AUG08	115			0.00	19,159.20						EM//SM =40hr ; EM//TB =160hr ;
7503-250	Begin Vac Vsl Pumpdown	29AUG08	0		122			0.00	0.00						
7503-260	PTP Pumpdown & leak check VV	29AUG08	10	11SEP08	122			0.00	52,486.40						EM//SM =80hr ; EM//TB =480hr ;
7503-210	Fit-up all TF coils	22AUG08	10	04SEP08	115			0.00	60,269.60						EA//EM =40hr ; EM//TB =480hr ; EM//SM =80hr ;
7503-270	Raise lower PF 4,5&6 coils into final position	05SEP08	6	12SEP08	115			0.00	27,660.96						EA//EM =24hr ; EM//TB =192hr ; EM//SM =48hr ;
7503-280	Install Upper PF 4,5 & 6 coils	15SEP08	6	22SEP08	115			0.00	27,660.96						EA//EM =24hr ; EM//TB =192hr ; EM//SM =48hr ;
7503-290	Install PF Solenoid into position (U/L PF1,2,3)	23SEP08	4	26SEP08	115			0.00	18,440.64						EA//EM =16hr ; EM//TB =128hr ; EM//SM =32hr ;
7503-310	Complete LN2 connections	29SEP08	10	10OCT08	125			0.00	39,419.84						EM//SM =80hr ; EM//TB =320hr ;
7503-320	Complete Elect Pwr connections	29SEP08	20	24OCT08	115			0.00	108,366.88						EM//SM =160hr ; EM//TB =960hr ;
7503-321	Complete mag diag & machine I&C	29SEP08	20	24OCT08	115			0.00	49,863.20						EM//SM =160hr ; EM//TB =320hr ;
7503-330	Begin Cryostat Installation	27OCT08	0		115			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)	Budget (ECP-36)	Year				
										FY05	FY06	FY07	FY08	FY09
<b>Prior Costs</b>														
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	78,297.93	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%				
<b>82 - Project Engineering</b>														
<b>Job: 8202 - Engr Mgmt &amp; Sys Eng Support-REIERSEN</b>														
<b>FY04 Actual Cost</b>														
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					
<b>Prior Costs</b>														
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	394,159.07	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				
8205FY05	System Engr Support FY05	01OCT04A	251*	30SEP05	1,015		LOE	163,889.66	199,622.00	simmons=1208 70%%				
8205FY06	Systems Engineering Support FY06	03OCT05*	250*	29SEP06	765			0.00	158,420.91	simmons=863 50%				
<b>Job: 8203 - Design Integration-BROWN</b>														
<b>FY04 Actual Cost</b>														
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					
<b>Prior Costs</b>														
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			143,636.40	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	01AUG05*	4	04AUG05	1,056			0.00	0.00					
8203-07	Rvw cryostat & conventional magnet sys design	01AUG05*	9	11AUG05	1,051			0.00	0.00					
8203-08	tolerance reqmnts for MCsuprt install fix dwgs	01AUG05*	39	22SEP05	1,021			0.00	0.00					

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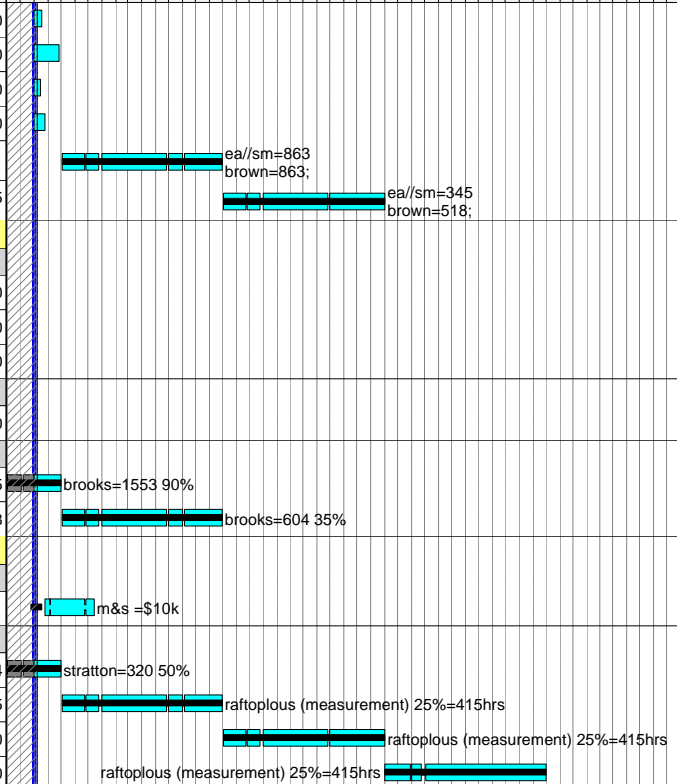
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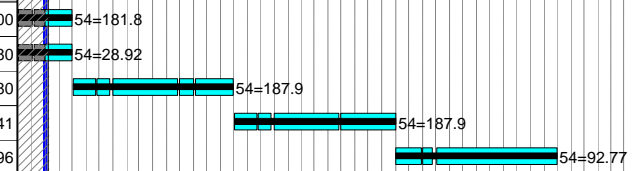
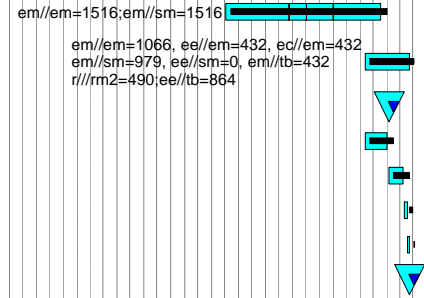
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Completed tasks summarized

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days= 1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	Fiscal Year						
										FY05	FY06	FY07	FY08	FY09		
8203-09	Machine suprt dsn f/compatibility with assy reqt	01AUG05*	12	16AUG05	1,048			0.00	0.00							
8203-10	Dynamic simul MC half period install fixt w/ Pro	01AUG05*	42	27SEP05	1,018			0.00	0.00							
8203-11	Document NCSX Interlink& dwg control process	01AUG05*	11	15AUG05	1,049			0.00	0.00							
8203-12	Update definition VV spool piece assy simul	01AUG05*	19	25AUG05	1,041			0.00	0.00							
8203FY06	Design Integration FY06	03OCT05*	250*	29SEP06	765			0.00	256,544.01							
8203FY07	Design Integration FY07	02OCT06*	252*	01OCT07	513			0.00	137,444.25							
<b>Job: 8204 - Systems Analysis-BROOKS</b>																
<b>FY04 Actual Cost</b>																
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							
<b>Prior Costs</b>																
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	210,695.90	256,633.25							
8204FY06	Systems Analysis FY06	03OCT05*	250*	29SEP06	765			0.00	110,876.28							
<b>Job: 8205 - Dimensional Control Coordination</b>																
<b>Metrology</b>																
740.135	Gary Puhl subcontract for metrology support	24AUG05	77	13DEC05	960			0.00	14,095.71							
METFY05	Dimensional control FY05 ECP24	01FEB05A	172*	30SEP05	1,015		LOE	71,326.84	96,648.84							
METFY06R	Metrology for FP & machine assy FY06	03OCT05*	250*	29SEP06	765			0.00	76,181.55							
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							
<b>84 - Project Physics</b>																
<b>Job: 8401 - Project Physcis-ZARNSTORFF</b>																
<b>FY04 Actual Cost</b>																
840.202	Project Physics/Engr Analysis FY04	01OCT03A	256*	30SEP04A			LOE	99,806.20	99,806.20							
840.203	Closeout cost FY04 ECP-21	01OCT03A	256*	30SEP04A			LOE	14,000.00	14,000.00							
<b>Prior Costs</b>																
840.201	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A			100	210,270.00	210,270.00							
<b>Job: 8402 - Project Physics MIE ORNL-LYON</b>																
<b>FY04 Actual Cost</b>																
840.302	Project Physics/Engr Analysis FY04	01OCT03A	256*	30SEP04A			LOE	60,876.00	60,876.00							
840.303	Closeout cost FY04 ECP-21	01OCT03A	256*	30SEP04A			LOE	44,000.00	44,000.00							
<b>Prior Costs</b>																
840.301	Apr-Sept MIE Cost ORNL	01APR03A	152*	30SEP03A			100	40,980.00	40,980.00							



Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float in days (21 days=1 mo.)	Shifts	PCTC	Earned value cost (BCWP)	Budget (ECP-36)	Fiscal Year				
										FY05	FY06	FY07	FY08	FY09
<b>85 - Integrated Systems Testing</b>														
920.001	Procedure and Document Preparation	02JAN08*	250	19DEC08	115			0.00	482,123.17					
920.000	Startup Personnel	13NOV08	72	20FEB09	115			0.00	706,501.81					
920.004	Begin Start-up Testing	05JAN09	0		115			0.00	0.00					
920.005	Punch list,Cmpl't PTP's,Reconfig, Rm temp Hi-pot	13NOV08	37	02JAN09	115			0.00	0.00					
920.010	Field Coil Testings,FCPC test & E-Beam Mapping	05JAN09	25	06FEB09	115			0.00	0.00					
920.020	Final ISTP	09FEB09	7	17FEB09	115			0.00	0.00					
920.021	Operations Approval	18FEB09	3	20FEB09	115			0.00	0.00					
730.9000	First Plasma		0	20FEB09	115			0.00	0.00					
M-0120	CD-4 First Plasma		0	31JUL09*	0			0.00	0.00					
<b>Allocations</b>														
<b>PPPL Allocations</b>														
<b>Job: 8998 - Allocations</b>														
<b>FY04 Actual Cost</b>														
99.04	PPPL Allocations FY04	01OCT03A	256*	30SEP04A				LOE	260,691.00	260,691.00				
<b>Prior Costs</b>														
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	248,514.24	302,697.00				
99.05P	PPPL Allocations FY05 rebaseline re-estimate	01OCT04A	251*	30SEP05	1,015			LOE	39,532.63	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				
<b>Contingency</b>														
<b>Contingency</b>														
<b>Contingency-Project</b>														
+		01SEP05	1,037	30SEP09	0				0.00	11,984,002.13				
<b>+ DCMA</b>														
		01OCT03A	256	30SEP04A					75,000.00	75,000.00				



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