

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year			
												FY07	FY08	FY09	FY10
<b>cc 9450 - NCSX Fabrication (MIE)</b>															
<b>12 - Vacuum Vessel Systems</b>															
<b>+ Job: 1201 - Vacuum Vessel Prelim Dsn-**CLOSED**</b>															
	A		01APR03A	133	07OCT03A			100	424,420.00	424,420.00	424,420.00				
<b>+ Job: 1202 - Vacuum Vessel R&amp;D **CLOSED**</b>															
	A		01APR03A	636	30SEP05A			100	1,770,181.86	1,770,181.86	1,770,181.86				
<b>+ Job: 1206 - VV Field Weld Joint R&amp;D-**CLOSED**</b>															
	A		29APR04A	359	30SEP05A			100	15,639.37	15,639.37	15,639.37				
<b>Job: 1203 - Vacuum Vessel Final Dsn-GORANSON</b>															
<b>+ Closeout PDR Design Deliverables</b>															
	A		01OCT03A	235	31AUG04A			100	34,746.30	34,746.30	34,746.30				
<b>+ PDR Recommendations</b>															
	A		01NOV03A	42	31DEC03A			100	25,738.00	25,738.00	25,738.00				
<b>+ Vacuum Vessel Vendor Selection</b>															
	A		01JUN04A	86	30SEP04A			100	5,782.20	5,782.20	5,782.20				
<b>+ FY05 Final Design Tasks</b>															
	A		01OCT03A	507	30SEP05A			100	744,133.94	744,133.94	744,133.94				
<b>Final Design Tasks</b>															
1203-802A	A	Analysis of SXR cans and spacer	03JAN06A	21*	31JAN06A			100	0.00	0.00	0.00				
1203-806	A	Establish interface reqmnts	01NOV05A	112*	17APR06A			100	6,748.00	6,748.00	6,748.00				
1203-901.5	A	ECP45 FY06 cv	01OCT05A	43	31MAR06A			LOE	91,870.00	91,870.00	91,870.00				
1203-902	A	**dummy task ECP45 ETC update hours	01APR06A	94*	14AUG06		782	LOE	36,196.27	40,488.00	40,488.00				ORNLLEM =240hr ;
1203-241	A	Check FMECA Analyses	01SEP05A	238*	14AUG06		782	95	9,654.13	10,162.25	10,140.68				ORNLLEM =40hr ; EA/EM =20hr ;
1203-271	A	Develop Assy Rqmnts spec & process	01MAY06A	74*	14AUG06		782	95	32,053.00	33,740.00	33,740.00				ornlem=200
1203-800	A	Issue VV FP Station 1 assy dwg	22SEP05A	213*	31JUL06A			100	6,729.99	6,729.99	6,725.44				ORNLLEM =40hr ;
1203-801	A	Issue VV FP final assy dwg	01NOV05A	197*	16AUG06		411	95	6,410.60	6,748.00	6,748.00				ORNLLEM =40hr ;
1203-820	A	BOM for all VV parts	03OCT05A	220*	18AUG06		778	95	4,807.95	5,061.00	5,061.00				ORNLLEM =30hr ;
<b>+ VV Personnel Access Port</b>															
	A		01OCT05A	41	30NOV05A			100	1,349.60	1,349.60	1,349.60				
<b>+ VV Heating/Cooling Tubing</b>															
	A		01OCT05A	141	27APR06A			100	20,244.00	20,244.00	20,244.00				
<b>+ VV Heater Tape</b>															
	A		02MAY05A	272	31MAY06A			100	78,444.83	78,444.83	77,971.36				
<b>VV Local I&amp;C</b>															
125-011	A	Final design WBS 125 local I&C	01MAR05A	307*	21APR06A			100	17,118.41	17,118.41	17,118.41				
125-011P	A	PDR (define rqmnts & sys architecture)		0	21APR06A			100	0.00	0.00	0.00				
125-011F	A	FDR (Define HW & SW rqmnts)		0	21APR06A			100	0.00	0.00	0.00				
125-036	A	Issue Procurement Package Local I&C WBS 125	01AUG06*	0			194		0.00	0.00	0.00				

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█	Forecast
█	zECP-50 baseline
█	Progress Bar
█	Critical Activity

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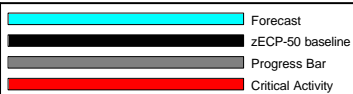
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**Progress Through July 31st 2006**

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year			
												FY07	FY08	FY09	FY10
<b>Thermal Insulation</b>															
122-011	A	Final design WBS 122 Thermal insulation	01JUN04A	501*	31MAY06A			100	111,954.42	111,954.42	109,581.56				
122-011F	A	FDR Thermal Insulation		0	31MAY06A			100	0.00	0.00	0.00				
122-050	A	Prep spec and req Blanket Thermal Insulation	01AUG06*	0			221		0.00	0.00	0.00				
123-035	A	Issue Proc Pkg for insulation boots WBS 122	01AUG06*	0			455		0.00	0.00	0.00				
122-040	A	Prep spec and req Port Thermal Insulation	01AUG06*	0			323		0.00	0.00	0.00				
122-030.0	A	Prep spec and req Pourable Insulation	01AUG06*	0			501		0.00	0.00	0.00				
<b>SXR Diagnostic VV Design</b>															
1203-810	A	resolve design pockets for soft x ray arrays	01JAN06A	0*	31JAN06A			100	9,447.20	9,447.20	9,447.20				
1203-810P	A	soft x ray array PDR		0	28FEB06A			100	0.00	0.00	0.00				
1203-810F	A	soft x ray array FDR		0	28FEB06A			100	0.00	0.00	0.00				
<b>Job:1204-VV Sys Procurements (non VVSA)-DUDEK</b>															
<b>VV Vertical Supports</b>															
124-030.0	A	Release dwg package for fab VV Vertical Supports	30SEP05A	0					0.00	0.00	0.00				
124-037A	A	Bid award Titanium Rod ends (PE6383)	01DEC05A	45	22DEC05A				0.00	0.00	0.00				
124-037B	A	Deliver Titanium Rod ends (PE6383)	22DEC05A	86*	28APR06A				0.00	0.00	0.00				
124-037C	A	Deliver Misc hardware (PE 006209)	31MAR06A	60	31MAR06A				0.00	0.00	0.00				
124-037	A	PPPL Fab VV Vert. Supports (log # M1091)	01DEC05A	207*	31OCT07		103	50	31,507.22	63,014.44	63,299.31				em//tb=768
<b>VV Lateral Supports</b>															
124-030L	A	SPEA VV Lateral Supports WBS 124	02APR07*	43	31MAY07			150	0.00	0.00	0.00				
124-036.9L	A	Award VV Lateral Supports WBS 124		0	31MAY07*			150	0.00	0.00	0.00				
124-037L	A	VV Lateral Supports Fab by PPPL WBS 124	01JUN07	60	24AUG07			150	0.00	33,288.00	33,288.00				em//tb=400
<b>VV Personnel Access Port</b>															
124-100	A	Issue req & dwg package NB port cover	02JAN07*	0			216		0.00	0.00	0.00				
124-110	A	SPEA VV NB port cover	04JUN07*	43	02AUG07			108	0.00	0.00	0.00				
124-120	A	Award VV NB port cover		0	02AUG07			108	0.00	0.00	0.00				
124-130	A	VV NB port cover Fabrication (for 3 inconnel	03AUG07	65	02NOV07			108	0.00	83,836.35	73,924.32				41=\$59.67
<b>VV Heating/Cooling Tubing</b>															
123-030	A	Issue RFQ & Select Vendor VV H/C Tubing WBS	31MAY06A	20	31MAY06A				0.00	0.00	0.00				
123-036.9	A	Award H/C Tubing WBS 123		0	31JUL06A				0.00	0.00	0.00				
123-037	A	Fabricate and Deliver H/C Tubing WBS 123	02OCT06*	20	27OCT06			152	0.00	61,695.00	61,695.00				tubing = 30; brackets=15
123-037X	A	Fabricate and Deliver Saddle/clamp hardware	02OCT06*	20	27OCT06			729	0.00	68,550.00	0.00				m&s=\$50k
<b>VV Heater Tape</b>															
122-012B	A	Issue RFQ & Select Vendor for Heater Tape	31MAY06A	20	31MAY06A			100	0.00	0.00	0.00				
122-012C	A	Award Heater Tape		0	31MAY06A			100	0.00	0.00	0.00				
122-012D	A	Fabricate and Deliver Heater Tape	31MAY06A	20	31MAY06A			100	16,452.00	16,452.00	16,452.00				
<b>VV H/C Manifolds &amp; Headers</b>															
123-130.0	A	Issue Proc Pkg for VV H/C Manifolds WBS 123	03JAN06A	0				100	0.00	0.00	0.00				

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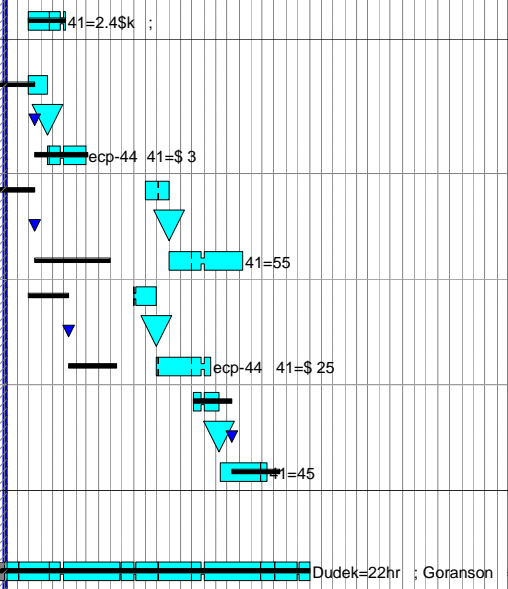
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Progress Through July 31st 2006

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year				
												FY07	FY08	FY09	FY10	
123-130	A	Issue RFQ & Select Vendor VV H/C Manifold WBS	04JAN06A	40	11JAN06A			100	0.00	0.00	0.00					
123-136.9	A	Award H/C Manifolds WBS 123 (PE006419)		0	11JAN06A			100	0.00	0.00	0.00					
123-137	A	Fabricate and Deliver H/C Manifolds WBS 123	03APR06A	42	31MAY06A			100	65,808.00	65,808.00	65,808.00					
<b>VV Local I&amp;C</b>																
125-037	A	Procurement Local I&C WBS 125	02OCT06*	60	03JAN07			151	0.00	3,290.40	3,290.40					
<b>Thermal Insulation</b>																
122-055	A	SPEA Blanket Thermal Insulation	02OCT06*	35	17NOV06			178	0.00	0.00	0.00					
122-060	A	Award Blanket Thermal Insulation		0	17NOV06			178	0.00	0.00	0.00					
122-065	A	Deliver Blanket Thermal Insulation	20NOV06	65	28FEB07			178	0.00	4,113.00	4,113.00					
123-040	A	Issue RFQ & Select Vendor insul boots WBS 122	01AUG07*	43	01OCT07			205	0.00	0.00	0.00					
123-045	A	Award Insulation Boots WBS 122		0	01OCT07			205	0.00	0.00	0.00					
123-050	A	Fabricate & Deliver Insul Boots WBS 122	02OCT07	130	11APR08			205	0.00	77,275.00	75,405.00					
122-035	A	SPEA Port Thermal Insulation	02JUL07*	43	30AUG07			94	0.00	0.00	0.00					
122-041	A	Award Port Thermal Insulation		0	30AUG07			94	0.00	0.00	0.00					
122-051	A	Deliver Port Thermal Insulation	31AUG07	89	16JAN08			94	0.00	34,933.99	34,275.00					
122-030	A	SPEA Pourable Insulation	03DEC07*	43	08FEB08			166	0.00	0.00	0.00					
122-036.9	A	Award Pourable Insulation		0	08FEB08			166	0.00	0.00	0.00					
122-037	A	Deliver Pourable Insulation	11FEB08	89	13JUN08			166	0.00	63,225.00	63,225.00					
1204-901.5	A	ECP45 FY06 cv	01OCT05A	43	31MAR06A			LOE	62,500.00	62,500.00	62,500.00					
122-031	A	Title III engr WBS 12 non vva	01FEB06A	669	30SEP08			250	8,821.96	46,431.37	46,311.29					
<b>Job: 1250 - Vacuum Vessel Fabrication-VIOLA</b>																
<b>+ Start Up/Engineering</b>																
	A		24SEP04A	477					256,750.78	256,750.78	256,750.78					
<b>+ Dies &amp; Gages</b>																
	A		20SEP04A	185	10JUN05A			100	655,640.00	655,640.00	655,640.00					
<b>+ Fixture (2) 60 degree</b>																
	A		25OCT04A	169	23JUN05A			100	0.00	0.00	0.00					
<b>+ Fixture (3) 120 degree</b>																
	A		15APR05A	76	29JUL05A			100	220,000.00	220,000.00	220,000.00					
<b>+ Panels &amp; Ports</b>																
	A		29OCT04A	321	27JAN06A			100	1,211,490.00	1,211,490.00	1,211,490.00					
<b>First 120 deg segment</b>																
VVSA-301	A	1st 60 deg segment	10JUN05A	59	12AUG05A			100	175,000.00	175,000.00	175,000.00					
VVSA-311	A	2nd 60 deg segment	23JUN05A	50	15AUG05A			100	175,000.00	175,000.00	175,000.00					
VVSA-321	A	Join two pieces	15AUG05A	35	08SEP05A			100	50,000.00	50,000.00	50,000.00					
121-135	A	S005243 #8-One VVSA fabricated		0	08SEP05A			100	0.00	0.00	0.00					
VVSA-331	A	Machine for Ports	08SEP05A	0	23SEP05A			100	95,000.00	95,000.00	95,000.00					



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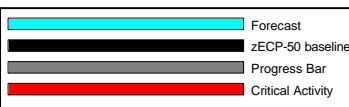
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Progress Through July 31st 2006

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year			
												FY07	FY08	FY09	FY10
VVSA-341	A	Weld Ports	03OCT05A	87	17JAN06A			100	75,000.00	75,000.00	75,000.00				
VVSA-361	A	Vacuum Test	17JAN06A	31	17FEB06A			100	60,000.00	60,000.00	60,000.00				
VVSA-371	A	Cut Off Ports	17FEB06A	11	06MAR06A			100	50,000.00	50,000.00	50,000.00				
VVSA-351	A	Final Machine	07MAR06A	0	24MAR06A			100	50,000.00	50,000.00	50,000.00				
VVSA-352	A	Tack on ports,weld on tube&block	27MAR06A	25	28APR06A			100	0.00	0.00	0.00				
VVSA-381	A	Inspect & Pack for Shipping LI#4	28APR06A	4	04MAY06A			100	23,000.00	23,000.00	23,000.00				
VVSA-391	A	Receive at PPPL	09MAY06A	0	09MAY06A			100	22,560.00	22,560.00	22,560.00				
121-150	A	S005243 #11-Receipt/Acceptance of 1st VVSA		0	09MAY06A			100	0.00	0.00	0.00				
<b>Second 120 deg segment</b>															
VVSA-401	A	60 deg segment	12AUG05A	36	09SEP05A			100	175,000.00	175,000.00	175,000.00				
VVSA-411	A	60 deg segment	26AUG05A	47	07OCT05A			100	175,000.00	175,000.00	175,000.00				
VVSA-421	A	Join two pieces	07OCT05A	51	16NOV05A			100	55,000.00	55,000.00	55,000.00				
121-140	A	S005243 #9-Second VVSA fabricated		0	16NOV05A			100	0.00	0.00	0.00				
VVSA-431	A	Machine for Ports	04JAN06A	0	19JAN06A			100	95,000.00	95,000.00	95,000.00				
VVSA-441	A	Weld Ports	20JAN06A	51	23FEB06A			100	75,000.00	75,000.00	75,000.00				
VVSA-461	A	Vacuum Test	05MAY06A	0	17MAY06A			100	60,000.00	60,000.00	60,000.00				
VVSA-471	A	Cut Off Ports	18MAY06A	24	23MAY06A			100	50,000.00	50,000.00	50,000.00				
VVSA-451	A	Final Machine	30JUN06A	22	07JUL06A			100	50,000.00	50,000.00	50,000.00				
VVSA-452	A	Tack on ports,weld on tube&block	29MAY06A	8	27JUN06A			100	0.00	0.00	0.00				
VVSA-481	A	Inspect & pack for Shipping LI#4	10JUL06A	0	27JUL06A			100	23,000.00	23,000.00	23,000.00				
VVSA-491	A	Receive at PPPL	28JUL06A	0	31JUL06A			100	22,000.00	22,000.00	22,000.00				
121-155	A	S005243 #12-Receipt /Acceptance of 2nd VVSA		0	01AUG06A			100	0.00	0.00	0.00				
<b>Third 120 deg segment</b>															
VVSA-501	A	60 deg segment	30SEP05A	88	23JAN06A			100	165,000.00	165,000.00	165,000.00				
VVSA-511	A	60 deg segment	01DEC05A	44	31JAN06A			100	165,000.00	165,000.00	165,000.00				
VVSA-521	A	Join two pieces	23JAN06A	27	10FEB06A			100	45,000.00	45,000.00	45,000.00				
121-145	A	S005243 #10-Third VVSA fabricated		0	10FEB06A			100	0.00	0.00	0.00				
VVSA-531	A	Machine for Ports	16MAR06A	32	12APR06A			100	95,000.00	95,000.00	95,000.00				
VVSA-541	A	Weld Ports	24APR06A	50	26JUN06A			100	75,000.00	75,000.00	75,000.00				
VVSA-541.1	A	rework profile	30JUN06A	22	21JUL06A			100	0.00	0.00	0.00				
VVSA-541.2	A	Lase scan, clean and weld covers	11JUL06A	0	14JUL06A			100	0.00	0.00	0.00				
VVSA-561	A	Vacuum Test	24JUL06A	11	07AUG06			325	30,000.00	60,000.00	60,000.00				
VVSA-571	A	Cut Off Ports	08AUG06	3	10AUG06			325	0.00	50,000.00	50,000.00				
VVSA-551	A	Final Machine	11AUG06	5	17AUG06			325	0.00	50,000.00	50,000.00				
VVSA-552	A	Tack on ports,weld on tube&block	18AUG06	13	05SEP06			325	0.00	0.00	0.00				
VVSA-581	A	Inspect & Pack for Shipping LI#4	06SEP06	3	08SEP06			325	0.00	23,000.00	23,000.00				
VVSA-591	A	Receive at PPPL	11SEP06	2	12SEP06			325	0.00	22,000.00	22,000.00				

48=\$375k  
 Contract Milestone Payment 375 (ref only)

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**Progress Through July 31st 2006**

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	FY						
												FY07	FY08	FY09	FY10			
121-160	A	S005243 #13-Receipt/Acceptance of 3rd VVSA		0	12SEP06		325		0.00	0.00	0.00							
121-038.1	A	All Vacuum Vessel Sections (3) Delivered		0	12SEP06		325		0.00	0.00	0.00							
<b>Ship Tooling</b>																		
VVSA-601	A	Pack Tooling for PPPL	11SEP06	1	11SEP06		785		0.00	0.00	0.00							
VVSA-611	A	PPPL Receive Tooling	03JUL06A	5*	14SEP06		785	80	388,800.00	486,000.00	486,000.00							
121-165	A	S005243 #14-Delivery of tooling,dies,fixtures		0	14SEP06*		785		0.00	0.00	0.00							
121-031	A	VVSA Title III engr	21MAY04A	63*	28FEB05A			LOE	27,753.79	27,753.79	27,753.79							
121-034	A	VVSA Title III engr	01MAR05A	152*	30SEP05A			LOE	20,460.00	20,460.00	20,460.00							
121-034.1	A	VVSA Title III engr	01OCT05A	249*	29SEP06		749	LOE	76,485.92	92,486.00	92,486.00							
121-032	A	VVSA Contract oversight FY04	21MAY04A	386*	30SEP04A			LOE	20,052.50	20,052.50	20,052.50							
121-033	A	VVSA Contract oversight FY05	01OCT04A	290*	28FEB05A			LOE	75,267.38	75,267.38	75,267.38							
121-035	A	VVSA Contract oversight FY05 & FY06	01MAR05A	365*	31JAN06A			LOE	255,723.95	255,723.95	255,723.95							
121-035.1	A	ORNL fesign support during MTM Contract	01MAR05A	152*	30SEP05A			LOE	17,360.00	17,360.00	17,360.00							
121-035.2	A	ORNL design support during MTM Contract	01OCT05A	213*	31JAN06A			LOE	22,118.90	22,118.90	22,118.90							
121-036	A	Ship vac equip from PPPL to MTM for vac testing	03OCT05A	15	31OCT05A			100	2,742.00	2,742.00	2,742.00							
121-037	A	Purchase seals and ship to MTM	25APR05A	70*	29JUL05A			100	42,447.20	42,447.20	42,447.20							
121-038	A	assist MTM testing of VVSA	17JAN06A	143*	07AUG06		317	100	12,574.34	13,030.40	13,030.40							
121-039	A	Design Seal Template	01MAR05A	20	31MAR05A			100	2,480.00	2,480.00	2,480.00							
121-141	A	Fabricate Seal Template and ship to MTM	01MAR05A	65	31MAR05A			100	4,240.11	4,240.11	4,240.11							
FY05CV-4	A	FY05 unrecoverable cost variance	01OCT04A	25*	30SEP05A			100	-49,000.00	-49,000.00	-49,000.00							
<b>13 - Conventional Coils</b>																		
<b>+ Job: 1301 - TF Design-KALISH</b>																		
	A		01APR03A	842					964,541.20	965,903.76	965,775.95							
<b>Job: 1350 TF Coil Fab Preparation-CHRZANOWSKI</b>																		
FY05CV-7	A	FY05 unrecoverable cost variance	01OCT04A	25*	30SEP05A				135,000.00	135,000.00	135,000.00							
1350-100	A	Design tooling & winding facility	01MAR05A	152*	31AUG05A			100	96,961.10	96,961.10	96,961.10							
1350-500	A	Recondition turnkng fixture	21MAR05A	88*	30JUN05A			100	33,232.20	33,232.20	33,232.20							
1350-600	A	Build Cleanroom	28MAR05A	174*	30NOV05A			100	45,265.84	45,265.84	45,265.84							
1350-605	A	Install winding table	01JUN05A	50*	30JUN05A			100	24,655.80	24,655.80	24,655.80							
1350-610	A	Setup copper delivery system	03OCT05A	15	31OCT05A			100	11,240.32	11,240.32	11,240.32							
1350-615	A	Install taping machine	01OCT05A	15	31OCT05A			100	11,240.32	11,240.32	11,240.32							
1350-100.1	A	Design tooling & winding facility*CANCELLED*	03OCT05A	88*	31MAR06A			100	46,614.85	46,614.85	46,614.85							

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year				
												FY07	FY08	FY09	FY10	
1350-505	A	Winding Clamps	02MAY05A	174*	23DEC05A			100	21,766.78	21,766.78	21,766.78					
1350-510	A	Taping Machine Conditioning*CANCELLED*	01DEC05A	6	31MAR06A			100	24,976.48	24,976.48	24,976.48					
1350-515	A	Winding mandrel*CANCELLED*	01JUL05A	131*	31MAR06A			100	10,128.37	10,128.37	10,128.37					
1350-520	A	Misc tools & equip*CANCELLED*	08SEP05A	103*	31MAR06A			100	32,417.45	32,417.45	32,417.45					
1351-089	A	Fixtures	03OCT05A	163*	31MAR06A			100	8,795.52	8,795.52	8,795.52					
1350-620	A	Complete setup of facility *CANCELLED*		0	31MAR06A			N/A	0.00	0.00	0.00					
1350-525	A	TF mold (2) *CANCELLED*	31MAR06A	44	31MAR06A			N/A	0.00	0.00	0.00					
1351-080	A	Design Assy Fixture*CANCELLED*	31MAR06A	20	31MAR06A			N/A	0.00	0.00	0.00					
1351-086	A	Fab/Assemble Fixture*CANCELLED*	31MAR06A	19	31MAR06A			N/A	0.00	0.00	0.00					
1351-088	A	Setup Wedge Casting Fixture & test*CANCELLED*	31MAR06A	5	31MAR06A			N/A	0.00	0.00	0.00					
13ECP44-04	A	ECP45 FY06 cv	03OCT05A	2	31MAR06A			100	44,720.00	44,720.00	44,720.00					
1351-090	A	PPPL Fab TF Coil Lift Beam (M1098)	02OCT06*	43	01DEC06		706		0.00	13,315.20	13,315.20					em/tb=160

**Job: 1351 - TF Coil Fabr Supplies-KALISH**

**TF Materials & Supplies**

FY05CV-8	A	FY05 unrecoverable cost variance	01OCT04A	25*	30SEP05A				14,000.00	14,000.00	14,000.00					
1301FD-72	A	TF Conductor Procurement Package approved	31MAY05A	5	31MAY05A			100	0.00	0.00	0.00					
1301FD-74	A	Prepare & issue TF Conductor RFP	31MAY05A	23*	03JUN05A			100	0.00	0.00	0.00					
1301FD-76	A	Evaluate bids and award TF conductor	06JUN05A	0*	30JUN05A			100	0.00	0.00	0.00					
1301FD-77	A	Award TF conductor		0	30JUN05A			100	0.00	0.00	0.00					
1301FD-78	A	TF Wedge Plate procurement package approved	29JUL05A	5	29JUL05A			100	0.00	0.00	0.00					
1301FD-80	A	Prepare and Issue TF Wedge Plate RFP	12AUG05A	5	18AUG05A			100	0.00	0.00	0.00					
1351-529	A	Coil Supplies- Deliver Copper Conductor(PE005935)	01JUL05A	123*	23DEC05A			100	133,864.50	133,864.50	133,864.50					
1351-531	A	Coil Supplies- G-11 fillers (PE006162)	03JAN06A	29*	31JAN06A			100	89,115.00	89,115.00	89,115.00					
1351-533	A	Lead spur material	03SEP05A	206*	31MAR06A			100	32,025.00	32,025.00	32,025.00					
1351-525	A	Coil Supplies- Insulation (PE6299)	03JAN06A	128*	30JUN06A			100	109,680.00	109,680.00	109,680.00					in & s=\$80k
1351-534	A	PPPL Fabricate Lead Spurs (M1319)	01MAY06A	87*	31AUG06		769	68	18,468.47	27,159.52	26,996.64					em/tb=248; ea//em =40
13ECP44-05	A	ECP45 FY06 cv	03OCT05A	2	31MAR06A				63,960.00	63,960.00	63,960.00					

**Job: 1361 - TF Fabrication-KALISH**

**TF Title III and Fabrication Oversight**

131-031	A	Title III engr	10OCT05A	182*	28APR06A			LOE	50,809.85	50,809.85	50,809.85					
131-032	A	Title III engr	01MAY06A	354*	26SEP07			502	LOE	48,998.94	270,712.38	270,712.38				Kalish=1432 travel=\$10k

**TF Fabrication Contract**

1361C-001	A	Contract Awarded	28APR06A	0					0.00	0.00	0.00					
1361C-005	A	Tooling	28APR06A	134*	01NOV06			751	LOE	127,742.93	255,485.85	255,485.85				41=\$186,345
1361C-007	A	Wedge Material (1)	01AUG06*	65	30OCT06			753	0	0.00	248,493.75	248,493.75				41=\$181,250
1361C-009	A	Tooling (Climax)	02OCT06*	11*	16OCT06			763		0.00	75,000.00	75,000.00				48=\$75

Run Date 14SEP06 15:42

	Forecast
	zECP-50 baseline
	Progress Bar
	Critical Activity

ETCA

**NCSX  
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**Progress Through July 31st 2006**

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	FY					
												FY07	FY08	FY09	FY10		
1361C-010	A	Wedge Material (2)	29SEP06	271*	18OCT07		503	0	0.00	230,384.11	230,384.11						
1361C-101	A	Fab, Test & Deliver Coil #1	14NOV06	64*	12FEB07		679		0.00	47,210.00	47,210.00						
1361C-102	A	Fab, Test & Deliver Coil #2	02JAN07	36*	20FEB07		673		0.00	47,210.00	47,210.00						
1361C-103	A	Fab, Test & Deliver Coil #3	15JAN07	31*	26FEB07		669		0.00	47,210.00	47,210.00						
1361C-104	A	Fab, Test & Deliver Coil #4	19FEB07*	15	09MAR07		225		0.00	47,210.00	47,210.00						
1361C-105	A	Fab, Test & Deliver Coil #5	12MAR07*	12	27MAR07		225		0.00	47,210.00	47,210.00						
1361C-106	A	Fab, Test & Deliver Coil #6	28MAR07*	12	12APR07		225		0.00	47,210.00	47,210.00						
1361C-107	A	Fab, Test & Deliver Coil #7	13APR07*	12	30APR07		225		0.00	47,210.00	47,210.00						
1361C-108	A	Fab, Test & Deliver Coil #8	01MAY07*	12	16MAY07		225		0.00	47,210.00	47,210.00						
1361C-109	A	Fab, Test & Deliver Coil #9	17MAY07*	12	04JUN07		225		0.00	47,210.00	47,210.00						
1361C-110	A	Fab, Test & Deliver Coil #10	05JUN07*	12	20JUN07		225		0.00	47,210.00	47,210.00						
1361C-111	A	Fab, Test & Deliver Coil #11	21JUN07*	12	09JUL07		225		0.00	47,210.00	47,210.00						
1361C-112	A	Fab, Test & Deliver Coil #12	10JUL07*	12	25JUL07		225		0.00	47,210.00	47,210.00						
1361C-113	A	Fab, Test & Deliver Coil #13	26JUL07*	12	10AUG07		225		0.00	47,210.00	47,210.00						
1361C-114	A	Fab, Test & Deliver Coil #14	13AUG07*	12	28AUG07		225		0.00	47,210.00	47,210.00						
1361C-115	A	Fab, Test & Deliver Coil #15	29AUG07*	12	14SEP07		225		0.00	47,220.00	47,220.00						
1361C-116	A	Fab, Test & Deliver Coil #16	17SEP07*	12	02OCT07		225		0.00	47,220.00	47,220.00						
1361C-117	A	Fab, Test & Deliver Coil #17	03OCT07*	12	18OCT07		225		0.00	47,220.00	47,220.00						
1361C-118	A	Fab, Test & Deliver Coil #18	19OCT07*	12	05NOV07		225		0.00	47,220.00	47,220.00						
1351-195X	A	ALL TF COILS DELIVERED		0	05NOV07		225		0.00	0.00	0.00						
												<p>ALL TF COILS DELIVERED DOE LEVEL 2 MILESTONE PEP DATE = AUGUST 2008</p>					
<b>TF Fabrication (Everson internal schedule)</b>																	
ET-01	A	PO Award	01MAY06A	1	01MAY06A				0.00	0.00	0.00						
ET-02	A	Bending Test Program	22MAY06A	55*	04AUG06		814		0.00	0.00	0.00						
ET-03	A	Wedge Design Development	02MAY06A	25	05JUN06A				0.00	0.00	0.00						
ET-04	A	Wedge Programming & Inspection	04SEP06*	15	22SEP06		779		0.00	0.00	0.00						
ET-05	A	Brazing Fixture Design	26JUN06A	15	14JUL06A				0.00	0.00	0.00						
ET-06	A	Brazing Fixture Review	17JUL06A	5	21JUL06A				0.00	0.00	0.00						
ET-07	A	Brazing Fixture Finalize	24JUL06A	4	27JUL06A				0.00	0.00	0.00						
ET-08	A	Brazing Fixture Procurement	28JUL06A	11*	11AUG06		809		0.00	0.00	0.00						
ET-09	A	Brazing Head Procurement	17JUL06A	20*	11AUG06		809		0.00	0.00	0.00						
ET-10	A	Winding Fixture Design	26JUN06A	10	07JUL06A				0.00	0.00	0.00						
ET-11	A	Winding Fixture Review	10JUL06A	5	14JUL06A				0.00	0.00	0.00						
ET-12	A	Winding Fixture Finalize	17JUL06A	3	19JUL06A				0.00	0.00	0.00						
ET-13	A	Winding Fixture Procurement	20JUL06A	45*	20SEP06		781		0.00	0.00	0.00						
ET-14	A	Mold Fixture Design	26JUN06A	10	07JUL06A				0.00	0.00	0.00						

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year			
												FY07	FY08	FY09	FY10
ET-15	A	Mold Fixture Review	10JUL06A	5	14JUL06A				0.00	0.00	0.00				
ET-16	A	Mold Fixture Finalize	17JUL06A	3	19JUL06A				0.00	0.00	0.00				
ET-17	A	Mold Fixture Procurement	20JUL06A	65*	18OCT06		761		0.00	0.00	0.00				
ET-18	A	Lifting Fixture Design	26JUN06A	10	07JUL06A				0.00	0.00	0.00				
ET-19	A	Lifting Fixture Review	10JUL06A	5	14JUL06A				0.00	0.00	0.00				
ET-20	A	Lifting Fixture Finalize	17JUL06A	3	19JUL06A				0.00	0.00	0.00				
ET-21	A	Lifting Fixture Procurement	20JUL06A	20*	16AUG06		806		0.00	0.00	0.00				
ET-22	A	Offset Fixture Design	14AUG06*	10	25AUG06		774		0.00	0.00	0.00				
ET-23	A	Offset Fixture Review	28AUG06	5	01SEP06		774		0.00	0.00	0.00				
ET-24	A	Offset Fixture Finalize	04SEP06	5	08SEP06		774		0.00	0.00	0.00				
ET-25	A	Offset Fixture Procurement	11SEP06	15	29SEP06		774		0.00	0.00	0.00				
ET-26	A	Wedge Milling Fixture Design	01AUG06	19	25AUG06		761		0.00	0.00	0.00				
ET-27	A	Wedge Milling Fixture Review	28AUG06	4	31AUG06		761		0.00	0.00	0.00				
ET-28	A	Wedge Milling Fixture Finalize	01SEP06	4	06SEP06		761		0.00	0.00	0.00				
ET-29	A	Wedge Milling Fixture Procurement	07SEP06	30	18OCT06		761		0.00	0.00	0.00				
ET-30	A	Wedge Milling Inspection Fixture Design	28AUG06*	5	01SEP06		765		0.00	0.00	0.00				
ET-31	A	Wedge Milling Inspection Fixture Review	04SEP06	5	08SEP06		765		0.00	0.00	0.00				
ET-32	A	Wedge Milling Inspection Fixture Finalize	11SEP06	3	13SEP06		765		0.00	0.00	0.00				
ET-33	A	Wedge Milling Inspection Fixture Procure	14SEP06	21	12OCT06		765		0.00	0.00	0.00				
ET-34	A	Shipping Fixture Design	11SEP06*	5	15SEP06		751		0.00	0.00	0.00				
ET-35	A	Shipping Fixture Review	18SEP06	5	22SEP06		751		0.00	0.00	0.00				
ET-36	A	Shipping Fixture Finalize	25SEP06	3	27SEP06		751		0.00	0.00	0.00				
ET-37	A	Shipping Fixture Procurement	28SEP06	25	01NOV06		751		0.00	0.00	0.00				
ET-38	A	Shipping Container Design	05SEP06*	4	08SEP06		751		0.00	0.00	0.00				
ET-39	A	Shipping Container Review	11SEP06	5	15SEP06		751		0.00	0.00	0.00				
ET-40	A	Shipping Container Finalize	18SEP06	3	20SEP06		751		0.00	0.00	0.00				
ET-41	A	Shipping Container Procurement	21SEP06	30	01NOV06		751		0.00	0.00	0.00				
ET-44	A	Develop Brazing Process Spec	21AUG06*	20	15SEP06		769		0.00	0.00	0.00				
ET-45	A	Brazing Technician Qualification	18SEP06	15	06OCT06		769		0.00	0.00	0.00				
ET-46	A	MPO/Traveler Development	18SEP06*	20	13OCT06		719		0.00	0.00	0.00				
ET-47	A	MPO PPPL Review & Approval	16OCT06	20	10NOV06		719		0.00	0.00	0.00				
ET-48	A	Clean Room Construction	24JUL06A	30*	01SEP06		774		0.00	0.00	0.00				
ET-49	A	Equipment Set-up	04SEP06	20	29SEP06		774		0.00	0.00	0.00				
ET-50	A	Test Wind 1 Layer of Conductor	02OCT06*	10	13OCT06		764		0.00	0.00	0.00				
ET-51	A	SS Casting Ingots	29SEP06*	1	29SEP06		774		0.00	0.00	0.00				
ET-52	A	1st off pair castings, rough machined	08DEC06*	1	08DEC06		683		0.00	0.00	0.00				
ET-53	A	Final Machining	11DEC06	7	19DEC06		683		0.00	0.00	0.00				

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 Forecast  
 zECP-50 baseline  
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**PLAN 9/14/06**

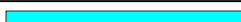



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**Progress Through July 31st 2006**



Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	FY			
												FY07	FY08	FY09	FY10
ET-54	A	Mechanical Inspection	20DEC06	2	21DEC06		683		0.00	0.00	0.00				
ET-55	A	Measure Permeability, Pack & Ship	22DEC06	1	22DEC06		683		0.00	0.00	0.00				
ET-56	A	Receive Wedges for Coil #1	25DEC06	1	25DEC06		683		0.00	0.00	0.00				
ET-57	A	Batch #1 Castings (4), rough machined	22DEC06	1	22DEC06		695		0.00	0.00	0.00				
ET-58	A	Final Machining	02JAN07*	10	15JAN07		690		0.00	0.00	0.00				
ET-59	A	Mechanical Inspection	16JAN07	2	17JAN07		690		0.00	0.00	0.00				
ET-60	A	Measure Permeability, Pack & Ship	18JAN07	2	19JAN07		690		0.00	0.00	0.00				
ET-61	A	Receive Wedges for Coil #2 & Coil #3	22JAN07	5	26JAN07		690		0.00	0.00	0.00				
ET-62	A	Start Winding 1st Article Coil	13NOV06	1	13NOV06		719		0.00	0.00	0.00				
ET-63	A	Coil #1 Winding	14NOV06	9	24NOV06		719		0.00	0.00	0.00				
ET-64	A	Coil #1 Ground Insulation	27NOV06	5	01DEC06		719		0.00	0.00	0.00				
ET-65	A	Coil #1 VPI	04DEC06	5	08DEC06		719		0.00	0.00	0.00				
ET-66	A	Coil #1 Cold Test to VPI Coil Only	11DEC06	5	15DEC06		719		0.00	0.00	0.00				
ET-67	A	Coil #1 Wedge-to-Coil VPI	02JAN07*	5	08JAN07		679		0.00	0.00	0.00				
ET-68	A	Coil #1 Wedge Machining	09JAN07	5	15JAN07		679		0.00	0.00	0.00				
ET-69	A	Coil #1 Final Inspection	16JAN07	7	24JAN07		679		0.00	0.00	0.00				
ET-70	A	Coil #1 LN2 Testing	25JAN07	5	31JAN07		679		0.00	0.00	0.00				
ET-71	A	Coil #1 Shipping	01FEB07	3	05FEB07		679		0.00	0.00	0.00				
ET-72	A	1st Article Coil Review	06FEB07	5	12FEB07		679		0.00	0.00	0.00				
ET-73	A	Coil #2 Winding	02JAN07*	9	12JAN07		673		0.00	0.00	0.00				
ET-74	A	Coil #2 Ground Insulation	15JAN07	5	19JAN07		673		0.00	0.00	0.00				
ET-75	A	Coil #2 VPI	22JAN07	5	26JAN07		673		0.00	0.00	0.00				
ET-76	A	Coil #2 Wedge-to-Coil VPI	29JAN07	5	02FEB07		673		0.00	0.00	0.00				
ET-77	A	Coil #2 Wedge Machining	05FEB07	5	09FEB07		673		0.00	0.00	0.00				
ET-78	A	Coil #2 Final Inspection	12FEB07	5	16FEB07		673		0.00	0.00	0.00				
ET-79	A	Coil #2 Shipping	19FEB07	2	20FEB07		673		0.00	0.00	0.00				
ET-80	A	Coil #3 Winding	15JAN07*	7	23JAN07		669		0.00	0.00	0.00				
ET-81	A	Coil #3 Ground Insulation	24JAN07	4	29JAN07		669		0.00	0.00	0.00				
ET-82	A	Coil #3 VPI	30JAN07	5	05FEB07		669		0.00	0.00	0.00				
ET-83	A	Coil #3 Wedge-to-Coil VPI	06FEB07	5	12FEB07		669		0.00	0.00	0.00				
ET-84	A	Coil #3 Wedge Machining	13FEB07	4	16FEB07		669		0.00	0.00	0.00				
ET-85	A	Coil #3 Final Inspection	19FEB07	4	22FEB07		669		0.00	0.00	0.00				
ET-86	A	Coil #3 Shipping	23FEB07	2	26FEB07		669		0.00	0.00	0.00				
13ECP44-06	A	ECP45 FY06 cv	03OCT05A	2	31MAR06A				37,220.00	37,220.00	37,220.00				

Run Date 14SEP06 15:42

 Forecast  
 zECP-50 baseline  
 Progress Bar  
 Critical Activity

ETCA

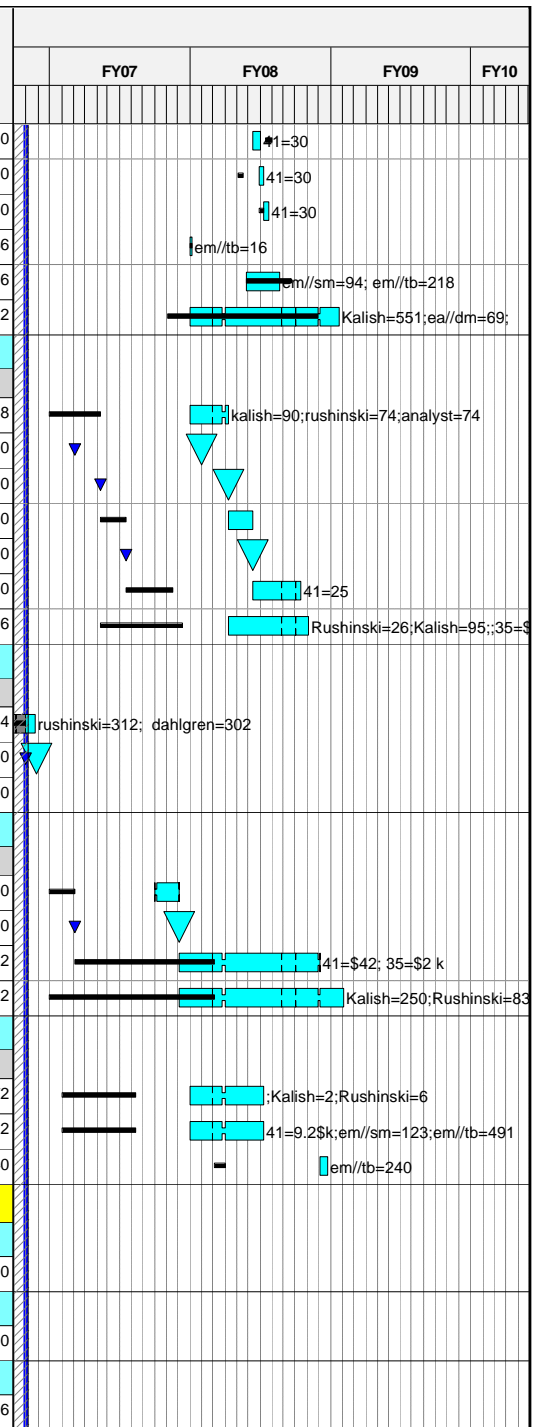
**NCSX**  
**PROJECT ETC UPDATED**  
**PLAN 9/14/06**

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*Progress Through July 31st 2006*

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	FY			
												FY07	FY08	FY09	FY10
<b>Job: 1302 - PF Design -KALISH</b>															
1302-PF	A	Start PF Preliminary Design**ON HOLD UNTIL FY06*	01MAR05A	145	30SEP05A			100	7,601.50	7,601.50	7,601.50				
1302-PFX	A	Start Preliminary Design	01FEB06A	64*	28APR06A			100	13,524.47	13,524.47	13,524.47				
13ECP44-02	A	ECP45 FY06 cv	03OCT05A	2	31MAR06A				-6,900.00	-6,900.00	-6,900.00				
1302-200	A	Complete PF Coil SRD	01DEC06*	10	14DEC06			270	0.00	1,778.60	1,778.60				
1302-205	A	Update PF Analysis	15DEC06	20	19JAN07			270	0.00	14,584.52	14,584.52				
1302-210	A	PF Coil ICD	15DEC06	10	05JAN07			290	0.00	1,778.60	1,778.60				
1302-215	A	Complete PDR PF Dwgs	22JAN07	10	02FEB07			270	0.00	8,893.00	8,893.00				
1302-220	A	Prepare for PDR	22JAN07	5	26JAN07			275	0.00	11,383.04	11,383.04				
1302-225	A	PDR	05FEB07	1	05FEB07			270	0.00	4,268.64	4,268.64				
1302-230	A	Prepare PF Procurement Coil Spec	06FEB07	20	05MAR07			270	0.00	5,869.38	5,869.38				
1302-235	A	Detail Drawings PF4	06FEB07	10	19FEB07			275	0.00	7,114.40	7,114.40				
1302-240	A	Disposition PDR Chits	06FEB07	20	05MAR07			285	0.00	5,869.38	5,869.38				
1302-245	A	Detail Drawings PF5	20FEB07	10	05MAR07			275	0.00	7,114.40	7,114.40				
1302-250	A	PF Stress analysis with leads	06FEB07	15	26FEB07			290	0.00	16,896.70	16,896.70				
1302-255	A	Review PF Coil Procurement Spec	06MAR07	15	26MAR07			270	0.00	3,557.20	3,557.20				
1302-260	A	Detail Drawings PF6	06MAR07	10	19MAR07			275	0.00	7,114.40	7,114.40				
1302-265	A	Prepare for FDR	27MAR07	5	02APR07			270	0.00	11,738.76	11,738.76				
1302-270	A	PF FDR	03APR07	1	03APR07			270	0.00	4,268.64	4,268.64				
1302-275	A	Resolve Chits	04APR07	10	17APR07			270	0.00	13,339.50	13,339.50				
133-010	A	Design WBS 134 Conv Coil I&C**ON HOLD UNTIL	01MAR05A	316*	31OCT06			438	10	1,360.92	13,609.18	13,608.18			
FY05CV-6	A	FY05 unrecoverable cost variance	01OCT04A	25*	30SEP05A			100		-22,000.00	-22,000.00	-22,000.00			
<b>Job: 1352 - PF Coil Procurement-KALISH</b>															
<b>PF Coil Fabrication</b>															
141-035	A	Bid & Award PF Coils	01OCT07*	45	04DEC07			155	0.00	0.00	0.00				
141-036	A	PF Coils Awarded		0	04DEC07			155	0.00	0.00	0.00				
1352-100	A	Material & leads	05DEC07	75	27MAR08			155	0.00	227,610.00	227,610.00				
1352-120	A	Tooling for PF 6	05DEC07	25	17JAN08			155	0.00	56,200.00	56,200.00				
1352-115	A	Tooling for PF 5	18JAN08	25	21FEB08			155	0.00	56,200.00	56,200.00				
1352-110	A	Tooling for PF 4	22FEB08*	25	27MAR08			155	0.00	56,200.00	56,200.00				
1352-105	A	Tooling for PF 1,2 and 3 NOT REQ'D USE PF1a	18JAN08	30	28FEB08			400	0.00	0.00	0.00				
1352-150	A	Fabricate/Dlvr PF 6 lower	18JAN08	15	07FEB08			200	0.00	42,150.00	42,150.00				
1352-165	A	Fabricate/Dlvr PF 6 upper	08FEB08	15	28FEB08			247	0.00	42,150.00	42,150.00				
1352-145	A	Fabricate/Dlvr PF 5 lower	22FEB08	15	13MAR08			175	0.00	42,150.00	42,150.00				

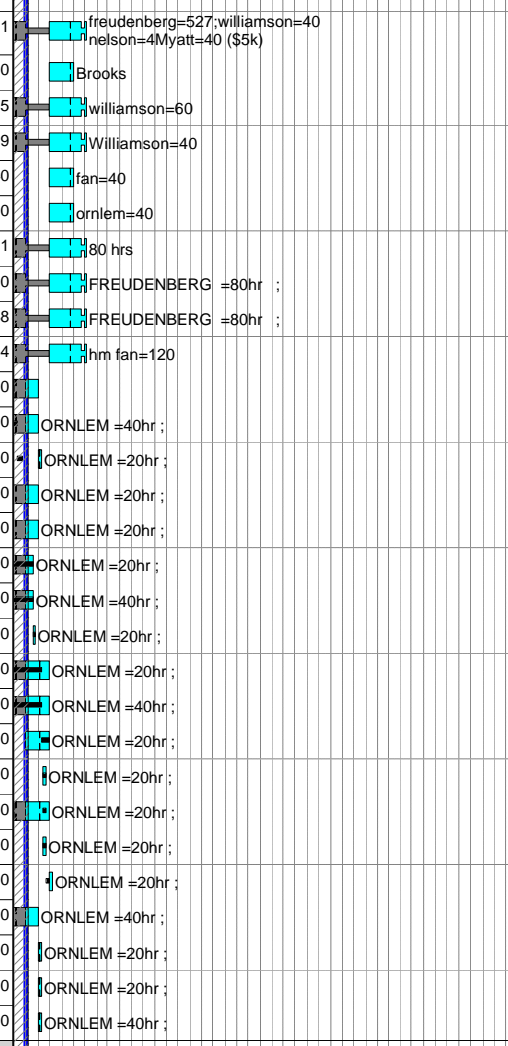
Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year					
												FY07	FY08	FY09	FY10		
1352-160	A	Fabricate/Dlvr PF 5 upper	14MAR08	15	03APR08		222		0.00	42,150.00	42,150.00						
1352-140	A	Fabricate/Dlvr PF 4 lower	28MAR08	10	10APR08		155		0.00	42,150.00	42,150.00						
1352-155	A	Fabricate/Dlvr PF 4 upper	11APR08	10	24APR08		207		0.00	42,150.00	42,150.00						
1352-135X	A	Refurbish NSTX PF1a	01OCT07*	5	05OCT07		333		0.00	1,367.36	1,367.36						
722.010	A	PF Coil receipt inspect/test (formerly wbs 183)	25FEB08*	65	23MAY08		339		0.00	31,275.16	31,275.16						
141-031	A	Title III engr WBS 132	01OCT07*	268	24OCT08		232		0.00	113,758.94	112,810.82						
<b>Job: 1354 - Trim Coil Design &amp; Procurement-KALISH</b>																	
<b>Trim Coils</b>																	
1303-TRIM	B	Trim Coil Design	01OCT07*	65	10JAN08		160		0.00	43,470.70	42,330.68						
1303-136	B	Trim Coil PDR		0	29OCT07		169		0.00	0.00	0.00						
1303-137	B	Trim Coil FDR		0	10JAN08		160		0.00	0.00	0.00						
184-035	B	Bid & Award Ext Trim Coils	11JAN08	45	13MAR08		160		0.00	0.00	0.00						
184-036	B	Award External Trim Coils		0	13MAR08		160		0.00	0.00	0.00						
184-037	B	External Trim Coil Procurement/Fab*ecp16	14MAR08	87	16JUL08		160		0.00	35,125.00	34,275.00						
184-015	B	Title III WBS 133 Rxt Trim Coils	11JAN08	147	06AUG08		288		0.00	27,479.65	26,834.06						
<b>Job: 1303 - Central Solenoid Support Dsn-DAHLGREN</b>																	
1303-110	A	CS Support Design& analysis	03JAN06A	167*	25AUG06		317	90	96,359.62	106,872.84	106,872.84						
1303-115	A	CS Support FDR		0	29AUG06*		315		0.00	0.00	0.00						
13ECP44-03	A	ECP45 FY06 cv	03OCT05A	2	31MAR06A				10,010.00	10,010.00	10,010.00						
<b>Job: 1353 - CS Structure Procurement-KALISH</b>																	
<b>CS Support Structure</b>																	
163-035	A	Bid & Award CS Support Struct	02JUL07*	45	04SEP07		107		0.00	0.00	0.00						
163-036.9	A	Award CS Support Structure		0	04SEP07		107		0.00	0.00	0.00						
163-037	A	CS Support Structure Procurement/Fab	05SEP07*	249	03SEP08		107		0.00	62,489.59	61,390.02						
163-015	A	Title III design CS sprt struc	05SEP07	294	05NOV08		224		0.00	61,089.66	59,471.52						
<b>Job: 1355 - WBS 13 I&amp;C Proc &amp; Coil Assy-KALISH</b>																	
<b>TF/PF Loacl I&amp;C</b>																	
133-015	A	Title III WBS 134 Conv Coil I&C	01OCT07*	130	10APR08		370		0.00	1,461.20	1,141.72						
133-037	A	Conv Coil I&C WBS 134 Proc & Install	01OCT07*	130	10APR08		211		0.00	71,432.82	69,587.22						
1355-100	A	CS and PF 1a Pre-Assy incl coil I&C procurement	04SEP08	15	24SEP08		107		0.00	20,510.40	20,510.40						
<b>14 - Modular Coils</b>																	
<b>+ Job: 1401 - Mod Coil Prel.Dsn**CLOSED**</b>																	
	A		01APR03A	636	30SEP05A		100		304,040.00	304,040.00	304,040.00						
<b>+ Job: 1402 - Mod.Coil Analyses**CLOSED**</b>																	
	A		01APR03A	636	30SEP05A		100		239,140.00	239,140.00	239,140.00						
<b>+ Job:1404-MCWF R&amp;D &amp; 1st Prod Casting**CLOSED**</b>																	
	A		01APR03A	636	30SEP05A		100		2,543,518.06	2,543,518.06	2,543,518.06						



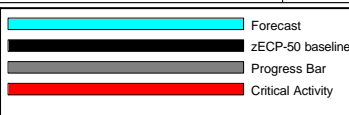
Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year			
												FY07	FY08	FY09	FY10
<b>+ Job: 1413 -MCWF Fracture Analysis-**CLOSED**</b>															
	A		01OCT04A	372	30MAR06A			100	27,819.40	27,819.40	27,819.40				
<b>+ Job: 1405-Mod Coil Winding R&amp;D Prep-**CLOSED**</b>															
	A		01APR03A	636	30SEP05A			100	168,070.00	168,070.00	168,070.00				
<b>+ Job: 1407 -Mod Coil Winding Facility-**CLOSED**</b>															
	A		01APR03A	757	30MAR06A			100	2,571,373.12	2,571,373.12	2,571,373.12				
<b>+ Job: 1412 - Complete Winding Facilities-*CLOSED*</b>															
	A		01OCT04A	372	30MAR06A			100	540,996.88	540,996.88	540,996.88				
<b>+ Job: 1406 - Mod. Coil Winding R&amp;D-**CLOSED**</b>															
	A		01APR03A	757	30MAR06A			100	2,263,568.41	2,263,568.41	2,263,568.41				
<b>+ Job: 1410 MC Twisted Racetrack Fabr-**CLOSED**</b>															
	A		01OCT04A	372	30MAR06A			100	1,049,971.32	1,049,971.32	1,049,971.32				
<b>+ Job: 1409 - Coil Test Stand-GETTELFINGER*CLOSED*</b>															
	A		20OCT03A	700	31JUL06A			100	825,941.31	825,941.31	825,941.31				
<b>+ Job: 1414 Coil Testing-Gettelfinger**CLOSED**</b>															
	A		01OCT04A	457	31JUL06A			100	674,833.26	674,833.26	674,833.26				
<b>+ Job: 1415 Dim Cntrl Testing-RAFTOPOLOUS*CLOSED**</b>															
	A		01OCT04A	251	30SEP05A			100	23,850.00	23,850.00	23,850.00				
<b>+ Job: 1419-Winding Fac. Mods-CHRZANOWSKI*CLOSED*</b>															
	A		01OCT04A	372	30MAR06A			100	55,210.00	55,210.00	55,210.00				
<b>Job: 1403 - Modular Coil Final Design-WILLIAMSON</b>															
<b>+ PDR/PBR Prep</b>															
	A		01OCT03A	61	24DEC03A			100	18,016.60	18,016.60	18,016.60				
<b>+ Requirements/Config and Interfaces</b>															
	A		15OCT03A	160	28MAY04A			100	46,457.09	46,457.09	46,457.09				
<b>+ Analysis - Thermal &amp; Electrical</b>															
	A		15OCT03A	152	18MAY04A			100	39,639.40	39,639.40	39,639.40				
<b>+ Analysis - Structural</b>															
	A		15OCT03A	152	18MAY04A			100	367,160.37	367,160.37	367,160.37				
<b>+ Winding Form FDR Prep</b>															
	A		15OCT03A	236	16SEP04A			100	383,223.24	383,223.24	383,223.24				
<b>+ MCWF Procurement</b>															
	A		01JUN04A	86	30SEP04A			100	45,223.48	45,223.48	45,223.48				
<b>+ Coil-to-coil Interface Design</b>															
	A		15OCT03A	246	30SEP04A			100	91,408.51	91,408.51	91,408.51				
<b>+ MCWF &amp; Winding Analysis/Testing</b>															
	A		02FEB04A	400	31AUG05A			100	656,902.73	656,902.73	656,902.73				
<b>+ Winding and Assembly Design-Type C</b>															
	A		01JAN04A	442	30SEP05A			100	267,656.11	267,656.11	267,656.11				

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year				
												FY07	FY08	FY09	FY10	
<b>+ Twisted Racetrack Design (Williamson)</b>																
	A		01OCT03A	455	29JUL05A			100	376,539.25	376,539.25	376,539.25					
<b>+ Prior Costs</b>																
	A		01OCT04A	251	30SEP05A			100	564,400.00	564,400.00	564,400.00					
<b>Type C Design Closeout</b>																
1403-203C	A	Finish Clamp Dwgs (5)-Type C	01MAR05A	193*	30NOV05A			100	15,791.04	15,791.04	15,791.04					
1403-506	A	Chill plate dwgs approved for fabrication		0*	30NOV05A			100	0.00	0.00	0.00					
1403-510	A	Clamp and assy dwgs approved for fabrication	30NOV05A	0*	30NOV05A			100	0.00	0.00	0.00					
1403-59	A	Type-C product specifications	02MAY05A	160*	30NOV05A			100	6,350.79	6,350.79	6,350.79					
1403-70.05	A	Update MIT/QA Plans for Type C Winding Fab	01SEP05A	42*	31OCT05A			100	6,474.00	6,474.00	6,474.00					
1403-X1	A	Winding form revisions (unplanned)	03OCT05A	0	31OCT05A				0.00	0.00	0.00					
1403-X2	A	Terminal Changes (unplanned)	03OCT05A	0	31OCT05A				0.00	0.00	0.00					
1403-20.2	A	Resolve FDR chits	01AUG05A	187*	28APR06A			100	7,277.74	7,277.74	7,277.74					
1403-206C	A	Finish Cooling, Electr Schematic Dwgs - Type C	01MAR05A	381*	31AUG06		769	90	5,876.44	6,529.38	6,483.57	40 hrs				
1403-223C	A	Finish Top level coil assembly-Type C	01MAR05A	381*	31AUG06		769	90	47,452.24	52,724.71	52,354.81	323 hrs				
1403-224C	A	Finish VPI mold assembly-Type C	01MAR05A	381*	31AUG06		769	90	17,629.32	19,588.13	19,450.70	120 hrs				
1403-58C	A	Check and promote clamp, I&C assy dwgs -Type C	01JUN05A	316*	31AUG06		769	90	14,843.54	16,492.82	16,371.30	100 hrs				
FY06CV-101	A	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	322,560.00	322,560.00	322,560.00					
<b>Job: 1416-Mod Coil Type A&amp;B Final Dsn-WILLIAMSON</b>																
<b>Winding and Assembly Design-Type A</b>																
1416A-113	A	MCWF mods-As-Built MCWF	01AUG05A	145*	28FEB06A			100	13,153.50	13,153.50	13,153.50					
1416A-117	A	MCWF mods-Studs, Lead Block Mount	01OCT05A	100*	28FEB06A			100	6,748.00	6,748.00	6,748.00					
1416A-121	A	MCWF mods-Seal Groove Adapter	01OCT05A	142*	28APR06A			100	10,122.00	10,122.00	10,122.00					
1416A-129	A	MCWF mods-Check and Promote	30NOV05A	124*	31MAY06A			100	3,374.00	3,374.00	3,374.00					
1416A-133	A	Lead Block Assy-Lead Blocks	01OCT05A	100*	28FEB06A			100	13,496.00	13,496.00	13,496.00					
1416A-137	A	Lead Block Assy-Top and Side Plates	28NOV05A	62*	28FEB06A			100	13,496.00	13,496.00	13,496.00					
1416A-141	A	Lead Block Assy-Detail Parts, Intralink	28NOV05A	84*	10MAR06A			100	10,122.00	10,122.00	10,122.00					
1416A-149	A	Lead Block Assy-Check and Promote		0*	31MAY06A			100	3,374.00	3,374.00	3,374.00					
1416A-161	A	Side A Coil Assy-Cladding Asm	01SEP05A	144*	31MAR06A			100	59,645.29	59,645.29	59,645.29					
1416A-165	A	Side A Coil Assy-Cond Layers, Geom Files	28NOV05A	84*	31MAR06A			100	6,748.00	6,748.00	6,748.00					
1416A-169	A	Side A Coil Assy-Magnetic Loops	28NOV05A	84*	31MAR06A			100	3,374.00	3,374.00	3,374.00					
1416A-173	A	Side A Coil Assy-Chill Plates and Tubing	28NOV05A	84*	31MAR06A			100	40,488.00	40,488.00	40,488.00					
1416A-177	A	Side A Coil Assy-Check and Promote		0*	31MAR06A			100	6,748.00	6,748.00	6,748.00					
1416A-181	A	Side B Coil Assy-Cladding Asm	01SEP05A	144*	31MAR06A			100	39,724.23	39,724.23	39,724.23					
1416A-185	A	Side B Coil Assy-Cond Layers, Geom Files	28NOV05A	84*	31MAR06A			100	6,748.00	6,748.00	6,748.00					
1416A-189	A	Side B Coil Assy-Magnetic Loops	28NOV05A	84*	31MAR06A			100	3,374.00	3,374.00	3,374.00					
1416A-193	A	Side B Coil Assy-Chill Plates and Tubing	28NOV05A	84*	31MAR06A			100	41,774.40	41,774.40	41,774.40					

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year				
												FY07	FY08	FY09	FY10	
1416A-197	A	Side B Coil Assy-Check and Promote		0*	28APR06A			100	6,748.00	6,748.00	6,748.00					
1416A-213	A	Clamp Assy-Clamp Hardware	28NOV05A	40*	23DEC05A			100	674.80	674.80	674.80					
1416A-217	A	Clamp Assy-Check and Promote	01DEC05A	1	23DEC05A			100	674.80	674.80	674.80					
1403-40.2Z	A	Update nonlinear winding pack analysis	02AUG04A	560*	02JAN07			680	90	87,858.61	97,620.67	96,251.61				
1403-42A1	A	Document analysis of MCWF eddy currents	02OCT06*	43	01DEC06			696	10	0.00	0.00	0.00				
1403-42H	A	calculate EM loads at leads	01SEP05A	288*	02JAN07			680	70	7,068.92	10,098.46	10,024.25				
1403-47A	A	Update,review & approve FMECA	26SEP05A	271*	02JAN07			680	10	676.58	6,765.82	6,731.69				
1403-47C	A	Perform cool-down/warmup analysis	02OCT06*	43	01DEC06			696		0.00	7,114.40	6,962.40				
1403-50A	A	Check inductance calculation	02OCT06*	43	01DEC06			696		0.00	6,876.00	6,748.00				
1403-60C	A	Finish Update design basis document	02MAY05A	374*	02JAN07			680	60	7,931.49	13,219.15	13,051.01				
1403-73	A	Prep struct analysis report	01MAY05A	374*	02JAN07			680	80	10,575.32	13,219.15	13,057.60				
1403-76	A	Structural analysis of leads	01OCT04A	517*	02JAN07			680	80	10,393.71	12,992.14	12,813.38				
1403-90	A	Compile Material properties database	01OCT04A	517*	02JAN07			680	90	18,382.57	20,425.08	20,246.24				
1403-990	A	Analysis of C1 test data*not budgeted*	03JUL06A	43*	31AUG06			769	90	0.00	0.00	0.00				
1416A-105	A	Top level models and drawings	03MAR06A	127*	30AUG06			177	80	5,398.40	6,748.00	6,748.00				
1416A-109	A	-Check and Promote Top Level Drawings	31AUG06	5	07SEP06			177		0.00	3,374.00	3,374.00				
1416A-153	A	Lead Terminals-Splice Plates	01MAY06A	86*	30AUG06			755	50	1,687.00	3,374.00	3,374.00				
1416A-157	A	Lead Terminals-Check and Promote	01MAY06A	86*	30AUG06			755	30	1,012.20	3,374.00	3,374.00				
1416A-201	A	Coil Post VPI mods-Studs Removed	03DEC05A	177*	18AUG06			171	80	2,699.20	3,374.00	3,374.00				
1416A-205	A	Coil Post VPI mods-Clamp Arrangement	03DEC05A	177*	18AUG06			171	80	5,398.40	6,748.00	6,748.00				
1416A-209	A	Coil Post VPI mods-Check and Promote	21AUG06	5	25AUG06			171	80	2,699.20	3,374.00	3,374.00				
1416A-221	A	I&C-Strain Gages and T/C	03MAR06A	148*	29SEP06			749	50	1,687.00	3,374.00	3,374.00				
1416A-225	A	I&C-Rogowski Coils	03MAR06A	147*	28SEP06			750	30	2,024.40	6,748.00	6,748.00				
1416A-229	A	I&C-Check and Promote	01AUG06*	43*	29SEP06			749		0.00	3,374.00	3,374.00				
1416A-233	A	Coil-to-Coil -Current Feed Insul, Covers	15SEP06*	5	21SEP06			750		0.00	3,374.00	3,374.00				
1416A-237	A	Coil-to-Coil -Windings Insul Blanket	03JUL06A	63*	29SEP06			744	50	1,687.00	3,374.00	3,374.00				
1416A-241	A	Coil-to-Coil -Bushing Installation	15SEP06*	5	21SEP06			750		0.00	3,374.00	3,374.00				
1416A-245	A	Coil-to-Coil -Check and Promote	02OCT06	5	06OCT06			744		0.00	3,438.00	3,374.00				
1416A-249	A	-Type-A Coil Asm Specification	01MAY06A	86*	30AUG06			765	80	5,398.40	6,748.00	6,748.00				
1416A-253	A	-Review and Approve Type-A Spec	31AUG06*	5	07SEP06			765		0.00	3,374.00	3,374.00				
1416A-257	A	-Update Coil Fab Procedures	31AUG06*	5	07SEP06			765		0.00	3,374.00	3,374.00				
1416A-261	A	-Prepare for FDR	31AUG06*	5	07SEP06			755		0.00	6,748.00	6,748.00				
<b>Winding and Assembly Design-Type B</b>																
1416B-113	A	MCWF mods-As-Built MCWF	01DEC05A	123*	31MAY06A			100		6,748.00	6,748.00	6,748.00				
1416B-117	A	MCWF mods-Studs, Lead Block Mount	01MAY06A	0*	31MAY06A			100		6,748.00	6,748.00	6,748.00				
1416B-121	A	MCWF mods-Seal Groove Adapter	01MAY06A	0*	31MAY06A			100		6,748.00	6,748.00	6,748.00				
1416B-129	A	MCWF mods-Check and Promote	01MAY06A	5	30JUN06A			100		3,372.31	3,372.31	3,372.31				



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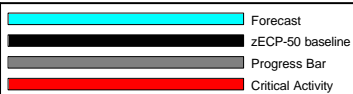


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Progress Through July 31st 2006

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year				
												FY07	FY08	FY09	FY10	
1416B-133	A	Lead Block Assy-Lead Blocks	28NOV05A	104*	14APR06A			100	13,496.00	13,496.00	13,496.00					
1416B-137	A	Lead Block Assy-Top and Side Plates	28NOV05A	104*	14APR06A			100	13,492.63	13,492.63	13,492.63					
1416B-141	A	Lead Block Assy-Detail Parts, Intralink	10FEB06A	56*	28APR06A			100	10,122.00	10,122.00	10,122.00					
1416B-161	A	Side A Coil Assy-Cladding Asm	03DEC05A	121*	31MAY06A			100	24,461.50	24,461.50	24,461.50					
1416B-165	A	Side A Coil Assy-Cond Layers, Geom Files	03MAR06A	63*	31MAY06A			100	6,748.00	6,748.00	6,748.00					
1416B-169	A	Side A Coil Assy-Magnetic Loops	03MAR06A	63*	31MAY06A			100	3,372.31	3,372.31	3,372.31					
1416B-173	A	Side A Coil Assy-Chill Plates and Tubing	03MAR06A	63*	31MAY06A			100	32,053.00	32,053.00	32,053.00					
1416B-177	A	Side A Coil Assy-Check and Promote	01MAY06A	0*	31MAY06A			100	6,748.00	6,748.00	6,748.00					
1416B-181	A	Side B Coil Assy-Cladding Asm	03DEC05A	143*	30JUN06A			100	20,887.20	20,887.20	20,887.20					
1416B-185	A	Side B Coil Assy-Cond Layers, Geom Files	03MAR06A	85*	30JUN06A			100	6,748.00	6,748.00	6,748.00					
1416B-189	A	Side B Coil Assy-Magnetic Loops	03MAR06A	85*	30JUN06A			100	3,372.31	3,372.31	3,372.31					
1416B-193	A	Side B Coil Assy-Chill Plates and Tubing	03MAR06A	85*	30JUN06A			100	18,276.30	18,276.30	18,276.30					
1416B-197	A	Side B Coil Assy-Check and Promote	01MAY06A	44*	30JUN06A			100	6,748.00	6,748.00	6,748.00					
1416B-201	A	Coil Post VPI mods-Studs Removed	03MAR06A	148*	29SEP06			193	50	1,686.16	3,372.31	3,372.31				
1416B-205	A	Coil Post VPI mods-Clamp Arrangement	03MAR06A	148*	29SEP06			193	50	3,374.00	6,748.00	6,748.00				
1416B-105	A	Top level models and drawings	11MAR06A	118*	25AUG06			234	50	3,374.00	6,748.00	6,748.00				
1416B-109	A	-Check and Promote top level drawings	28AUG06	5	01SEP06			234		0.00	3,372.31	3,372.31				
1416B-149	A	Lead Block Assy-Check and Promote	01MAR06A	107*				80		2,697.85	3,372.31	3,372.31				
1416B-153	A	Lead Terminals-Splice Plates	01AUG06*	5	07AUG06			193		0.00	3,372.31	3,372.31				
1416B-157	A	Lead Terminals-Check and Promote	08AUG06*	5	14AUG06			193		0.00	3,372.31	3,372.31				
1416B-205A	A	Coil Post VPIU mods cooling/electrical	01AUG06*	9*	11AUG06			227		0.00	6,748.00	6,748.00				
1416B-209	A	Coil Post VPI mods-Check and Promote	01AUG06	19*	25AUG06			217		0.00	3,374.00	3,372.31				
1416B-221	A	I&C-Strain Gages and T/C	28AUG06*	5	01SEP06			217		0.00	3,372.31	3,372.31				
1416B-225	A	I&C-Rogowski Coils	05SEP06*	5	11SEP06			217		0.00	6,748.00	6,748.00				
1416B-229	A	I&C-Check and Promote	01AUG06	19*	25AUG06			232		0.00	3,374.00	3,372.31				
1416B-233	A	Coil-to-Coil -Current Feed Insul, Covers	04AUG06*	5	10AUG06			228		0.00	3,372.31	3,372.31				
1416B-237	A	Coil-to-Coil -Windings Insul Blanket	11AUG06*	5	17AUG06			228		0.00	3,372.31	3,372.31				
1416B-241	A	Coil-to-Coil -Bushing Installation	18AUG06*	5	24AUG06			228		0.00	3,372.31	3,372.31				
1416B-245	A	Coil-to-Coil -Check and Promote	25AUG06	5	31AUG06			228		0.00	3,372.31	3,372.31				
1416B-249	A	-Type-B Coil Asm Specification	01SEP06*	5	08SEP06			739		0.00	6,748.00	6,748.00				
1416B-253	A	-Review and Approve Type-B Spec	11SEP06*	5	15SEP06			739		0.00	3,372.31	3,372.31				
1416B-257	A	-Update Coil Fab Procedures	18SEP06*	5	22SEP06			739		0.00	3,372.31	3,372.31				
1416B-261	A	-Prepare and Conduct FDR	25SEP06*	5	29SEP06			739		0.00	6,748.00	6,748.00				
1416B-262	A	TYPE A, B & C closeout FDR		0	02JAN07			680		0.00	0.00	0.00				
1416B-265	A	-Resolve FDR Comments	03JAN07	10	16JAN07			680		0.00	12,033.00	5,061.00				
FY06CV-109	A	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100		-211,700.00	-211,700.00	-211,700.00				

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Progress Through July 31st 2006

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year			
												FY07	FY08	FY09	FY10
<b>Job:1408-Mod Coil Winding Supplies-CHRZANOWSKI</b>															
<b>Prior Costs</b>															
1408-001	A	Apr-Sep YTD MIE Cost PPPL	01APR03A	64	30SEP03A			100	29,790.00	29,790.00	29,790.00				
<b>+ Copper Conductor</b>															
	A		02AUG04A	315	31OCT05A			100	273,914.27	273,914.27	273,914.27				
<b>+ Insulation for conductor</b>															
	A		09JUL04A	245	30JUN05A			100	26,901.00	26,901.00	26,901.00				
<b>+ Groundwrap Insulation</b>															
	A		03JAN05A	41	28FEB05A			100	25,620.00	25,620.00	25,620.00				
<b>Cladding</b>															
1408-505	A	PPPL Fabr Cladding Type C for Coil c1	01MAY05A	15	31MAY05A			100	3,586.65	3,586.65	3,586.65				
1408-507	A	PPPL Fabr Cladding Type C for Coil c2	02OCT05A	58*	23DEC05A			100	3,838.80	3,838.80	3,838.80				
1408-501	A	Submet Requisition for Type C Cladding	31OCT05A	1	31OCT05A			100	0.00	0.00	0.00				
1408-503	A	Bid and Award Type C Cladding (PE006336)	01NOV05A	20	30NOV05A			100	0.00	0.00	0.00				
1408-509	A	Fabr Cladding Type C for Coil c3	03DEC05A	36	31JAN06A			100	3,838.80	3,838.80	3,838.80				
1408-511	A	Fabr Cladding Type C for Coil c4	03DEC05A	36	31JAN06A			100	3,838.80	3,838.80	3,838.80				
1408-513	A	Fabr Cladding Type C for Coil c5	03DEC05A	36	31JAN06A			100	3,838.80	3,838.80	3,838.80				
1408-515	A	Fabr Cladding Type C for Coil c6	03DEC05A	36	31JAN06A			100	3,838.80	3,838.80	3,838.80				
1408-517	A	Submet Requisition for Type A Cladding	01APR06A	5	14APR06A				0.00	0.00	0.00				
1408-519	A	Bid and Award Type A Cladding	17APR06A	30	26APR06A				0.00	0.00	0.00				
1408-521	A	Fabr Cladding Type A for Coil a1	01JUN06A	0*	30JUN06A			100	6,032.40	6,032.40	6,032.40				
1408-523	A	Fabr Cladding Type A for Coil a2	01JUN06A	49*	09AUG06			125	22	1,327.13	6,032.40	6,032.40			41=\$4.4k
1408-525	A	Fabr Cladding Type A for Coil a3	01JUN06A	49*	09AUG06			144	22	1,327.13	6,032.40	6,032.40			41=\$4.4k
1408-527	A	Fabr Cladding Type A for Coil a4	01JUN06A	49*	09AUG06			190	22	1,327.13	6,032.40	6,032.40			41=\$4.4k
1408-529	A	Fabr Cladding Type A for Coil a5	01JUN06A	49*	09AUG06			328	22	1,327.13	6,032.40	6,032.40			41=\$4.4k
1408-531	A	Fabr Cladding Type A for Coil a6	01JUN06A	49*	09AUG06			355	22	1,327.13	6,032.40	6,032.40			41=\$4.4k
1408-533	A	Submet Requisition for Type B Cladding	31JUL06A	5	31JUL06A				0.00	0.00	0.00				
1408-535	A	Bid and Award Type B Cladding	24JUL06A	15*	11AUG06			149		0.00	0.00	0.00			
1408-537	A	Fabr Cladding Type B for Coil b1	14AUG06	20	11SEP06			149		0.00	6,032.40	6,032.40			41=\$4.4k
1408-539	A	Fabr Cladding Type B for Coil b2	14AUG06	25	18SEP06			190		0.00	6,032.40	6,032.40			41=\$4.4k
1408-541	A	Fabr Cladding Type B for Coil b3	14AUG06	25	18SEP06			209		0.00	6,032.40	6,032.40			41=\$4.4k
1408-543	A	Fabr Cladding Type B for Coil b4	14AUG06	25	18SEP06			236		0.00	6,032.40	6,032.40			41=\$4.4k
1408-545	A	Fabr Cladding Type B for Coil b5	14AUG06	25	18SEP06			255		0.00	6,032.40	6,032.40			41=\$4.4k
1408-547	A	Fabr Cladding Type B for Coil b6	14AUG06	25	18SEP06			282		0.00	6,032.40	6,032.40			41=\$4.4k
<b>Lead hardware &amp; Fillers</b>															
1408-705	A	Fabr Lead HW Type C for Coil c1	01JUL05A	131*	30DEC05A			100	93,326.22	93,326.22	93,326.22				
1408-707	A	Fabr Lead HW Type C for Coil c2	01JUL05A	131*	31JAN06A			100	24,911.70	24,911.70	24,911.70				
1408-701	A	Submet Requisition for Type C3-C6 Lead HW	01AUG05A	5	05AUG05A			100	0.00	0.00	0.00				

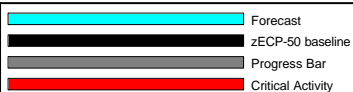


Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year				
												FY07	FY08	FY09	FY10	
1408-703	A	Bid and Award Type C3-C6 Lead HW	08AUG05A	30	02DEC05A			100	0.00	0.00	0.00					
1408-709	A	Fabr Lead HW Type C for Coil c3	03JAN06A	20	31JAN06A			100	26,186.10	26,186.10	26,186.10					
1408-711	A	Fabr Lead HW Type C for Coil c4	03JAN06A	20	31JAN06A			100	26,186.10	26,186.10	26,186.10					
1408-713	A	Fabr Lead HW Type C for Coil c5	03JAN06A	20	31JAN06A			100	26,186.10	26,186.10	26,186.10					
1408-715	A	Fabr Lead HW Type C for Coil c6	03JAN06A	20	31JAN06A			100	26,186.10	26,186.10	26,186.10					
1408-721A	A	Fab & Deliver Lower lead blocks (PE006621)	31MAR06A	85	03AUG06A				0.00	0.00	0.00					
1408-717	A	Submet Req for Type A Lead HW R403928	31MAR06A	5	31MAR06A				0.00	0.00	0.00					
1408-719	A	Bid and Award Type A Lead HW (PE006621 & 6646)	31MAR06A	25	14APR06A				0.00	0.00	0.00					
1408-721	A	Fabr Lead HW Type A for Coil a1	01MAY06A	44	30JUN06A			100	26,186.10	26,186.10	26,186.10				M&S = \$19.1k	
1408-723	A	Fabr Lead HW Type A for Coil a2	01MAY06A	67	03AUG06			132	77	20,163.30	26,186.10	26,186.10				M&S = \$19.1k Copper jumpers received
1408-725	A	Fabr Lead HW Type A for Coil a3	01MAY06A	67	03AUG06			151	77	20,163.30	26,186.10	26,186.10				M&S = \$19.1k
1408-727	A	Fabr Lead HW Type A for Coil a4	01MAY06A	67	03AUG06			197	77	20,163.30	26,186.10	26,186.10				M&S = \$19.1k
1408-729	A	Fabr Lead HW Type A for Coil a5	01MAY06A	67	03AUG06			335	77	20,163.30	26,186.10	26,186.10				M&S = \$19.1k
1408-731	A	Fabr Lead HW Type A for Coil a6	01MAY06A	67	03AUG06			362	77	20,163.30	26,186.10	26,186.10				M&S = \$19.1k
1408-733	A	Submet Requisition for Type B Lead HW	09JUN06A	5	09JUN06A				0.00	0.00	0.00					
1408-735	A	Bid and Award Type B Lead HW	12JUN06A	20	23JUN06A				0.00	0.00	0.00					
1408-737	A	Fabr Lead HW Type B for Coil b1	23JUN06A	70	02OCT06			141	22	5,630.01	26,186.10	26,186.10				M&S = \$19.1k
1408-739	A	Fabr Lead HW Type B for Coil b2	23JUN06A	70	02OCT06			298	22	5,630.01	26,186.10	26,186.10				M&S = \$19.1k
1408-741	A	Fabr Lead HW Type B for Coil b3	23JUN06A	70	02OCT06			206	22	5,630.01	26,186.10	26,186.10				M&S = \$19.1k Copper jumpers received
1408-743	A	Fabr Lead HW Type B for Coil b4	23JUN06A	70	02OCT06			233	22	5,630.01	26,186.10	26,186.10				M&S = \$19.1k
1408-745	A	Fabr Lead HW Type B for Coil b5	23JUN06A	70	02OCT06			252	22	5,630.01	26,186.10	26,186.10				M&S = \$19.1k
1408-747	A	Fabr Lead HW Type B for Coil b6	23JUN06A	70	02OCT06			279	22	5,630.01	26,186.10	26,186.10				M&S = \$19.1k
<b>Chill Plates</b>																
1408-605	A	PPPL Fabr Chill Plts Type C for Coil c1	28NOV05A	20	22DEC05A			100	3,838.80	3,838.80	3,838.80					
1408-601	A	Submet Requisition for Type C Chill Plts	28NOV05A	5	30NOV05A			100	0.00	0.00	0.00					
1408-603	A	Bid and Award Type C Chill Plts	01DEC05A	30	05DEC05A			100	0.00	0.00	0.00					
1408-607	A	Fabr Chill Plts Type C for Coil c2	03JAN06A	20	31JAN06A			100	3,838.80	3,838.80	3,838.80					
1408-609	A	Fabr Chill Plts Type C for Coil c3	03JAN06A	20	31JAN06A			100	3,838.80	3,838.80	3,838.80					
1408-611	A	Fabr Chill Plts Type C for Coil c4	03JAN06A	20	31JAN06A			100	3,838.80	3,838.80	3,838.80					
1408-613	A	Fabr Chill Plts Type C for Coil c5	03JAN06A	20	31JAN06A			100	3,838.80	3,838.80	3,838.80					
1408-615	A	Fabr Chill Plts Type C for Coil c6	03JAN06A	20	31JAN06A			100	3,838.80	3,838.80	3,838.80					
1408-617	A	Submet Requisition for Type A Chill Plts	01APR06A	5	14APR06A				0.00	0.00	0.00					
1408-619	A	Bid and Award Type A Chill Plts (PE006657)	17APR06A	30	26APR06A				0.00	0.00	0.00					
1408-621	A	Fabr Chill Plts Type A for Coil a1	01JUN06A	0	30JUN06A			100	6,032.40	6,032.40	6,032.40				41=\$4.4k	
1408-623	A	Fabr Chill Plts Type A for Coil a2	01JUN06A	51	11AUG06			161	22	1,327.13	6,032.40	6,032.40				41=\$4.4k
1408-625	A	Fabr Chill Plts Type A for Coil a3	01JUN06A	51	11AUG06			180	22	1,327.13	6,032.40	6,032.40				41=\$4.4k
1408-627	A	Fabr Chill Plts Type A for Coil a4	01JUN06A	51	11AUG06			226	22	1,327.13	6,032.40	6,032.40				41=\$4.4k

Forecast  
zECP-50 baseline  
Progress Bar  
Critical Activity

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year				
												FY07	FY08	FY09	FY10	
1408-629	A	Fabr Chill Plts Type A for Coil a5	01JUN06A	51*	11AUG06		253	22	1,327.13	6,032.40	6,032.40	41=\$4.4k				
1408-631	A	Fabr Chill Plts Type A for Coil a6	01JUN06A	51*	11AUG06		391	22	1,327.13	6,032.40	6,032.40	41=\$4.4k				
1408-633	A	Submet Requisition for Type B Chill Plts	31JUL06A	5	31JUL06A				0.00	0.00	0.00					
1408-635	A	Bid and Award Type B Chill Plts	01AUG06*	8	10AUG06		188		0.00	0.00	0.00					
1408-637	A	Fabr Chill Plts Type B for Coil b1	11AUG06	20	08SEP06		188		0.00	6,032.40	6,032.40	41=\$4.4k				
1408-639	A	Fabr Chill Plts Type B for Coil b2	11AUG06	20	08SEP06		345		0.00	6,032.40	6,032.40	41=\$4.4k				
1408-641	A	Fabr Chill Plts Type B for Coil b3	11AUG06	20	08SEP06		253		0.00	6,032.40	6,032.40	41=\$4.4k				
1408-643	A	Fabr Chill Plts Type B for Coil b4	11AUG06	20	08SEP06		280		0.00	6,032.40	6,032.40	41=\$4.4k				
1408-645	A	Fabr Chill Plts Type B for Coil b5	11AUG06	20	08SEP06		299		0.00	6,032.40	6,032.40	41=\$4.4k				
1408-647	A	Fabr Chill Plts Type B for Coil b6	11AUG06	20	08SEP06		326		0.00	6,032.40	6,032.40	41=\$4.4k				
<b>Tubing</b>																
1408-761	A	Submet Requisition for Tubing	28NOV05A	5	30NOV05A			100	0.00	0.00	0.00					
1408-763	A	Bid and Award Tubing (PE006392)	03JAN06A	0*	21DEC05A			100	0.00	0.00	0.00					
1408-765	A	Deliver Tubing	31JAN06A	10	31JAN06A			100	2,742.00	2,742.00	2,742.00					
<b>Epoxy</b>																
1408-111	A	Epoxy - Requisition	01JAN05A	5	31JAN05A			100	0.00	0.00	0.00					
1408-114	A	Epoxy -Evaluate Bids & Award	01MAY05A	10	31MAY05A			100	0.00	0.00	0.00					
1408-117	A	Epoxy -1st Delivery for Production	31JAN06A	20	31JAN06A			100	20,565.00	20,565.00	20,565.00					
1408-119	A	Epoxy -2nd Delivery for Production	01MAY06A	87*	31AUG06		208	68	13,984.20	20,565.00	20,565.00	M&S= \$ 15 k				
1408-121	A	Epoxy -3rd Delivery for Production	02JAN07	20	29JAN07		130		0.00	20,565.00	20,565.00	M&S= \$ 15 k				
1408-123	A	Epoxy -4th Delivery for Production	07MAR07	20	03APR07		132		0.00	20,565.00	20,565.00	M&S= \$ 15 k				
1408-125	A	Epoxy -5th Delivery for Production	12APR07	20	09MAY07		126		0.00	20,565.00	20,565.00	M&S= \$ 15 k				
1408-127	A	Epoxy -6th Delivery for Production	10MAY07	20	07JUN07		126		0.00	20,565.00	20,565.00	M&S= \$ 15 k				
<b>Clamps</b>																
1408-901	A	Submet Requisition for Type C Clamps	01DEC05A	5	07DEC05A			100	0.00	0.00	0.00					
1408-903	A	Bid and Award Type C Clamps (PE6417)	08DEC05A	33*	11JAN06A			100	0.00	0.00	0.00					
1408-905	A	Fabr Clamps Type C for Coil c1	28FEB06A	45*	28APR06A			100	20,565.00	20,565.00	20,565.00					
1408-907	A	Fabr Clamps Type C for Coil c2	28FEB06A	66*	31MAY06A			100	20,565.00	20,565.00	20,565.00					
1408-909	A	Fabr Clamps Type C for Coil c3	28FEB06A	66*	31MAY06A			100	20,565.00	20,565.00	20,565.00					
1408-911	A	Fabr Clamps Type C for Coil c4	28FEB06A	66*	31MAY06A			100	20,565.00	20,565.00	20,565.00					
1408-913	A	Fabr Clamps Type C for Coil c5	28FEB06A	66*	31MAY06A			100	20,565.00	20,565.00	20,565.00					
1408-915	A	Fabr Clamps Type C for Coil c6	28FEB06A	66*	31MAY06A			100	20,565.00	20,565.00	20,565.00					
1408-921	A	Fabr Clamps Type A for Coil a1	28FEB06A	66*	31MAY06A			100	20,565.00	20,565.00	20,565.00					
1408-923	A	Fabr Clamps Type A for Coil a2	28FEB06A	66*	31MAY06A			100	20,565.00	20,565.00	20,565.00					
1408-925	A	Fabr Clamps Type A for Coil a3	28FEB06A	66*	31MAY06A			100	20,565.00	20,565.00	20,565.00					
1408-927	A	Fabr Clamps Type A for Coil a4	28FEB06A	66*	31MAY06A			100	20,565.00	20,565.00	20,565.00					
1408-929	A	Fabr Clamps Type A for Coil a5	28FEB06A	66*	31MAY06A			100	20,565.00	20,565.00	20,565.00					

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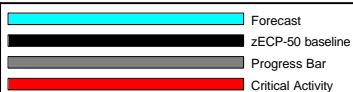
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**Progress Through July 31st 2006**

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year				
												FY07	FY08	FY09	FY10	
1408-931	A	Fabr Clamps Type A for Coil a6	28FEB06A	66*	31MAY06A			100	20,565.00	20,565.00	20,565.00					
1408-937	A	Fabr Clamps Type B for Coil b1	01MAR06A	65*	31MAY06A			100	20,565.00	20,565.00	20,565.00					
1408-939	A	Fabr Clamps Type B for Coil b2	28FEB06A	66*	31MAY06A			100	20,565.00	20,565.00	20,565.00					
1408-941	A	Fabr Clamps Type B for Coil b3	28FEB06A	66*	31MAY06A			100	20,565.00	20,565.00	20,565.00					
1408-943	A	Fabr Clamps Type B for Coil b4	28FEB06A	66*	31MAY06A			100	20,565.00	20,565.00	20,565.00					
1408-945	A	Fabr Clamps Type B for Coil b5	28FEB06A	66*	31MAY06A			100	20,565.00	20,565.00	20,565.00					
1408-947	A	Fabr Clamps Type B for Coil b6	28FEB06A	66*	31MAY06A			100	20,565.00	20,565.00	20,565.00					
<b>Other</b>																
1408-137	A	Safety & PPE equipt & supplies	01MAY05A	686*	31JAN08		420	80	16,329.55	20,411.94	20,411.94					M&S= \$ 15 k
1408-138	A	Misc. Supplies	01JUL05A	643*	31JAN08		420	80	13,114.87	16,393.59	16,393.59					M&S= \$ 12 k
1408-173	A	Epoxy for Shell Mold (Hysol)	03JAN06A	520*	31JAN08		420	60	14,863.29	24,772.15	24,772.15					M&S= \$ 18 k
1408-183	A	Tubing (Chem flor and Poly)	01SEP05A	67*	31OCT05A			100	46,373.37	46,373.37	46,373.37					
1408-184	A	Vulcanizing tape, felt and RTV	03JAN06A	45	03OCT06		747	83	25,034.46	30,162.00	30,162.00					M&S= \$ 22 k
1408-185	A	Valves and Fittings	01AUG05A	66*	31OCT05A			100	19,644.55	19,644.55	19,644.55					
1408-186	A	Manifolds	01SEP05A	209	30SEP05A			100	75,850.56	75,850.56	75,850.56					
<b>I&amp;C</b>																
174-035	A	Modular Coil local I&C -Procurement	01AUG06	40	26SEP06		752		0.00	18,275.43	18,275.43					41=\$13.33k
FY05CV-21	A	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				33,000.00	33,000.00	33,000.00					
<b>Job: 1411-MCWF Fabrication S005242-HEITZENROEDER</b>																
<b>Contract Oversight and Title III</b>																
172-031	A	Title III engr	24MAY04A	340*	30SEP05A			LOE	76,273.90	76,273.90	76,273.90					
172-031.1	A	Title III engr	01OCT05A	350*	01MAR07		648	LOE	98,449.83	167,147.43	167,147.43					Heitzenroeder =640hr; Williamson = 107 hr ; travel=\$26k
172-031.1X	A	Title III engr	01SEP06*	185*	31MAY07		584	LOE	0.00	61,073.24	0.00					Williamson = 356hr ;
FY05CV-23	A	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				275,000.00	275,000.00	275,000.00					
MCWF-001	A	EIO Project Mgt. & Reporting	29OCT04A	486*	15SEP06		709	LOE	846,300.00	910,000.00	910,000.00					48=910 ;
MCWF-001A	A	EIO Project Mgt. & Reporting AMEND #11	18SEP06	75*	29DEC06		709		0.00	129,250.00	129,250.00					48=129.246 ;
MCWF-001B	A	EIO Project Mgt. & Reporting AMEND #12	02JAN07*	76*	17APR07		633		0.00	146,000.00	146,000.00					48=146 ;
MCWF-011	A	Pattern A complete	29OCT04A	126*	01APR05A			100	290,125.00	290,125.00	290,125.00					
MCWF-021	A	Pattern B complete	01DEC04A	220*	30SEP05A			100	255,120.00	255,120.00	255,120.00					
MCWF-031	A	Major Tool Tooling Complete	29OCT04A	82*	28FEB05A			100	628,622.00	628,622.00	628,622.00					
MCWF-041	A	Materials (MetalTek)	29NOV04A	282*	31AUG05A			100	744,750.00	744,750.00	744,750.00					
MCWF-051	A	C1-MTK-casting upgrade	20DEC04A	63*	31MAR05A			100	146,248.12	146,248.12	146,248.12					
MCWF-061	A	C1-MTM - machining/inspection	01APR05A	136*	30SEP05A	M		100	159,560.00	159,560.00	159,560.00					
C-121.1	A	First MCWF C-1 Delivered		0	30SEP05A			100	0.00	0.00	0.00					
MCWF-071	A	C1-Receive at PPPL		0	03OCT05A			100	0.00	0.00	0.00					

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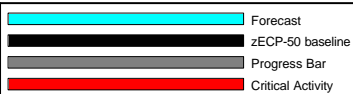
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Progress Through July 31st 2006

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year			
												FY07	FY08	FY09	FY10
MCWF-081	A	C2-MTK-casting	01APR05A	66*	27JUN05A			100	142,920.00	142,920.00	142,920.00				
MCWF-091	A	C2-MTM - machining/inspection	28JUN05A	125*	16DEC05A			100	169,040.00	169,040.00	169,040.00				
MCWF-101	A	C2-Receive at PPPL		0	16DEC05A			100	0.00	0.00	0.00				
MCWF-141	A	C3-MTK-casting	12MAY05A	102*	19SEP05A			100	142,920.00	142,920.00	142,920.00				
MCWF-151	A	C3-MTM - machining/inspection	20SEP05A	108*	27FEB06A			100	167,910.00	167,910.00	167,910.00				
MCWF-161	A	C3-Receive at PPPL		0	27FEB06A			100	45,000.00	45,000.00	43,000.00				
MCWF-201	A	C4-MTK-casting	16MAY05A	122*	31OCT05A			100	142,920.00	142,920.00	142,920.00				
MCWF-211	A	C4-MTM - machining/inspection	31OCT05A	102*	27MAR06A			100	167,910.00	167,910.00	167,910.00				
MCWF-221	A	C4-Receive at PPPL		0	27MAR06A			100	35,790.00	35,790.00	31,190.00				
MCWF-261	A	C5-MTK-casting	30MAY05A	128*	30NOV05A			100	142,920.00	142,920.00	142,920.00				
MCWF-271	A	C5-MTM - machining/inspection	01DEC05A	101*	28APR06A			100	167,910.00	167,910.00	167,910.00				
MCWF-281	A	C5-Receive at PPPL		0	28APR06A			100	38,480.00	38,480.00	34,480.00				
MCWF-111	A	A1-MTK-casting	22APR05A	116*	08SEP05A			100	142,710.00	142,710.00	142,710.00				
MCWF-121	A	A1-MTM - machining/inspection	09SEP05A	108*	01JUN06A			100	167,910.00	167,910.00	167,910.00				
MCWF-131	A	A1-Receive at PPPL		0	05JUN06A			100	34,480.00	34,480.00	29,880.00				48=29.88+4.6
MCWF-171	A	A2-MTK-casting	17AUG05A	91*	23DEC05A			100	142,710.00	142,710.00	142,710.00				
MCWF-181	A	A2-MTM - machining/inspection	14NOV05A	156*	30JUN06A			100	167,910.00	167,910.00	167,910.00				48=167.91 ;
MCWF-191	A	A2-Receive at PPPL		0	30JUN06A			100	35,180.00	35,180.00	25,270.00				48=25.27+9.91
MCWF-351	A	A3-MTK-casting	26SEP05A	84*	31JAN06A			100	142,710.00	142,710.00	142,710.00				
MCWF-361	A	A3-MTM - machining/inspection	01MAR06A	107*	27JUL06A			100	167,910.00	167,910.00	167,910.00				48=167.91 ;
MCWF-371	A	A3-Receive at PPPL		0	28JUL06A			100	34,510.00	34,510.00	20,410.00				48=20.41+14.1
MCWF-231	A	B1-MTK-casting	16SEP05A	110*	28FEB06A			100	142,710.00	142,710.00	142,710.00				
MCWF-241	A	B1-MTM - machining/inspection	01MAR06A	140*	15SEP06		139	45	75,559.50	167,910.00	167,910.00				48=167.91 ;
MCWF-251	A	B1-Receive at PPPL		0	18SEP06		139		0.00	18,810.00	14,660.00				48=14.66+4.15
MCWF-381	A	A4-MTK-casting	15DEC05A	71*	14MAR06A			100	142,920.00	142,920.00	142,920.00				
MCWF-391	A	A4-MTM - machining/inspection	14MAR06A	166*	03NOV06		124	40	67,164.00	167,910.00	167,910.00				48=167.91 ;
MCWF-401	A	A4-Receive at PPPL		0	06NOV06		124		0.00	16,200.00	9,730.00				48=9.73+6.47
MCWF-321	A	B2-MTK-casting	31JAN06A	64*	28APR06A			100	142,710.00	142,710.00	142,710.00				
MCWF-331	A	B2-MTM - machining/inspection	28APR06A	111*	04OCT06		173	15	25,186.50	167,910.00	167,910.00				48=167.91 ;
MCWF-341	A	B2-Receive at PPPL		0	05OCT06		173		0.00	257,950.00	159,450.00				48=159.45 +98.5
MCWF-471	A	B3-MTK-casting	13FEB06A	65*	12MAY06A			100	142,920.00	142,920.00	142,920.00				
MCWF-481	A	B3-MTM - machining/inspection	18MAY06A	137*	01DEC06		152	8	13,432.80	167,910.00	167,910.00				48=167.91 ;
MCWF-491	A	B3-Receive at PPPL		0	04DEC06		152		0.00	32,560.00	21,780.00				48=32.56
MCWF-501	A	B4-MTK-casting	28MAR06A	39*	25MAY06A			100	142,920.00	142,920.00	142,920.00				
MCWF-511	A	B4-MTM - machining/inspection	26MAY06A	147*	02JAN07		163	2	3,358.20	167,910.00	167,910.00				48=167.91 ;
MCWF-521	A	B4-Receive at PPPL		0	03JAN07		163		0.00	100,000.00	0.00				48=21.78+78.22
MCWF-531	A	B5-MTK-casting	13APR06A	56*	30JUN06A			100	142,920.00	142,920.00	142,920.00				48=141 ; +2.11k heat treatment ecp34

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	FY			
												FY07	FY08	FY09	FY10
MCWF-541	A	B5-MTM - machining/inspection	31JUL06A	133	01FEB07		160	1	1,679.10	167,910.00	167,910.00				
MCWF-551	A	B5-Receive at PPPL		0	02FEB07		160		0.00	22,740.00	0.00				
MCWF-561	A	B6-MTK-casting	28APR06A	45	30JUN06A		100		142,920.00	142,920.00	142,920.00				
MCWF-571	A	B6-MTM - machining/inspection	31JUL06A	145	01MAR07		167	1	1,679.10	167,910.00	167,910.00				
MCWF-581	A	B6-Receive at PPPL		0	02MAR07		167		0.00	20,780.00	0.00				
MCWF-411	A	A5-MTK-casting	13JAN06A	45	29MAR06A		100		142,920.00	142,920.00	142,920.00				
MCWF-421	A	A5-MTM - machining/inspection	01MAY06A	230	02APR07		164	2	3,358.20	167,910.00	167,910.00				
MCWF-431	A	A5-Receive at PPPL		0	03APR07		164		0.00	18,180.00	0.00				
MCWF-441	A	A6-MTK-casting	31JAN06A	64	20APR06A		100		142,710.00	142,710.00	142,710.00				
MCWF-451	A	A6-MTM - machining/inspection	01MAY06A	265	21MAY07		156	2	3,100.00	155,000.00	155,000.00				
MCWF-461	A	A6-Receive at PPPL		0	22MAY07		156		0.00	5,720.00	0.00				
MCWF-291	A	C6-MTK-casting	16JUN05A	155	03FEB06A		100		142,920.00	142,920.00	142,920.00				
MCWF-301	A	C6-MTM - machining/inspection	03APR06A	305	19JUN07		155	20	33,582.00	167,910.00	167,910.00				
MCWF-311	A	C6-Receive at PPPL		0	20JUN07		155		0.00	3,750.00	0.00				
C-501B1	A	Last MCWF Delivered		0	20JUN07		570		0.00	0.00	0.00				
<b>Job:1460 3rd Winding Fixture-CHRZANOWSKI</b>															
WINDFIX	A	3rd winding fixture	02OCT06*	65	10JAN07	1	684	100	0.00	63,058.12	0.00				
<b>+ Job:1465 - Additional coil testing-GETTLEFINGER</b>															
	A		02OCT06	95	21FEB07	1	654	100	0.00	278,181.55	0.00				
<b>Job: 1451 - Mod Coil Winding-CHRZANOWSKI</b>															
<b>Station 1 Prep casing &amp; Install Cladding</b>															
C1RW	A	C1 rework	03OCT05A	5	07OCT05A	1		100	46,461.00	46,461.00	46,461.00				
C2RW	A	type C h/w rework	03APR06A	108	01SEP06	1	768	83	44,612.83	53,750.40	53,750.40				
1451TRAIN	A	Training for winding teams	25JUL05A	3	29JUL05A			100	0.00	0.00	0.00				
P1-001	A	Rec C1, Prep& Instl Cladding>>@ 125% 1 shift	10OCT05A	23	24OCT05A	1		100	54,727.68	54,727.68	54,727.68				
P1-091	A	Receive C2, Prep& Instl Cladding	19DEC05A	26	26JAN06A	1		100	44,303.36	44,303.36	44,303.36				
P2-091	A	Receive C3, Prep& Instl Cladding	03MAR06A	16	31MAR06A	1		100	44,303.36	44,303.36	44,303.36				
P3-091	A	Receive C4, Prep& Instl Cladding	28MAR06A	46	10MAY06A	1		100	40,720.00	40,720.00	40,720.00				
P1-121	A	Receive C5, Prep& Instl Cladding	22MAY06A	29	23JUN06A	1		100	40,720.00	40,720.00	40,720.00				
P2-001	A	Receive A1, Prep& Instl Cladding	19JUN06A	37	09AUG06	1	105	62	31,305.54	50,492.80	50,492.80				
P3-001	A	Receive A2, Prep& Instl Cladding	24AUG06*	12	11SEP06	2		110	0.00	40,720.00	40,720.00				
P3-031	A	Receive A3, Prep& Instl Cladding	22SEP06	11	06OCT06	2		110	0.00	41,124.55	40,962.73				
P1-031	A	Receive B1, Prep& Instl Cladding	09OCT06	12	24OCT06	2		125	0.00	51,596.40	51,596.40				
P3-121	A	Receive A4, Prep& Instl Cladding	07NOV06	11	21NOV06	2		124	0.00	41,610.00	41,610.00				

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Progress Through July 31st 2006

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	FY					
												FY07	FY08	FY09	FY10		
P2-121	A	Receive B2, Prep& Instl Cladding	18DEC06	11	09JAN07	2	124		0.00	41,610.00	41,610.00						
P2-061	A	Receive B3, Prep& Instl Cladding	22JAN07	11	05FEB07	2	124		0.00	41,610.00	41,610.00						
P2-151	A	Receive B4, Prep& Instl Cladding	20FEB07	11	06MAR07	2	130		0.00	41,610.00	31,623.60						
P3-061	A	Receive B5, Prep& Instl Cladding	07MAR07	11	21MAR07	2	138		0.00	24,882.78	24,882.78						
P3-151	A	Receive B6, Prep& Instl Cladding	22MAR07	11	05APR07	2	154		0.00	24,882.78	24,882.78						
P1-061	A	Receive A5, Prep& Instl Cladding	06APR07	11	20APR07	2	162		0.00	24,882.78	24,882.78						
P1-151	A	Receive A6, Prep& Instl Cladding	23MAY07	11	07JUN07	2	156		0.00	24,882.78	24,882.78						
P2-031	A	Receive C6, Prep& Instl Cladding	21JUN07	11	06JUL07	2	155		0.00	24,882.78	24,882.78						
<b>Station 2-Winding, Instl Chill Plates,Tubing,Bag</b>																	
P1-011	A	Wind coil C1>>@150%	25OCT05A	63*	27JAN06A	2		100	118,006.56	118,006.56	118,006.56						
P1-011J	A	Complete Winding First Modular Coil		0	19DEC05A	2		100	0.00	0.00	0.00						
P1-020	A	Instl Chill Plates,Tubing, Bag C1>>@150%	31JAN06A	24*	03MAR06A	2		100	41,371.52	41,371.52	41,371.52						
P2-101	A	Wind coil C-3	31MAR06A	43*	15MAY06A	2		100	116,377.76	116,377.76	116,377.76						
P2-110	A	Instl Chill Plates,Tubing,Bag C3	16MAY06A	33*	21JUN06A	2		100	48,619.68	48,619.68	48,619.68						
P1-131	A	Wind coil C5	23JUN06A	37*	15AUG06	2	113	69	68,668.58	99,519.68	99,519.68						
P1-140	A	Instl Chl Plates,Tubing, Bag C5	16AUG06	15	06SEP06	2	113		0.00	48,619.68	48,619.68						
P3-011	A	Wind coil A2	12SEP06	31	24OCT06	2	110		0.00	104,256.40	104,111.13						
P3-020	A	Instl Chill Plates,Tubing, Bag A2	25OCT06	15	14NOV06	2	110		0.00	49,682.34	49,682.34						
P1-041	A	Wind coil B1	15NOV06	31	08JAN07	2	110		0.00	105,273.30	105,273.30						
P1-050	A	Instl Chl Plates,Tubing, Bag B1	09JAN07	15	29JAN07	2	110		0.00	49,682.34	35,618.16						
P2-041JOUL	A	JOULE FY07 Cmplt winding one-half modular coils		0	08JAN07	2	110		0.00	0.00	0.00						
P1-071	A	Wind coil B2	30JAN07	31	13MAR07	2	110		0.00	101,195.52	101,195.52						
P1-080	A	Instl Chl Plates,Tubing,Bag B2	14MAR07	15	03APR07	2	110		0.00	35,618.16	35,618.16						
P2-161	A	Wind coil B4	04APR07	31	16MAY07	2	110		0.00	101,195.52	101,195.52						
P2-170	A	Instl Chill Plates,Tubing,Bag B4	17MAY07	15	07JUN07	2	110		0.00	35,618.16	35,618.16						
P3-161	A	Wind coil B6	08JUN07	31	23JUL07	2	110		0.00	101,195.52	101,195.52						
P3-170	A	Instl Chill Plates,Tubing,Bag B6	24JUL07	15	13AUG07	2	110		0.00	35,618.16	35,618.16						
P1-161	A	Wind coil A6	14AUG07	31	26SEP07	2	110		0.00	101,195.52	101,195.52						
P1-170	A	Instl Chill Plates,Tubing,Bag A6	27SEP07	15	17OCT07	2	110		0.00	36,278.73	36,151.50						
<b>Station 4-Winding, Instl Chill Plates,Tubing,Bag</b>																	
P1-101	A	Wind coil C-2>>@125%	27JAN06A	46*	31MAR06A	2		100	116,377.76	116,377.76	116,377.76						
P1-110	A	Instl Chill Plates,Tubing,Bag C2	01APR06A	42*	09MAY06A	2		100	48,619.68	48,619.68	48,619.68						
P3-101	A	Wind coil C4	11MAY06A	38*	06JUL06A	2		100	99,519.68	99,519.68	99,519.68						
P3-110	A	Instl Chill Plates,Tubing, Bag C4	06JUL06A	25*	09AUG06	2	105	87	42,299.12	48,619.68	48,619.68						

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	FY					
												FY07	FY08	FY09	FY10		
P2-011	A	Wind coil A1	10AUG06	31	22SEP06	2	105		0.00	103,021.60	103,021.60						
P2-020	A	Instl Chill Plates,Tubing, Bag A1	25SEP06	15	13OCT06	2	105		0.00	49,328.12	48,690.52						
P3-041	A	Wind coil A3	16OCT06	31	29NOV06	2	105		0.00	105,273.30	105,273.30						
P3-050	A	Instl Chl Plates,Tubing, Bag A3	30NOV06	15	20DEC06	2	105		0.00	49,682.34	49,682.34						
P3-131	A	Wind coil A4	21DEC06	31	09FEB07	2	105		0.00	101,195.52	101,195.52						
P3-140	A	Instl Chl Plates,Tubing, Bag A4	12FEB07	15	02MAR07	2	105		0.00	49,682.34	35,618.16						
P2-071	A	Wind coil B3	05MAR07	31	16APR07	2	105		0.00	101,195.52	101,195.52						
P2-080	A	Instl Chill Plates,Tubing,Bag B3	17APR07	15	07MAY07	2	105		0.00	35,618.16	35,618.16						
P3-071	A	Wind coil B5	08MAY07	31	20JUN07	2	105		0.00	101,195.52	101,195.52						
P3-080	A	Instl Chill Plates,Tubing,Bag B5	21JUN07	15	12JUL07	2	105		0.00	35,618.16	35,618.16						
P2-131	A	Wind coil A5	13JUL07	31	24AUG07	2	105		0.00	101,195.52	101,195.52						
P2-140	A	Instl Chl Plates,Tubing, Bag A5	27AUG07	15	17SEP07	2	105		0.00	35,618.16	35,618.16						
P2-041	A	Wind coil C6	18SEP07	31	30OCT07	2	105		0.00	103,128.57	102,513.51						
P2-050	A	Instl Chl Plates,Tubing, Bag C6	31OCT07	15	20NOV07	2	105		0.00	36,576.88	36,576.88						
<b>Station 5-VPI</b>																	
P1-021V	A	VPI (Station 5) C1	06MAR06A	6	13MAR06A	2		100	26,712.32	26,712.32	26,712.32						
P1-111V	A	VPI (Station 5) C2	22MAY06A	4	31MAY06A	2		100	24,024.80	24,024.80	24,024.80						
P1-111VCU	A	Cleanup and Ready Autoclave	03JUN06A	8	30JUN06A	1		100	13,030.40	13,030.40	13,030.40						
P2-111V	A	VPI (Station 5) C3	24JUL06A	8	31JUL06A	2		100	24,024.80	24,024.80	24,024.80						
P2-111VCU	A	Cleanup and Ready Autoclave	01AUG06*	4	04AUG06	1		123	0.00	13,030.40	13,030.40						
P3-111V	A	VPI (Station 5) C4	10AUG06*	12	25AUG06	2		120	0.00	24,024.80	24,024.80						
P3-111VCU	A	Cleanup and Ready Autoclave	28AUG06	8	07SEP06	1		148	0.00	13,030.40	13,030.40						
P1-141V	A	VPI (Station 5) C5	08SEP06	7	18SEP06	2		148	0.00	24,024.80	24,024.80						
P1-141VCU	A	Cleanup and Ready Autoclave	19SEP06	8	28SEP06	1		148	0.00	13,030.40	13,030.40						
P2-021V	A	VPI (Station 5) A1	16OCT06	7	24OCT06	2		137	0.00	24,549.90	24,549.90						
P2-021VCU	A	Cleanup and Ready Autoclave	25OCT06	8	03NOV06	1		137	0.00	13,315.20	13,315.20						
P3-021V	A	VPI (Station 5) A2	15NOV06	7	27NOV06	2		130	0.00	24,549.90	24,549.90						
P3-021VCU	A	Cleanup and Ready Autoclave	28NOV06	8	07DEC06	1		134	0.00	13,315.20	13,315.20						
P3-051V	A	VPI (Station 5) A3	21DEC06	7	08JAN07	2		125	0.00	24,549.90	13,648.08						
P3-051VCU	A	Cleanup and Ready Autoclave	09JAN07	8	18JAN07	1		137	0.00	13,315.20	13,648.08						
P1-051V	A	VPI (Station 5) B1	30JAN07	7	07FEB07	2		130	0.00	24,549.90	13,648.08						
P1-051VCU	A	Cleanup and Ready Autoclave	08FEB07	8	19FEB07	1		146	0.00	13,315.20	13,648.08						
P3-141V	A	VPI (Station 5) A4	05MAR07	7	13MAR07	2		137	0.00	13,648.08	13,648.08						
P3-141VCU	A	Cleanup and Ready Autoclave	14MAR07	12	29MAR07	1		137	0.00	13,648.08	13,648.08						
P2-141V	A	VPI (Station 5) B2	04APR07	7	12APR07	2		134	0.00	13,648.08	13,648.08						
P2-141VCU	A	Cleanup and Ready Autoclave	13APR07	12	30APR07	1		134	0.00	13,648.08	13,648.08						
P2-081V	A	VPI (Station 5) B3	08MAY07	7	16MAY07	2		129	0.00	13,648.08	13,648.08						

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 Forecast  
 zECP-50 baseline  
 Progress Bar  
 Critical Activity

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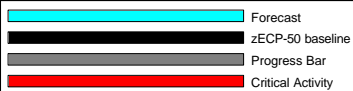
**Progress Through July 31st 2006**

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	FY								
												FY07	FY08	FY09	FY10					
P2-081VCU	A	Cleanup and Ready Autoclave	17MAY07	12	04JUN07	1	129		0.00	13,648.08	13,648.08									
P3-081V	A	VPI (Station 5) B4	08JUN07	7	18JUN07	2	126		0.00	13,648.08	13,648.08									
P3-081VCU	A	Cleanup and Ready Autoclave	19JUN07	12	05JUL07	1	126		0.00	13,648.08	13,648.08									
P2-171V	A	VPI (Station 5) B5	13JUL07	7	23JUL07	2	121		0.00	13,648.08	13,648.08									
P2-171VCU	A	Cleanup and Ready Autoclave	24JUL07	12	08AUG07	1	121		0.00	13,648.08	13,648.08									
P3-171V	A	VPI (Station 5) B6	14AUG07	7	22AUG07	2	118		0.00	13,648.08	13,648.08									
P3-171VCU	A	Cleanup and Ready Autoclave	23AUG07	12	10SEP07	1	118		0.00	13,648.08	13,648.08									
P1-081V	A	VPI (Station 5) A5	18SEP07	7	26SEP07	2	113		0.00	13,648.08	13,648.08									
P1-081VCU	A	Cleanup and Ready Autoclave	27SEP07	12	12OCT07	1	113		0.00	13,954.21	13,739.92									
P1-171V	A	VPI (Station 5) A6	18OCT07	7	26OCT07	2	110		0.00	14,015.44	14,015.44									
P1-171VCU	A	Cleanup and Ready Autoclave	29OCT07	12	13NOV07	1	110		0.00	14,015.44	14,015.44									
P2-051V	A	VPI (Station 5) C6	21NOV07	7	03DEC07	2	105		0.00	14,015.44	14,015.44									
P2-051VCU	A	Cleanup and Ready Autoclave	04DEC07	12	19DEC07	1	444		0.00	14,015.44	14,015.44									
<b>Station 1B Final Clamp Installation</b>																				
P1-021C	A	Final Clamps & Warm Test (Station1) C1	14MAR06A	5*	28MAR06A	1		100	12,378.88	12,378.88	12,378.88									
P1-021.1	A	Complete First Mod Coil Fabrication C1		0	28MAR06A	1			0.00	0.00	0.00									
P1-111C	A	Final Clamps & Warm Test (Station1) C2	01JUN06A	59*	23AUG06	1	110	28	3,648.51	13,030.40	13,030.40									
P2-111C	A	Final Clamps & Warm Test (Station1) C3	09AUG06*	6*	16AUG06	1	161		0.00	13,030.40	13,030.40									
P3-111C	A	Final Clamps & Warm Test (Station1) C4	12SEP06	8	21SEP06	1	110		0.00	13,030.40	13,030.40									
P1-141C	A	Final Clamps & Warm Test (Station1) C5	25OCT06	8	03NOV06	1	125		0.00	13,315.20	13,315.20									
P2-021C	A	Final Clamps & Warm Test (Station1) A1	22NOV06	8	05DEC06	1	124		0.00	13,315.20	13,315.20									
P3-021C	A	Final Clamps & Warm Test (Station1) A2	06DEC06	8	15DEC06	1	124		0.00	13,315.20	13,315.20									
P3-051C	A	Final Clamps & Warm Test (Station1) A3	10JAN07	8	19JAN07	1	124		0.00	13,315.20	9,986.40									
P1-051C	A	Final Clamps & Warm Test (Station1) B1	08FEB07	8	19FEB07	1	130		0.00	13,315.20	9,986.40									
P3-141C	A	Final Clamps & Warm Test (Station1) A4	14MAR07	8	23MAR07	1	244		0.00	9,986.40	9,986.40									
P2-141C	A	Final Clamps & Warm Test (Station1) B2	13APR07	8	24APR07	1	167		0.00	9,986.40	9,986.40									
P2-081C	A	Final Clamps & Warm Test (Station1) B3	17MAY07	8	29MAY07	1	178		0.00	9,986.40	9,986.40									
P3-081C	A	Final Clamps & Warm Test (Station1) B4	19JUN07	8	28JUN07	1	176		0.00	9,986.40	9,986.40									
P3-171C	A	Final Clamps & Warm Test (Station1) B5	24JUL07	8	02AUG07	1	177		0.00	9,986.40	9,986.40									
P2-171C	A	Final Clamps & Warm Test (Station1) B6	23AUG07	9	05SEP07	1	174		0.00	9,986.40	9,986.40									
P1-081C	A	Final Clamps & Warm Test (Station1) A5	27SEP07	8	08OCT07	1	136		0.00	10,188.00	9,986.40									
P1-171C	A	Final Clamps & Warm Test (Station1) A6	29OCT07	8	07NOV07	1	129		0.00	10,255.20	10,255.20									
P2-051C	A	Final Clamps & Warm Test (Station1) C6	04DEC07	8	13DEC07	1	105		0.00	10,255.20	10,255.20									
<b>LOE Oversight &amp; Supervision</b>																				
171-000	A	Winding Preparations (LOE) FY05	01AUG05A	49*	30SEP05A				53,382.29	53,382.29	53,382.29									



Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	FY				
												FY07	FY08	FY09	FY10	
171-040	A	Winding Oversight (LOE)	10OCT05A	534*	26NOV07		459	LOE	258,143.44	686,551.71	686,551.71	EA/EM Chrzanowski @ 70%=2470 EA/EM Raftopolous @ 40%=1420				
171-041	A	Tech Supervision	10OCT05A	534*	26NOV07		459	LOE	120,725.11	321,077.43	321,077.43	EM/SM (Meighan) @ 70%=2470				
SSD-ST2	A	Second shift cost differential	25OCT05A	523*	26NOV07		459	LOE	17,642.49	77,500.00	77,500.00					
SSD-ST3	A	Second shift cost differential	27JAN06A	463*	26NOV07		459	LOE	15,379.69	77,500.00	77,500.00					
SSD-ST4	A	Planned overtime (due to 10hr 1st shift)	03APR06A	417*	26NOV07		459	LOE	24,312.96	120,960.00	120,960.00					
SSD-ST4.1	A	Unplanned overtime and rework	03APR06A	417*	26NOV07		459	LOE	24,312.96	120,960.00	120,960.00					
SSD-ST5	A	Misc tech shop support	01MAY06A	397*	26NOV07		459	LOE	30,457.21	189,175.22	189,175.22	em//tb=2280				
TITLE3F	A	Titel III Design ORNL- Component Fab & WINDING	01AUG06*	143*	28FEB07		649	LOE	0.00	121,496.27	0.00	FOGARTY=470 ornl travel=\$24k				
TITLE3W	A	Titel III Design ORNL- Component Fab & WINDING	10OCT05A	534*	26NOV07		459	LOE	45,671.43	121,466.56	196,459.69	williams=470 ornl travel=\$24k				
1451ETC-3	A	stain gauges, term. cooling tubes, thrmclpls	01AUG06*	333*	26NOV07		459		0.00	157,924.37	0.00	EM/TB = 1,710hrs \$11.5k m&s				
FY05CV-25	A	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				81,000.00	81,000.00	81,000.00					
<b>Job: 1421-Mod Coil Interface Design-WILLIAMSON</b>																
<b>Coil-to-coil Interface Design</b>																
1403-11.1	A	Describe interfaces as part of coil FDR's	01NOV04A	471*	31JUL06A				35,507.90	35,507.90	39,257.84					
1403-16	A	Assembly bolts, nuts, washers	01OCT04A	496*	31JUL06A				16,858.96	16,858.96	21,107.48					
1403-17	A	Assembly shims	01OCT04A	332*	31JUL06A				20,557.93	20,557.93	27,552.51					
1403-18	A	Eccentric ball assembly	08NOV04A	471*	31JUL06A				22,616.72	22,616.72	34,076.06					
1403-19	A	Top assembly dwgs for mod coil shell	01OCT04A	332*	31JUL06A				24,684.03	24,684.03	37,864.56					
1403-19A	A	Bladder Details	01JUL05A	146*	30NOV05A				9,411.15	9,411.15	29,602.52					
1421-10	A	add'l analysis of coil to coil joints/friction	01MAY06A	123*	31JUL06A				2,699.20	2,699.20	13,496.00					
FY06CV-111	A	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	-89,310.00	-89,310.00	-89,310.00					
1403-PDR	A	PDR		0	30OCT06*				0.00	0.00	0.00					
1403-FDR	A	FDR		0	27NOV06*				0.00	0.00	0.00					
<b>3 Point positioning hardware</b>																
IH1-005	A	review requirements, as-built casting features	28AUG06*	15	18SEP06				0.00	6,748.00	0.00	goranson=40				
IH1-010	A	obtain results from mockup test		0	18SEP06				0.00	0.00	0.00					
IH1-015	A	Review for approval to proceed		0	18SEP06				0.00	0.00	0.00					
IH1-020	A	Prepare dwgs and release	19SEP06	35	06NOV06				0.00	23,266.49	0.00	goranson=116;mcginnis=120				
IH1-025	A	Issue dwgs for Fabrication		0	06NOV06				0.00	0.00	0.00					
<b>Bladders</b>																
IH2-005	A	review and finalize structural requirements	28AUG06*	25	02OCT06				0.00	6,753.12	0.00	freudenberg=40				
IH2-010	A	select and test concept(s)	01SEP06*	25	06OCT06				0.00	27,094.40	0.00	goranson=160				
IH2-015	A	Finalize / select design (config and materials)	25AUG06	50	03NOV06				0.00	27,248.00	0.00	williamson=40;goranson=120				
IH2-020	A	Review for approval to proceed		0	03NOV06				0.00	0.00	0.00					
IH2-025	A	Prepare dwgs and release	06NOV06	35	03JAN07				0.00	34,380.00	0.00	mcginnis=200				
IH2-030	A	Issue dwgs for Fabrication		0	03JAN07				0.00	0.00	0.00					

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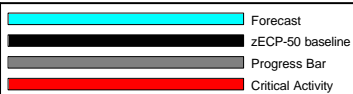
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Progress Through July 31st 2006

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year					
												FY07	FY08	FY09	FY10		
<b>Bolt Reaming</b>																	
IH3-005	A	review and finalize structural requirements	28AUG06*	15	18SEP06		197		0.00	6,748.00	0.00						
IH3-010	A	Finalize concept	05SEP06	10	18SEP06		758		0.00	10,122.00	0.00						
IH3-015	A	Review for approval to proceed		0	18SEP06		197		0.00	0.00	0.00						
IH3-020	A	Prepare tooling specs, drawings	19SEP06	30	30OCT06		197		0.00	17,094.00	0.00						
IH3-025	A	Issue dwgs for Procurement/ Fabrication		0	30OCT06		197		0.00	0.00	0.00						
<b>Shear plate and shims</b>																	
IH4-005	A	Complete testing	28AUG06*	20	25SEP06		202		0.00	13,496.00	0.00						
IH4-010	A	Finalize design, select material	05SEP06*	10	18SEP06		207		0.00	10,122.00	0.00						
IH4-015	A	Review for approval to proceed		0	25SEP06		202		0.00	0.00	0.00						
IH4-020	A	Prepare dwgs and release	12SEP06	30	23OCT06		202		0.00	40,897.60	0.00						
IH4-025	A	Issue dwgs for Fabrication		0	23OCT06		202		0.00	0.00	0.00						
<b>Top Assy drawings</b>																	
IH5-005	A	Identify all stud, bushing, sperical washer, i	09OCT06*	20	03NOV06		203		0.00	2,750.40	0.00						
IH5-010	A	Prepare advanced procurement dwgs calling out	16OCT06*	20	10NOV06		198		0.00	6,876.00	0.00						
IH5-015	A	Issue specs/dwgs for procurement (studs, bushi		0	10NOV06		198		0.00	0.00	0.00						
IH5-020	A	Finish 3-coil, 6 coil, and 18 coil top assembl	20NOV06*	20	19DEC06		213		0.00	55,008.00	0.00						
IH5-025	A	Develop as-built model and drawing format	06DEC06	20	10JAN07		213		0.00	6,876.00	0.00						
IH5-030	A	Complete assembly spec	13DEC06	15	10JAN07		213		0.00	0.00	0.00						
<b>Other insulation over wings</b>																	
IH6-005	A	Finalize requirements	11SEP06*	20	06OCT06		198		0.00	2,712.00	0.00						
IH6-010	A	finalize design	18SEP06*	15	06OCT06		198		0.00	2,716.27	0.00						
IH6-015	A	Review for approval to proceed		0	06OCT06		198		0.00	0.00	0.00						
IH6-020	A	Prepare dwgs and release	09OCT06	25	10NOV06		198		0.00	13,752.00	0.00						
IH6-025	A	Issue dwgs for Fabrication		0	10NOV06		198		0.00	0.00	0.00						
<b>Job: 1431 - Mod. Coil Interface Hardware-DUDEK</b>																	
<b>3 Point positioning hardware</b>																	
IH1-030	A	Bid, Award, Procure or Fabricate	07NOV06	60	08FEB07		192		0.00	0.00	0.00						
IH1-035	A	Receive and inspect 3 point positioning hardwa		0	08FEB07		192		0.00	0.00	0.00						
<b>Bladders</b>																	
1421-410	A	Bid, Award, Procure or Fab Bladders	04JAN07	35	21FEB07		183		0.00	60,000.00	60,000.00						
IH2-040	A	Receive and inspect Bladders		0	21FEB07		183		0.00	0.00	0.00						
<b>Bolt Reaming</b>																	
IH3-030	A	Bid, Award, Procure or Fab Bolt Reaming	31OCT06	60	01FEB07		197		0.00	0.00	0.00						
IH3-035	A	Receive and inspect Bolt Reaming		0	01FEB07		197		0.00	0.00	0.00						
<b>Shear plate and shims</b>																	
1421-210	A	Bid, Award, Procure Shear plate and shims	24OCT06	60	25JAN07		202		0.00	138,000.00	138,000.00						
1421-411	A	Deliverhardware for inboard joint friciton	24OCT06	60	25JAN07		202		0.00	52,000.00	52,000.00						

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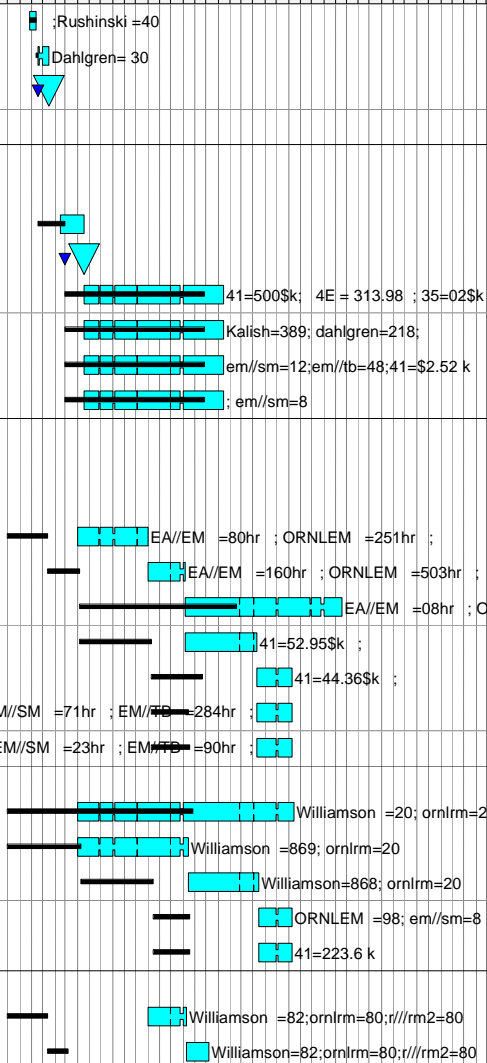
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Progress Through July 31st 2006

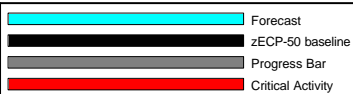
Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	FY					
												FY07	FY08	FY09	FY10		
IH4-035	A	Receive and inspect Shear plate and shims		0	25JAN07		202		0.00	0.00	0.00						
<b>Top Assy drawings</b>																	
1421-110	A	Bid, Award, Procure stud, bushing, sperical wa	13NOV06	50	31JAN07		198		0.00	449,000.00	449,000.00						
IH5-040	A	Receive and inspect stud, bushing, sperical wa		0	31JAN07		198		0.00	0.00	0.00						
<b>Other insulation over wings</b>																	
IH6-030	A	Bid, Award, Procure or Fab Other insulation	13NOV06	50	31JAN07		198		0.00	0.00	0.00						
IH6-035	A	Receive and inspect Other insulation over wing		0	31JAN07		198		0.00	0.00	0.00						
<b>15 - Structures</b>																	
<b>Job: 1501 - Structures Design- DAHLGREN</b>																	
<b>PDR/PBR Task List</b>																	
1501-105	A	Project PDR	07OCT03A	1	07OCT03A			100	0.00	0.00	0.00						
1501-109	A	Prepare FY 04 WP/WAF	31OCT03A	20	31OCT03A			100	12,360.00	12,360.00	12,360.00						
1501-113	A	Prepare PBR documentation	04NOV03A	10	18NOV03A			100	6,180.00	6,180.00	6,180.00						
1501-117	A	Performance baseline review		0	18NOV03A			100	0.00	0.00	0.00						
<b>Reqmnts, Configuration, Interfaces and PDR</b>																	
1501-125	A	Update drawings & models based on vendor	21OCT03A	30	26NOV03A			100	10,660.50	10,660.50	10,660.50						
1501-133	A	Prepare a "scope sheet" which defines all interf	03NOV03A	124	30SEP04A			LOE	5,407.50	5,407.50	5,407.50						
1501-001	A	Prelim Design Structures	01JUL05A	110*	30SEP05A			100	45,443.75	45,443.75	45,443.75						
1501-201	A	Write ICD's	01AUG06*	6*	08AUG06			147	0.00	2,610.90	2,610.90					Dahlgren= 15	
1501-205	A	Update Design/models	01MAY06A	97*	15SEP06			147	7,791.62	10,791.72	10,791.72					:Rushinski = 62	
1501-209	A	Prepare SRD	03JUL06A	69*	09OCT06			733 25	1,525.92	6,103.67	6,092.10					Dahlgren= 35	
1501-213	A	Approve ICD's	09AUG06	48*	16OCT06			738	0.00	6,472.44	6,440.22					Dahlgren= 37	
1501-217	A	Update stress analysis	18SEP06	15*	06OCT06			744	0.00	12,272.87	12,184.20					:Dahlgren=70	
1501-221	A	approve SRD	10OCT06	10	23OCT06			733	0.00	0.00	0.00						
1501-225	A	Write prelim purchase spec	23OCT06	8	01NOV06			133	0.00	6,225.10	6,092.10					Dahlgren= 35	
1501-229	A	Create Prelim Assemblies	03JUL06A	5	31JUL06A			100	6,092.10	6,092.10	6,092.10					Dahlgren= 10 ;Rushinski =25	
1501-233	A	PDR Preparation	06OCT06*	11*	20OCT06			133	0.00	6,225.10	6,092.10					Dahlgren= 25 ;Rushinski =10 ;	
1501-PDR	A	PDR		0	20OCT06			133	0.00	0.00	0.00						
1501-241	A	Write final purchase spec	02NOV06*	10	15NOV06			133	0.00	5,335.80	5,335.80					Dahlgren= 30	
1501-246	A	Update Models	23OCT06*	14*	09NOV06			133	0.00	9,782.30	9,782.30					Dahlgren= 15 ;Rushinski =40	
1501-249	A	Update Analysis	10NOV06	10*	27NOV06			133	0.00	12,450.20	12,450.20					:Dahlgren=70	
1501-253	A	Prep Final Drawings	10NOV06	11*	28NOV06			136	0.00	16,007.40	16,007.40					Dahlgren= 30 ;Rushinski =60	
1501-257	A	Detailed Hardware Analysis	10NOV06	10	27NOV06			133	0.00	3,557.20	3,557.20					Dahlgren= 20	
1501-261	A	Write Statement of work	16NOV06	10	01DEC06			133	0.00	3,557.20	3,557.20					Dahlgren= 20	
1501-265	A	Approve Purchase Spec	16NOV06	10	01DEC06			143	0.00	3,557.20	3,557.20					Dahlgren= 20	
1501-269	A	Check Analysis	28NOV06	14*	15DEC06			133	0.00	11,560.90	11,560.90					Dahlgren=65	
1501-273	A	Approve SOW	04DEC06	10	15DEC06			133	0.00	0.00	0.00						

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year				
												FY07	FY08	FY09	FY10	
1501-277	A	Prep Assy Dwgs	29NOV06	10	12DEC06		136		0.00	7,114.40	7,114.40					
1501-281	A	Prep for FDR	18DEC06	15*	15JAN07		133		0.00	5,335.80	5,335.80					
1501-FDR	A	FDR		0	15JAN07		133		0.00	0.00	0.00					
FY06CV-113	A	ECP45 FY06 cv	01OCT05A	251*	30MAR06A		100		2,350.00	2,350.00	2,350.00					
<b>Job:1550 - Coil Structures Procurement -KALISH</b>																
1501-245	A	Prep Spec,Solicit Bids, and Evaluate Bids	16FEB07*	43	17APR07		110		0.00	0.00	0.00					
162-036.9	A	Award Coil Support Structure		0	17APR07		110		0.00	0.00	0.00					
162-037	A	Fabricate Coil Structure	18APR07	249	16APR08		110		0.00	1,012,194.27	1,009,730.08					
162-031	A	Title III engr WBS 151	18APR07	249	16APR08		110		0.00	109,224.89	155,492.74					
153.037	A	WBS 153 Support Structure I&C Procurement/Fab	18APR07*	249	16APR08		110		0.00	9,148.18	9,114.14					
153.015	A	Title III design WBS 153 localI&C	18APR07*	249	16APR08		110		0.00	1,063.15	1,059.08					
<b>16 - Coil Services</b>																
<b>Job: 1601 - Coil Services Design-WILLIAMSON</b>																
<b>161 - LN2 Distribution</b>																
191-001	A	Title I design WBS 161 LN2 manifolds&piping	02APR07*	129*	02OCT07		105		0.00	57,409.27	57,375.70					
191-011	A	Title II design WBS 161 LN2 manifolds&piping	03OCT07	60	07JAN08		105		0.00	119,261.00	114,923.30					
191-031	A	Title III engr WBS 161	08JAN08	280	18FEB09		158		0.00	17,085.57	16,567.82					
191-037	A	Procurement WBS 161	08JAN08	130	09JUL08		105		0.00	74,394.75	72,677.54					
191-038	A	PDR#17	10JUL08*	65	09OCT08		105		0.00	62,493.00	62,325.80					
191-041	A	LN2 Manifolds & ppg Fab/assy/instr WBS 161	10JUL08*	65	09OCT08		105		0.00	34,068.76	33,821.56					
191-042	A	PDR #17,25,3	10JUL08*	65	09OCT08		105		0.00	10,864.19	10,785.36					
<b>162 - Electrical Leads</b>																
132-000	A	PDR #17 & 25	02APR07*	389*	16OCT08		238		0.00	41,754.05	41,396.19					
132-001	A	Title I design WBS 162 Coil leads	02APR07*	194*	14JAN08		95		0.00	155,311.35	153,159.10					
132-011	A	Title II design WBS 162 Coil leads	15JAN08	130	16JUL08		95		0.00	159,391.00	153,686.42					
132-015	A	Title III design WBS 162 Coil leads	17JUL08*	60	09OCT08		243		0.00	18,706.71	18,618.16					
132-037	A	Coil Leads Procurement WBS 162	17JUL08*	60	09OCT08		95		0.00	315,099.22	314,186.10					
<b>163 - Coil Protection System</b>																
163.001	A	Title I design WBS 163 Coil protection	01OCT07*	65	10JAN08		187		0.00	43,938.80	42,744.60					
163.011	A	Title II design WBS 163 Coil protection	11JAN08	40	06MAR08		187		0.00	43,938.80	42,744.60					
FY06CV-114	A	ECP45 FY06 cv	01OCT05A	251*	30MAR06A		100		2,790.00	2,790.00	2,790.00					
<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	A	Apr-Sept MIE Costs PPPL	01APR03A	54	30SEP03A		100		12,180.00	12,180.00	12,180.00					
ECP491701-	A	ECP-49 cost for updating the concep dsn	01OCT05A	251	31JUL06A				49,000.00	49,000.00	49,000.00					



Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year			
												FY07	FY08	FY09	FY10
FY05CV-27	A	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				178,000.00	178,000.00	178,000.00				
<b>Base Support</b>															
161-001	A	Revise Preliminary Design for new supt locations	03APR06A	86*	30OCT06		277	90	49,528.87	55,032.08	51,398.28				
151-003	A	Base Support Struct PDR		0	30OCT06*		277		0.00	0.00	0.00				
161-011	A	Final Design Base Support Structure WBS 172	31OCT06	45	11JAN07		277		0.00	55,935.80	64,639.22				
172-199	A	Base Support Structure FDR		0	11JAN07		277		0.00	0.00	0.00				
<b>Cryostat</b>															
151-000	B	Adv Concep Design Cryostat shell & struct	01DEC03A	103*	31MAR04A			100	6,000.00	6,000.00	6,000.00				
151-001	B	Title I design WBS 171 cryostat	01APR04A	270*	29APR05A			100	125,850.61	125,850.61	125,850.61				
151-002	B	Cryostat PDR		0	29APR05A			100	0.00	0.00	0.00				
171-100	B	Investigate Alt Cryostat Architecture	01DEC05A	38*	31JAN06A			100	0.00	0.00	0.00				
171-101	B	Finalize cryostat penetrations for VV	03JAN06A	0*	31JAN06A			100	0.00	0.00	0.00				
171-102	B	Select gas-filled insulation-all svcs	03JAN06A	151*	31OCT06		381	95	0.00	0.00	0.00				
171-103	B	Finalize cryo midplane arch	03JAN06A	20*	31JAN06A			100	0.00	0.00	0.00				
171-104	B	Plan WBS 16 interface	22FEB06A	115*	31OCT06		381	5	0.00	0.00	0.00				
151-011	B	Final Design Cryostat WBS 171	01OCT07*	80	31JAN08		154		0.00	124,019.60	243,232.28				
171-199	B	Cryostat FDR		0	31JAN08		154		0.00	0.00	0.00				
<b>Job: 1751 - Cryostat Procurement</b>															
<b>171 - Cryostat</b>															
151-031	B	Title III engr	01APR08	202	23JAN09		176		0.00	59,712.19	33,266.14				
151-036.8	B	Prep Spec, Solicit bids, and Select Vendor	01APR08*	43	30MAY08		112		0.00	0.00	0.00				
151-036.9	B	Award Cryostat Procurement		0	30MAY08*		112		0.00	0.00	0.00				
151-037	B	Cryostat Procurement & PPPL fab [A/1]	02JUN08	95	14OCT08		112		0.00	317,562.35	507,236.35				
<b>Job: 1752 - Base Support Structure Procurement</b>															
<b>172 - Base Support Structure</b>															
161-031	A	Title III engr WBS 172	02JUL07	240	17JUN08		323		0.00	10,849.52	10,620.95				
161-036.8	A	Prep Spec, Solicit bids, and Select Vendor	02JUL07*	65	02OCT07		157		0.00	0.00	0.00				
161-036.9	A	Award Mach Base&Coil struct as one Procurement		0	02OCT07		157		0.00	0.00	0.00				
161-037	A	Machine Base&supports Procurement [A/1]	03OCT07*	90	18FEB08		157		0.00	220,316.00	220,272.00				
<b>18 - Field Period Assembly</b>															
<b>+ Job: 1804-Metrology Hardware-RAFTOPOULOS</b>															
	A		19JAN04A	1,430	30SEP09		0		545,176.34	587,556.39	587,556.39				
<b>+ Job: 1801-Field Period Assly -CHRZANOWSKI (ORNL)</b>															
	A		01APR03A	757	30MAR06A			100	64,690.00	64,690.00	64,690.00				
<b>+ Job: 1803- FP Assy Toolg/Constructability-BROWN</b>															
	A		01OCT04A	617	23MAR07		632		800,759.50	1,161,218.49	1,046,085.14				

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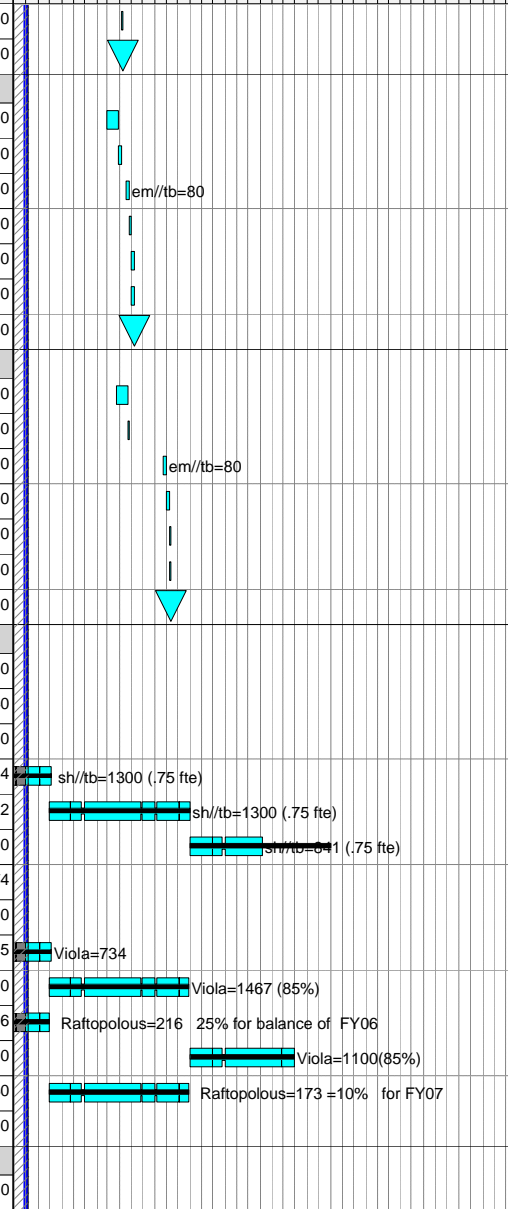
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Progress Through July 31st 2006

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year				
												FY07	FY08	FY09	FY10	
<b>Jpb: 1806 - FP Assembly specs and drawings-COLE</b>																
<b>1.00-VV Prep Station</b>																
1803-1-100	A	Prep Stage 1 Spec	22AUG06*	20	19SEP06		103		0.00	3,374.00	0.00					
1803-1-105	A	Stage 1 dwg -SE121-004	22AUG06*	20	19SEP06		103		0.00	2,699.20	0.00					
1803-1-110	A	Stage 1 dwg -SE121-008	22AUG06*	20	19SEP06		103		0.00	2,699.20	0.00					
1803-1-115	A	Stage 1 dwg -SE121-049	22AUG06*	20	19SEP06		103		0.00	2,699.20	0.00					
<b>Station 2-Modular Coil Sub- Assembly</b>																
1803-2-100	A	Prep Stage 2 Spec	16OCT06*	20	10NOV06		212		0.00	13,752.00	0.00					
1803-2-105	A	Stage 2 dwg-se140-xInterface between MC &insul	05DEC06*	20	09JAN07		178		0.00	17,190.00	0.00					
<b>Station 3-Modular Coil to VVSA Assembly</b>																
1803-3-100	A	Prep stage 3 Spec	16OCT06*	20	10NOV06		259		0.00	6,876.00	0.00					
1803-3-105	A	Stage 3 dwg-se140-xxx - Interface between VV and	16JAN07*	20	12FEB07		201		0.00	17,190.00	0.00					
<b>Station 4-TF Coil Sub-assembly</b>																
1803-4-100	A	Prep stage 4 Spec	16OCT06*	20	10NOV06		292		0.00	0.00	0.00					
<b>Station 5-Final Field Period Assembly</b>																
1203-803	A	Issue VV final assy dwg	01MAY06A	83*	31JAN07		239	60	4,083.96	6,806.60	6,748.00					
1203-804	A	Issue VV assy specification	01DEC06*	13	19DEC06		264		0.00	6,876.00	6,748.00					
1203-802	A	Issue spacer field machining dwgs	01JAN06A	171*	28SEP07		287	80	5,423.55	6,779.44	6,748.00					
1803-5-100	A	Prep stage 5 Spec	08JAN07*	20	02FEB07		243		0.00	13,752.00	0.00					
1803-5-105	A	Prep stage 5 dwg-SE180-x PORT LOC.&WELD	05FEB07*	15	23FEB07		228		0.00	20,628.00	0.00					
1803-5-110	A	Prep stage 5 dwg-SE180-XXX TF FIELD PERIOD	08JAN07*	40	02MAR07		223		0.00	35,095.20	0.00					
<b>+ Job: 1805-FP Assy HW&amp;Fixture Procurements-DUDEK</b>																
	A		02OCT06	498	29SEP08		251		0.00	301,875.00	246,226.11					
<b>Job: 1802 - FP Assy Oversight&amp;Support-VIOLA</b>																
<b>Station 2-Modular Coil Sub- Assembly</b>																
1803-2.11B	A	Procedures approved	10JAN07*	20	06FEB07		178		0.00	0.00	0.00					
1803-2.11D	A	Training needs identified & released	07FEB07*	5	13FEB07		178		0.00	0.00	0.00					
1803-2.11A	A	Install Holding fixture	23MAR07*	5	29MAR07		136		0.00	6,657.60	0.00					
1803-2.11C	A	JHA completed	30MAR07*	5	05APR07		141		0.00	0.00	0.00					
1803-2.11E	A	ACC review completed	13APR07*	5	19APR07		136		0.00	0.00	0.00					
1803-2.11F	A	Pre-jpb brief completed	13APR07*	5	19APR07		136		0.00	0.00	0.00					
1803-2.11G	A	Station 2 operational		0	19APR07		136		0.00	0.00	0.00					
<b>Station 3-Modular Coil to VVSA Assembly</b>																
1803-3.11B	A	Procedures approved	13FEB07*	20	12MAR07		201		0.00	0.00	0.00					
1803-3.11D	A	Training needs identified & released	13MAR07*	5	19MAR07		201		0.00	0.00	0.00					
1803-3.15G	A	Fixtures installed	22MAR07	5	28MAR07		189		0.00	6,657.60	0.00					
1803-3.11C	A	JHA completed	29MAR07*	5	04APR07		189		0.00	0.00	0.00					
1803-3.11E	A	ACC review completed	05APR07*	5	11APR07		189		0.00	0.00	0.00					





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Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year				
												FY07	FY08	FY09	FY10	
1803-3.11F	A	Pre-job brief completed	05APR07*	5	11APR07		189		0.00	0.00	0.00					
1803-3.11G	A	Station 3 operational		0	11APR07		189		0.00	0.00	0.00					
<b>Station 4-TF Coil Sub-assembly</b>																
1803-4.11B	A	Procedures approved	01MAR07*	20	28MAR07		222		0.00	0.00	0.00					
1803-4.11D	A	Training needs identified & released	29MAR07*	5	04APR07		222		0.00	0.00	0.00					
1803-4.15G	A	Fixtures installed	19APR07	5	25APR07		202		0.00	6,657.60	0.00					
1803-4.11C	A	JHA completed	26APR07*	5	02MAY07		202		0.00	0.00	0.00					
1803-4.11E	A	ACC review completed	03MAY07*	5	09MAY07		202		0.00	0.00	0.00					
1803-4.11F	A	Pre-job brief completed	03MAY07*	5	09MAY07		202		0.00	0.00	0.00					
1803-4.11G	A	Station 4 operational		0	09MAY07		202		0.00	0.00	0.00					
<b>Station 5-Final Field Period Assembly</b>																
1803-5.11B	A	Procedures approved	26MAR07*	20	20APR07		218		0.00	0.00	0.00					
1803-5.11D	A	Training needs identified & released	23APR07*	5	27APR07		218		0.00	0.00	0.00					
1803-5.15G	A	Fixtures installed	25JUL07	5	31JUL07		148		0.00	6,657.60	0.00					
1803-5.11C	A	JHA completed	01AUG07*	5	07AUG07		148		0.00	0.00	0.00					
1803-5.11E	A	ACC review completed	08AUG07*	5	14AUG07		148		0.00	0.00	0.00					
1803-5.11F	A	Pre-job brief completed	08AUG07*	5	14AUG07		148		0.00	0.00	0.00					
1803-5.11G	A	Station 5 operational		0	14AUG07		148		0.00	0.00	0.00					
<b>Oversight and Supervision</b>																
181.200	A	HP Coverage in the TFTR TC LOE FY04	02FEB04A	171*	30SEP04A			LOE	61,119.60	61,119.60	61,119.60					
181.201	A	D-Site Shift Supervisor LOE FY04	01JUL04A	64*	30SEP04A			LOE	25,920.40	25,920.40	25,920.40					
181.210	A	HP Coverage in the TFTR TC LOE FY05	01OCT04A	249*	30SEP05A			LOE	136,539.00	136,539.00	136,539.00					
181.222	A	HP Coverage in the TFTR TC LOE FY06	01OCT05A	250*	02OCT06		748	LOE	121,398.96	147,328.84	147,328.84					
181.220	A	HP Coverage in the TFTR TC LOE FY07	02OCT06*	250*	01OCT07		499		0.00	150,543.22	150,543.22					
181.221	A	HP Coverage in the TFTR TC LOE FY08	01OCT07*	127*	07APR08		373		0.00	75,205.82	154,583.00					
181.100	A	PPPL EM LOE FY04	13OCT03A	242*	30SEP04A			LOE	77,518.74	77,518.74	77,518.74					
181.110	A	PPPL EM LOE FY05	01OCT04A	249*	30SEP05A			LOE	9,625.20	9,625.20	9,625.20					
181.120	A	PPPL EM LOE FY06	01DEC05A	209*	02OCT06		748	LOE	100,494.65	127,369.65	127,369.65					
181.121	A	PPPL EM LOE FY07	02OCT06*	249*	28SEP07		500		0.00	260,099.10	260,099.10					
181.120A	A	Metrology Engineering Supervision FY06	01MAY06A	107*	29SEP06		749		22,482.98	37,596.96	37,478.16					
181.122	A	PPPL EM LOE FY08	01OCT07*	186*	30JUN08		314		0.00	200,288.00	200,288.00					
181.120B	A	Metrology Engineering Supervision FY07	02OCT06*	249*	28SEP07		500		0.00	30,769.78	76,416.30					
FY05CV-28	A	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				57,000.00	57,000.00	57,000.00					
FY06CV-135	A	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	-14,280.00	-14,280.00	-14,280.00					



Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year				
												FY07	FY08	FY09	FY10	
<b>Job:1810 - Field Period Assembly-VIOLA</b>																
<b>Prep TFTR TC for Assembly operations</b>																
740.020	A	Facility Prep	01MAR06A	150*	29SEP06		749	LOE	35,721.05	50,099.64	50,099.64					
S0P0-100	A	LOE Crane support, fixture setupfor TFTR TC.	01MAY06A	107*	29SEP06		749		21,038.88	35,182.08	35,182.08					
S0P0-200	A	LOE Crane support, fixture setupfor TFTR TC.	02OCT06*	249*	28SEP07		500		0.00	69,766.65	69,766.65					
S0P0-250	A	LOE Crane support, fixture setupfor TFTR TC.	02OCT07*	248*	29SEP08		251		0.00	71,644.54	0.00					
S0P0-300	A	LOE Metrology support	02OCT06*	249*	28SEP07		500		0.00	143,804.16	0.00					
<b>Station 1 -VV Prep (instl diag &amp; insul)FP#1</b>																
S1P1-101	A	Receive VV and inspect	09MAY06A	2	11MAY06A			100	2,079.11	2,079.11	2,079.11					
S1P1-101.1	A	metrology setup,training and calibration	15MAY06A	34*	13JUN06A			100	8,647.25	8,647.25	8,647.25					
S1P1-101A	A	Prep for mounting on fixture,Instl flanges	14JUN06A	5	29JUN06A			100	5,909.02	5,909.02	5,909.02					
S1P1-102	A	Mount VV on VV Prep fixture (top side up)	30JUN06A	2	30JUN06A			100	2,086.71	2,086.71	2,086.71					
S1P1-103	A	Establish metrology setting; align VV base	30JUN06A	21*	31JUL06A			100	8,158.61	8,158.61	8,158.61					
S1P1-103.1	A	Layout diagnostic&coolant paths on vsl w/templ	08AUG06	35	26SEP06			98	0.00	41,118.81	41,118.81					
S1P1-104	A	Install heater tape on vertical ports	04JAN07*	8	15JAN07			140	0.00	8,445.62	8,265.41					
S1P1-105	A	Verify installation of heater tapes	16JAN07	3	18JAN07			140	0.00	2,329.56	2,279.88					
S1P1-107	A	Install random magnetic diagnostic sensors	27SEP06	30	07NOV06			98	0.00	50,924.64	45,894.61					
S1P1-107.2	A	Install precision magnetic diagnostic sensors	05DEC06	30	23JAN07			98	0.00	17,011.20	0.00					
S1P1-107.1	A	Loop termination & verification	08NOV06	5	14NOV06			98	0.00	4,284.40	4,284.40					
S1P1-106	A	Attach studs for coolant lines	15NOV06	12	04DEC06			98	0.00	23,390.40	23,390.40					
S1P1-108	A	Install cooling/htg lines to vac vsl	24JAN07	24	26FEB07			98	0.00	69,320.64	69,320.64					
S1P1-109	A	Verify Instl of H/C lines,headers,manifolds	27FEB07	5	05MAR07			98	0.00	9,781.44	9,781.44					
S1P1-110	A	Install local I&C (incl thermocouples)	06MAR07	7	14MAR07			98	0.00	13,821.60	13,821.60					
S1P1-111	A	Verify installation of local I&C	15MAR07	3	19MAR07			98	0.00	5,953.92	5,953.92					
S1P1-116	A	Prepare and transfer completed VV to holding are	20MAR07	3	22MAR07			98	0.00	8,930.88	8,930.88					
<b>Station 1- VV Prep (instl diag &amp; insul)FP#2</b>																
S1P2-101	A	Receive VV and inspect	31JUL06A	3	31JUL06A			100	1,664.80	1,664.80	1,664.80					
S1P2-101A	A	Prep for mounting on fixture,Instl flanges	01AUG06	5	07AUG06			250	0.00	3,746.24	3,828.12					
S1P2-102	A	Mount VV on VV Prep fixture (top side up)	08AUG06	2	09AUG06			250	0.00	1,402.48	1,433.10					
S1P2-103	A	Establish metrology setting; align VV base	23MAR07	3	27MAR07			98	0.00	5,076.42	5,076.42					
S1P2-103.1	A	Layout diagnostic&coolant paths on vessel	28MAR07	26	02MAY07			98	0.00	29,060.04	29,060.04					
S1P2-104	A	Install heater tape on vertical ports	03MAY07	4	08MAY07			98	0.00	5,446.02	5,446.02					
S1P2-105	A	Verify installation of heater tapes	09MAY07	1	09MAY07			98	0.00	1,433.10	1,433.10					
S1P2-107	A	Wind magnetic diagnostic sensors	10MAY07	20	07JUN07			98	0.00	36,094.46	36,094.46					
S1P2-107.1	A	Loop termination & verification	08JUN07	3	12JUN07			98	0.00	3,452.20	3,452.20					
S1P2-106	A	Attach studs forcoolant lines	13JUN07	12	28JUN07			98	0.00	15,876.06	15,876.06					
S1P2-108	A	Install cooling/htg lines to vac vsl	29JUN07	24	02AUG07			98	0.00	49,725.54	49,725.54					

Run Date 14SEP06 15:42

 Forecast  
 zECP-50 baseline  
 Progress Bar  
 Critical Activity

ETCA

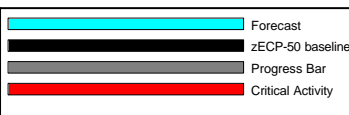
**NCSX**  
**PROJECT ETC UPDATED**  
**PLAN 9/14/06**

Sheet 32 of 56

**Progress Through July 31st 2006**



Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year					
												FY07	FY08	FY09	FY10		
S1P2-109	A	Verify Instl of H/C lines,headers,manifolds	03AUG07	5	09AUG07		98		0.00	8,080.32	8,080.32						
S1P2-110	A	Install local I&C (incl thermocouples)	10AUG07	7	20AUG07		98		0.00	10,151.94	10,151.94						
S1P2-111	A	Verify installation of local I&C	21AUG07	3	23AUG07		98		0.00	4,890.72	4,890.72						
S1P2-116	A	Prepare and transfer completed VV to holding are	24AUG07	3	28AUG07		98		0.00	6,019.38	6,019.38						
<b>Station 1-VV Prep (instl diag &amp; insul)FP#3</b>																	
S1P3-101	A	Receive VV and inspect	13SEP06	3	15SEP06		317		0.00	1,456.70	1,456.70						
S1P3-101A	A	Prep for mounting on fixture,Instl flanges	23MAR07	3	27MAR07		191		0.00	4,086.66	4,086.66						
S1P3-102	A	Mount VV on VV Prep fixture (top side up)	28MAR07	1	28MAR07		191		0.00	1,433.10	1,433.10						
S1P3-103	A	Establish metrology setting; align VV base	29MAR07	4	03APR07		191		0.00	4,826.76	4,826.76						
S1P3-103.2	A	Perform full machine best fit	04APR07	10	17APR07		191		0.00	14,228.80	0.00						
S1P3-103.1	A	Layout diagnostic&coolant paths on vessel	29AUG07	25	03OCT07		98		0.00	28,059.09	27,968.70						
S1P3-104	A	Install heater tape on vertical ports	04OCT07	4	09OCT07		98		0.00	6,332.73	6,166.56						
S1P3-105	A	Verify installation of heater tapes	10OCT07	1	10OCT07		98		0.00	1,471.70	1,433.10						
S1P3-107	A	Wind magnetic diagnostic sensors	11OCT07	20	07NOV07		98		0.00	37,854.39	36,862.48						
S1P3-107.1	A	Loop termination & verification	08NOV07	3	12NOV07		98		0.00	3,545.00	3,452.20						
S1P3-106	A	Attach studs forcoolant lines	13NOV07	12	28NOV07		98		0.00	18,779.82	18,287.04						
S1P3-108	A	Install cooling/htg lines to vac vsl	03DEC07	24	14JAN08		98		0.00	53,160.81	51,766.32						
S1P3-109	A	Verify Instl of H/C lines,headers,manifolds	15JAN08	5	21JAN08		98		0.00	7,861.32	7,655.04						
S1P3-110	A	Install local I&C (incl thermocouples)	22JAN08	7	30JAN08		98		0.00	10,918.50	10,632.00						
S1P3-111	A	Verify installation of local I&C	31JAN08	3	04FEB08		98		0.00	4,804.14	4,678.08						
S1P3-116	A	Prepare and transfer completed VV to holding are	05FEB08	3	07FEB08		98		0.00	6,598.80	6,425.70						
<b>Station 1-Spool pieces (3) (spacers)</b>																	
S1SP-101	A	Attchdiagnostics, studs and coolant lines	08FEB08	35	27MAR08		196		0.00	37,371.84	36,391.68						
<b>Station 2-Modular Coil Subassembly-FP#1</b>																	
S2P1-001	A	Pre-fit C2-C3 (no re-work)	29AUG06*	3	31AUG06		328		0.00	2,606.08	0.00						
S2P1-003	A	Pre-fit C1-C5	06NOV06*	3	08NOV06		250		0.00	2,663.04	0.00						
S2P1-005	A	Pre-fit A1-A2	22DEC06*	3	03JAN07		218		0.00	2,663.04	0.00						
S2P1-007	A	Pre-fit C6-C4	21JUN07	2	22JUN07		180		0.00	1,331.52	0.00						
S2P1-010	A	Test out equipt & procedures	20APR07*	6	27APR07		136		0.00	7,323.36	0.00						
S2P1-012	A	Fit C1-B1	20FEB07	2	21FEB07		183		0.00	1,331.52	0.00						
S2P1-014	A	Fit B1-A1	20FEB07	2	21FEB07		183		0.00	1,331.52	0.00						
S2P1-100	A	Assemble/Align Mod-Coils A1/B1/C1	30APR07	30	11JUN07		136		0.00	59,918.40	73,233.60						
S2P1-016	A	Fit A2-B2	25APR07	2	26APR07		167		0.00	1,331.52	0.00						
S2P1-018	A	Fit B2-C2	25APR07	2	26APR07		167		0.00	1,331.52	0.00						
S2P1-200	A	Assemble/Align Mod-Coils A2/B2/C2	12JUN07	20	10JUL07		136		0.00	39,945.60	73,233.60						
S2P1-201	A	Assemble/Disassemble abc1 - abc2	11JUL07	15	31JUL07		136		0.00	29,959.20	0.00						



Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year			
												FY07	FY08	FY09	FY10
<b>Station 2-Modular Coil Subassembly-FP#2</b>															
S2P2-100	A	Assemble/Align Mod-Coils A3/B3/C3	01OCT07*	15	19OCT07		97		0.00	30,765.60	73,233.60				
S2P2-200	A	Assemble/Align Mod-Coils A4/B4/C4	22OCT07	15	09NOV07		97		0.00	30,765.60	73,233.60				
S2P2-201	A	Assemble/Disassemble abc3 - abc4	12NOV07	15	04DEC07		97		0.00	30,765.60	0.00				
<b>Station 2-Modular Coil Subassembly-FP#3</b>															
S2P3-100	A	Assemble/Align Mod-Coils A5/B5/C5	05DEC07	15	03JAN08		97		0.00	30,765.60	75,204.80				
S2P3-200	A	Assemble/Align Mod-Coils A6/B6/C6	04JAN08	15	24JAN08		97		0.00	30,765.60	75,204.80				
S2P3-201	A	Assemble/Disassemble abc5 - abc6	25JAN08	15	14FEB08		97		0.00	30,765.60	0.00				
<b>Station 3-Assemble Mod Coils and VVSA-FP#1</b>															
S3P1-000	A	Begin Assembly of First Field Period Assy		0	30JUL07*		113		0.00	0.00	0.00				
S3P1-001	A	Test out station 3 equipment and procedures	31JUL07*	20	27AUG07		113		0.00	31,956.48	0.00				
S3P1-101	A	VV to MC turning fixt base; metr check	28AUG07	2	29AUG07		113		0.00	3,994.56	3,994.56				
S3P1-101.1	A	Attach local protective strips to VV&locate sens	30AUG07	2	31AUG07		113		0.00	2,663.04	2,663.04				
S3P1-102	A	Mount MC on crane; perform metr checks	04SEP07	2	05SEP07		113		0.00	3,994.56	3,994.56				
S3P1-103	A	Rotate right MC to stand-off position&chk	06SEP07	3	10SEP07		113		0.00	5,991.84	5,991.84				
S3P1-104	A	Transfer load to sprt sys and recheck position	11SEP07	2	12SEP07		113		0.00	3,994.56	3,994.56				
S3P1-105	A	Move MC turning fixt; mount MC on crane	13SEP07	1	13SEP07		113		0.00	1,997.28	1,997.28				
S3P1-106	A	Rotate left MC to stand-off position and check p	14SEP07	2	17SEP07		113		0.00	3,994.56	3,994.56				
S3P1-107	A	Move left & right MC to final position & measure	18SEP07	2	19SEP07		113		0.00	3,994.56	3,994.56				
S3P1-108	A	Install shims ( as reqd); ream 24 holes	20SEP07	10	03OCT07		113		0.00	20,134.08	23,301.60				
S3P1-109	A	Bolt together at flange interface.	04OCT07	5	10OCT07		113		0.00	10,255.20	3,994.56				
S3P1-110	A	Perform final metrology position check	11OCT07	3	15OCT07		113		0.00	6,153.12	2,663.04				
S3P1-110.1	A	Remove temp interference strips&sensors	16OCT07	2	17OCT07		113		0.00	4,102.08	665.76				
S3P1-111	A	Secure VV to MC's using temporary supports.	01NOV07	3	05NOV07		103		0.00	6,153.12	3,994.56				
S3P1-112	A	Prep& xfr completed assembly to Stage 4 area	06NOV07	2	07NOV07		103		0.00	4,102.08	1,997.28				
<b>Station 3-Assemble Mod Coils and VVSA-FP#2</b>															
S3P2-101	A	Mount VV to MC turning fixt base; metr check	08NOV07	2	09NOV07		114		0.00	4,102.08	3,994.56				
S3P2-101.1	A	Attach local protective strips to VV&locate sens	12NOV07	2	13NOV07		114		0.00	2,734.72	2,663.04				
S3P2-102	A	Mount MC on crane; perform metr checks	05DEC07	2	06DEC07		101		0.00	4,102.08	3,994.56				
S3P2-103	A	Rotate right MC to stand-off position&chk	07DEC07	3	11DEC07		101		0.00	6,153.12	5,991.84				
S3P2-104	A	Transfer load to supt sys and recheck position	12DEC07	2	13DEC07		101		0.00	4,102.08	3,994.56				
S3P2-105	A	Move MC turning fixt; mount MC on crane	14DEC07	1	14DEC07		101		0.00	2,051.04	1,997.28				
S3P2-106	A	Rotate left MC to stand-off position and check p	17DEC07	2	18DEC07		101		0.00	4,102.08	3,994.56				
S3P2-107	A	Move left & right MC to final position & measure	19DEC07	2	20DEC07		101		0.00	4,102.08	3,994.56				
S3P2-108	A	Install shims ( as reqd); ream 24 holes	21DEC07	10	14JAN08		101		0.00	20,510.40	23,391.20				

EM/TB =360hr ;  
EM/TB =360hr ;  
EM/TB =360hr ;  
EM/TB =360hr ;  
EM/TB =360hr ;  
EM/TB =360hr ;

\*\*\*\*\*  
 BEGIN ASSEMBLY OF FIRST FIELD PERIOD  
 DOE LEVEL 2 MILESTONE  
 PEP DATE = JULY 2007  
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EM/TB =384hr  
EM/TB =48hr  
EM/TB =32hr ;  
EM/TB =48hr  
EM/TB =72hr ;  
EM/TB =48hr ;  
EM/TB =24hr ;  
EM/TB =48  
EM/TB =48hr ;  
EM/TB =240hr ;  
EM/TB =120hr ;  
EM/TB =72hr ;  
em/tb=48  
EM/TB =72hr ;  
EM/TB =48hr ;  
EM/TB =48hr ;  
EM/TB =32hr ;  
EM/TB =48hr ;  
EM/TB =72hr ;  
EM/TB =48hr ;  
EM/TB =24hr ;  
EM/TB =48hr ;  
EM/TB =48hr ;  
EM/TB =48hr ;  
EM/TB =240hr ;

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year					
												FY07	FY08	FY09	FY10		
S3P2-109	A	Bolt together at flange interface.	15JAN08	5	21JAN08		101		0.00	10,255.20	4,102.08						EM/TB =120hr ;
S3P2-110	A	Perform final metrology position check	22JAN08	3	24JAN08		101		0.00	6,153.12	2,734.72						EM/TB =72hr ;
S3P2-110.1	A	Remove temp interference strips&sensors	25JAN08	2	28JAN08		101		0.00	4,102.08	683.68						EM/TB =48hr ;
S3P2-111	A	Secure VV to MC's using temporary supports.	29JAN08	3	31JAN08		101		0.00	6,153.12	4,102.08						EM/TB =72hr ;
S3P2-112	A	Prep& xfr completed assembly to Stage 4 area	01FEB08	2	04FEB08		101		0.00	4,102.08	2,051.04						EM/TB =48hr ;
<b>Station 3-Assemble Mod Coils and VVSA-FP#3</b>																	
S3P3-101	A	Mount VV to MC turning fixt base; metr check	08FEB08	2	11FEB08		98		0.00	4,102.08	4,102.08						EM/TB =48hr ;
S3P3-101.1	A	Attach local protective strips to VV&locat sens	12FEB08	2	13FEB08		98		0.00	2,734.72	2,734.72						EM/TB =32hr ;
S3P3-102	A	Mount MC on crane; perform metr checks	15FEB08	2	18FEB08		97		0.00	4,102.08	4,102.08						EM/TB =48hr ;
S3P3-103	A	Rotate right MC to stand-off position&chk	19FEB08	3	21FEB08		97		0.00	6,153.12	6,153.12						EM/TB =72hr ;
S3P3-104	A	Transfer load to supt sysand recheck position	22FEB08	2	25FEB08		97		0.00	4,102.08	4,102.08						EM/TB =48hr ;
S3P3-105	A	Move MC turning fixt; mount MC on crane	26FEB08	1	26FEB08		97		0.00	2,051.04	2,051.04						EM/TB =24hr ;
S3P3-106	A	Rotate left MC to stand-off position and check p	27FEB08	2	28FEB08		97		0.00	4,102.08	4,102.08						EM/TB =48hr ;
S3P3-107	A	Move left & right MC to final position & measure	29FEB08	2	03MAR08		97		0.00	4,102.08	4,102.08						EM/TB =48hr ;
S3P3-108	A	Install shims ( as reqd); ream 24 holes	04MAR08	10	17MAR08		97		0.00	20,510.40	23,928.80						EM/TB =240hr ;
S3P3-109	A	Bolt together at flange interface.	18MAR08	5	24MAR08		97		0.00	10,255.20	4,102.08						EM/TB =120hr ;
S3P3-110	A	Perform final metrology position check	25MAR08	3	27MAR08		97		0.00	6,153.12	2,734.72						EM/TB =72hr ;
S3P3-110.1	A	Remove temp interference strips&sensors	28MAR08	2	31MAR08		97		0.00	4,102.08	683.68						EM/TB =48hr ;
S3P3-111	A	Secure VV to MC's using temporary supports.	01APR08	3	03APR08		97		0.00	6,153.12	4,102.08						EM/TB =72hr ;
S3P3-112	A	Prep& xfr completed assembly to Stage 4 area	04APR08	2	07APR08		97		0.00	4,102.08	2,051.04						EM/TB =48hr ;
<b>Station 4 - TF HP Pre-Assy</b>																	
184-000	A	Test out station 4 equipment and procedures	10SEP07	30	19OCT07		118		0.00	40,483.20	0.00						em/tb=480
184-100	A	Assemble 3 TF coils&structure -Left-Period #1	22OCT07	15	09NOV07		118		0.00	30,765.60	37,110.40						em/tb=360
184-105	A	Assemble 3 TF coils&structure -Right -Period #1	12NOV07	10	23NOV07		118		0.00	20,510.40	37,509.76						em/tb=240
184-105AD	A	Assemble/disassemble TF 6 pac (FP#1)	26NOV07	10	11DEC07		118		0.00	20,510.40	0.00						em/tb=240
184-110	A	Assemble 3 TF coils&structure -Left-Period #2	12DEC07	10	03JAN08		151		0.00	20,510.40	38,108.80						em/tb=240
184-115	A	Assemble 3 TF coils&structure -Right -Period #2	04JAN08	10	17JAN08		151		0.00	20,510.40	38,108.80						em/tb=240
184-115AD	A	Assemble/disassemble TF 6 pac (FP#2)	18JAN08	5	24JAN08		151		0.00	10,255.20	0.00						em/tb=120
184-120	A	Assemble 3 TF coils&structure -Left -Period #3	25JAN08	10	07FEB08		159		0.00	20,510.40	38,108.80						em/tb=240
184-125	A	Assemble 3 TF coils&structure -Right -Period #3	17APR08	10	30APR08		110		0.00	20,510.40	38,108.80						em/tb=240
184-125AD	A	Assemble/disassemble TF 6 pac (FP#3)	01MAY08	5	07MAY08		110		0.00	10,255.20	0.00						em/tb=120
<b>Station 5- Final FP Assy -FP#1 (in NCSX TC)</b>																	
S4P1-100	A	Testout Sta5 equipt & procedures	15AUG07	15	05SEP07		148		0.00	29,959.20	0.00						EM/TB =360hr ;
S4P1-101	A	Mount MC/VV assembly to support frame a	08NOV07	2	09NOV07		103		0.00	4,102.08	3,994.56						EM/TB =48hr ;
S4P1-102	A	Position and weld all ports to VV	12NOV07	30	03JAN08	2	103		0.00	82,041.60	79,891.20						EM/TB =960hr ;
S4P1-103	A	Inspect Welds	17JAN08	5	23JAN08		94		0.00	6,836.80	6,657.60						EM/TB =80hr ;
S4P1-104	A	Assemble left TF Coil Assembly check position	24JAN08	3	28JAN08		94		0.00	8,204.16	8,132.48						EM/TB =96hr ;

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<span style="color:blue">█</span>	Forecast
<span style="color:grey">█</span>	zECP-50 baseline
<span style="color:red">█</span>	Progress Bar
<span style="color:red">█</span>	Critical Activity

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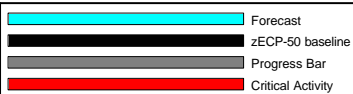
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PROJECT ETC UPDATED  
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**Progress Through July 31st 2006**

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	FY									
												FY07	FY08	FY09	FY10						
S4P1-105	A	Change platforms	29JAN08	2	30JAN08		94		0.00	4,102.08	4,102.08										
S4P1-106	A	Assemble right TF Coil Assembly chk position	31JAN08	3	04FEB08		94		0.00	8,204.16	8,204.16										
S4P1-107	A	Attach TF coils to MC's	05FEB08	3	07FEB08		94		0.00	6,153.12	6,153.12										
S4P1-108	A	Change platforms	08FEB08	2	11FEB08		94		0.00	5,469.44	5,469.44										
S4P1-109	A	Position, weld two large horizontal diag ports	12FEB08	8	21FEB08		94		0.00	16,408.32	16,408.32										
S4P1-110	A	Inspect Welds	22FEB08	1	22FEB08		94		0.00	1,367.36	1,367.36										
S4P1-111	A	Assemble external trim coils (in wbs75)	05FEB08	0	04FEB08		108		0.00	0.00	20,510.40										
S4P1-112	A	Close up VV, leak check	25FEB08	10	07MAR08		94		0.00	54,694.40	54,694.40										
S4P1-113	A	Adjust final support base interfaces	10MAR08	10	21MAR08		94		0.00	4,102.08	4,102.08										
S4P1-113.5	A	Final metrology outside & inside	24MAR08	10	04APR08		94		0.00	0.00	0.00										
S4P1-114	A	Prepare Field Period for shipment	07APR08	2	08APR08		94		0.00	4,102.08	4,102.08										
S4P1-115	A	Transfer completed assy to C-site test cell	09APR08	2	10APR08		94		0.00	6,836.80	6,836.80										
<b>Station 5- Final FP Assy -FP#2 (in NCSX TC)</b>																					
S4P2-101	A	Mount MC/VV assembly to support frame a	05FEB08	2	06FEB08		107		0.00	4,102.08	4,102.08										
S4P2-102	A	Position and weld all ports to VV	07FEB08	30	19MAR08	2	107		0.00	82,041.60	82,041.60										
S4P2-103	A	Inspect Welds	20MAR08	5	26MAR08		107		0.00	6,836.80	6,836.80										
S4P2-104	A	Assemble left TF Coil Assembly check position	27MAR08	3	31MAR08		107		0.00	8,204.16	8,204.16										
S4P2-105	A	Change platforms	01APR08	2	02APR08		107		0.00	4,102.08	4,102.08										
S4P2-106	A	Assemble right TF Coil Assembly chk position	03APR08	3	07APR08		107		0.00	8,204.16	8,204.16										
S4P2-107	A	Attach TF coils to MC's	08APR08	3	10APR08		107		0.00	6,153.12	6,153.12										
S4P2-108	A	Change platforms	11APR08	2	14APR08		107		0.00	5,469.44	5,469.44										
S4P2-109	A	Position, weld two large horizontal diag ports	15APR08	8	24APR08		107		0.00	16,408.32	16,408.32										
S4P2-110	A	Inspect Welds	25APR08	1	25APR08		107		0.00	1,367.36	1,367.36										
S4P2-111	A	Assemble external trim coils (in wbs75)	08APR08	0	07APR08		121		0.00	0.00	20,510.40										
S4P2-112	A	Close up VV, leak check	28APR08	10	09MAY08		107		0.00	54,694.40	54,694.40										
S4P2-113	A	Adjust final support base interfaces	12MAY08	10	23MAY08		107		0.00	4,102.08	4,102.08										
S4P2-113.5	A	Final metrology outside & inside	27MAY08	10	09JUN08		107		0.00	0.00	0.00										
S4P2-114	A	Prepare Field Period for shipment	10JUN08	2	11JUN08		107		0.00	4,102.08	4,102.08										
S4P2-115	A	Transfer completed assy to C-site test cell	12JUN08	2	13JUN08		107		0.00	6,836.80	6,836.80										
<b>Station 5- Final FP Assy -FP#3 (in NCSX TC)</b>																					
S4P3-101	A	Mount MC/VV assembly to support frame a	11APR08	2	14APR08	2	94		0.00	4,102.08	4,102.08										
S4P3-102	A	Position and weld all ports to VV*2 shift*	15APR08	30	27MAY08	2	94		0.00	82,041.60	82,041.60										
S4P3-103	A	Inspect Welds	28MAY08	3	30MAY08	2	94		0.00	6,836.80	6,836.80										
S4P3-104	A	Assemble left TF Coil Assembly check position	02JUN08	1	02JUN08	2	94		0.00	8,204.16	8,204.16										
S4P3-105	A	Change platforms	03JUN08	1	03JUN08	2	94		0.00	4,102.08	4,102.08										
S4P3-106	A	Assemble right TF Coil Assembly chk position	04JUN08	2	05JUN08	2	94		0.00	8,204.16	8,204.16										
S4P3-107	A	Attach TF coils to MC's	06JUN08	1	06JUN08	2	94		0.00	6,153.12	6,153.12										

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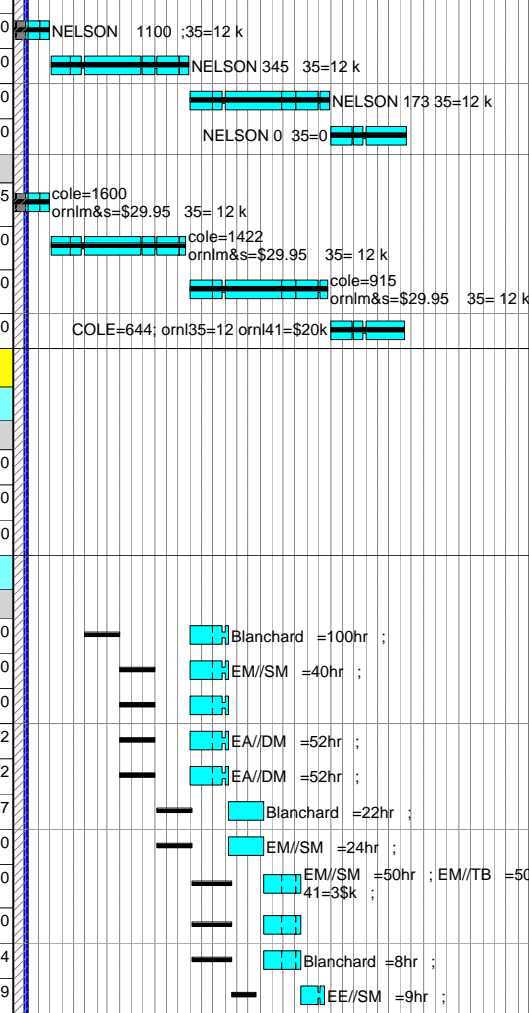
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PLAN 9/14/06

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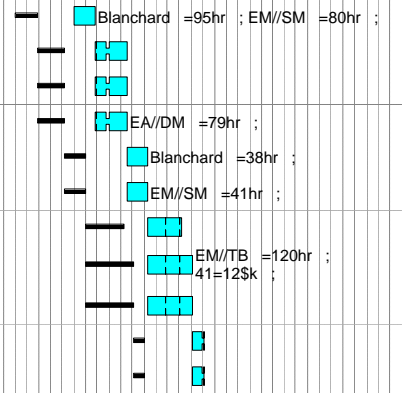
Progress Through July 31st 2006

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year						
												FY07	FY08	FY09	FY10			
S4P3-108	A	Change platforms	09JUN08	1	09JUN08	2	94		0.00	5,469.44	5,469.44							
S4P3-109	A	Position, weld two large horizontal diag ports	10JUN08	4	13JUN08	2	94		0.00	16,408.32	16,408.32							
S4P3-110	A	Inspect Welds	16JUN08	1	16JUN08	2	94		0.00	1,367.36	1,367.36							
S4P3-111	A	Assemble external trim coils (in wbs75)	06JUN08	0	05JUN08	2	101		0.00	0.00	20,510.40							
S4P3-112	A	Close up VV, leak check	17JUN08	5	23JUN08	2	94		0.00	54,694.40	54,694.40							
S4P3-113	A	Adjust final support base interfaces	24JUN08	5	30JUN08	2	94		0.00	4,102.08	4,102.08							
S4P3-113.5	A	Final metrology outside & inside	01JUL08	5	08JUL08	2	94		0.00	0.00	0.00							
S4P3-114	A	Prepare Field Period for shipment	09JUL08	1	09JUL08	2	94		0.00	4,102.08	4,102.08							
S4P3-115	A	Transfer completed assy to C-site test cell	10JUL08	1	10JUL08	2	94		0.00	6,836.80	6,836.80							
S4P3-115X	A	Last field period assembled		0	26NOV08*	2	209		0.00	0.00	0.00							
LAST FIELD PERIOD ASSEMBLED DOE LEVEL 2 MILESTONE PEP DATE = NOVEMBER 2008																		
FY06CV-150	A	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	400.00	400.00	400.00							
<b>19 - Stellarator Core Management and Integration</b>																		
<b>Job: 1901 - Stellarator Core Mngtt&amp;Integr-NELSON</b>																		
<b>Prior Costs</b>																		
192-4	A	LOE-FY05 WBS 192-4 Design Integration Activities	01OCT03A	250*	30SEP04A			LOE	234,660.11	234,660.11	234,660.11							
192-5	A	LOE-FY05 WBS 192-5 VV & Coil Services Integr	01OCT03A	250*	30SEP04A			LOE	36,676.65	36,676.65	36,676.65							
192-6	A	LOE-FY05 WBS 192-6 Integrated Analysis	01OCT03A	271	30SEP04A			LOE	42,333.00	42,333.00	42,333.00							
192-6.08	A	Indep check time constant calcs using EDDYCUFF	01MAY04A	138*	30SEP04A			100	10,295.20	10,295.20	10,295.20							
192-6.09	A	Revised VV geometry	02FEB04A	6	27FEB04A			100	3,090.00	3,090.00	3,090.00							
192-6.10	A	MC interf during assly, geometry, assly trajecto	02FEB04A	31	27FEB04A			100	32,957.60	32,957.60	32,957.60							
192-6.11	A	Range of motion reqts for Assly MC fixture.	02FEB04A	20	27FEB04A			100	17,507.60	17,507.60	17,507.60							
192-6.12	A	Final Check & Verification	01MAY04A	6	28MAY04A			100	3,708.00	3,708.00	3,708.00							
192-6.2	A	Final Mod Coil Trajectories		0	27FEB04A				0.00	0.00	0.00							
192-6.5	A	Structural Design criteria		0	28MAY04A			100	0.00	0.00	0.00							
1901-002	A	Apr-Sept MIE Costs ORNL	01APR03A	248	30SEP03A			100	187,090.00	187,090.00	187,090.00							
1901-003	A	Apr-Sept MIE Costs PPPL	01APR03A	248	30SEP03A			100	67,070.00	67,070.00	67,070.00							
1901-ECP16	A	ecp16	01OCT03A	250*	30SEP04A			LOE	30,000.00	30,000.00	30,000.00							
191-4	A	LOE-FY04 WBS 191-4 Management Activities	01OCT03A	250*	30SEP04A			LOE	101,500.00	101,500.00	101,500.00							
0191-5	A	LOE-FY05 WBS 191	01OCT04A	249*	30SEP05A			LOE	175,500.00	175,500.00	175,500.00							
192-6.01	A	Document coil tolerance and trim coil requiremen	01MAR04A	357*	29JUL05A			100	19,284.37	19,284.37	19,284.37							
192-6.02	A	Check critical coil tolerance calculations.	01APR04A	207*	31JAN05A			100	11,098.48	11,098.48	11,098.48							
192-6.03	A	Method for determining current center	01FEB04A	234*	30DEC04A			100	86,626.35	86,626.35	86,626.35							
192-6.06	A	Coil positions to minimize islands.	02FEB04A	270	28FEB05A			100	66,401.76	66,401.76	66,401.76							

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year				
												FY07	FY08	FY09	FY10	
192-6.031	A	Demo Method for current center on TRC	18JUN05A	173*	28FEB06A			100	72,473.30	72,473.30	72,473.30					
0192-5	A	LOE-FY05 WBS 192	01OCT04A	249*	30SEP05A			LOE	280,350.00	280,350.00	280,350.00					
FY05CV-31	A	FY05 unrecoverable cost variance	01OCT04A	251*	30SEP05A				9,000.00	9,000.00	9,000.00					
FY06CV-155	A	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	2,540.00	2,540.00	2,540.00					
<b>191 - Stellarator Core Management &amp; Oversight</b>																
192-6.07	A	Time constant calcs using SPARK	01APR04A	42*	28MAY04A			100	6,180.00	6,180.00	6,180.00					
0191-6	A	LOE-FY06 WBS 191	03OCT05A	249*	29SEP06		502	LOE	163,559.10	197,774.00	197,774.00					
0191-6X	A	LOE-FY07 WBS 191	03OCT06*	247	27SEP07		501	LOE	0.00	71,713.50	201,498.00					
0191-7	A	LOE-FY08 WBS 191	03OCT07*	247	29SEP08		251	LOE	0.00	43,591.00	99,976.00					
191-8	A	LOE-FY09 WBS 191	03OCT08*	130	15APR09		118	LOE	0.00	0.00	51,804.00					
<b>192 - Stellarator Core Integration &amp; Analysis</b>																
0192-6	A	LOE-FY06 WBS 192	03OCT05A	249*	29SEP06		507	LOE	258,422.16	312,481.45	312,481.45					
0192-6X	A	LOE-FY07 WBS 192	03OCT06*	242	20SEP07		506	LOE	0.00	287,818.10	158,033.60					
0192-7	A	LOE-FY08 WBS 192	03OCT07*	242	22SEP08		256	LOE	0.00	207,916.40	151,531.40					
0192-99	A	LOE-FY09	01OCT08*	130	13APR09		120	LOE	0.00	153,664.00	101,860.00					
<b>21 - Fueling Systems</b>																
<b>Job: 2001-VPS, Gas &amp; Cond Sys Oversight-BLANCHARD</b>																
2001-001	B	Apr-May MIE Cost	01APR03A	43*	30MAY03A			100	38,000.00	38,000.00	38,000.00					
2001-100	B	PDR Support	01JUN03A	164*	30SEP03A			LOE	25,667.20	25,667.20	25,667.20					
FY06CV-160	B	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	-770.00	-770.00	-770.00					
<b>Job: 2101 - Fueling Systems</b>																
<b>ECP 16 October 2004</b>																
21-10	B	Eng. Work Planning and Design	01OCT07*	65	10JAN08		96		0.00	18,208.00	17,730.00					
21-15	B	Design Gas Handling Hardware	01OCT07	65	10JAN08		96		0.00	5,246.28	5,109.00					
21-20	B	Design PLC Controls	01OCT07	65	10JAN08		161		0.00	0.00	0.00					
21-25	B	Electrical Drafting for pumping system	01OCT07	65	10JAN08		161		0.00	6,320.60	6,154.72					
21-30	B	Drafting	01OCT07	65	10JAN08		161		0.00	6,320.60	6,154.72					
21-35	B	Eng. Work Planning and Design during fab	11JAN08	65	10APR08		161		0.00	4,005.76	3,907.07					
21-40	B	Fabrication/Install Hardware	11JAN08	65	10APR08		96		0.00	3,228.48	3,149.20					
21-45	B	Fabrication/installation	11APR08	65	14JUL08		96		0.00	15,214.00	15,214.00					
21-55	B	Install PLC Controls	11APR08	65	14JUL08		96		0.00	0.00	0.00					
21-60	B	Integrated Systems Testing/Eng	11APR08	65	14JUL08		96		0.00	1,456.64	1,456.64					
21-65	B	Integrated Systems Testing/Tech Support	15JUL08	45	16SEP08		96		0.00	1,196.19	1,196.19					

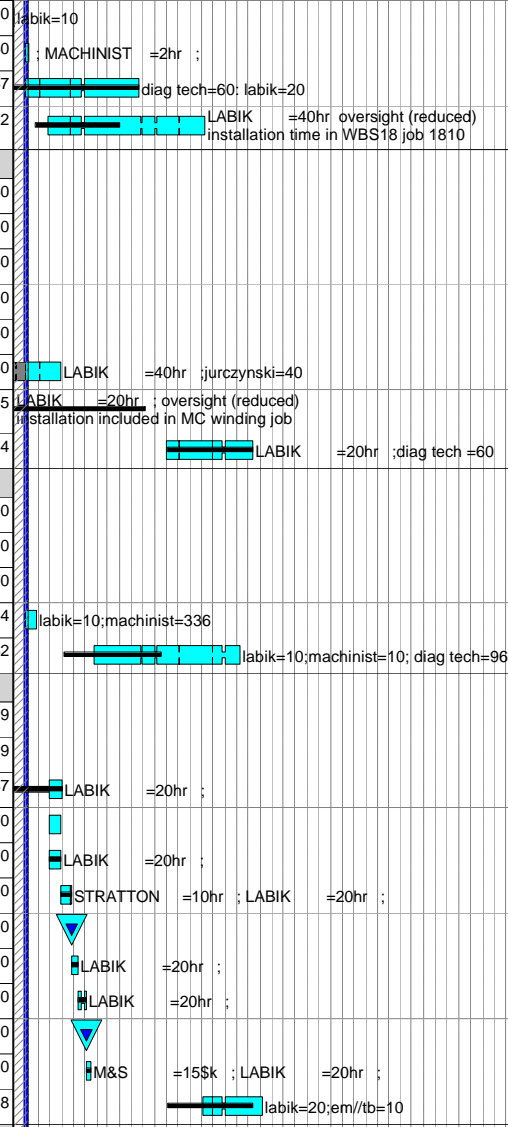


Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year					
												FY07	FY08	FY09	FY10		
<b>22 - Torus Vacuum Pumping Systems</b>																	
<b>Job: 2201 - Vacuum Pumping Systems</b>																	
22-25	B	Eng. Work Planning and Design	01OCT07*	40	23NOV07		113		0.00	28,059.20	27,323.50						
22-30	B	Design PLC based control system *N/R*	26NOV07	50	14FEB08		153		0.00	0.00	0.00						
22-35	B	Electrical Drafting for pumping system *N/R*	26NOV07	50	14FEB08		173		0.00	0.00	0.00						
22-40	B	Drafting	26NOV07	50	14FEB08		113		0.00	9,602.45	9,350.44						
22-45	B	Eng. Work Planning and Design during fab	15FEB08	40	10APR08		133		0.00	6,919.04	6,846.38						
22-50	B	Perform maint. & repair of pmpg sys	15FEB08	40	10APR08		113		0.00	5,515.32	5,457.59						
22-55	B	Repair and Calibration vac instrumentation*N/R*	11APR08	60	07JUL08		133		0.00	0.00	0.00						
22-60	B	Fabrication/installation	11APR08	80	04AUG08		113		0.00	27,115.20	27,115.20						
22-65	B		11APR08	80	04AUG08		113		0.00	0.00	0.00						
22-70	B	Integrated Systems Testing/Eng *N/R*	05AUG08	20	02SEP08		113		0.00	0.00	0.00						
22-75	B	Integrated Systems Testing/Tech Support*N/R*	05AUG08	20	02SEP08		113		0.00	0.00	0.00						
<b>+ 25 - Neutral Beam Injection System</b>																	
	B		01APR03A	757	30MAR06A				285,017.67	285,017.67	285,017.67						
<b>31 - Magnetic Diagnostics</b>																	
<b>Job: 3101 Magnetic Diagnostics</b>																	
<b>Vacuum Vessel Saddle Loops</b>																	
3101-105	A	DEVELOP LOCATING, MOUNTING STRATEGY	01JAN05A	20	31JAN05A		100		1,000.00	1,000.00	1,000.00						
3101-109	A	INTEGRATE LOOP AND LEAD DESIGN WITH H/C	01JAN05A	40	28FEB05A		100		6,416.80	6,416.80	6,416.80						
3101-113	A	INTEGRATE LAYOUT, MEAS NEEDS W/ VSL	01JAN05A	40	28FEB05A		100		3,208.40	3,208.40	3,208.40						
3101-117	A	DEVELOP CONSTRAINTS FOR ARRAY LAYOUT	01JAN05A	20	31JAN05A		100		0.00	0.00	0.00						
3101-121	A	LAYOUT CANDIDATE SENSOR ARRAY ON PRO-E	01FEB05A	20	28FEB05A		100		0.00	0.00	0.00						
3101-125	A	PDR PREP -VESSEL SADDLE LOOP MOUNTING	02MAY05A	5	31MAY05A		100		9,483.60	9,483.60	9,483.60						
3101-126	A	PEER REVIEW -VESSEL SADDLE LOOP		0	31MAY05A		100		0.00	0.00	0.00						
3101-129	A	DESIGN AND PROTOTYPE SADDLE LOOP	01MAR05A	107*	29JUL05A		100		7,643.52	7,643.52	7,643.52						
3101-133	A	Prototype loops on vsl proto segment using ARI	01MAR05A	107*	29JUL05A		100		6,189.20	6,189.20	6,189.20						
3101-137	A	FINAL OPTIMIZATION OF LOOP LOCATION, AREA	01JAN05A	193*	30SEP05A		100		0.00	0.00	0.00						
3101-149	A	PREPARE METROLOGY	01JUN05A	87*	31AUG05A		100		6,416.80	6,416.80	6,416.80						
3101-145	A	Procure MI Cable	26SEP05A	68*	23DEC05A		100		22,182.57	22,182.57	22,182.57						
3101-139	A	Develop ProE model of loops, flat dev, fiducials	26SEP05A	254*	30JUN06A		100		20,859.52	20,859.52	20,851.24						
3101-141	A	FDR PREP-	01DEC05A	123*	31MAY06A		100		10,410.60	10,410.60	10,410.60						
3101-142	A	FDR - VESSEL SADDLE LOOP TEMPLATES		0	16DEC05A		100		0.00	0.00	0.00						
3101-153	A	Fab Installation Templates (for FP assy)	01JAN06A	41*	28FEB06A		100		2,619.92	2,619.92	2,619.92						
3101-143	A	FDR - VESSEL SADDLE LOOP INSTALLATION		0	31MAY06A		100		0.00	0.00	0.00						
3101-146	A	Procure remaining materials	01OCT05A	99*	28FEB06A		100		12,424.40	12,424.40	12,424.40						



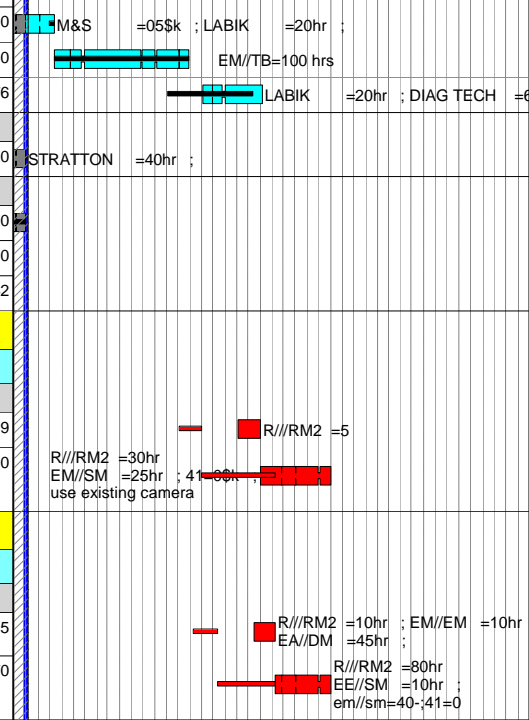
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Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	FY				
												FY07	FY08	FY09	FY10	
3101-157	A	Design & fab tooling and clamps	01JUN05A	209*	31MAR06A			100	13,035.67	13,035.67	13,035.67					
3101-167	A	Design voltage loops	01DEC05A	123*	31MAY06A			100	3,470.20	3,470.20	3,470.20					
3101-169	A	Voltage loop connection peer review	30JUN06A	1	30JUN06A			100	1,735.10	1,735.10	1,735.10					
3101-154	A	Fab Installation Templates (for spacers)	01AUG06	5	07AUG06			98	0.00	256.40	256.40					
3101-165	A	Identify lead wires at multiple locations	01AUG06*	201*	21MAY07			591	0	8,500.13	8,465.47					
3101-161	A	SUPT LOOP INSTL 200 LOOPS), TESTING	27SEP06	280*	07NOV07			98	0.00	7,109.50	7,066.22					
<b>Modular Coil C-wound Loops</b>																
3101-205	A	MOUNTING/LOCATING STRATEGY MC	01JAN05A	20	31JAN05A			100	3,208.40	3,208.40	3,208.40					
3101-209	A	PROTOTYPE ON TWISTED RACETRACK	01MAR05A	20	31MAR05A			100	4,741.80	4,741.80	4,741.80					
3101-213	A	DESIGN TERMINATION	01MAR05A	130*	31AUG05A			100	7,302.40	7,302.40	7,302.40					
3101-221	A	PROCURE MATERIALS	25JUL05A	0*	29JUL05A			100	6,410.90	6,410.90	6,410.90					
3101-217	A	Peer review of lead routing	31JAN06A	0*	31JAN06A			100	6,940.40	6,940.40	6,940.40					
3101-230	A	Install heat shrink tubing on MI cable	31JAN06A	192*	30OCT06		263	15	1,814.59	12,097.23	12,068.40					
3101-229	A	SUPPORT NSTALLATION	01MAR06A	318*	30JUN06A			100	3,470.20	3,470.20	3,511.55					
3101-231	A	Terminate MC co-wound loops	01AUG07*	149*	10MAR08			393	0.00	11,626.32	11,630.84					
<b>Termination Boxes</b>																
3101-333	A	Complete termination box design & prototyping	26SEP05A	47*	31OCT05A			100	10,833.80	10,833.80	10,833.80					
3101-421	A	FDR of terminations incl in saddle loop FDR	31MAY06A	1	31MAY06A			100	0.00	0.00	0.00					
3101-422	A	Fab Prototype term. Box	01MAY06A	20	31MAY06A			100	3,257.60	3,257.60	3,257.60					
3101-517	A	Fab termination boxes (24)	01AUG06	20	28AUG06			772	0.00	29,098.94	29,098.94					
3101-517A	A	Install termination boxes	24JAN07	260*	07FEB08			98	0.00	10,687.57	10,594.32					
<b>Rogowski Coils</b>																
3101-301	A	LAYOUT LOCATION ROWGOSKI COIL & EST COIL	01JUN05A	166*	31JAN06A			100	4,924.69	4,924.69	4,924.69					
3101-309	A	DESIGN COIL MOUNTING TECHNIQUE	26SEP05A	127*	31MAR06A			100	3,459.89	3,459.89	3,459.89					
3101-305	A	work on coil design with vendor	03OCT05A	165*	31OCT06			727	75	2,610.23	3,480.31	3,480.37				
3101-312	A	Mandrel prototype	02OCT06*	20	27OCT06			729	0.00	0.00	0.00					
3101-313	A	DESIGN LEAD ROUTING AND TERMINATION	02OCT06*	20	27OCT06			151	0.00	3,546.00	3,546.00					
3101-317	A	PDR PREP- ROWGOWSKI COIL	30OCT06*	20	28NOV06			151	0.00	5,238.10	5,238.10					
3101-318	A	PDR - ROWGOWSKI COIL		0	28NOV06*			151	0.00	0.00	0.00					
3101-321	A	Specify Rogowski Coils	29NOV06*	10	12DEC06			151	0.00	3,546.00	3,546.00					
3101-325	A	FDR PREP ROWGOSKI COIL	13DEC06*	10	03JAN07			151	0.00	3,546.00	3,546.00					
3101-326	A	FDR - ROWGOSKI COIL		0	03JAN07			151	0.00	0.00	0.00					
3101-329	A	FAB ROWGOWSKI COILS (2)	04JAN07	10	17JAN07			151	0.00	24,111.00	24,111.00					
3101-337	A	INSTALL COILS AND TERMINATIONS	06NOV07	101*	07APR08			97	0.00	4,496.20	4,464.68					
<b>TF and PF Co-wound Loops</b>																
3101-401	A	MOUNTING/LOCATING TECHNIQUE TF	25JUL05A	28*	31AUG05A			100	6,275.20	6,275.20	6,275.20					
3101-405	A	DESIGN TERMINATION N/R	01AUG06	1	01AUG06			791	0.00	0.00	0.00					

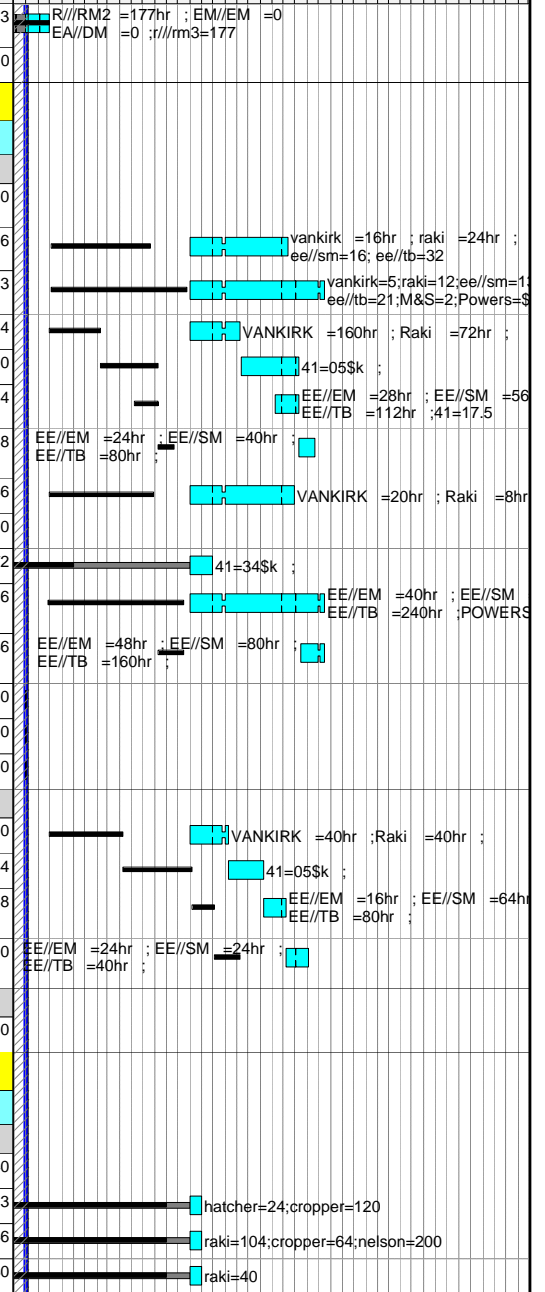




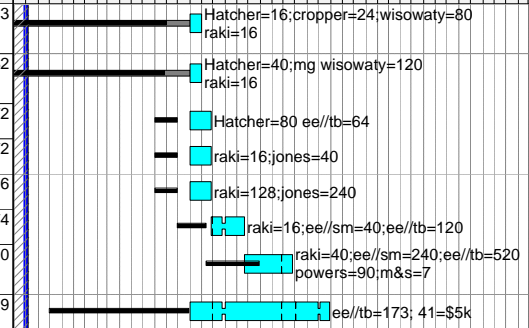
Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year				
												FY07	FY08	FY09	FY10	
3101-409	A	FINALIZE LOOP LOCATION/MOUNTING	01AUG05A	20	31AUG05A			100	6,416.80	6,416.80	6,416.80					
3101-417	A	PROCURE MATERIALS	01MAY06A	115*	11OCT06		500	90	9,297.42	10,330.47	10,401.00					
3101-425	A	INSTALL HEAT SHRINK CABLE	12OCT06	241*	28SEP07		500		0.00	8,322.00	8,322.00					
3101-429	A	INSTALL TERMINATIONS	06NOV07	101*	07APR08		97		0.00	8,769.20	8,707.76					
<b>Modular Coil Shell Saddle Loops**CANCELLED SCOPE</b>																
3101-501	A	DETERMINE NUMEBR AND LOCATION OF LOOPS	01MAY06A	64*				100	3,311.80	3,311.80	3,311.80					
ECP50-100	A	ECP50 Mod coil shell saddle loop deletion	01OCT05A	251	31JUL06A				59,420.00	59,420.00	59,420.00					
FY05CV-32	A	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				30,000.00	30,000.00	30,000.00					
FY06CV-01	A	FY06 YTD cost vari (offset by scope reductions)	01OCT05A	251	28FEB06A				83,621.42	83,621.42	83,621.42					
<b>36 - Edge and Divertor Diagnostics</b>																
<b>Job: 3601 - Edge and Divertor Diagnostics</b>																
361-001	B	Design Visible Camera sys	06FEB08*	40	01APR08		83		0.00	868.80	857.99					
361-015	B	Fab/Assy/Installation Visible Camera	02APR08*	130	03OCT08		83		0.00	8,589.23	8,575.80					
<b>38 - Electron Beam (EB) Mapping</b>																
<b>Job: 3801 - Electron Beam Mapping</b>																
380-010	B	Designe-Beam Probe,Fluor. Screen	17MAR08	40	09MAY08		83		0.00	9,028.15	9,028.15					
380-015	B	Fab & Install Beam probe	12MAY08*	102	03OCT08		83		0.00	20,651.83	20,610.70					
<b>39 - Diagnostics Integration</b>																
<b>Job: 3901 - Diagnostics sys Integration-JOHNSON</b>																
<b>Prior Costs</b>																
390-001	B	LOE Support FY03	01APR03A	151*	30SEP03A			100	155,450.00	155,450.00	155,450.00					
390-100	B	Finalize VV ports (number,size,locations)		0	30JUN04A			100	0.00	0.00	0.00					
390-110	B	Resolve port interferences.Final port config		0	30JUN04A			100	0.00	0.00	0.00					
390-120	B	Update port map&revise diag port assignments		0	31OCT05A			100	0.00	0.00	0.00					
390-130	B	Rvw status of existing ICD's w/VV & Mod Coils		0	31JAN06A			100	0.00	0.00	0.00					
390-140	B	Write ICD's-Define external space for diagnostic		0	31JUL06*		792	50	0.00	0.00	0.00					
390-150	B	Write ICD's-Define space f/racks in cntrl rm		0	31JUL06*		792	50	0.00	0.00	0.00					
390-160	B	Start recruiting diag team at HTPD conference		0	30JUN04A			100	0.00	0.00	0.00					
390-170	B	Develop space envelopes for SXR		0	31JAN06A			100	0.00	0.00	0.00					
390-180	B	Hold CDR's co-wound mag sensors&ext saddle		0	31OCT05A			100	0.00	0.00	0.00					
390-010	B	LOE Support FY04	01OCT03A	250*	30SEP04A			LOE	65,000.00	65,000.00	65,000.00					
390-015	B	LOE Support FY05 **reduced scope	01OCT04A	249*	30SEP05A			LOE	66,357.30	66,357.30	66,357.30					



Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year					
												FY07	FY08	FY09	FY10		
390-020	B	LOE Support FY06	03OCT05A	249*	29SEP06		749	LOE	58,315.93	70,515.03	70,515.03						
FY05CV-33	B	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-12,000.00	-12,000.00	-12,000.00						
<b>41 - AC Power</b>																	
<b>Job: 4101 - AC Power-RAMAKRISHNAN</b>																	
<b>411 - Auxiliary AC Power Systems</b>																	
4101-100	B	Prepare Preliminary One line diagram	01MAR04A	173*	30SEP04A			100	8,442.00	8,442.00	8,442.00						
4101-100.1	B	Prepare Preliminary One line diagram	01OCT07*	173	11JUN08		327		0.00	1,105.97	1,076.96						
411-1-100	B	Ex-Test cell AC pwr-Reactivate& new instl	01OCT07*	241	17SEP08		259		0.00	13,285.15	12,950.93						
411-2-2	B	Grounding-Dsn	01OCT07*	86	08FEB08		114		0.00	32,148.08	31,305.04						
411-2-4	B	Grounding-Procure	11FEB08*	107	10JUL08		114		0.00	7,025.00	6,855.00						
411-2-6	B	Grounding-Install	09MAY08*	43	10JUL08		114		0.00	46,611.46	45,438.54						
411-2-8	B	Grounding-Commission	11JUL08*	29	20AUG08		114		0.00	16,436.96	16,005.68						
411-3-2	B	Test Cell AC Power Distr-Dsn	01OCT07*	186	30JUN08		150		0.00	3,842.12	3,741.36						
411-3-2.04	B	Test Cell AC Power fy04	01APR04A	186*	30SEP04A		100		73,000.00	73,000.00	73,000.00						
411-3-4	B	Test Cell AC Power Distr-Procure(pnl& xfrmrs)	01JUL05A	108*	28NOV07		293	20	9,052.19	45,260.93	44,783.72						
411-3-6	B	Test Cell AC Power Distr-Install	01OCT07*	358	17SEP08		95	50	15,713.05	31,426.08	30,789.26						
411-3-8	B	Test Cell AC Power Distr-Commission	16JUL08*	45	17SEP08		95		0.00	32,873.92	32,011.36						
411-4-2	B	Standby Power for Cryo Sys -Dsn	01AUG06	0	31JUL06		792		0.00	0.00	0.00						
411-4-4	B	Standby Power for Cryo Sys -Procure	01AUG06	0	31JUL06		792		0.00	0.00	0.00						
411-4-6	B	Standby Power for Cryo Sys -Install	01AUG06	0	31JUL06		792		0.00	0.00	0.00						
<b>412 - Experimental AC Power Systems</b>																	
412-1-2	B	D-site Pulsed AC Power Distr-Dsn	01OCT07*	65	10JAN08		103		0.00	11,917.60	11,605.20						
412-1-4	B	D-site Pulsed AC Power Distr-Procure	11JAN08	65	10APR08		103		0.00	7,025.00	6,860.44						
412-1-6	B	D-site Pulsed AC Power Distr-Install	11APR08	40	06JUN08		103		0.00	18,215.68	18,215.68						
412-1-8	B	D-site Pulsed AC Power Distr-Commission	09JUN08	40	04AUG08		103		0.00	10,866.80	10,866.80						
FY05CV-34	B	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				2,000.00	2,000.00	2,000.00						
<b>43 - DC Systems</b>																	
<b>Job: 4301 - DC Systems-RAMAKRISHNAN</b>																	
<b>431 - C-Site DC Systems</b>																	
431-260	B	Power loop design	01NOV04A	350*	23DEC05A			100	111,112.40	111,112.40	111,112.40						
431-200	B	Condition/spare parts inventory	01OCT04A	394*	31OCT07		477	95	16,987.59	17,881.68	17,836.93						
431-210	B	Organize & verify documentation	01OCT04A	394*	31OCT07		477	95	43,443.28	45,729.77	45,619.46						
431-215	B	Document status	01OCT04A	394*	31OCT07		477	90	5,788.39	6,431.54	6,417.30						



Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year					
												FY07	FY08	FY09	FY10		
431-225	B	Reactivate DF & PEI units	01JUL05A	209*	31OCT07		477	90	13,174.14	14,667.31	14,611.93						
431-230	B	Load test	01JUL05A	209*	31OCT07		477	90	16,997.66	18,915.66	18,841.32						
431-240	B	Simulate each of 6 pwr loops in PSCAD	01OCT07*	40	23NOV07		460		0.00	19,620.96	19,106.72						
431-250	B	c-site dc sys DGS dsn documentation	01OCT07*	40	23NOV07		460		0.00	7,684.24	7,482.72						
431-261	B	Redo power loop design	01OCT07*	40	23NOV07		179		0.00	51,749.92	50,392.96						
431-265	B	Fabricate bus components	26NOV07*	55	21FEB08		179		0.00	18,469.44	18,266.74						
431-275	B	Power cabling & Installation	22FEB08*	88	25JUN08		179		0.00	220,005.80	220,005.80						
431-276	B	Maint of C-site rectifiers	01OCT07*	249	29SEP08		251		0.00	21,918.57	21,357.59						
ECP494301	B	ECP49 job closeout for fy06	01OCT05A	251	31JUL06A				106,000.00	106,000.00	106,000.00						
FY05CV-35	B	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				69,000.00	69,000.00	69,000.00						

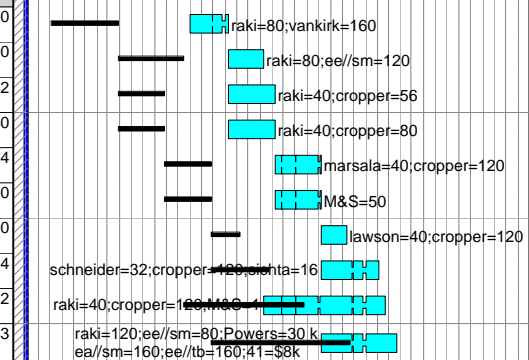


## 44 - Control and protection Systems

### Job: 4401 - Control & Protection-RAMAKRISHNAN

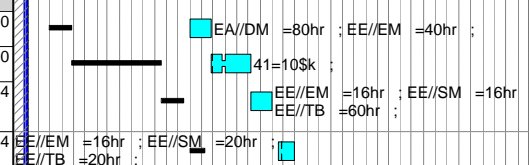
#### 441 - Electrical Interlocks

441-095	B	Design Interlock sys	01OCT07*	65	10JAN08		135		0.00	33,559.20	32,679.20						
441-097	B	Install Interlock sys	11JAN08	65	10APR08		156		0.00	30,060.40	29,272.00						
441-100	B	PLC Specification	11JAN08	85	08MAY08		135		0.00	14,498.56	14,118.32						
441-105	B	Prep Block diagrams	11JAN08	85	08MAY08		135		0.00	17,688.40	17,224.40						
441-110	B	PLC CWD's & Cabling	09MAY08*	85	09SEP08		135		0.00	23,004.80	22,685.24						
441-115	B	deliver PLC	09MAY08*	85	09SEP08		265		0.00	70,250.00	70,250.00						
441-120	B	Program PLC Logic	10SEP08	45	11NOV08		220		0.00	24,044.53	23,004.80						
441-125	B	Program Control pages	10SEP08	97	04FEB09		168		0.00	25,478.89	24,097.84						
441-130	B	Pre-commissioning tests	11APR08	214	20FEB09		156		0.00	25,110.23	24,377.02						
441-135	B	Install I/O Cabling	10SEP08	130	23MAR09		135		0.00	123,488.63	119,291.33						



#### 442 - Kirk Key Interlocks

442-1-2	B	Kirk Keys-Dsn	01OCT07*	41	26NOV07		127		0.00	16,779.60	16,339.60						
442-1-4	B	Kirk Keys-Procure	27NOV07	65	07MAR08		127		0.00	14,050.00	13,710.00						
442-1-6	B	Kirk Keys-Install	10MAR08	40	02MAY08		127		0.00	45,239.20	44,123.84						
442-1-8	B	Kirk Keys-Commission	19MAY08	30	30JUN08		127		0.00	7,202.24	7,202.24						



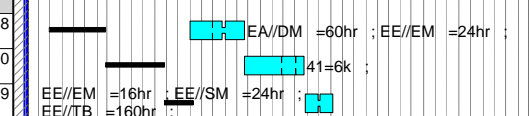
#### 443 - Real Time Control Systems

443-1-2	B	Develop Control Algorithms-Dsn	01OCT07*	142	28APR08		238		0.00	14,111.20	13,819.68						
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#### 444 - Instrument Systems

444-2-2	B	DC Potential Transducers (DCPTs)-Dsn	01OCT07*	95	21FEB08		205		0.00	11,526.36	11,224.08						
444-2-4	B	DC Potential Transducers (DCPTs)-Procure	22FEB08	109	25JUL08		205		0.00	8,430.00	8,226.00						
444-2-6	B	DC Potential Transducers (DCPTs)-Install	28JUL08	51	07OCT08		205		0.00	19,918.05	19,328.29						



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PROJECT ETC UPDATED  
PLAN 9/14/06

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Progress Through July 31st 2006

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	FY07				FY08				FY09				FY10												
444-2-8	B	DC Potential Transducers (DCPTs)-Commission	08OCT08	40	04DEC08		205		0.00	13,442.28	12,588.60	EE//EM =24hr ; EE//TB =60hr ;	EE//SM =24hr ;																							
444-3-2	B	DC Shunts-Dsn	01OCT07*	122	31MAR08		378		0.00	16,779.60	16,339.60		VANKIRK =80hr ; Raki =40hr ;																							
444-3-4	B	DC Shunts-Procure**N/R**	01AUG06	0	31JUL06		792		0.00	0.00	0.00																									
444-3-6	B	DC Shunts-Install**N/R**	01AUG06	0	31JUL06		792		0.00	0.00	0.00																									
444-3-8	B	DC Shunts-Commission**N/R**	01AUG06	0	31JUL06		792		0.00	0.00	0.00																									
444-4-2	B	Signal Conditioning & Cabling-Dsn	01JUL05A	108*	28NOV07		367	15	6,244.25	41,628.32	42,079.11	EA//DM =80hr ; EE//EM =200hr ;																								
444-4-4	B	Signal Conditioning & Cabling-Procure	01JUL05A	241*	18DEC07		336	15	2,427.83	16,185.51	16,224.63	41=12\$K ;																								
444-4-6	B	Signal Conditioning & Cabling-Install	24JAN08	68	28APR08		336		0.00	28,338.56	27,988.59	EE//EM =24hr ; EE//TB =280hr																								
444-4-8	B	Signal Conditioning & Cabling-Commission	29APR08	22	29MAY08		336		0.00	17,226.72	17,226.72	EE//EM =48hr ; EE//SM =40hr EE//TB =40hr ;																								
<b>445 - Coil Protection Systems</b>																																				
445-1-2	B	Ground Fault Protection-Dsn	01OCT07*	82	04FEB08		151		0.00	35,752.80	34,815.60	VANKIRK =120hr ; Raki =120hr ;																								
445-1-4	B	Ground Fault Protection-Procure	01NOV07*	65	12FEB08		145		0.00	25,290.00	24,678.00	41=18\$K ;																								
445-1-6	B	Ground Fault Protection-Install	13FEB08*	40	08APR08		145		0.00	23,766.08	23,142.56	EE//EM =40hr ; EE//SM =48hr ; EE//TB =120hr ;																								
445-1-8	B	Ground Fault Protection-Commission	07MAY08	20	04JUN08		145		0.00	10,178.08	9,911.12	EE//EM =24hr ; EE//SM =24hr EE//TB =32hr ;																								
445-2-0	B	Overload Protection & Cabling-Prelim Dsn	01MAR04A	272	30SEP04A				1,054.90	1,054.90	1,054.90																									
445-2-105	B	Overload Protect-Write spec and approve	01OCT07*	20	26OCT07		480		0.00	14,111.20	13,741.60	marsala=80																								
445-2-110	B	Overload Protect-Design	01OCT07*	80	31JAN08		281		0.00	30,720.64	29,915.52	lawson=128;elect dsn=32,ee//sm=32																								
445-2-115	B	Overload Protect-Fabr 4 chassis 120 modls	01FEB08*	79	21MAY08		281		0.00	28,801.95	28,046.22	marsala=48;reese=153																								
445-2-120	B	Overload Protect-Test 4 units	22MAY08	20	19JUN08		281		0.00	9,897.60	9,638.08	raki=32;carson=32																								
445-2-125	B	Overload Protect-Install & Rack wiring	20JUN08	20	18JUL08		281		0.00	18,700.79	18,210.30	raki=48;gibilisco=77																								
445-2-130	B	Overload Protect-Write & perform ISTEP	21JUL08	20	15AUG08		281		0.00	9,897.60	9,638.08	raki=32;gibilisco=32																								
445-2-135	B	Overload Protect-Documentation	08OCT07*	180	27JUN08		315		0.00	10,601.44	10,323.36	raki=16;elect dsn=64																								
445-2-140	B	Overload Protection&cabling design,procure instl	01OCT07*	249	29SEP08		251		0.00	59,697.20	58,168.61	raki=99;elect dsn=80;ee//sr 41=3;powers=10k																								
ECP494401	B	ECP49 job closeout for fy06	01OCT05A	251	31JUL06A				24,000.00	24,000.00	24,000.00																									
FY05CV-36	B	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				49,000.00	49,000.00	49,000.00																									

**45 - Power System Design and Integration**

**Job: 4501 - Power Sys Dsn & Integr-RAMAKRISHNAN**

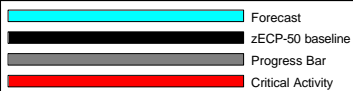
**Prior Costs**

4501-001	B	Apr-Sept MIE Cost	01APR03A	43*	30SEP03A			100	112,340.00	112,340.00	112,340.00
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**451 - System Design & Interfaces**

4501-100	B	Design Drawings	02FEB04A	193*	30SEP04A			100	19,807.80	19,807.80	19,807.80
4501-110	B	Calculations-FY04	01MAR04A	151*	30SEP04A			100	0.00	0.00	0.00
451-0-1	B	C-Site Decision	30APR04A	0	30APR04A			100	0.00	0.00	0.00
451-7-2	B	FDR DC transmission-Dsn	01MAY04A	0*	28MAY04A			100	10,084.00	10,084.00	10,084.00
451-7-20	B	FDR DC transmission		0	28MAY04A			100	0.00	0.00	0.00

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**Progress Through July 31st 2006**

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	FY			
												FY07	FY08	FY09	FY10
451-2-1	B	CDR Power system -Dsn	01DEC04A	208*	31AUG05A			100	41,299.20	41,299.20	41,299.20				
451-0-2	B	Develop SRD	02APR07*	15	20APR07		612		0.00	0.00	0.00				
451-3-2	B	Dwgs,asbuilts -Elect Dsn	08OCT07*	245*	30SEP08		250		0.00	168,745.60	166,536.83				
451-2-2	B	PDR Prep Power system -Dsn	03APR06A	86*	28NOV07		417	20	9,309.76	46,548.80	45,427.20				
451-2-3	B	PDR Power system -Dsn		0	28NOV07		457		0.00	0.00	0.00				
451-6-2	B	FDR C-Site -Cabling	01SEP05A	186*	28NOV07		457	5	1,705.49	34,109.79	33,878.00				
451-2-2.1	B	FDR C-Site	01NOV05A	101	05FEB08		417	2	690.96	34,547.67	34,281.81				
451-4-2	B	FDR AC auxiliaries & grounding-Dsn	01JUL08*	45	03SEP08		269		0.00	11,917.60	11,605.20				
451-1-2	B	Calculations-Dsn	01OCT07*	249	29SEP08		251		0.00	57,417.20	55,913.28				
<b>452 - Electrical Systems Support</b>															
452-1-2	B	Diagnostics AC Power Distr-Dsn	01OCT07*	43	28NOV07		83		0.00	91,903.20	89,492.00				
452-1-4	B	Diagnostics AC Power Distr-Procure	03DEC07	65	11MAR08		83		0.00	1,405.00	1,372.12				
452-1-6	B	Diagnostics AC Power Distr-Install	12MAR08	105	07AUG08		83		0.00	79,841.60	79,841.60				
452-1-8	B	Diagnostics AC Power Distr-Commission	13AUG08	37	03OCT08		83		0.00	31,635.79	31,462.80				
452-2-2	B	Diagnostics sensor cabling-Dsn	01OCT07*	43	28NOV07		145		0.00	26,503.60	25,808.40				
452-2-4	B	Diagnostics sensor cabling-Procure	03DEC07	65	11MAR08		145		0.00	2,810.00	2,742.00				
452-2-6	B	Diagnostics sensor cabling-Install	12MAR08	43	09MAY08		145		0.00	22,260.88	22,242.90				
452-2-8	B	Diagnostics sensor cabling-Commission	12MAY08	40	08JUL08		145		0.00	6,292.56	6,292.56				
<b>453 - System Testing (PTP's)</b>															
453-1-2	B	New Procedures	01OCT07*	90	14FEB08		153		0.00	71,505.60	69,631.20				
453-1-4	B	Preop Testing-Procure test equipt	15FEB08*	65	15MAY08		188		0.00	35,125.00	34,301.56				
453-1-8	B	Testing PTPs, ISTPs	25APR08*	100	16SEP08		103		0.00	213,785.76	213,785.76				
ECP494501	B	ECP49 job closeout for fy06	01OCT05A	251	31JUL06A				5,000.00	5,000.00	5,000.00				
FY05CV-37	B	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-52,000.00	-52,000.00	-52,000.00				
<b>46 - FCPC Building Modifications</b>															
<b>Job: 4601 - FCPC Bldg Mods-RAMAKRISHNAN</b>															
<b>Prior Costs</b>															
4601-001	B	Apr-Sept MIE Cost	01APR03A	43*	30SEP03A			100	1,300.00	1,300.00	1,300.00				
<b>51 - TCP/IP Infrastructure Systems</b>															
<b>Job: 5101 - TCP/IP Infrastructure Systems</b>															
51-10	B	Preliminary Design (Title I)	01OCT07*	45	04DEC07		315		0.00	4,695.30	4,695.30				
51-20	B	Final Network Design (Title II)	05DEC07	20	10JAN08		315		0.00	4,695.30	4,695.30				
51-30	B	Installation, Testing, Documentation (Title III)	11JAN08	120	27JUN08		315		0.00	141,455.60	141,455.60				

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	Forecast
	zECP-50 baseline
	Progress Bar
	Critical Activity

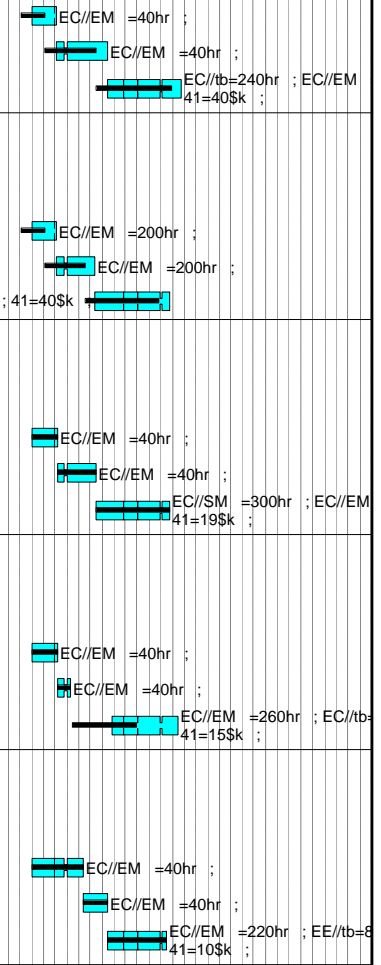
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PLAN 9/14/06**

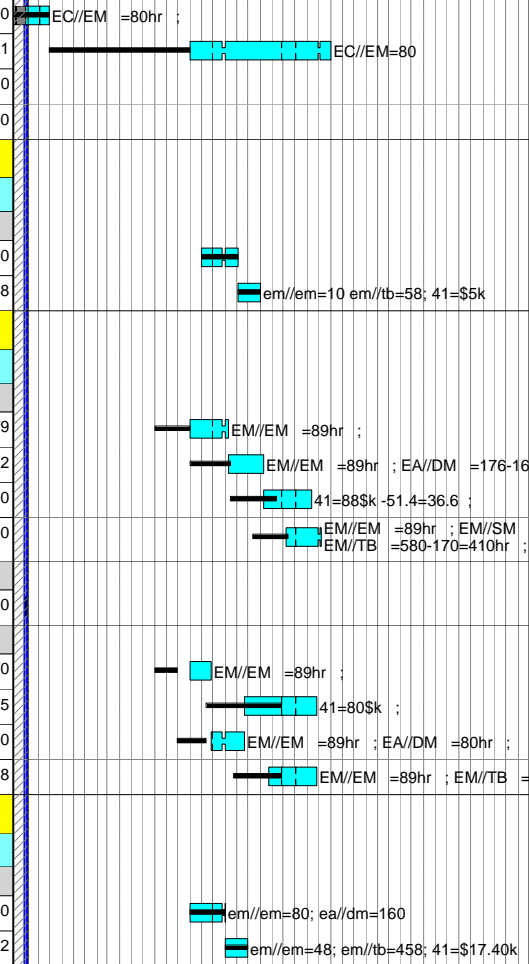
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**Progress Through July 31st 2006**

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year					
												FY07	FY08	FY09	FY10		
<b>52 - Central Instrumentation &amp; Control</b>																	
<b>5201 - I&amp;C Systems</b>																	
52-10	B	Preliminary Design (Title I)	01OCT07*	45	04DEC07		233		0.00	6,260.40	6,191.16						
52-20	B	Final Design (Title II)	05DEC07	87	14APR08		233		0.00	6,260.40	6,260.40						
52-30	B	Installation, Testing, Documentation (Title III)	15APR08	135	23OCT08		233		0.00	126,284.98	125,608.00						
<b>53 - Data Acquisition &amp; Facility Computing</b>																	
<b>5301 - Data Acquisition</b>																	
53-10	B	Preliminary Design (Title I)	01OCT07*	45	04DEC07		255		0.00	31,302.00	30,955.78						
53-20	B	Final Design (Title II)	05DEC07	65	13MAR08		255		0.00	31,302.00	31,302.00						
53-30	B	Coding, Configuration, Testing (Title III)	14MAR08	135	23SEP08		255		0.00	87,502.00	87,502.00						
<b>54 - Facility Timing &amp; Synchronization</b>																	
<b>Job: 5401 - Facility Timing &amp; Synchronization</b>																	
54-10	B	Preliminary Design (Title I)	02OCT07*	45	05DEC07		254		0.00	6,260.40	6,260.40						
54-20	B	Final Design (Title II)	06DEC07	65	14MAR08		254		0.00	6,260.40	6,260.40						
54-30	B	Installation, Testing, Documentation (Title III)	17MAR08	135	24SEP08		254		0.00	69,632.20	69,632.20						
<b>55 - Real Time Plasma &amp; Power Supply Control Sys</b>																	
<b>5501 - Real Time Control System</b>																	
55-10	B	Preliminary Design (Title I)	02OCT07*	45	05DEC07		314		0.00	6,260.40	6,260.40						
55-20	B	Final Design (Title II)	06DEC07	20	11JAN08		314		0.00	6,260.40	6,260.40						
55-30	B	Installation, Testing, Documentation (Title III)	29APR08	120	16OCT08		238		0.00	81,478.84	81,092.40						
<b>56 - Central Safety Interlock Systems</b>																	
<b>Job: 5601 - Central Safety Interlock Systems</b>																	
56-10	B	Preliminary Design (Title I)	02OCT07*	87	12FEB08		259		0.00	6,260.40	6,260.40						
56-20	B	Final Design (Title II)	13FEB08	45	15APR08		259		0.00	6,260.40	6,260.40						
56-30	B	Installation, Testing, Documentation (Title III)	16APR08	108	17SEP08		259		0.00	116,850.20	116,850.20						
<b>57 - Control Room Facility</b>																	
<b>Job: 5701 - Control Room Facility</b>																	
57-10	B		01AUG06	0	31JUL06		792		0.00	0.00	0.00						



Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year			
												FY07	FY08	FY09	FY10
<b>58 - Central I&amp;C management and Integration</b>															
<b>Job: 5801 -Central I&amp;C Integr &amp; Oversight-SICHTA</b>															
51-00	B	FY03	01APR03A	250*	30SEP03A			LOE	11,900.00	11,900.00	11,900.00				
51-01	B	FY04 LOE support	01OCT03A	250*	30SEP04A			LOE	16,000.00	16,000.00	16,000.00				
51-02	B	FY05 LOE support	01OCT04A	249*	30SEP05A			LOE	12,462.26	12,462.26	12,462.26				
58-FY06	B	FY07 LOE support	01MAY06A	107*	29SEP06		749	LOE	7,135.34	11,932.00	11,932.00				
58-FY07	B	FY07 LOE support	02OCT07*	249*	30SEP08		250	LOE	0.00	12,520.80	12,194.11				
FY05CV-38	B	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-7,000.00	-7,000.00	-7,000.00				
FY06CV-180	B	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	340.00	340.00	340.00				
<b>61 - Water Systems</b>															
<b>Job:6101 - Water Systems</b>															
<b>613 - Vacuum Pumping System</b>															
623.011	B	Design WBS 612 **N/R**	01NOV07*	59	04FEB08		209		0.00	0.00	0.00				
632.021	B	WBS 612 Assembly/Fabrication/Installation	05FEB08	40	31MAR08		209		0.00	13,802.48	13,802.48				
<b>62 - Cryogenic Systems</b>															
<b>Job: 6201 - Cryogenic Systems</b>															
<b>621 - LN2-LHe Supply System</b>															
631-001	B	Preliminary Design	01OCT07*	65	10JAN08		265		0.00	16,205.12	15,792.79				
631-010	B	Final Design**reduced scope	11JAN08	65	10APR08		265		0.00	18,149.92	18,149.92				
631-020	B	Procurement **reduced scope	11APR08	88	14AUG08		265		0.00	123,078.00	123,078.00				
631-015	B	Fab/Assy/Installation**reduced scope	09JUN08	65	09SEP08		265		0.00	71,991.50	71,991.50				
<b>622 - LN2 Coil Cooling Supply</b>															
632-001	B	**deleted scope	01AUG06	0	31JUL06		792		0.00	0.00	0.00				
<b>623 - GN2 Cryostat Cooling System</b>															
633-001	B	Preliminary Design	01OCT07*	40	23NOV07		275		0.00	16,205.12	15,779.70				
633-020	B	Procurement	22FEB08	130	25AUG08		275		0.00	112,329.75	112,329.75				
633-010	B	Final Design	26NOV07	55	21FEB08		275		0.00	25,929.12	25,644.50				
633-015	B	Fab/Assy/Installation	22APR08	88	25AUG08		275		0.00	72,266.88	72,266.88				
<b>63 - Utility Systems</b>															
<b>Job: 6301 - Utility Systems</b>															
640.011	B	Design GN2, Air & Vent Systems	01OCT07*	59	02JAN08		244		0.00	34,014.40	34,014.40				
640.021	B	Assembly/Fabrication	03JAN08	40	27FEB08		244		0.00	72,889.52	72,889.52				



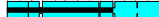

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year			
												FY07	FY08	FY09	FY10
<b>64 - PFC/VV Heating &amp; Cooling*ELIMINATED*</b>															
<b>Job: 6401 - PFC/VV Heating &amp; Cooling</b>															
650.001	B	Eliminated scope	01AUG06	0	31JUL06		792		0.00	0.00	0.00				
<b>65 - Facility Systems Integration</b>															
<b>Job: 6163 - Facility Systems Support FY04</b>															
65-03	B	LOE WBS 6	01OCT03A	250*	30SEP04A			LOE	15,000.00	15,000.00	15,000.00				
<b>Job: 6501 - Facility Systems Integration-DUDEK</b>															
<b>Prior Costs</b>															
6501-001	B	Apr-Sept MIE Cost PPPL	01APR03A	0	30SEP03A			100	9,380.00	9,380.00	9,380.00				
<b>71 - Shield Wall Seismic Modifications</b>															
<b>Job: 7101 - Shield Wall Modif Design-PERRY</b>															
<b>Prior Costs</b>															
7101-000	A	Apr-Sept MIE Cost PPPL	01APR03A	66	30SEP03A			100	32,150.00	32,150.00	32,150.00				
FY06CV-185	A	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	490.00	490.00	490.00				
<b>72 - Control Room Refurbishment</b>															
<b>Job: 7201 - Control Room Walls&amp;Floors-PERRY</b>															
710.001	A	Install Wall east side control room	02OCT06*	24	02NOV06		707		0.00	0.00	0.00				
711B.050	A	Complete Control Room Flooring **post CD-4**	03NOV06*	18	30NOV06		707		0.00	0.00	0.00				
<b>73 - Platform Design &amp; Fabrication</b>															
<b>Job: 7301 - Platform Design &amp; Fab-PERRY</b>															
712.008	A	Update Platform Specification	01JUN05A	0*	30JUN05A			100	6,416.80	6,416.80	6,416.80				
712.010	A	Final Design	02MAY05A	43*	30JUN05A			100	53,163.80	53,163.80	53,163.80				
711A.040	A	Platform nut plates	01APR05A	187*	02JAN08		190	90	26,443.80	29,382.00	29,121.34				em//tb mech shop =360 hrs;41=\$1k
712.020	A	Platform Parts	01OCT07*	22	30OCT07		227		0.00	26,279.76	25,591.00				PERRY=410;em/sm=23;em/tb=250
712.030	A	Miscs Hardware/Material	01JUL05A	83*	31OCT07		226	80	36,609.50	45,761.87	45,518.13				41=\$35k
FY05CV-39	A	FY05 unrecoverable cost variance	01OCT04A	251*	30SEP05A				-50,000.00	-50,000.00	-50,000.00				
FY06CV-195	A	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	3,740.00	3,740.00	3,740.00				
<b>74 - Machine Assembly Planning and Oversight</b>															
<b>Job: 7401 - TC Prep &amp; Mach Assy Planning-PERRY</b>															
<b>Prior Costs</b>															
711A.020	A	LOE FY04	01OCT03A	256*	30SEP04A			LOE	148,582.46	148,582.46	148,582.46				
714.010	A	LOE FY05	01OCT04A	249*	30SEP05A			LOE	109,972.42	109,972.42	109,972.42				
7401-001	A	Apr-Sept MIE Cost PPPL	01APR03A	66	30SEP03A			100	164,000.00	164,000.00	164,000.00				
FY05CV-40	A	FY05 unrecoverable cost variance	01OCT04A	251*	30SEP05A				178,000.00	178,000.00	178,000.00				




Funded by GPP \*\*ECP34\*\*

em//tb mech shop =360 hrs;41=\$1k  
PERRY=410;em/sm=23;em/tb=250  
41=\$35k







Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year				
												FY07	FY08	FY09	FY10	
FY06CV-200	A	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	32,120.00	32,120.00	32,120.00					
<b>Project Scope</b>																
714.020	A	LOE FY06 prior to assy starting	02OCT06*	307*	21DEC07		442		0.00	53,783.56	53,510.98					
714.030	A	LOE FY07 thru first plasma	02JAN08*	313*	31MAR09		129		0.00	675,245.97	876,727.47					
<b>FED/Infrastructure Support (non Project cost)</b>																
613.010	A	Remove Shield Walls ** GPP **	01APR04A	64*	22JUN04A			100	0.00	0.00	0.00					
613.015	A	Fabricate New Bottom Course of Blocks **GPP**	01APR04A	207*	31JAN05A			100	0.00	0.00	0.00					
613.017	A	Install New Bottom Course **GPP**	01AUG05A	0*	31AUG05A			100	0.00	0.00	0.00					
613.020	A	Remove south PLT shielding (cc 7230)	01JUN04A	0*	22JUN04A			100	0.00	0.00	0.00					
613.025	A	Dispose of old south PLT shielding **GPP**	01AUG04A	0*	31AUG04A			100	0.00	0.00	0.00					
EXFAC003	A	Clear PBX control room & Safe PBX (cc7230)	27JAN03A	110*	30JUN03A			100	0.00	0.00	0.00					
EXFAC004	A	Remove Fire protection PLT wall (cc7230)	01MAY03A	21	09MAY03A			100	0.00	0.00	0.00					
EXFAC005	A	Remove Fire Protection under platform (cc7230)	01APR03A	21	30APR03A			100	0.00	0.00	0.00					
EXFAC006	A	Remove Fire Protection Control rm walls(cc7230)	01MAY03A	21	09MAY03A			100	0.00	0.00	0.00					
EXFAC007	A	Remove PBX Base Plates cc7230)	25FEB04A	48*	12MAR04A			100	0.00	0.00	0.00					
GPP001	A	GPP-Upgarde C-Site central chilled wtr plant*TBD	01OCT02A	1	01OCT02A			100	0.00	0.00	0.00					
GPP004	A	GPP-Roofing Design	01APR04A	291	31MAY05A			100	0.00	0.00	0.00					
GPP004.1	A	GPP-Roofing Install	01MAY05A	0	31MAY05A			100	0.00	0.00	0.00					
GPP005	A	GPP-Test Cell lighting Design	01APR04A	206*	31JAN05A			100	0.00	0.00	0.00					
GPP005.1	A	GPP-Test Cell lighting Install ***TBD***	02MAY05A	0	31MAY05A			100	0.00	0.00	0.00					
GPP006	A	GPP-Test Cell HVAC/dew point control Design*TBD	01AUG06	0	31JUL06		792		0.00	0.00	0.00					
GPP006.1	A	GPP-Test Cell HVAC/dew point control InstallTBD	01AUG06*	0	31JUL06		792		0.00	0.00	0.00					
GPP007	A	GPP-C-Site elevators Design	01AUG06*	0	31JUL06		792		0.00	0.00	0.00					
GPP007.1	A	GPP-C-Site elevators Install	01AUG06	0	31JUL06		792		0.00	0.00	0.00					
GPP008	A	GPP-Fire suppression high bay design*TBD*	01AUG06	0	31JUL06		792		0.00	0.00	0.00					
GPP008.1	A	GPP-Fire suppression high bay install*TBD*	01AUG06	0	31JUL06		792		0.00	0.00	0.00					
GPP009	A	Control Room Lights & Outlets design*TBD*	01AUG06	0	31JUL06		728		0.00	0.00	0.00					
GPP009.1	A	Control Room Lights & Outlets install*TBD*	01AUG06	0	31JUL06		728		0.00	0.00	0.00					
GPP010	A	Control Room HVAC Design **TBD**	01AUG06	0	31JUL06		728		0.00	0.00	0.00					
GPP010.1	A	Control Room HVAC Install **TBD**	01AUG06	0	31JUL06		728		0.00	0.00	0.00					
GPP011	A	Control Room Ceiling Design	01OCT07*	64	09JAN08		372		0.00	0.00	0.00					
GPP011.1	A	Control Room Ceiling Install	10JAN08	64	08APR08		372		0.00	0.00	0.00					
GPP012	A	Control Rm Fire Detection & Suppression Design	01AUG06*	0	31JUL06		664		0.00	0.00	0.00					
GPP012.1	A	Control Rm Fire Detection & Suppression Install	01OCT07*	64	09JAN08		372		0.00	0.00	0.00					
GPPCRANE	A	Upgrade NCSX test cell crane	02APR07*	20	27APR07		210		0.00	0.00	0.00					
<b>Test Cell Modifications &amp; Upgrades</b>																
714.020X	A	TC power instl	01AUG05A	436*	30SEP05A				63,673.65	63,673.65	63,673.65					

 perry=192:langella149  
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 Forecast  
 zECP-50 baseline  
 Progress Bar  
 Critical Activity

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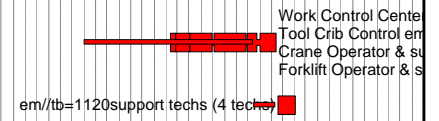
**Progress Through July 31st 2006**

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	FY					
												FY07	FY08	FY09	FY10		
613.030	A	Test Cell copper ground plane cuts	01JUL05A	151	07FEB07		664	80	8,694.27	10,867.84	10,867.84	techshop 120	41=\$1k				
713.010	A	General procurements	02APR05A	128*	30SEP05A			LOE	19,215.00	19,215.00	19,215.00						
7502-000	A	Outlet Design	02FEB04A	107*	30JUN04A			100	25,272.00	25,272.00	25,272.00						
7502-001	A	Test Cell 110v outlets	01APR05A	214	07FEB07		664	70	12,930.12	18,471.60	18,471.60	EM//SM =160hr ;					
7502-002	A	Test Cell 208v outlets	01APR05A	214	07FEB07		664	70	6,465.06	9,235.80	9,235.80	EM//SM =80hr ;					
7502-003	A	Install 480v power in test cell	01SEP05A	0*	30SEP05A			100	0.00	0.00	0.00						
7502-004	A	Install 120v panels in test cell	01SEP05A	0*	30SEP05A			100	0.00	0.00	0.00						
7502-010	A	Ready Rooms (under cntrl rm)110v outletsDELETED	02OCT06*	65	10JAN07		558		0.00	0.00	0.00						
7502-011	A	Cable Removal in test cell (S04335-32)	01OCT03A	0*	31OCT03A			100	9,937.20	9,937.20	9,937.20						
7502-025	A	TC Floor penetration covers	03NOV03A	42	26NOV03A			100	16,848.00	16,848.00	16,848.00						
EXFAC001.2	A	Complete Crane Modifications (S04354)	02FEB04A	0*	30JAN04A			100	37,608.48	37,608.48	37,608.48						

### 75 - Test Cell and Basement Assembly Operations

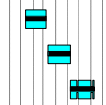
#### 7501 - Construction Support Crew

7501-05	A	Construction Support Crew during machine assy	16MAY08	184*	13FEB09		83		0.00	488,911.79	833,947.45							
7501-06	A	Construction Support Crew e-beam mapping&ISTP	16FEB09	35*	03APR09		83		0.00	102,211.20	102,211.20							



#### 7502 - Test Cell Facility Preparations

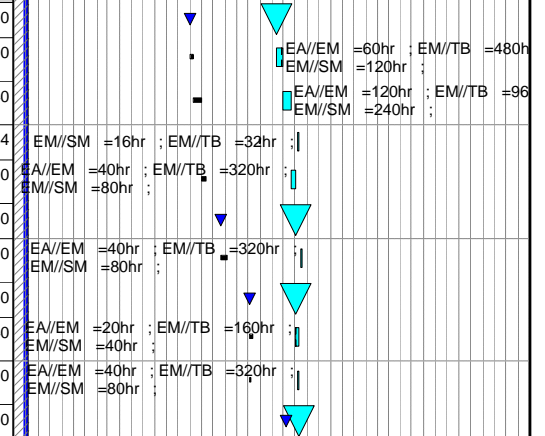
7502-020	A	Resurface TC floor**DELETED**	11JAN07*	42	09MAR07		558		0.00	0.00	0.00							
7502-030	A	TC Floor firesealing**DELETED**	12MAR07	42	08MAY07		558		0.00	0.00	0.00							
7502-035	A	Control room firesealing**DELETED**	09MAY07	42	09JUL07		558		0.00	0.00	0.00							



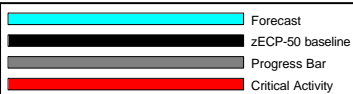
#### 7503 - Machine Assembly

##### Revised Assembly Logic (ecp18)

7503-010	A	Begin Assembly Activities	16MAY08*	0			94		0.00	0.00	0.00							
7503-020	A	Install & Level Support Base Plates	16MAY08	8	28MAY08	2	94		0.00	68,122.20	68,122.20							
7503-030	A	Install/Level FPA's and Spool Piece supports	29MAY08	15	18JUN08	2	94		0.00	136,244.40	136,244.40							
7503-060	A	Install Lower PF 4,5&6 into prelim position	09JUL08	2	10JUL08		94		0.00	4,887.04	4,887.04	EM//SM =16hr ; EM//TB =32hr ;						
7503-070	A	Install 3 Spool Pieces on fixt & test movement	19JUN08	10	02JUL08		94		0.00	45,414.80	45,414.80	EA//EM =40hr ; EM//TB =320hr ; EM//SM =80hr ;						
7503-080	A	FPA-1 Installed on support platform		0	02JUL08		94		0.00	0.00	0.00							
7503-090	A	Install local Platforms around FPA-1	14JUL08	5	18JUL08	2	94		0.00	45,414.80	45,414.80	EA//EM =40hr ; EM//TB =320hr ; EM//SM =80hr ;						
7503-110	A	FPA-2 Installed on support platform		0	02JUL08		94		0.00	0.00	0.00							
7503-120	A	Test movement of FPA-1& -2 & position checks.	03JUL08	5	10JUL08		94		0.00	22,707.40	22,707.40	EA//EM =20hr ; EM//TB =160hr ; EM//SM =40hr ;						
7503-130	A	Install local Platforms around FPA-2	08JUL08	3	10JUL08		94		0.00	45,414.80	45,414.80	EA//EM =40hr ; EM//TB =320hr ; EM//SM =80hr ;						
7503-150	A	FPA-3 Installed on support platform		0	10JUL08		94		0.00	0.00	0.00							



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Progress Through July 31st 2006

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	FY07				FY08				FY09				FY10						
7503-160	A	Position all FPA's / Spool Pieces @ MC Interface	11JUL08	6	18JUL08		94		0.00	27,248.88	27,248.88	EA/EM =24hr ; EM/TB =192hr ;																		
7503-170	A	FPA Metrology Checks to Assure Alignment	21JUL08	3	23JUL08		94		0.00	3,217.32	3,217.32	EM//SM =48hr ;																		
7503-190	A	Install local Platforms around FPA-3	24JUL08	5	30JUL08	2	94		0.00	45,414.80	45,414.80	EA/EM =12hr ; EM/TB =12hr ;																		
7503-180	A	MC Interfaces: shim, ream holes ,bolt together	31JUL08	15	20AUG08		94		0.00	88,632.60	88,632.60	EA//EM =40hr ; EM//SM =80hr ;																		
7503-200	A	Mate-up and weld all VV-to-Spool interfaces	21AUG08	15	11SEP08		94		0.00	77,673.60	77,673.60	EA/EM =60hr ; EM//SM =120hr ;																		
7503-240	A	Bolt on preassembled pump duct	29SEP08	5	03OCT08		83		0.00	19,830.32	19,054.40	EM//SM =120hr ;																		
7503-240.1	A	Install insulation boots	06OCT08	5	10OCT08	2	83		0.00	29,203.20	27,347.20	EM//TB =40hr ;																		
7503-240.2	A	Install insulation	13OCT08	2	14OCT08	2	83		0.00	6,570.72	6,153.12	EM//TB =320hr ; ?TBD																		
7503-250	A	Begin Vac Vsl Pumpdown	15OCT08	0			83		0.00	0.00	0.00																			
												PUMP DOWN OF VACU DOE LEVEL 2 MILESTO PEP DATE = FEBRUAR																		
7503-260	A	PTP Pumpdown & leak check VV	15OCT08	10	28OCT08		83		0.00	55,296.80	51,782.40	EM//SM =80hr ; EM//TB =480hr ;																		
7503-210	A	Fit-up all TF coils	29SEP08	10	10OCT08		83		0.00	62,296.40	59,088.40	EA/EM =40hr ; EM//SM =80hr ;																		
7503-270	A	Raise lower PF 4,5&6 coils into final position	13OCT08	6	20OCT08		83		0.00	29,098.08	27,248.88	EA//EM =24hr ; EM//SM =48hr ;																		
7503-280	A	Install Upper PF 4,5 & 6 coils	21OCT08	6	28OCT08		83		0.00	29,098.08	27,248.88	EA/EM =24hr ; EM//SM =48hr ;																		
7503-290	A	Install PF Solenoid into position (U/L PF1,2,3)	29OCT08	4	03NOV08		83		0.00	19,398.72	18,165.92	EA/EM =16hr ; EM//SM =32hr ;																		
7503-290A	A	Install trim coils	04NOV08	5	10NOV08		83		0.00	19,398.72	0.00	EA/EM =16hr ; EM//SM =32hr ;																		
7503-310	A	Complete LN2 connections	11NOV08	10	24NOV08		83		0.00	40,695.20	38,367.44	EM//SM =80hr ; EM//TB =320hr ;																		
7503-320	A	Complete Elect Pwr connections	11NOV08	10	24NOV08	2	83		0.00	110,593.60	104,267.68	EM//SM =160hr ; EM//TB =960hr ;																		
7503-321	A	Complete mag diag & machine I&C	11NOV08	10	24NOV08	2	83		0.00	52,187.20	49,202.08	EM//SM =160hr ; EM//TB =320hr ;																		
7503-330	B	Begin Cryostat Installation	25NOV08	0			83		0.00	0.00	0.00																			
												BEGIN CRYOSTAT INSTALLATION DOE LEVEL 2 MILESTONE PEP DATE = APRIL 2009																		
7503-340	B	Install Cryostat Base, vapor barrier & port boots	25NOV08	10	10DEC08		83		0.00	40,695.20	40,695.20	EM//SM =80hr ; EM//TB =320hr ;																		
7503-350	B	Install Cryostat upper section, VB and port boots	11DEC08	10	02JAN09		83		0.00	40,695.20	40,695.20	EM//SM =80hr ; EM//TB =320hr ;																		
7503-360	B	Install Midplane Cryostat sections and port boot	05JAN09	15	23JAN09		83		0.00	61,042.80	61,042.80	EM//SM =120hr ; EM//TB =480hr ;																		
7503-370	B	Install Cryostat Circulation Duct	26JAN09	5	30JAN09		83		0.00	20,347.60	20,347.60	EM//SM =40hr ; EM//TB =160hr ;																		
730.8200Z	B	PTP and Cooldown (dup of 730.8200)	02FEB09	10	13FEB09		161		0.00	0.00	0.00																			
730.1248	A	ACC Review	18DEC08	20	23JAN09		83		0.00	0.00	0.00																			
730.1249	A	PSO Operational Readiness Assessment	26JAN09	5	30JAN09		83		0.00	0.00	0.00																			
730.1250	A	PSO Operational Readiness Assessment		0	30JUN09*		65		0.00	0.00	0.00																			
												COMPLETE DOE LEVE PEP DATE																		
730.8200	A	PTP and Cooldown	02FEB09	10	13FEB09		83		0.00	70,850.40	70,850.40	EM//EM =80hr ; EM//SM =80hr ;																		

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	FY							
												FY07	FY08	FY09	FY10				
<b>76 - Tooling Design &amp; Fabrication</b>																			
<b>Job: 7601 - Tooling Design &amp; Fabrication</b>																			
713.020	A	Lab Fab/Assy/Installation	01OCT07*	329*	30JAN09		171		0.00	32,704.75	32,704.75								
713.030	A	Tooling,assy fixtures,misc equipt	01OCT07*	329*	30JAN09		171		0.00	84,804.26	84,804.26								
713.040	A	General procurements	01OCT07*	329*	30JAN09		171		0.00	63,603.19	63,603.19								
713.050	A	Welding tools, materials & equipt	01OCT07*	329*	30JAN09		171		0.00	56,536.17	56,536.17								
<b>81 - Project Management and Control</b>																			
<b>Job: 8101 - Project Management &amp; Control-NEILSON</b>																			
<b>Prior Costs</b>																			
M-0110	A	CD-2		0	03FEB04A				0.00	0.00	0.00								
810.009	A	PDR Support	01OCT03A	3*	31OCT03A			100	41,163.08	41,163.08	41,163.08								
M-0115	A	CD-3		0	16SEP04A				0.00	0.00	0.00								
810.002	A	Project Management Office PPPL FY04	01OCT03A	256*	30SEP04A			LOE	685,961.70	685,961.70	685,961.70								
810.002E	A	Project Management Office PPPL FY04 ECP24	01OCT03A	256*	30SEP04A			LOE	146,000.00	146,000.00	146,000.00								
810.003	A	Project Management Office PPPL FY05	01OCT04A	251*	30SEP05A			LOE	696,116.95	696,116.95	696,116.95								
810.001	A	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A			100	387,340.00	387,340.00	387,340.00								
FY05CV-41	A	FY05 unrecoverable cost variance	01OCT04A	251*	30SEP05A				-3,000.00	-3,000.00	-3,000.00								
810.004	A	Project Management Office PPPL FY06	03OCT05A	249*	29SEP06		749	LOE	524,849.53	634,642.72	634,642.72								
810.005	A	Project Management Office PPPL FY07	02OCT06*	249*	28SEP07		500		0.00	640,879.96	640,879.96								
810.900	A	Project Management Office PPPL FY08	01OCT07*	250*	30SEP08		250		0.00	554,496.26	554,496.26								
810.909	A	Project Management Office PPPL FY09	01OCT08*	163*	29MAY09		87		0.00	84,463.70	84,463.70								
<b>Job: 8102 - NCSX MIE Management ORNL-LYON</b>																			
<b>Prior Costs</b>																			
810.101	A	Apr-Sept MIE Cost ORNL	01APR03A	129*	30SEP03A			100	58,600.00	58,600.00	58,600.00								
810.102	A	Project Management Office ORNL FY04	01OCT03A	256*	30SEP04A			LOE	88,000.00	88,000.00	88,000.00								
810.103	A	Project Management Office ORNL FY05	01OCT04A	251*	30SEP05A			LOE	95,368.98	95,368.98	95,368.98								
FY05CV-42	A	FY05 unrecoverable cost variance	01OCT04A	251*	30SEP05A				13,000.00	13,000.00	13,000.00								
810.104	A	Project Management Office ORNL FY06	01OCT05A	249*	29SEP06		500	LOE	143,576.01	173,610.65	173,610.65								
810.104X	A	Project Management Office ORNL FY07	02OCT06	249*	28SEP07		500		0.00	66,152.50	66,152.50								
810.105X	A	Project Management Office ORNL FY08	02OCT07*	248*	29SEP08		251		0.00	36,664.00	36,664.00								

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Forecast  
 zECP-50 baseline  
 Progress Bar  
 Critical Activity

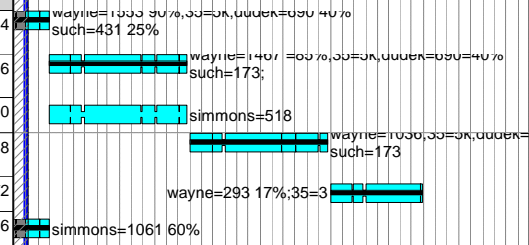
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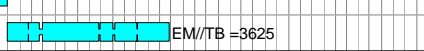
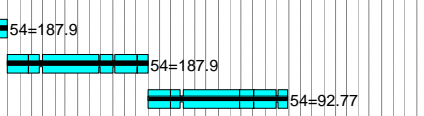
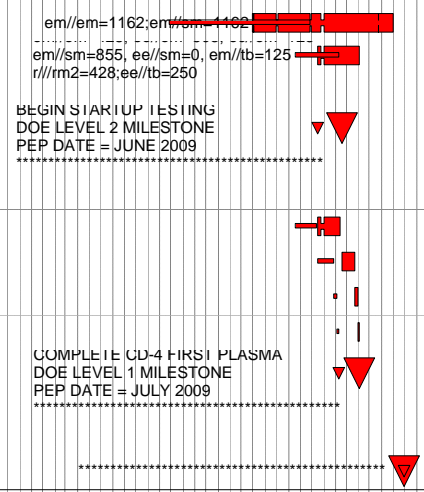
**Progress Through July 31st 2006**

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year			
												FY07	FY08	FY09	FY10
<b>82 - Project Engineering</b>															
<b>Job: 8202 - Engr Mgmt &amp; Sys Eng Support-REIERSEN</b>															
<b>Prior Costs</b>															
820.002	A	LOE FY04	01OCT03A	256*	30SEP04A			LOE	601,555.68	601,555.68	601,555.68				
8202-ECP16	A	ecp16	01OCT03A	256*	30SEP04A			LOE	68,000.00	68,000.00	68,000.00				
820.003	A	Proj engr FY05	01OCT04A	251*	30SEP05A			LOE	469,631.02	469,631.02	469,631.02				
8205FY05	A	System Engr Support FY05	01OCT04A	251*	30SEP05A			LOE	199,622.00	199,622.00	199,622.00				
820.110	A	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A			100	295,530.00	295,530.00	295,530.00				
FY05CV-44	A	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-19,000.00	-19,000.00	-19,000.00				
820.004	A	Proj engr FY06	03OCT05A	249*	29SEP06		749	LOE	364,678.50	440,965.54	440,965.54				
820.04X	A	Proj engr FY07	02OCT06*	246*	25SEP07		503		0.00	407,962.88	369,690.16				
8205FY07	A	Systems Engineering Support FY07	02OCT06*	246*	25SEP07		503		0.00	92,131.48	0.00				
820.004Z	A	Proj engr FY08	02OCT07*	246*	25SEP08		253		0.00	245,966.08	245,966.08				
820.005	A	Proj engr FY09	01OCT08*	163*	29MAY09		87		0.00	62,798.72	62,798.72				
8205FY06	A	Systems Engineering Support FY06	03OCT05A	249*	29SEP06		749	LOE	152,728.42	184,677.66	184,677.66				
<b>Job: 8203 - Design Integration-BROWN</b>															
<b>Prior Costs</b>															
820.200	A	LOE FY04	01OCT03A	256*	30SEP04A			LOE	247,570.20	247,570.20	247,570.20				
8203-ECP16	A	ecp16	01OCT03A	256*	30SEP04A			LOE	125,000.00	125,000.00	125,000.00				
8203FY05	A	Design Integration FY05 LOE	01OCT04A	251*	30SEP05A				171,028.50	171,028.50	171,028.50				
8203-01	A	General Design Integration	01OCT04A	251*	30SEP05A			LOE	0.00	0.00	0.00				
8203-02	A	Suprt interface aux sys dev&coolant/lead routing	01OCT04A	251*	30SEP05A			LOE	0.00	0.00	0.00				
8203-03	A	Develop /maintain Pro/E model of NCSX facility	01OCT04A	251*	30SEP05A			LOE	0.00	0.00	0.00				
8203-04	A	Support metrology efforts	01OCT04A	251*	30SEP05A			LOE	0.00	0.00	0.00				
820.150	A	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A			100	178,750.00	178,750.00	178,750.00				
FY05CV-45	A	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-36,000.00	-36,000.00	-36,000.00				
8203-06	A	Complt rrw of machine assembly approach	01AUG06*	4	04AUG06		788		0.00	0.00	0.00				
8203-07	A	Rvw cryostat & conventional magnet sys design	01AUG06*	9	11AUG06		783		0.00	0.00	0.00				
8203-08	A	tollerance reqmnts for MCsuprt install fixt dwgs	01AUG06*	39	25SEP06		753		0.00	0.00	0.00				
8203-09	A	Machine suprt dsn f/compatibility with assy reqt	01AUG06*	12	16AUG06		780		0.00	0.00	0.00				
8203-10	A	Dynamic simul MC half period install fixt w/ Pro	01AUG06*	42	28SEP06		750		0.00	0.00	0.00				
8203-11	A	Document NCSX Interlink& dwg control process	01AUG06*	11	15AUG06		781		0.00	0.00	0.00				
8203-12	A	Update definition VV spool piece assy simul	01AUG06*	19	25AUG06		773		0.00	0.00	0.00				







Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year				
												FY07	FY08	FY09	FY10	
8203FY06	A	Design Integration FY06	03OCT05A	249*	29SEP06		749	LOE	115,946.76	140,201.64	140,201.64					
8203FY07	A	Design Integration FY07	02OCT06*	249*	28SEP07		500		0.00	230,150.84	194,212.84					
<b>Job: 8204 - Systems Analysis-BROOKS</b>																
<b>Prior Costs</b>																
820.174	A	LOE FY04	01OCT03A	172*	30SEP04A			LOE	133,179.00	133,179.00	133,179.00					
8204.01	A	Assess magnetic material in test cell	02FEB04A	85*	28MAY04A			100	37,080.00	37,080.00	37,080.00					
8204.02	A	Model effects local high MU regions on MCWF	01MAY04A	29	28MAY04A			100	18,540.00	18,540.00	18,540.00					
8204FY05	A	Systems Analysis FY05	01OCT04A	251*	30SEP05A			LOE	256,633.25	256,633.25	256,633.25					
820.173	A	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A			100	44,620.00	44,620.00	44,620.00					
FY05CV-46	A	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				9,000.00	9,000.00	9,000.00					
8204FY06	A	Systems Analysis FY06	03OCT05A	249*	29SEP06		749	LOE	186,412.17	225,407.70	225,407.70					
8204FY06.1	A	Systems Analysis FY06	01MAY06A	64*				LOE	75,019.86	75,019.86	75,019.86					
8204FY06.2	A	Systems Analysis FY06	01MAY06A	107*	29SEP06		749	LOE	15,592.37	26,074.19	26,074.19					
8204FY07	A	Systems Analysis FY07	02OCT06*	249*	28SEP07		500	LOE	0.00	245,589.09	76,657.66					
<b>Job: 8205 - Dimensional Control Coordination</b>																
<b>Prior Costs</b>																
METFY05	A	Dimensional control FY05 ECP24	01FEB05A	172*	30SEP05A			LOE	96,648.84	96,648.84	96,648.84					
740.135	A	Gary Puhl subcontract for metrology support	30SEP05A	77	30SEP05A				12,810.00	12,810.00	12,810.00					
FY05CV-47	A	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-20,000.00	-20,000.00	-20,000.00					
METFY06R	A	Metrology for FP & machine assy FY06	03OCT05A	249*	29SEP06		749	LOE	156,556.91	189,307.03	189,307.03					
METFY07R	A	Metrology for FP & machine assy FY07	03OCT06*	248*	28SEP07		500		0.00	30,769.78	132,492.61					
METFY08R	A	Metrology for FP & machine assy FY08	03OCT07*	247*	29SEP08		251		0.00	31,598.45	75,799.75					
<b>84 - Project Physics</b>																
<b>Job: 8401 - Project Physcis-ZARNSTORFF</b>																
<b>Prior Costs</b>																
840.201	A	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A			100	210,270.00	210,270.00	210,270.00					
840.202	A	Project Physics/Engr Analysis FY04	01OCT03A	256*	30SEP04A			LOE	99,806.20	99,806.20	99,806.20					
840.203	A	Closeout cost FY04 ECP-21	01OCT03A	256*	30SEP04A			LOE	14,000.00	14,000.00	14,000.00					
FY06CV-235	A	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	530.00	530.00	530.00					
<b>Job: 8402 - Project Physics MIE ORNL-LYON</b>																
<b>FY04 Actual Cost</b>																
840.302	A	Project Physics/Engr Analysis FY04	01OCT03A	256*	30SEP04A			LOE	60,876.00	60,876.00	60,876.00					
840.303	A	Closeout cost FY04 ECP-21	01OCT03A	256*	30SEP04A			LOE	44,000.00	44,000.00	44,000.00					
<b>Prior Costs</b>																
840.301	A	Apr-Sept MIE Cost ORNL	01APR03A	152*	30SEP03A			100	40,980.00	40,980.00	40,980.00					

Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50	Fiscal Year			
												FY07	FY08	FY09	FY10
FY06CV-240	A	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	610.00	610.00	610.00				
<b>85 - Integrated Systems Testing</b>															
<b>Job: 8501 - Integrated Systems Testing</b>															
920.001	A	Procedure and Document Preparation	30JUN08	250	30JUN09		65		0.00	386,350.82	371,980.70				
920.000	A	Startup Personnel	16DEC08	72	03APR09		83		0.00	435,467.96	435,467.96				
920.004	A	Begin Start-up Testing	16FEB09	0			83		0.00	0.00	0.00				
920.005	A	Punch list, Cmpplt PTP's, Reconfig, Rm temp Hi-pot	16DEC08	37	13FEB09		83		0.00	0.00	0.00				
920.010	A	Field Coil Testsing, FCPC test & E-Beam Mapping	16FEB09	25	20MAR09		83		0.00	0.00	0.00				
920.020	A	Final ISTP	23MAR09	7	31MAR09		83		0.00	0.00	0.00				
920.021	A	Operations Approval	01APR09	3	03APR09		83		0.00	0.00	0.00				
730.9000	A	First Plasma		0	03APR09		83		0.00	0.00	0.00				
M-0120	A	CD-4 First Plasma		0	31JUL09*		0		0.00	0.00	0.00				
<b>PPPL Allocations</b>															
<b>Job: 8998 - Allocations</b>															
<b>Prior Costs</b>															
99.03	A	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A			100	112,000.00	112,000.00	112,000.00				
99.04	A	PPPL Allocations FY04	01OCT03A	256*	30SEP04A			LOE	260,691.00	260,691.00	260,691.00				
99.05	A	PPPL Allocations FY05	20OCT04A	251*	30SEP05A			LOE	302,697.00	302,697.00	302,697.00				
99.05P	A	PPPL Allocations FY05 rebaseline re-estimate	01OCT04A	251*	30SEP05A			LOE	48,151.80	48,151.80	48,151.80				
FY05CV-43	A	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				56,000.00	56,000.00	56,000.00				
99.06	A	PPPL Allocations FY06	03OCT05A	249*	29SEP06		749	LOE	272,715.24	329,764.50	329,764.50				
99.07	A	PPPL Allocations FY07	02OCT06*	250*	01OCT07		499		0.00	332,787.44	332,787.44				
99.08	A	PPPL Allocations FY08	01OCT07*	249*	29SEP08		251		0.00	166,336.61	166,336.61				
<b>Contingency</b>															
<b>Contingency-Project</b>															
1451RISK	C	ecp50 winding risk setaside	29NOV06*	252	28NOV07		457		0.00	432,557.90	432,496.33				
FY06CV	C	Contingency setaside for FY06 cv through july	01AUG06*	43*	29SEP06		749		0.00	1,611,000.00	0.00				
FY06VCAS	C	Contingency setaside for FY06 cv aug/sep	01AUG06*	43*	29SEP06		749		0.00	184,000.00	0.00				
1451ETC-2	A	1451 add'l (estimate at 90% cpi factor)	02OCT06*	290*	26NOV07		459		0.00	302,820.50	0.00				



Activity ID	Class	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	August EAC	ECP50				
												FY07	FY08	FY09	FY10
99.107	C	Contingency FY07	02OCT06*	249*	28SEP07		500		0.00	1,504,600.00	1,141,192.00				
99.108	C	Contingency FY08	01OCT07*	250*	30SEP08		250		0.00	2,709,880.00	5,509,422.00				
99.109	C	Contingency FY09	01OCT08*	99*	27FEB09		151		0.00	168,252.00	790,758.00				
<b>DCMA</b>															
DCMAFY04	A	DCMA	01OCT03A	256*	30SEP04A				75,000.00	75,000.00	75,000.00				

Run Date 14SEP06 15:42

	Forecast
	zECP-50 baseline
	Progress Bar
	Critical Activity

ETCA

**NCSX  
PROJECT ETC UPDATED  
PLAN 9/14/06**

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***Progress Through July 31st 2006***