

Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)						
										FY06	FY07	FY08	FY09		
<b>cc 9450 - NCSX Fabrication (MIE)</b>															
<b>1 - Stellarator Core Systems</b>															
<b>+ 11 - In-Vessel Components</b>															
		15JUL03A	78	30SEP03A	30SEP03A		100	60.00	60.00						
<b>12 - Vacuum Vessel Systems</b>															
<b>+ Job: 1201 - Vacuum Vessel Prelim Dsn-**CLOSED**</b>															
		01APR03A	133	07OCT03A	07OCT03A		100	424,420.00	424,420.00						
<b>+ Job: 1202 - Vacuum Vessel R&amp;D **CLOSED**</b>															
		01APR03A	636	30SEP05A	30SEP05A		100	1,770,181.86	1,770,181.86						
<b>+ Job: 1206 - VV Field Weld Joint R&amp;D-**CLOSED**</b>															
		29APR04A	359	30SEP05A	30SEP05A		100	15,639.37	15,639.37						
<b>Job: 1203 - Vacuum Vessel Final Dsn-GORANSON</b>															
<b>+ Closeout PDR Design Deliverables</b>															
		01OCT03A	235	31AUG04A	31AUG04A		100	34,746.30	34,746.30						
<b>+ PDR Recommendations</b>															
		01NOV03A	42	31DEC03A	31DEC03A		100	25,738.00	25,738.00						
<b>+ Vacuum Vessel Vendor Selection</b>															
		01JUN04A	86	30SEP04A	30SEP04A		100	5,782.20	5,782.20						
<b>+ FY05 Final Design Tasks</b>															
		01OCT03A	507	30SEP05A	30SEP05A		100	744,133.94	744,133.94						
<b>Final Design Tasks</b>															
1203-802A	Analysis of SXR cans and spacer	03JAN06A	21*	31JAN06A			100	0.00	0.00						
1203-241	Check FMECA Analyses	01SEP05A	141*	28MAR06	01NOV05	896	80	8,092.97	10,116.21					ORNLNEM =40hr ; EA/EM =20hr ;	
1203-271	Develop Assy Rqmnts spec & process	01MAR06*	13*	17MAR06	08DEC05	304	20	6,748.00	33,740.00					ornlem=200	
1203-800	Issue VV FP Station 1 assy dwg	22SEP05A	118*	16MAR06	15DEC05	386	90	6,043.94	6,715.49					ORNLNEM =40hr ;	
1203-801	Issue VV FP final assy dwg	01NOV05A	90*	16MAR06	15DEC05	386	75	5,061.00	6,748.00					ORNLNEM =40hr ;	
1203-802	Issue spacer field machining dwgs	01JAN06A	63*	30MAR06	15DEC05	376	95	4,392.95	6,748.00					ORNLNEM =40hr ;	
1203-806	Establish interface reqmnts	01NOV05A	100*	30MAR06	15DEC05	894	50	3,374.00	6,748.00					ORNLNEM =60hr ;	
1203-820	BOM for all VV parts	03OCT05A	121*	30MAR06	15DEC05	894	60	3,036.60	5,061.00					ORNLNEM =30hr ;	
1203-803	Issue VV final assy dwg	03MAR06	20	30MAR06	15DEC05	300		0.00	6,748.00					ORNLNEM =40hr ;	
1203-804	Issue VV assy specification	24MAR06	5	30MAR06	15DEC05	300		0.00	6,748.00					ORNLNEM =40hr ;	
1203-901	**WBS 12 FINAL FDR **		0	30MAR06*	15DEC05	376		0.00	0.00					ORNLNEM =40hr ;	
<b>VV Personnel Access Port</b>															
1203-950	Personnel Access Port Drawings	01OCT05A	41*	30NOV05A	17NOV05		100	0.00	0.00						
1203-951	Personnel Access Port Analysis	01NOV05A	20*	30NOV05A	17NOV05		100	0.00	0.00						
12003-952	Personnel Access Port FDR		0	30NOV05A	17NOV05		100	1,349.60	1,349.60					ornlem=8	
124-100	Issue req & dwg package NB port cover	02AUG06*	0			315		0.00	0.00					ORNLNEM =40hr ;	
124-110	SPEA VV NB port cover	02AUG06	43	29SEP06	29SEP06	315		0.00	0.00					ORNLNEM =40hr ;	
124-120	Award VV NB port cover		0	29SEP06	29SEP06	315		0.00	0.00					ORNLNEM =40hr ;	

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										FY06	FY07	FY08	FY09
<b>VV Heating/Cooling Tubing</b>													
1203-805	Redo CC heating/cooling tube dwgs&	01OCT05A	79*	31JAN06A	15DEC05		100	20,244.00	20,244.00	ornlem=120			
1203-805A	Mockup and test cooling tube design	03JAN06A	21*	31JAN06A				0.00	0.00				
1203-805F	Heating/cooling tube & clamp FDR		0	16MAR06*	15DEC05			0.00	0.00	▼			
1203-805G	Heating/cooling tube routing FDR		0	30MAR06*				0.00	0.00	▼			
123-030.0	Issue Proc Pkg for VV H/C Tubing WBS 123	17MAR06*	0					0.00	0.00	▼			
<b>VV Heater Tape</b>													
122-012	Heater Tape System Design	02MAY05A	222*	21MAR06	15NOV05	302	95	61,443.30	64,677.16	ea//em=87; ornlem=308			
122-013	Heater Tape System mockup & test	19DEC05A	61*	21MAR06		302	10	0.00	0.00	▼			
122-013A	Heater Tape System FDR		0	21MAR06		302		0.00	0.00	▼			
122-012A	Issue Proc Pkg for VV Heater Tape		0	21MAR06		302		0.00	0.00	▼			
<b>VV Local I&amp;C</b>													
125-011	Final design WBS 125 local I&C	01MAR05A	289*	21APR06	22FEB06	360	80*	13,602.22	17,002.78	ornlem=106			
125-011P	PDR (define rqmnts & sys architecture)		0	30MAR06*	18JAN06*	894		0.00	0.00	▼			
125-011F	FDR (Define HW & SW rqmnts)		0	21APR06*	22FEB06*	360		0.00	0.00	▼			
125-036	Issue Procurement Package Local I&C WBS	24APR06*	0			360		0.00	0.00	▼			
<b>Thermal Insulation</b>													
122-011	Final design WBS 122 Thermal insulation	01JUN04A	449*	17MAR06	31JAN06	250	95	79,898.74	84,103.93	em/em =20hr ;ornlem=527			
122-011F	FDR Thermal Insulation		0	17MAR06	31JAN06	250		0.00	0.00	▼			
122-050	Prep spec and req Blanket Thermal Insulation	30MAY06*	0			200		0.00	0.00	▼			
123-035	Issue Proc Pkg for insulation boots WBS 122	04SEP06*	0			235		0.00	0.00	▼			
122-040	Prep spec and req Port Thermal Insulation	31OCT06*	0			235		0.00	0.00	▼			
122-030.0	Prep spec and req Pourable Insulation	22JAN08*	0			123		0.00	0.00	▼			
<b>SXR Diagnostic VV Design</b>													
1203-810	resolve design pockets for soft x ray arrays	01JAN06A	0*	31JAN06A	16FEB06		100	9,447.20	9,447.20	ORNLEM =56hr ;			
1203-810P	soft x ray array PDR		0	28FEB06A	19JAN06*		100	0.00	0.00	▼			
1203-810F	soft x ray array FDR		0	28FEB06A	16FEB06*		100	0.00	0.00	▼			
1203-810G	Issue requisition and dwg package	06MAR06*	5	10MAR06		584		0.00	0.00	▼			
<b>Job:1204-VV Sys Procurements (non VVSA)-DUDEK</b>													
<b>VV Vertical Supports</b>													
124-030.0	Release dwg package for fab VV Vertical	30SEP05A	0					0.00	0.00				
124-037A	Bid award Titanium Rod ends (PE6383)	01DEC05A	45	22DEC05A				0.00	0.00				
124-037B	Deliver Titanium Rod ends (PE6383)	22DEC05A	62*	27MAR06		477		0.00	0.00	ETC =\$36.6k loaded			
124-037C	Deliver Misc hardware (PE 006209)	01MAR06*	60	23MAY06		436		0.00	0.00	ETC =\$22.6kk loaded			
124-037	PPPL Fab VV Vert. Supports (log # M1091)	01DEC05A	38	31MAY06	25SEP06	436	50	31,272.96	62,545.92	em=768			
<b>VV Lateral Supports</b>													
124-030L	SPEA VV Lateral Supports WBS 124	03JUL06*	43	31AUG06	31AUG06	311		0.00	0.00	▼			
124-036.9L	Award VV Lateral Supports WBS 124		0	02OCT06*	02OCT06*	289		0.00	0.00	▼			

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ECP-39 Status\_Forecast  
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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Fiscal Year				
										FY06	FY07	FY08	FY09	
124-037L	VV Lateral Supports Fab by PPPL WBS 124	03OCT06	60	04JAN07	04JAN07	289		0.00	33,288.00		em//tb=400			
<b>VV Personnel Access Port</b>														
124-130	VV NB port cover Fabrication	02OCT06	65	10JAN07	10JAN07	315		0.00	73,924.32		41=\$53.92			
<b>VV Heating/Cooling Tubing</b>														
123-030	Issue RFQ & Select Vendor VV H/C Tubing	17MAR06	20	13APR06	20JAN06	367		0.00	0.00		tubing = 30; brackets=15			
123-036.9	Award H/C Tubing WBS 123		0	13APR06	20JAN06	367		0.00	0.00					
123-037	Fabricate and Deliver H/C Tubing WBS 123	14APR06	20	11MAY06	17FEB06	367		0.00	61,695.00					
<b>VV Heater Tape</b>														
122-012B	Issue RFQ & Select Vendor for Heater Tape	22MAR06	20	18APR06	20JAN06	302		0.00	0.00					
122-012C	Award Heater Tape		0	18APR06	20JAN06	302		0.00	0.00					
122-012D	Fabricate and Deliver Heater Tape	19APR06	20	16MAY06	21APR06	302		0.00	0.00		41=\$ 12k EAC			
<b>VV H/C Manifolds &amp; Headers</b>														
123-130.0	Issue Proc Pkg for VV H/C Manifolds WBS	03JAN06A	0					0.00	0.00					
123-130	Issue RFQ & Select Vendor VV H/C Manifold	04JAN06A	40	11JAN06A	17FEB06			0.00	0.00					
123-136.9	Award H/C Manifolds WBS 123 (PE006419)		0	11JAN06A	17FEB06			0.00	0.00					
123-137	Fabricate and Deliver H/C Manifolds WBS 123	01MAR06	6*	08MAR06	19MAY06	413		0.00	34,275.00		41=\$25k			
<b>VV Local I&amp;C</b>														
125-037	Procurement Local I&C WBS 125	24APR06	60	18JUL06	17MAY06	360		0.00	3,290.40		41=2.4\$ k ;			
<b>Thermal Insulation</b>														
122-055	SPEA Blanket Thermal Insulation	30MAY06	65	29AUG06	29AUG06	200		0.00	0.00					
122-060	Award Blanket Thermal Insulation		0	29AUG06	29AUG06	200		0.00	0.00					
122-065	Deliver Blanket Thermal Insulation	30AUG06	89	11JAN07	11JAN07	200		0.00	0.00		41=\$ ?			
123-040	Issue RFQ & Select Vendor insul boots WBS	04SEP06	65	05DEC06	05DEC06	235		0.00	0.00					
123-045	Award Insulation Boots WBS 122		0	05DEC06	05DEC06	235		0.00	0.00					
123-050	Fabricate & Deliver Insul Boots WBS 122	06DEC06	130	14JUN07	14JUN07	235		0.00	75,405.00		41=55			
122-035	SPEA Port Thermal Insulation	31OCT06	65	08FEB07	08FEB07	235		0.00	0.00					
122-041	Award Port Thermal Insulation		0	08FEB07	08FEB07	235		0.00	0.00					
122-051	Deliver Port Thermal Insulation	09FEB07	89	14JUN07	14JUN07	235		0.00	0.00		41=\$ ?			
122-030	SPEA Pourable Insulation	22JAN08	65	21APR08	21APR08	123		0.00	0.00					
122-036.9	Award Pourable Insulation		0	21APR08	21APR08	123		0.00	0.00					
122-037	Deliver Pourable Insulation	22APR08	89	22AUG08	22AUG08	123		0.00	63,225.00			41=45		
<b>SXR Diagnostic VV Design</b>														
1203-810H	RFQ, evaluate and award	13MAR06	40	05MAY06		584		0.00	0.00					
1203-810J	Award		0	05MAY06		584		0.00	0.00					
1203-810K	Modify spacer	08MAY06	40	03JUL06		584		0.00	0.00					
122-031	Title III engr WBS 12 non vwsa	01FEB06A	673*	26SEP08	26SEP08	263		763.85	25,461.76		Dudek=32hr ; Goranson			

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 Progress Bar  
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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)						
										FY06	FY07	FY08	FY09		
<b>Job: 1250 - Vacuum Vessel Fabrication-VIOLA</b>															
<b>+ Start Up/Engineering</b>															
		24SEP04A	368		04NOV05			256,750.78	256,750.78						
<b>+ Dies &amp; Gages</b>															
		20SEP04A	185	10JUN05A	10JUN05A		100	655,640.00	655,640.00						
<b>+ Fixture (2) 60 degree</b>															
		25OCT04A	169	23JUN05A	23JUN05A		100	0.00	0.00						
<b>+ Fixture (3) 120 degree</b>															
		15APR05A	76	29JUL05A	29JUL05A		100	220,000.00	220,000.00						
<b>+ Panels &amp; Ports</b>															
		29OCT04A	321	27JAN06A	04JAN06		100	1,211,490.00	1,211,490.00						
<b>First 120 deg segment</b>															
VVSA-301	1st 60 deg segment	10JUN05A	59*	12AUG05A	12AUG05A		100	175,000.00	175,000.00						
VVSA-311	2nd 60 deg segment	23JUN05A	50*	15AUG05A	15AUG05A		100	175,000.00	175,000.00						
VVSA-321	Join two pieces	15AUG05A	35	08SEP05A	08SEP05A		100	50,000.00	50,000.00						
121-135	S005243 #8-One VVSA fabricated		0	08SEP05A	08SEP05A		100	0.00	0.00						
VVSA-331	Machine for Ports	08SEP05A	0*	23SEP05A	23SEP05A		100	95,000.00	95,000.00						
VVSA-341	Weld Ports	03OCT05A	87*	17JAN06A	14NOV05		100	75,000.00	75,000.00						
VVSA-361	Vacuum Test	17JAN06A	31*	17FEB06A	23NOV05		100	60,000.00	60,000.00						
VVSA-371	Cut Off Ports	17FEB06A	11	06MAR06A	05DEC05		100	50,000.00	50,000.00						
VVSA-351	Final Machine	01MAR06*	11*	15MAR06	13DEC05		300	0.00	50,000.00						
VVSA-352	Tack on ports,weld on tube&block	16MAR06	7	24MAR06			300	0.00	0.00						
VVSA-381	Inspect & Pack for Shipping LI#4	27MAR06*	10	07APR06	20DEC05		300	0.00	23,000.00						
VVSA-391	Receive at PPPL	10APR06	3	12APR06	23DEC05		300	0.00	22,560.00						
121-150	S005243 #11-Receipt/Acceptance of 1st VVSA		0	12APR06*	23DEC05*		300	0.00	0.00						
<b>Second 120 deg segment</b>															
VVSA-401	60 deg segment	12AUG05A	36*	09SEP05A	09SEP05A		100	175,000.00	175,000.00						
VVSA-411	60 deg segment	26AUG05A	47*	07OCT05A	07OCT05		100	175,000.00	175,000.00						
VVSA-421	Join two pieces	07OCT05A	51*	16NOV05A	28OCT05		100	55,000.00	55,000.00						
121-140	S005243 #9-Second VVSA fabricated		0	16NOV05A	28OCT05		100	0.00	0.00						
VVSA-431	Machine for Ports	04JAN06A	0*	19JAN06A	18NOV05		100	95,000.00	95,000.00						
VVSA-441	Weld Ports	20JAN06A	41*	17MAR06	23DEC05		362	51,225.00	75,000.00						
VVSA-461	Vacuum Test	20MAR06	20	14APR06	16JAN06		362	0.00	60,000.00						
VVSA-471	Cut Off Ports	17APR06*	11	01MAY06	30JAN06		362	0.00	50,000.00						
VVSA-451	Final Machine	02MAY06*	6	09MAY06	13FEB06		362	0.00	50,000.00						
VVSA-452	Tack on ports,weld on tube&block	10MAY06	7	18MAY06			362	0.00	0.00						
VVSA-481	Inspect & pack for Shipping LI#4	19MAY06*	7	29MAY06	17FEB06		362	0.00	23,000.00						
VVSA-491	Receive at PPPL	30MAY06	3	01JUN06*	24FEB06*		362	0.00	22,000.00						

48=\$375.56k

Contract Milestone Payment\$375.56 (ref only)

48=\$375k

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 Critical Activity

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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Fiscal Year				
										FY06	FY07	FY08	FY09	
121-155	S005243 #12-Receipt /Acceptance of 2nd		0	01JUN06*	24FEB06*	362		0.00	0.00					
<b>Third 120 deg segment</b>														
VVSA-501	60 deg segment	30SEP05A	88*	23JAN06A	28OCT05		100	165,000.00	165,000.00					
VVSA-511	60 deg segment	01DEC05A	44*	31JAN06A	04NOV05		100	165,000.00	165,000.00					
VVSA-521	Join two pieces	23JAN06A	27	10FEB06A	18NOV05		100	45,000.00	45,000.00					
121-145	S005243 #10-Third VVSA fabricated		0	10FEB06A	18NOV05		100	0.00	0.00					
VVSA-531	Machine for Ports	16MAR06*	4	21MAR06	07DEC05	355		0.00	95,000.00					
VVSA-541	Weld Ports	22MAR06	41	17MAY06	27JAN06	355		0.00	75,000.00					
VVSA-561	Vacuum Test	18MAY06	20	14JUN06	08FEB06	355		0.00	60,000.00					
VVSA-571	Cut Off Ports	15JUN06	11	29JUN06	24FEB06	355		0.00	50,000.00					
VVSA-551	Final Machine	30JUN06	6	07JUL06	10MAR06	355		0.00	50,000.00					
VVSA-552	Tack on ports,weld on tube&block	10JUL06	7	18JUL06		355		0.00	0.00					
VVSA-581	Inspect & Pack for Shipping LI#4	19JUL06	7	27JUL06	14MAR06	355		0.00	23,000.00					
VVSA-591	Receive at PPPL	28JUL06	3	01AUG06	21MAR06*	355		0.00	22,000.00					
121-160	S005243 #13-Receipt/Acceptance of 3rd		0	01AUG06	21MAR06*	355		0.00	0.00					
121-038.1	All Vacuum Vessel Sections (3) Delivered		0	01AUG06	21MAR06	355		0.00	0.00					
<b>Ship Tooling</b>														
VVSA-601	Pack Tooling for PPPL	28JUL06	5	03AUG06	21MAR06	811		0.00	0.00					
VVSA-611	PPPL Receive Tooling	04AUG06	4	09AUG06	27MAR06	811		0.00	486,000.00					
121-165	S005243 #14-Delivervy of tooling,dies,fixtures		0	09AUG06*	27MAR06*	811		0.00	0.00					
121-031	VVSA Title III engr	21MAY04A	631	28FEB05A	28FEB05A		LOE	27,753.79	27,753.79					
121-034	VVSA Title III engr	01MAR05A	152*	30SEP05A	30SEP05A		LOE	20,460.00	20,460.00					
121-034.1	VVSA Title III engr	01OCT05A	288*	22NOV06	22NOV06	727	LOE	31,893.98	92,715.05					
121-032	VVSA Contract oversight FY04	21MAY04A	386*	30SEP04A	30SEP04A		LOE	20,052.50	20,052.50					
121-033	VVSA Contract oversight FY05	01OCT04A	290*	28FEB05A	28FEB05A		LOE	75,267.38	75,267.38					
121-035	VVSA Contract oversight FY05 & FY06	01MAR05A	365*	31JAN06A	31JAN06		LOE	255,723.95	255,723.95					
121-035.1	ORNL fesign support during MTM Contract	01MAR05A	152*	30SEP05A	30SEP05A		LOE	17,360.00	17,360.00					
121-035.2	ORNL design support during MTM Contract	01OCT05A	213*	31JAN06A	31JAN06		LOE	22,118.90	22,118.90					
121-036	Ship vac equip from PPPL to MTM for vac	03OCT05A	15	31OCT05A	14NOV05		100	2,742.00	2,742.00					
121-037	Purchase seals and ship to MTM	25APR05A	70*	29JUL05A	29JUL05A		100	42,447.20	42,447.20					
121-038	assist MTM testing of VVSA	17JAN06A	106*	14JUN06	08FEB06	349		0.00	0.00					
121-039	Design Seal Template	01MAR05A	20	31MAR05A	31MAR05A		100	2,480.00	2,480.00					
121-141	Fabricate Seal Template and ship to MTM	01MAR05A	65	31MAR05A	31MAR05A		100	4,240.11	4,240.11					
FY05CV-4	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A		100	-49,000.00	-49,000.00					

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**ECP-39 Baseline**

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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Fiscal Year					
										FY06	FY07	FY08	FY09		
<b>13 - Conventional Coils</b>															
<b>Job: 1301 - TF Design-KALISH</b>															
<b>+ Preliminary Design</b>															
		01OCT03A	355	28FEB05A	28FEB05A		100	471,974.00	471,974.00						
<b>+ Final Design</b>															
		01FEB05A	172	30SEP05A	30SEP05A		100	164,053.52	164,053.52						
<b>+ Prior Costs</b>															
		01APR03A	636	30SEP05A	30SEP05A		100	283,695.13	283,695.13						
<b>Subcontract Procurement Plan</b>															
1301FD-05	Anaylsis Check	01MAR05A	252*	01MAR06	01NOV05	915	95	25,649.40	26,999.37						
1301R-37	Prepare Coil Spec	01MAR05A	231*	09JAN06A	01NOV05		85	0.00	0.00						
131-300	Write Statement of work	10JAN06A	5	16JAN06A				0.00	0.00						
131-305	Approve Specficiation	10JAN06A	5	16JAN06A				0.00	0.00						
131-310	Approve statement of work	16JAN06A	5	23JAN06A				0.00	0.00						
131-315	Vendor Info Meeting		0	10JAN06A				0.00	0.00						
131-320	Source Selection Plan	05JAN06A	5	11JAN06A				0.00	0.00						
131-325	Disposition of chits	12JAN06A	7	20JAN06A				0.00	0.00						
131-330	Update Assembly Drawings	12JAN06A	5	18JAN06A				0.00	0.00						
131-335	Assembly Drawings Approval	19JAN06A	2	20JAN06A				0.00	0.00						
131-345	Complete Procurement Package		0	23JAN06A				0.00	0.00						
131-350	Issue RFP		0	07FEB06A				0.00	0.00						
131-355	Proposals due		0	10MAR06*		245		0.00	0.00						
131-360	Initial Proposal rating		0	20MAR06		245		0.00	0.00						
131-365	Project manager decision		0	27MAR06		245		0.00	0.00						
131-370	Subcontract negotiations complete		0	04APR06		245		0.00	0.00						
131-375	DOE approve package		0	06APR06		245		0.00	0.00						
131-380	Contract Award		0	20APR06		245		0.00	0.00						
<b>Job: 1350 TF Coil Fab Preparation-CHRZANOWSKI</b>															
FY05CV-7	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			135,000.00	135,000.00						
1350-100	Design tooling & winding facility	01MAR05A	152*	31AUG05A	31AUG05A		100	96,961.10	96,961.10						
1350-500	Recondition turnng fixture	21MAR05A	88*	30JUN05A	30JUN05A		100	33,232.20	33,232.20						
1350-600	Build Cleanroom	28MAR05A	174*	30NOV05A	14OCT05		100	45,265.84	45,265.84						
1350-605	Install winding table	01JUN05A	50*	30JUN05A	30JUN05A		100	24,655.80	24,655.80						
1350-610	Setup copper delivery system	03OCT05A	15	31OCT05A	21NOV05		100	11,240.32	11,240.32						
1350-615	Install taping machine	01OCT05A	15	31OCT05A	21NOV05		100	11,240.32	11,240.32						
1350-100.1	Design tooling & winding facility	01SEP05A	88*	29SEP06	31OCT05	765	90	45,408.01	50,453.34						

Dahlgren=160

designer =360 ; chrzanowski =58hr ;

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ECP-39 Status\_Forecast  
 xecp-39 baseline  
 Progress Bar  
 Critical Activity

0602

**NCSX**  
**Status through MARCH 1st**  
**ECP-39 Baseline**

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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Fiscal Year			
										FY06	FY07	FY08	FY09
1350-505	Winding Clamps	02MAY05A	174*	23DEC05A	01NOV05		100	21,766.78	21,766.78				
1350-510	Taping Machine Conditioning	01DEC05A	6	08MAR06	22DEC05	910	80	24,976.48	31,220.60				
1350-515	Winding mandrel	01JUL05A	131*	29SEP06	23DEC05	765	30	9,934.98	33,116.57				
1350-520	Misc tools & equipt	08SEP05A	103*	29SEP06	15DEC05	765	70	32,247.38	46,067.68				
1351-089	Fab Lift Fixture	03OCT05A	119*	28MAR06	23DEC05	896	75	8,795.52	11,727.36				
1350-620	Complete setup of facility		0	29SEP06*	23DEC05*	765		0.00	0.00				
1350-525	TF mold (2)	06APR06	44	07JUN06	11JAN06	246		0.00	123,390.00				
1351-080	Design Assy Fixture	01AUG06*	20	28AUG06	30JAN06	765		0.00	32,432.40				
1351-086	Fab/Assemble Fixture	29AUG06	19	22SEP06	24FEB06	765		0.00	43,708.00				
1351-088	Setup Wedge Casting Fixture & test	25SEP06	5	29SEP06	03MAR06	765		0.00	19,545.60				
<b>Job: 1351 - TF Coil Fabr Supplies-KALISH</b>													
<b>TF Materials &amp; Supplies</b>													
FY05CV-8	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			14,000.00	14,000.00				
1301FD-72	TF Conductor Procurement Package approved	31MAY05A	5	31MAY05A	31MAY05A		100	0.00	0.00				
1301FD-74	Prepare & issue TF Conductor RFP	31MAY05A	23*	03JUN05A	03JUN05A		100	0.00	0.00				
1301FD-76	Evaluate bids and award TF conductor	06JUN05A	0*	30JUN05A	30JUN05A		100	0.00	0.00				
1301FD-77	Award TF conductor		0	30JUN05A	30JUN05A		100	0.00	0.00				
1301FD-78	TF Wedge Plate procurement package	29JUL05A	5	29JUL05A	29JUL05A		100	0.00	0.00				
1301FD-80	Prepare and Issue TF Wedge Plate RFP	12AUG05A	5	18AUG05A	18AUG05A		100	0.00	0.00				
1351-529	Coil Supplies- Deliver Copper	01JUL05A	123*	23DEC05A	14OCT05		100	133,864.50	133,864.50				
1351-531	Coil Supplies- G-11 fillers (PE006162)	03JAN06A	29*	31JAN06A	13MAR06		100	89,115.00	89,115.00				
1351-525	Coil Supplies- Insulation (PE6299)	03JAN06A	65	31MAY06	11JAN06	251	80	87,744.00	109,680.00				
1351-533	Coil Supplies- Lead Blocks(pe6134 for copper)	03SEP05A	128*	13MAR06	13MAR06	274	M&S	32,025.00	53,322.27				
1301FD-82	Update spec, rebid and award Wedge Plate	15JUN06*	41	11AUG06	06FEB06	695		0.00	0.00				
1351-85C	Award TF Castings		0	11AUG06	06FEB06	700		0.00	0.00				
1351-85D	Vendor Fab TF Castings	14AUG06	100	10JAN07	27JUN06	700		0.00	264,924.00				
1351-527	Coil Supplies- Epoxy	08JUN06	324*	18SEP07	07NOV07	248		0.00	82,260.00				
1351-535	Coil Supplies- Safety & PPE equipt & supplies	30MAY06*	88	29SEP06	13FEB06	765		0.00	10,968.00				
1351-537	Coil Supplies- Misc supplies	30MAY06*	88	29SEP06	13FEB06	765		0.00	10,968.00				
1351-541	VPI Supplies- Misc VPI supplies	02AUG06*	88	05DEC06	15MAY06	720		0.00	10,968.00				
1351-543	VPI Supplies- Disposable VPI HW	06JUL06*	107	05DEC06	15MAY06	720		0.00	83,490.47				
<b>Job: 1361 - TF Fabrication-CHYZANOWSKI</b>													
<b>TF Title III and Fabrication Oversight</b>													
131-031	Title III engr (FDR through 1st coil test 75%)	10OCT05A	182*	03JUL06	14JUL06	271		34,817.67	67,476.10				
131-032	Title III engr (completion of coils 10% )	11AUG06	286	02OCT07	19NOV07	244		0.00	33,374.29				
131-033	Winding operations field oversight	24MAR06*	382*	28SEP07	19NOV07	512		0.00	26,005.03				

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█ ECP-39 Status\_Forecast  
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█ Critical Activity

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**NCSX**  
 Status through MARCH 1st  
 ECP-39 Baseline

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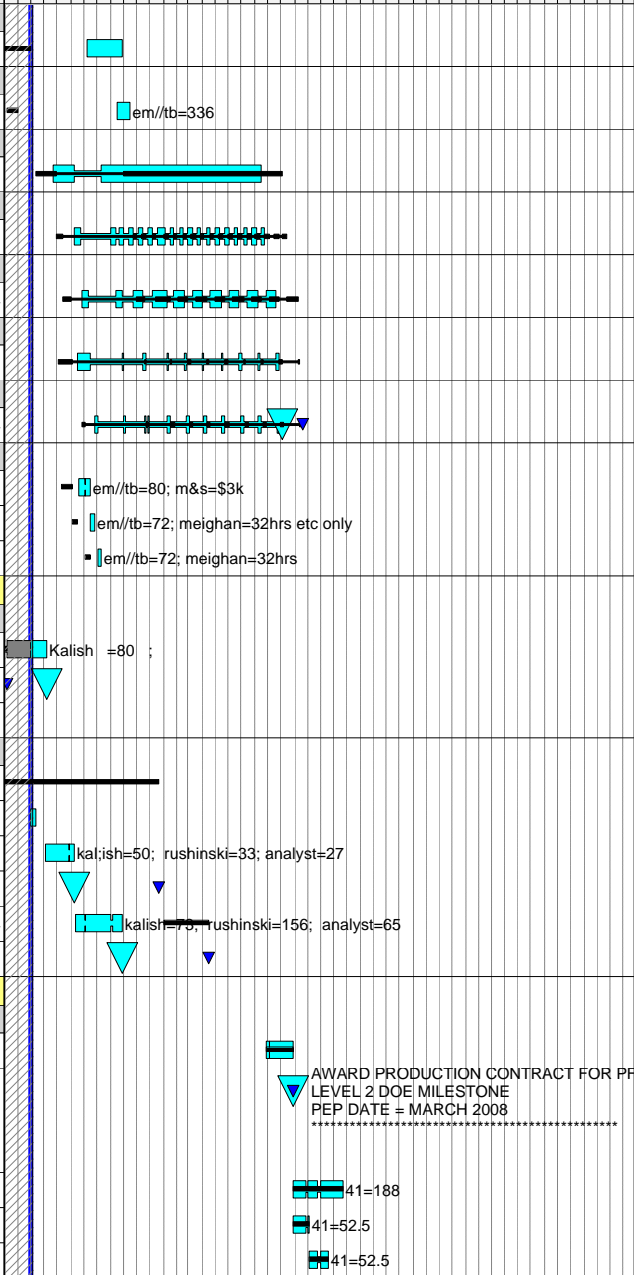
Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	FY			
										FY06	FY07	FY08	FY09
<b>+ TF Braze Qualification</b>													
		10JUL06	60	29SEP06	02MAR06	765		0.00	30,284.80				
<b>Conductor Prep</b>													
1351-547	Conductor Preparation	18SEP06*	21	16OCT06	31JAN06	754		0.00	27,677.12				
<b>+ Coil Winding</b>													
		21APR06	333	15AUG07	04OCT07	248		0.00	177,303.20				
<b>+ Ground Wrap &amp; Mold Application</b>													
		08JUN06	307	24AUG07	15OCT07	248		0.00	78,423.29				
<b>+ VPI</b>													
		26JUN06	312	18SEP07	07NOV07	248		0.00	111,042.24				
<b>+ Electrical Test (warm before casting instl)</b>													
		15JUN06	323	24SEP07	13NOV07	249		0.00	21,702.98				
<b>+ Assemble TF Casting to TF coil</b>													
		26JUL06	301	02OCT07	19NOV07	246		0.00	53,874.74				
<b>Final Test (cold after casting installation)</b>													
1351-901	Build Cryostat for teststand to hold TF coil	19JUN06	20	17JUL06	06JUN06	246		0.00	10,628.20				
1351-905	Cold test #1 BEFORE casting applied	18JUL06	6	25JUL06	14JUN06	246		0.00	9,966.08				
1351-910	Cold test #1 again AFTER casting applied	03AUG06	6	10AUG06	14JUL06	246		0.00	9,966.08				
<b>Job: 1302 - PF Design -KALISH</b>													
<b>TF I&amp;C</b>													
133-010	Design WBS 134 Conv Coil I&C	01MAR05A	277*	06APR06	03JAN06	590	10	1,354.06	13,540.59				
133-011	Design WBS 134 Conv Coil I&C FDR		0	06APR06*	03JAN06*	884		0.00	0.00				
FY05CV-6	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			-22,000.00	-22,000.00				
1302-PF	Start PF Preliminary Design	01MAR05A	145	30SEP05A	22DEC06		100	7,601.50	7,601.50				
133-012	Specification for PF coils	01MAR06*	9*	13MAR06	02DEC05	366		0.00	0.00				
1302-PFX	Complete PF Preliminary Design	03APR06*	49	09JUN06		352		0.00	19,146.60				
141-012	PF PDR		0	09JUN06	22DEC06	352		0.00	0.00				
1302-CSS	PF Final Design	12JUN06	75	26SEP06	16APR07	352		0.00	51,173.64				
1301-137	PF FDR		0	26SEP06	16APR07	352		0.00	0.00				
<b>Job: 1352 - PF Coil Procurement-KALISH</b>													
<b>PF Coil Fabrication</b>													
141-035	Bid & Award PF Coils	27AUG07*	45	29OCT07	29OCT07	124		0.00	0.00				
141-036	PF Coils Awarded		0	29OCT07	29OCT07	124		0.00	0.00				
1352-100	Material & leads	30OCT07	75	21FEB08	21FEB08	124		0.00	264,140.00				
1352-110	Tooling for PF 4	30OCT07*	25	05DEC07	05DEC07	159		0.00	73,762.50				
1352-115	Tooling for PF 5	06DEC07	25	17JAN08	17JAN08	159		0.00	73,762.50				

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**Status through MARCH 1st**  
**ECP-39 Baseline**

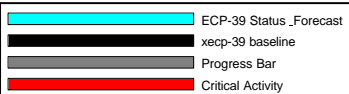
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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Gantt Chart				
										FY06	FY07	FY08	FY09	
1352-120	Tooling for PF 6	18JAN08	25	21FEB08	21FEB08	174		0.00	73,762.50					
1352-105	Tooling for PF 1,2 and 3 NOT REQ'D USE	22FEB08	30	03APR08	03APR08	174		0.00	0.00					
1352-140	Fabricate/Dlvr PF 4 lower	22FEB08	10	06MAR08	06MAR08	124		0.00	55,848.75					
1352-145	Fabricate/Dlvr PF 5 lower	07MAR08	15	27MAR08	27MAR08	124		0.00	41,817.00					
1352-150	Fabricate/Dlvr PF 6 lower	28MAR08	15	17APR08	17APR08	124		0.00	41,817.00					
1352-155	Fabricate/Dlvr PF 4 upper	18APR08	10	01MAY08	01MAY08	124		0.00	41,817.00					
1352-160	Fabricate/Dlvr PF 5 upper	02MAY08	15	22MAY08	22MAY08	124		0.00	41,817.00					
1352-165	Fabricate/Dlvr PF 6 upper	23MAY08	15	13JUN08	13JUN08	124		0.00	41,817.00					
1352-125	Fabricate/Dlvr PF 1 NOT REQD USE PF1a	16JUN08	15	07JUL08	07JUL08	124		0.00	0.00					
1352-130	Fabricate/Dlvr PF 2 NOT REQD USE PF1a	08JUL08	15	28JUL08	28JUL08	124		0.00	0.00					
1352-135	Fabricate/Dlvr PF 3 NOT REQD USE PF1a	29JUL08	15	18AUG08	18AUG08	124		0.00	0.00					
1352-135X	Refurbish NSTX PF1a	02OCT06*	5	06OCT06	06OCT06	589		0.00	1,331.52					
722.010	PF Coil receipt inspect/test (formerly wbs 183)	22FEB08	125*	18AUG08	18AUG08	124		0.00	31,275.16					
141-031	Title III engr WBS 132	27AUG07*	268	19SEP08	19SEP08	268		0.00	112,977.05					
<b>Job: 1354 - Trim Coil Design &amp; Procurement-KALISH</b>														
<b>Trim Coils</b>														
1303-TRIM	Trim Coil Design	07SEP06*	88	18JAN07	10JAN07	218		0.00	42,155.97					
1303-136	Trim Coil PDR		0	07NOV06	10NOV06	227		0.00	0.00					
1303-137	Trim Coil FDR		0	18JAN07	10JAN07	218		0.00	0.00					
184-035	Bid & Award Ext Trim Coils	19JAN07	45	22MAR07	14MAR07	218		0.00	0.00					
184-036	Award External Trim Coils		0	22MAR07	14MAR07*	218		0.00	0.00					
184-037	External Trim Coil Procurement/Fab*ecp16	23MAR07	87	25JUL07	17JUL07	218		0.00	34,275.00					
184-015	Title III WBS 133 Rxt Trim Coils	19JAN07	147	15AUG07	07AUG07	543		0.00	26,834.06					
<b>Job: 1303 - Centrol Solenoid Support Dsn-DAHLGREN</b>														
1303-100	CS Support Preliminary Design	03JAN06A	54*	17MAR06		362	50	27,240.39	54,480.78					
1303-105	CS Sprt PDR		0	17MAR06		362		0.00	0.00					
1303-110	CS Support Final Design	20MAR06	75	03JUL06		362		0.00	103,217.58					
1303-115	CS Support FDR		0	03JUL06		362		0.00	0.00					
<b>Job: 1353 - CS Structure Procurement-DAHLGREN</b>														
<b>CS Support Structure</b>														
163-035	Bid & Award CS Support Struct	10JUL06	45	11SEP06	19JUN07	359		0.00	0.00					
163-036.9	Award CS Support Structure		0	11SEP06*	19JUN07*	359		0.00	0.00					
163-037	CS Support Structure Procurement/Fab	12SEP06*	249	10SEP07	17JUN08	359		0.00	202,019.87					
163-015	Title III design CS sprt struc	10JUL06	294	10SEP07	17JUN08	526		0.00	58,973.44					
<b>Job: 1355 - WBS 13 I&amp;C Proc &amp; Coil Assy-KALISH</b>														
<b>TF/PF Loacl I&amp;C</b>														
133-015	Title III WBS 134 Conv Coil I&C	09OCT06*	130	18APR07	18APR07	626		0.00	1,141.72					

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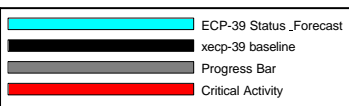
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Status through MARCH 1st  
ECP-39 Baseline

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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	FY			
										FY06	FY07	FY08	FY09
133-037	Conv Coil I&C WBS 134 Proc & Install	02OCT06*	130	11APR07	11APR07	467		0.00	69,587.22				
1355-100	CS and PF 1a Pre-Assy incl coil I&C	19AUG08	15	09SEP08	09SEP08	124		0.00	20,510.40				
<b>14 - Modular Coils</b>													
<b>+ Job: 1401 - Mod Coil Prel.Dsn**CLOSED**</b>													
		01APR03A	636	30SEP05A	30SEP05A		100	304,040.00	304,040.00				
<b>+ Job: 1402 - Mod.Coil Analyses**CLOSED**</b>													
		01APR03A	636	30SEP05A	30SEP05A		100	239,140.00	239,140.00				
<b>+ Job:1404-MCWF R&amp;D &amp; 1st Prod Casting**CLOSED**</b>													
		01APR03A	636	30SEP05A	30SEP05A		100	2,543,518.06	2,543,518.06				
<b>+ Job: 1413 -MCWF Fracture Analysis-**CLOSED**</b>													
		01OCT04A	251	30SEP05A	30SEP05A		100	28,169.40	28,169.40				
<b>+ Job: 1405-Mod Coil Winding R&amp;D Prep-**CLOSED**</b>													
		01APR03A	636	30SEP05A	30SEP05A		100	168,070.00	168,070.00				
<b>+ Job: 1407 -Mod Coil Winding Facility-**CLOSED**</b>													
		01APR03A	636	30SEP05A	30SEP05A		100	2,545,993.12	2,545,993.12				
<b>+ Job: 1412 - Complete Winding Facilities-*CLOSED*</b>													
		01OCT04A	251	30SEP05A	30SEP05A		100	537,436.88	537,436.88				
<b>+ Job: 1406 - Mod. Coil Winding R&amp;D-**CLOSED**</b>													
		01APR03A	636	30SEP05A	30SEP05A		100	2,246,588.41	2,246,588.41				
<b>+ Job: 1410 MC Twisted Racetrack Fabr-**CLOSED**</b>													
		01OCT04A	251	30SEP05A	30SEP05A		100	1,050,211.32	1,050,211.32				
<b>+ Job: 1409 - Coil Test Stand-GETTELFINGER*CLOSED*</b>													
		20OCT03A	494	30SEP05A	30SEP05A		100	915,941.31	915,941.31				
<b>+ Job: 1415 Dim Cntrl Testing-RAFTOPOLOUS*CLOSED**</b>													
		01OCT04A	251	30SEP05A	30SEP05A		100	23,850.00	23,850.00				
<b>+ Job: 1419-Winding Fac. Mods-CHRZANOWSKI*CLOSED*</b>													
		01OCT04A	251	30SEP05A	30SEP05A		100	48,000.00	48,000.00				
<b>Job: 1403 - Modular Coil Final Design-WILLIAMSON</b>													
<b>+ PDR/PBR Prep</b>													
		01OCT03A	61	24DEC03A	24DEC03A		100	18,016.60	18,016.60				
<b>+ Requirements/Config and Interfaces</b>													
		15OCT03A	160	28MAY04A	28MAY04A		100	46,457.09	46,457.09				
<b>+ Analysis - Thermal &amp; Electrical</b>													
		15OCT03A	152	18MAY04A	18MAY04A		100	39,639.40	39,639.40				
<b>+ Analysis - Structural</b>													
		15OCT03A	152	18MAY04A	18MAY04A		100	367,160.37	367,160.37				
<b>+ Winding Form FDR Prep</b>													
		15OCT03A	236	16SEP04A	16SEP04A		100	383,223.24	383,223.24				
<b>+ MCWF Procurement</b>													
		01JUN04A	86	30SEP04A	30SEP04A		100	45,223.48	45,223.48				

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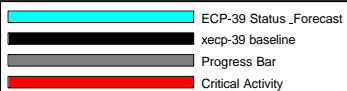
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 ECP-39 Status \_Forecast  
 xecp-39 baseline  
 Progress Bar  
 Critical Activity

0602  
**NCSX**  
 Status through MARCH 1st  
**ECP-39 Baseline**  
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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)						
										FY06	FY07	FY08	FY09		
<b>+ Coil-to-coil Interface Design</b>															
		15OCT03A	246	30SEP04A	30SEP04A		100	91,408.51	91,408.51						
<b>+ MCWF &amp; Winding Analysis/Testing</b>															
		02FEB04A	400	31AUG05A	31AUG05A		100	656,902.73	656,902.73						
<b>+ Winding and Assembly Design-Type C</b>															
		01JAN04A	442	30SEP05A	30SEP05A		100	267,656.11	267,656.11						
<b>+ Twisted Racetrack Design (Williamson)</b>															
		01OCT03A	455	29JUL05A	29JUL05A		100	376,539.25	376,539.25						
<b>+ Prior Costs</b>															
		01OCT04A	251	30SEP05A	30SEP05A		100	564,400.00	564,400.00						
<b>Type C Design Closeout</b>															
1403-203C	Finish Clamp Dwgs (5)-Type C	01MAR05A	193*	30NOV05A	14OCT05		100	15,791.04	15,791.04						
1403-506	Chill plate dwgs approved for fabrication		0*	30NOV05A	03OCT05		100	0.00	0.00						
1403-510	Clamp and assy dwgs approved for fabrication	30NOV05A	0*	30NOV05A	17OCT05		100	0.00	0.00						
1403-59	Type-C product specifications	02MAY05A	160*	30NOV05A	14OCT05		100	6,350.79	6,350.79						
1403-70.05	Update MIT/QA Plans for Type C Winding Fab	01SEP05A	42*	31OCT05A	21OCT05		100	6,474.00	6,474.00						
1403-X1	Winding form revisions (unplanned)	03OCT05A	0	31OCT05A				0.00	0.00						
1403-X2	Terminal Changes (unplanned)	03OCT05A	0	31OCT05A				0.00	0.00						
1403-90	Compile Material properties database	01OCT04A	388*	21APR06	31OCT05		878	18,182.96	20,203.29					hm fan=120	
1403-40.2Z	Update nonlinear winding pack analysis	01AUG04A	431*	21APR06	14OCT05		878	79,646.80	88,496.44					freudenberg=480;williamson=40 nelson=4Myatt=40 (\$5k)	
1403-73	Prep struct analysis report	01MAY05A	245*	21APR06	31OCT05		878	10,410.30	13,012.87					FREUDENBERG =80hr ;	
1403-76	Structural analysis of leads	01OCT04A	358*	10MAR06	31OCT05		908	10,182.06	12,727.58					FREUDENBERG =80hr ;	
1403-200	Side A/B winding pack assy-Type C	01JAN04A	563*	30MAR06	14OCT05		894	32,590.38	36,211.53					183+60= 243 hrs	
1403-224C	Finish VPI mold assembly-Type C	01MAR05A	273*	30MAR06	14OCT05		894	2,899.30	3,221.44					20 hrs	
1403-206.1	Cooling tubes/services assy- Type C	25APR05A	234*	30MAR06	14OCT05		894	8,752.55	9,725.05					60 hrs	
1403-206C	Finish Cooling, Electr Schematic Dwgs - Type	01MAR05A	273*	30MAR06	14OCT05		894	5,798.60	6,442.89					40 hrs	
1403-58C	Check and promote clamp, I&C assy dwgs	01JUN05A	208*	30MAR06	14OCT05		894	14,667.27	16,296.97					100 hrs	
1403-60C	Finish Update design basis document	02MAY05A	229*	30MAR06	14OCT05		894	7,787.47	12,979.11					80 hrs	
1403-223C	Finish Top level coil assembly-Type C	01MAR05A	273*	30MAR06	14OCT05		894	11,597.19	12,885.77					80 hrs	
1403-208C	Finish I&C Dwgs -Type C	01MAR05A	273*	30MAR06	14OCT05		894	5,798.60	6,442.89					40 hrs	
1403-20.2	Resolve FDR chits	01AUG05A	162*	24MAR06	17OCT05		898	5,936.20	6,595.78					40 hrs	
1403-42H	calculate EM loads at leads	01SEP05A	159*	21APR06	31OCT05		878	6,004.96	10,008.26					williamson=60	
1403-47A	Update,review & approve FMECA	26SEP05A	122*	24MAR06	28OCT05		898	672.55	6,725.54					Williamson=80	
1403-42A1	Document analysis of MCWF eddy currents	01MAR06*	18*	24MAR06	31OCT05		898	0.00	0.00					Brooks	
1403-47C	Perform cool-down/warmup analysis	01MAR06*	18*	24MAR06	31OCT05		898	0.00	6,962.40					fan=40	
1403-50A	Check inductance calculation	01MAR06	18*	24MAR06	31OCT05		898	0.00	6,748.00					ornlem=40	
1403-20.0	Final Design Close-out for Type C		0	24APR06*	31OCT05*		877	0.00	0.00						

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 ECP-39 Status \_Forecast  
 xecp-39 baseline  
 Progress Bar  
 Critical Activity

0602

**NCSX**  
**Status through MARCH 1st**  
**ECP-39 Baseline**

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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Fiscal Year						
										FY06	FY07	FY08	FY09			
<b>Job: 1416-Mod Coil Type A&amp;B Final Dsn-WILLIAMSON</b>																
<b>Winding and Assembly Design-Type A</b>																
1416A-105	-Subasm Shrinkwrap	01MAR06*	5	07MAR06	21DEC05	181		0.00	6,748.00	ORNL	LEM	=40hr				
1416A-109	-Check and Promote	08MAR06	5	14MAR06	05JAN06	181		0.00	3,374.00	ORNL	LEM	=20hr				
1416A-113	MCWF mods-As-Built MCWF	01AUG05A	145*	28FEB06A	07OCT05		100	13,153.50	13,153.50	ORNL	LEM	=80hr				
1416A-117	MCWF mods-Studs, Lead Block Mount	01OCT05A	100*	28FEB06A	14OCT05		100	6,748.00	6,748.00	ORNL	LEM	=40hr				
1416A-121	MCWF mods-Seal Groove Adapter	01OCT05A	107*	10MAR06	21OCT05	183	90	6,073.20	6,748.00	ORNL	LEM	=40hr				
1416A-125	MCWF mods-Metrology Data Files	03OCT05A	107*	10MAR06	26OCT05	183	90	3,036.60	3,374.00	ORNL	LEM	=20hr				
1416A-129	MCWF mods-Check and Promote	30NOV05A	67*	10MAR06	02NOV05	183	90	3,036.60	3,374.00	ORNL	LEM	=20hr				
1416A-133	Lead Block Assy-Lead Blocks	01OCT05A	100*	28FEB06A	28OCT05		100	13,496.00	13,496.00	ORNL	LEM	=80hr				
1416A-137	Lead Block Assy-Top and Side Plates	28NOV05A	62*	28FEB06A	18NOV05		100	13,496.00	13,496.00	ORNL	LEM	=80hr				
1416A-141	Lead Block Assy-Detail Parts, Intralink	28NOV05A	69*	10MAR06	23NOV05	143	90	6,073.20	6,748.00	ORNL	LEM	=40hr				
1416A-145	Lead Block Assy-Filament Data Files	28NOV05A	69*	10MAR06	01DEC05	143	90	3,036.60	3,374.00	ORNL	LEM	=20hr				
1416A-149	Lead Block Assy-Check and Promote	01MAR06	8*	10MAR06	08DEC05	143	50	1,687.00	3,374.00	ORNL	LEM	=20hr				
1416A-153	Lead Terminals-Splice Plates	03APR06*	5	07APR06	27OCT05	118		0.00	3,374.00	ORNL	LEM	=20hr				
1416A-157	Lead Terminals-Check and Promote	10APR06*	5	14APR06	03NOV05	118		0.00	3,374.00	ORNL	LEM	=20hr				
1416A-161	Side A Coil Assy-Cladding Asm	01SEP05A	132*	15MAR06	28OCT05	144	90	34,448.25	38,275.83	ORNL	LEM	=230hr				
1416A-165	Side A Coil Assy-Cond Layers, Geom Files	28NOV05A	77*	22MAR06	04NOV05	175	90	6,073.20	6,748.00	ORNL	LEM	=40hr				
1416A-169	Side A Coil Assy-Magnetic Loops	28NOV05A	72*	15MAR06	14NOV05	180	90	3,036.60	3,374.00	ORNL	LEM	=20hr				
1416A-173	Side A Coil Assy-Chill Plates and Tubing	28NOV05A	72*	15MAR06	13DEC05	180	70	28,341.60	40,488.00	ORNL	LEM	=240hr				
1416A-177	Side A Coil Assy-Check and Promote	01MAR06	11*	15MAR06	04JAN06	180		0.00	6,748.00	ORNL	LEM	=40hr				
1416A-181	Side B Coil Assy-Cladding Asm	01SEP05A	132*	15MAR06	28OCT05	144	90	35,726.47	39,696.08	EA/EM		=230hr				
1416A-185	Side B Coil Assy-Cond Layers, Geom Files	28NOV05A	72*	15MAR06	07NOV05	180	90	6,073.20	6,748.00	ORNL	LEM	=40hr				
1416A-189	Side B Coil Assy-Magnetic Loops	28NOV05A	72*	15MAR06	16NOV05	180	90	3,036.60	3,374.00	ORNL	LEM	=20hr				
1416A-193	Side B Coil Assy-Chill Plates and Tubing	28NOV05A	72*	15MAR06	13DEC05	180	70	29,242.08	41,774.40	EA/EM		=240hr				
1416A-197	Side B Coil Assy-Check and Promote	01MAR06	11*	15MAR06	04JAN06	180		0.00	6,748.00	ORNL	LEM	=40hr				
1416A-201	Coil Post VPI mods-Studs Removed	03DEC05A	99*	28APR06	02NOV05	143	30	1,012.20	3,374.00	ORNL	LEM	=20hr				
1416A-205	Coil Post VPI mods-Clamp Arrangement	03DEC05A	99*	28APR06	09NOV05	143	70	4,723.60	6,748.00	ORNL	LEM	=40hr				
1416A-209	Coil Post VPI mods-Check and Promote	01MAY06	5	05MAY06	16NOV05	143		0.00	3,374.00	ORNL	LEM	=20hr				
1416A-213	Clamp Assy-Clamp Hardware	28NOV05A	40*	23DEC05A	24OCT05		100	674.80	674.80							
1416A-217	Clamp Assy-Check and Promote	01DEC05A	1	23DEC05A	25OCT05		100	674.80	674.80							
1416A-221	I&C-Strain Gages and T/C	01MAR06*	3	03MAR06	13DEC05	183		0.00	3,374.00	ORNL	LEM	=20hr				
1416A-225	I&C-Rogowski Coils	01MAR06*	5	07MAR06	08DEC05	181		0.00	6,748.00	ORNL	LEM	=40hr				
1416A-229	I&C-Check and Promote	08MAR06*	5	14MAR06	20DEC05	181		0.00	3,374.00	ORNL	LEM	=20hr				
1416A-233	Coil-to-Coil -Current Feed Insul, Covers	01MAR06*	5	07MAR06	21NOV05	181		0.00	3,374.00	ORNL	LEM	=20hr				
1416A-237	Coil-to-Coil -Windings Insul Blanket	01MAR06*	5	07MAR06	16NOV05	181		0.00	3,374.00	ORNL	LEM	=20hr				
1416A-241	Coil-to-Coil -Bushing Installation	01MAR06*	5	07MAR06	28NOV05	181		0.00	3,374.00	ORNL	LEM	=20hr				

Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Fiscal Year				
										FY06	FY07	FY08	FY09	
1416A-245	Coil-to-Coil -Check and Promote	08MAR06	5	14MAR06	05DEC05	181		0.00	3,374.00					
1416A-249	-Type-A Coil Asm Specification	07MAR06*	5	13MAR06	03JAN06	172		0.00	6,748.00					
1416A-253	-Review and Approve Type-A Spec	14MAR06	5	20MAR06	10JAN06	172		0.00	3,374.00					
1416A-257	-Update Coil Fab Procedures	21MAR06*	5	27MAR06	17JAN06	172		0.00	3,374.00					
1416A-261	-Prepare and Conduct FDR	08MAY06*	5	12MAY06	24JAN06	143		0.00	6,748.00					
1416A-262	TYPE A FDR		0	12MAY06*	24JAN06	143		0.00	0.00					
1416A-265	-Resolve FDR Comments	15MAY06	10	26MAY06	07FEB06	143		0.00	6,748.00					
<b>Winding and Assembly Design-Type B</b>														
1416B-105	-Subasm Shrinkwrap	11APR06*	5	17APR06	17APR06	215		0.00	6,748.00					
1416B-109	-Check and Promote	18APR06	5	24APR06	24APR06	215		0.00	3,372.31					
1416B-113	MCWF mods-As-Built MCWF	01DEC05A	65*	09MAR06	09JAN06	242	30	2,024.40	6,748.00					
1416B-117	MCWF mods-Studs, Lead Block Mount	01MAR06*	5	07MAR06	16JAN06	244		0.00	6,748.00					
1416B-121	MCWF mods-Seal Groove Adapter	01MAR06*	5	07MAR06	24JAN06	244		0.00	6,748.00					
1416B-125	MCWF mods-Metrology Data Files	01MAR06*	3	03MAR06	25JAN06	246		0.00	3,372.31					
1416B-129	MCWF mods-Check and Promote	10MAR06	5	16MAR06	01FEB06	242		0.00	3,372.31					
1416B-133	Lead Block Assy-Lead Blocks	28NOV05A	68*	09MAR06	09JAN06	198	90	12,143.37	13,492.63					
1416B-137	Lead Block Assy-Top and Side Plates	28NOV05A	68*	09MAR06	01FEB06	198	90	12,143.37	13,492.63					
1416B-141	Lead Block Assy-Detail Parts, Intralink	10FEB06A	5	07MAR06	16FEB06	200	50	3,374.00	6,748.00					
1416B-145	Lead Block Assy-Filament Data Files	06FEB06A	5	07MAR06	10FEB06	200	50	1,686.16	3,372.31					
1416B-149	Lead Block Assy-Check and Promote	10MAR06	5	16MAR06	23FEB06	198		0.00	3,372.31					
1416B-153	Lead Terminals-Splice Plates	01MAR06*	5	07MAR06	01FEB06	200		0.00	3,372.31					
1416B-157	Lead Terminals-Check and Promote	08MAR06*	5	14MAR06	08FEB06	200		0.00	3,372.31					
1416B-161	Side A Coil Assy-Cladding Asm	03DEC05A	35	18APR06	08FEB06	183	50	23,615.47	47,230.94					
1416B-165	Side A Coil Assy-Cond Layers, Geom Files	01MAR06*	5	07MAR06	03FEB06	239		0.00	6,748.00					
1416B-169	Side A Coil Assy-Magnetic Loops	03MAR06*	5	09MAR06	09FEB06	237		0.00	3,372.31					
1416B-173	Side A Coil Assy-Chill Plates and Tubing	07MAR06*	45	08MAY06	10APR06	195		0.00	60,723.57					
1416B-177	Side A Coil Assy-Check and Promote	09MAY06	10	22MAY06	24APR06	195		0.00	6,748.00					
1416B-181	Side B Coil Assy-Cladding Asm	03DEC05A	35	18APR06	08FEB06	183	50	24,365.79	48,731.58					
1416B-185	Side B Coil Assy-Cond Layers, Geom Files	01MAR06*	5	07MAR06	03FEB06	239		0.00	6,748.00					
1416B-189	Side B Coil Assy-Magnetic Loops	03MAR06*	5	09MAR06	09FEB06	237		0.00	3,372.31					
1416B-193	Side B Coil Assy-Chill Plates and Tubing	07MAR06*	45	08MAY06	10APR06	195		0.00	62,652.90					
1416B-197	Side B Coil Assy-Check and Promote	09MAY06	10	22MAY06	24APR06	195		0.00	6,748.00					
1416B-201	Coil Post VPI mods-Studs Removed	01MAR06*	5	07MAR06	06FEB06	244		0.00	3,372.31					
1416B-205	Coil Post VPI mods-Clamp Arrangement	03MAR06*	5	09MAR06	09FEB06	242		0.00	6,748.00					
1416B-209	Coil Post VPI mods-Check and Promote	10MAR06	5	16MAR06	16FEB06	242		0.00	3,372.31					
1416B-213	Clamp Assy-Clamp Hardware	01MAR06*	1	01MAR06	25JAN06	252		0.00	674.80					
1416B-217	Clamp Assy-Check and Promote	02MAR06	1	02MAR06	26JAN06	252		0.00	674.80					

ECP-39 Status\_Forecast  
 xecp-39 baseline  
 Progress Bar  
 Critical Activity

Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Fiscal Year				
										FY06	FY07	FY08	FY09	
1416B-221	I&C-Strain Gages and T/C	03APR06*	5	07APR06	09MAR06	221		0.00	3,372.31					
1416B-225	I&C-Rogowski Coils	10APR06*	5	14APR06	14MAR06	216		0.00	6,748.00					
1416B-229	I&C-Check and Promote	17APR06	5	21APR06	21MAR06	216		0.00	3,372.31					
1416B-233	Coil-to-Coil -Current Feed Insul, Covers	23MAR06*	5	29MAR06	01MAR06	228		0.00	3,372.31					
1416B-237	Coil-to-Coil -Windings Insul Blanket	20MAR06*	5	24MAR06	24FEB06	231		0.00	3,372.31					
1416B-241	Coil-to-Coil -Bushing Installation	28MAR06*	5	03APR06	06MAR06	225		0.00	3,372.31					
1416B-245	Coil-to-Coil -Check and Promote	04APR06	5	10APR06	13MAR06	225		0.00	3,372.31					
1416B-249	-Type-B Coil Asm Specification	11MAY06*	5	17MAY06	17APR06	188		0.00	6,748.00					
1416B-253	-Review and Approve Type-B Spec	18MAY06	5	24MAY06	24APR06	188		0.00	3,372.31					
1416B-257	-Update Coil Fab Procedures	25MAY06	5	01JUN06	01MAY06	188		0.00	3,372.31					
1416B-261	-Prepare and Conduct FDR	02JUN06*	5	08JUN06	08MAY06	188		0.00	6,748.00					
1416B-262	TYPE B FDR		0	08JUN06	08MAY06	188		0.00	0.00					
1416B-265	-Resolve FDR Comments	09JUN06	10	22JUN06	22MAY06	188		0.00	6,748.00					
<b>Job:1408-Mod Coil Winding Supplies-CHRZANOWSKI</b>														
<b>+ Prior Costs</b>														
		01APR03A	64	30SEP03A	30SEP03A		100	29,790.00	29,790.00					
<b>+ Copper Conductor</b>														
		02AUG04A	315	31OCT05A	31OCT05		100	273,914.27	273,914.27					
<b>+ Insulation for conductor</b>														
		09JUL04A	245	30JUN05A	30JUN05A		100	26,901.00	26,901.00					
<b>+ Groundwrap Insulation</b>														
		03JAN05A	41	28FEB05A	28FEB05A		100	25,620.00	25,620.00					
<b>Cladding</b>														
1408-505	PPPL Fabr Cladding Type C for Coil c1	01MAY05A	15	31MAY05A	31MAY05A		100	3,586.65	3,586.65					
1408-507	PPPL Fabr Cladding Type C for Coil c2	02OCT05A	58*	23DEC05A	21NOV05		100	3,838.80	3,838.80					
1408-501	Submet Requisition for Type C Cladding	31OCT05A	1	31OCT05A	03OCT05		100	0.00	0.00					
1408-503	Bid and Award Type C Cladding (PE006336)	01NOV05A	20	30NOV05A	31OCT05		100	0.00	0.00					
1408-509	Fabr Cladding Type C for Coil c3	03DEC05A	36	31JAN06A	21NOV05		100	3,838.80	3,838.80					
1408-511	Fabr Cladding Type C for Coil c4	03DEC05A	36	31JAN06A	14DEC05		100	3,838.80	3,838.80					
1408-513	Fabr Cladding Type C for Coil c5	03DEC05A	36	31JAN06A	12JAN06		100	3,838.80	3,838.80					
1408-515	Fabr Cladding Type C for Coil c6	03DEC05A	36	31JAN06A	02FEB06		100	3,838.80	3,838.80					
1408-517	Submet Requisition for Type A Cladding	16MAR06	5	22MAR06	04NOV05	144		0.00	0.00					
1408-519	Bid and Award Type A Cladding	23MAR06	30	03MAY06	20DEC05	144		0.00	0.00					
1408-521	Fabr Cladding Type A for Coil a1	04MAY06	25	08JUN06	18JAN06	144		0.00	3,838.80					
1408-523	Fabr Cladding Type A for Coil a2	04MAY06	25	08JUN06	08FEB06	160		0.00	3,838.80					
1408-525	Fabr Cladding Type A for Coil a3	04MAY06	25	08JUN06	01MAR06	191		0.00	3,838.80					
1408-527	Fabr Cladding Type A for Coil a4	04MAY06	25	08JUN06	22MAR06	238		0.00	3,838.80					
1408-529	Fabr Cladding Type A for Coil a5	04MAY06	25	08JUN06	12APR06	381		0.00	3,838.80					

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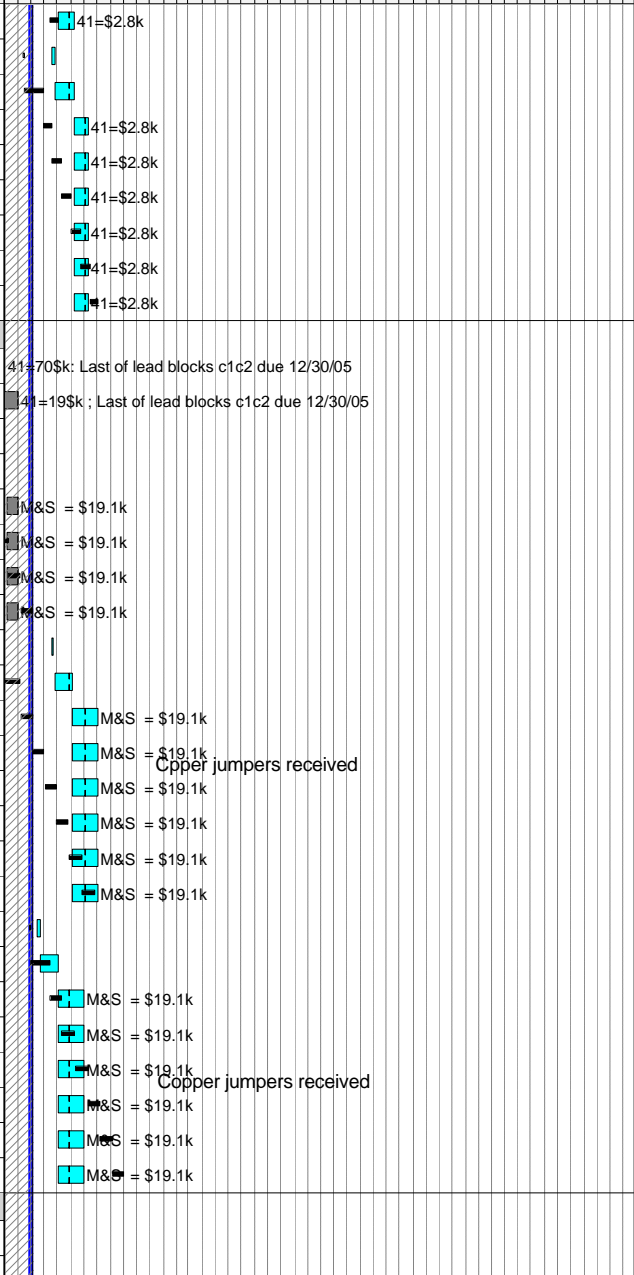
ECP-39 Status \_Forecast  
 xecp-39 baseline  
 Progress Bar  
 Critical Activity

0602

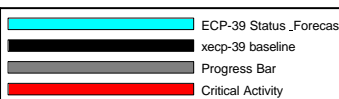
**NCSX**  
**Status through MARCH 1st**  
**ECP-39 Baseline**

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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Fiscal Year						
										FY06	FY07	FY08	FY09			
1408-531	Fabr Cladding Type A for Coil a6	04MAY06	25	08JUN06	03MAY06	396		0.00	3,838.80							
1408-533	Submet Requisition for Type B Cladding	19APR06	5	25APR06	15FEB06	183		0.00	0.00							
1408-535	Bid and Award Type B Cladding	26APR06	30	07JUN06	29MAR06	183		0.00	0.00							
1408-537	Fabr Cladding Type B for Coil b1	08JUN06	25	13JUL06	19APR06	183		0.00	3,838.80							
1408-539	Fabr Cladding Type B for Coil b2	08JUN06	25	13JUL06	10MAY06	230		0.00	3,838.80							
1408-541	Fabr Cladding Type B for Coil b3	08JUN06	25	13JUL06	01JUN06	262		0.00	3,838.80							
1408-543	Fabr Cladding Type B for Coil b4	08JUN06	25	13JUL06	22JUN06	278		0.00	3,838.80							
1408-545	Fabr Cladding Type B for Coil b5	08JUN06	25	13JUL06	14JUL06	310		0.00	3,838.80							
1408-547	Fabr Cladding Type B for Coil b6	08JUN06	25	13JUL06	04AUG06	326		0.00	3,838.80							
<b>Lead hardware &amp; Fillers</b>																
1408-705	Fabr Lead HW Type C for Coil c1	01JUL05A	131*	30DEC05A	10NOV05		100	93,326.22	93,326.22							
1408-707	Fabr Lead HW Type C for Coil c2	01JUL05A	131*	31JAN06A	15NOV05		100	24,911.70	24,911.70							
1408-701	Submet Requisition for Type C3-C6 Lead HW	01AUG05A	5	05AUG05A	05AUG05A		100	0.00	0.00							
1408-703	Bid and Award Type C3-C6 Lead HW	08AUG05A	30	02DEC05A	31AUG05A		100	0.00	0.00							
1408-709	Fabr Lead HW Type C for Coil c3	03JAN06A	20	31JAN06A	01DEC05		100	26,186.10	26,186.10							
1408-711	Fabr Lead HW Type C for Coil c4	03JAN06A	20	31JAN06A	06JAN06		100	26,186.10	26,186.10							
1408-713	Fabr Lead HW Type C for Coil c5	03JAN06A	20	31JAN06A	03FEB06		100	26,186.10	26,186.10							
1408-715	Fabr Lead HW Type C for Coil c6	03JAN06A	20	31JAN06A	03MAR06		100	26,186.10	26,186.10							
1408-717	Submet Requisition for Type A Lead HW	17APR06	5	21APR06	15DEC05	118		0.00	0.00							
1408-719	Bid and Award Type A Lead HW	24APR06	30	05JUN06	03FEB06	118		0.00	0.00							
1408-721	Fabr Lead HW Type A for Coil a1	06JUN06	40	01AUG06	03MAR06	118	15	3,927.92	26,186.10							
1408-723	Fabr Lead HW Type A for Coil a2	06JUN06	40	01AUG06	31MAR06	130	15	3,927.92	26,186.10							
1408-725	Fabr Lead HW Type A for Coil a3	06JUN06	40	01AUG06	28APR06	165	15	3,927.92	26,186.10							
1408-727	Fabr Lead HW Type A for Coil a4	06JUN06	40	01AUG06	26MAY06	212	15	3,927.92	26,186.10							
1408-729	Fabr Lead HW Type A for Coil a5	06JUN06	40	01AUG06	26JUN06	224	15	3,927.92	26,186.10							
1408-731	Fabr Lead HW Type A for Coil a6	06JUN06	40	01AUG06	25JUL06	366	15	3,927.92	26,186.10							
1408-733	Submet Requisition for Type B Lead HW	17MAR06	5	23MAR06	02MAR06	198		0.00	0.00							
1408-735	Bid and Award Type B Lead HW	24MAR06	30	04MAY06	13APR06	198		0.00	0.00							
1408-737	Fabr Lead HW Type B for Coil b1	05MAY06	40	30JUN06	11MAY06	198	15	3,927.92	26,186.10							
1408-739	Fabr Lead HW Type B for Coil b2	05MAY06	40	30JUN06	09JUN06	375	15	3,927.92	26,186.10							
1408-741	Fabr Lead HW Type B for Coil b3	05MAY06	40	30JUN06	10JUL06	281	15	3,927.92	26,186.10							
1408-743	Fabr Lead HW Type B for Coil b4	05MAY06	40	30JUN06	07AUG06	293	15	3,927.92	26,186.10							
1408-745	Fabr Lead HW Type B for Coil b5	05MAY06	40	30JUN06	04SEP06	329	15	3,927.92	26,186.10							
1408-747	Fabr Lead HW Type B for Coil b6	05MAY06	40	30JUN06	02OCT06	341	15	3,927.92	26,186.10							
<b>Chill Plates</b>																
1408-605	PPPL Fabr Chill Plts Type C for Coil c1	28NOV05A	20*	22DEC05A	21DEC05		100	3,838.80	3,838.80							
1408-601	Submet Requisition for Type C Chill Plts	28NOV05A	5	30NOV05A	10OCT05		100	0.00	0.00							



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0602  
**NCSX**  
 Status through MARCH 1st  
 ECP-39 Baseline

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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	FY			
										FY06	FY07	FY08	FY09
1408-603	Bid and Award Type C Chill Plts	01DEC05A	30	05DEC05A	21NOV05		100	0.00	0.00				
1408-607	Fabr Chill Plts Type C for Coil c2	03JAN06A	20	31JAN06A	26JAN06		100	3,838.80	3,838.80	41=\$2.8k			
1408-609	Fabr Chill Plts Type C for Coil c3	03JAN06A	20	31JAN06A	23FEB06		100	3,838.80	3,838.80	41=\$2.8k			
1408-611	Fabr Chill Plts Type C for Coil c4	03JAN06A	20	31JAN06A	23MAR06		100	3,838.80	3,838.80	41=\$2.8k			
1408-613	Fabr Chill Plts Type C for Coil c5	03JAN06A	20	31JAN06A	20APR06		100	3,838.80	3,838.80	41=\$2.8k			
1408-615	Fabr Chill Plts Type C for Coil c6	03JAN06A	20	31JAN06A	18MAY06		100	3,838.80	3,838.80	41=\$2.8k			
1408-617	Submet Requisition for Type A Chill Plts	16MAR06	5	22MAR06	20DEC05	195		0.00	0.00				
1408-619	Bid and Award Type A Chill Plts	23MAR06	30	03MAY06	08FEB06	195		0.00	0.00				
1408-621	Fabr Chill Plts Type A for Coil a1	04MAY06	20	01JUN06	08MAR06	195		0.00	3,838.80	41=\$2.8k			
1408-623	Fabr Chill Plts Type A for Coil a2	04MAY06	20	01JUN06	05APR06	207		0.00	3,838.80	41=\$2.8k			
1408-625	Fabr Chill Plts Type A for Coil a3	04MAY06	20	01JUN06	03MAY06	242		0.00	3,838.80	41=\$2.8k			
1408-627	Fabr Chill Plts Type A for Coil a4	04MAY06	20	01JUN06	01JUN06	290		0.00	3,838.80	41=\$2.8k			
1408-629	Fabr Chill Plts Type A for Coil a5	04MAY06	20	01JUN06	29JUN06	302		0.00	3,838.80	41=\$2.8k			
1408-631	Fabr Chill Plts Type A for Coil a6	04MAY06	20	01JUN06	28JUL06	443		0.00	3,838.80	41=\$2.8k			
1408-633	Submet Requisition for Type B Chill Plts	09MAY06	5	15MAY06	17APR06	216		0.00	0.00				
1408-635	Bid and Award Type B Chill Plts	16MAY06	30	27JUN06	30MAY06	216		0.00	0.00				
1408-637	Fabr Chill Plts Type B for Coil b1	28JUN06	20	26JUL06	27JUN06	216		0.00	3,838.80	41=\$2.8k			
1408-639	Fabr Chill Plts Type B for Coil b2	28JUN06	20	26JUL06	26JUL06	393		0.00	3,838.80	41=\$2.8k			
1408-641	Fabr Chill Plts Type B for Coil b3	28JUN06	20	26JUL06	23AUG06	300		0.00	3,838.80	41=\$2.8k			
1408-643	Fabr Chill Plts Type B for Coil b4	28JUN06	20	26JUL06	20SEP06	312		0.00	3,838.80	41=\$2.8k			
1408-645	Fabr Chill Plts Type B for Coil b5	28JUN06	20	26JUL06	18OCT06	347		0.00	3,838.80	41=\$2.8k			
1408-647	Fabr Chill Plts Type B for Coil b6	28JUN06	20	26JUL06	15NOV06	358		0.00	3,838.80	41=\$2.8k			
<b>+ Tubing</b>													
		28NOV05A	41	31JAN06A	29NOV05		100	2,742.00	2,742.00				
<b>Epoxy</b>													
1408-111	Epoxy - Requisition	01JAN05A	5	31JAN05A	31JAN05A		100	0.00	0.00				
1408-114	Epoxy -Evaluate Bids & Award	01MAY05A	10	31MAY05A	31MAY05A		100	0.00	0.00				
1408-117	Epoxy -1st Delivery for Production	31JAN06A	20	31JAN06A	28FEB06		100	20,565.00	20,565.00	M&S= \$ 15 k			
1408-119	Epoxy -2nd Delivery for Production	25APR06	20	22MAY06	04MAY06	266		0.00	20,565.00	M&S= \$ 15 k			
1408-121	Epoxy -3rd Delivery for Production	05DEC06	20	09JAN07	22NOV06	177		0.00	20,565.00	M&S= \$ 15 k			
1408-123	Epoxy -4th Delivery for Production	16FEB07	20	15MAR07	31JAN07	154		0.00	20,565.00	M&S= \$ 15 k			
1408-125	Epoxy -5th Delivery for Production	27MAR07	20	23APR07	28FEB07	164		0.00	20,565.00	M&S= \$ 15 k			
1408-127	Epoxy -6th Delivery for Production	24APR07	20	21MAY07	04MAY07	164		0.00	20,565.00	M&S= \$ 15 k			
<b>Clamps</b>													
1408-901	Submet Requisition for Type C Clamps	01DEC05A	5	07DEC05A	24OCT05			0.00	0.00				
1408-903	Bid and Award Type C Clamps (PE6417)	08DEC05A	33*	11JAN06A	21DEC05			0.00	0.00				
1408-905	Fabr Clamps Type C for Coil c1	28FEB06A	24*	31MAR06	09FEB06	893	26	5,285.21	20,565.00	41=\$15k			

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ECP-39 Status\_Forecast  
 xecp-39 baseline  
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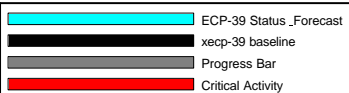
**NCSX**  
**Status through MARCH 1st**  
**ECP-39 Baseline**

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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Fiscal Year				
										FY06	FY07	FY08	FY09	
1408-907	Fabr Clamps Type C for Coil c2	28FEB06A	24*	31MAR06	23MAR06	429	26	5,285.21	20,565.00	41=\$15k				
1408-909	Fabr Clamps Type C for Coil c3	28FEB06A	24*	31MAR06	04MAY06	337	26	5,285.21	20,565.00	41=\$15k				
1408-911	Fabr Clamps Type C for Coil c4	28FEB06A	24*	31MAR06	16JUN06	341	26	5,285.21	20,565.00	41=\$15k				
1408-913	Fabr Clamps Type C for Coil c5	28FEB06A	24*	31MAR06	31JUL06	350	26	5,285.21	20,565.00	41=\$15k				
1408-915	Fabr Clamps Type C for Coil c6	28FEB06A	24*	31MAR06	30JUL07	546	26	5,285.21	20,565.00	41=\$15k				
1408-921	Fabr Clamps Type A for Coil a1	28FEB06A	24*	31MAR06	17FEB06	360	26	5,285.21	20,565.00	41=\$15k				
1408-923	Fabr Clamps Type A for Coil a2	28FEB06A	24*	31MAR06	31MAR06	369	26	5,285.21	20,565.00	41=\$15k				
1408-925	Fabr Clamps Type A for Coil a3	28FEB06A	24*	31MAR06	12MAY06	378	26	5,285.21	20,565.00	41=\$15k				
1408-927	Fabr Clamps Type A for Coil a4	28FEB06A	24*	31MAR06	26JUN06	396	26	5,285.21	20,565.00	41=\$15k				
1408-929	Fabr Clamps Type A for Coil a5	28FEB06A	24*	31MAR06	08AUG06	501	26	5,285.21	20,565.00	41=\$15k				
1408-931	Fabr Clamps Type A for Coil a6	28FEB06A	24*	31MAR06	19SEP06	510	26	5,285.21	20,565.00	41=\$15k				
1408-937	Fabr Clamps Type B for Coil b1	01MAR06A	28	07APR06	11MAY06	382	26	5,285.21	20,565.00	41=\$15k				
1408-939	Fabr Clamps Type B for Coil b2	28FEB06A	24*	31MAR06	23JUN06	405	26	5,285.21	20,565.00	41=\$15k				
1408-941	Fabr Clamps Type B for Coil b3	28FEB06A	24*	31MAR06	07AUG06	465	26	5,285.21	20,565.00	41=\$15k				
1408-943	Fabr Clamps Type B for Coil b4	28FEB06A	24*	31MAR06	18SEP06	474	26	5,285.21	20,565.00	41=\$15k				
1408-945	Fabr Clamps Type B for Coil b5	28FEB06A	24*	31MAR06	30OCT06	483	26	5,285.21	20,565.00	41=\$15k				
1408-947	Fabr Clamps Type B for Coil b6	28FEB06A	24*	31MAR06	13DEC06	492	26	5,285.21	20,565.00	41=\$15k				
<b>Other</b>														
1408-137	Safety & PPE equip & supplies	01MAY05A	689*	31JAN08	31JAN08	434	50	10,206.31	20,412.61	M&S= \$ 15 k				
1408-138	Misc. Supplies	01JUL05A	646*	31JAN08	31JAN08	434	70	11,475.70	16,393.86	M&S= \$ 12 k				
1408-173	Epoxy for Shell Mold (Hysol)	03JAN06A	523*	31JAN08	31JAN08	434	5	1,941.94	24,771.61	M&S= \$ 18 k				
1408-183	Tubing (Chem flor and Poly)	01SEP05A	67*	31OCT05A	06DEC05		100	46,373.37	46,373.37					
1408-184	Vulcanizing tape, felt and RTV	03JAN06A	45	02MAY06	06DEC05	871	80	14,379.56	30,162.00	M&S= \$ 22 k				
1408-185	Valves and Fittings	01AUG05A	66*	31OCT05A	31OCT05		100	19,644.55	19,644.55					
1408-186	Manifolds	01SEP05A	209	30SEP05A	30SEP05A		100	75,850.56	75,850.56					
<b>I&amp;C</b>														
174-035	Modular Coil local I&C -Procurement	01MAR06	40	25APR06	18JAN06	876		0.00	18,275.43	41=\$13.33k				
FY05CV-21	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			33,000.00	33,000.00					
<b>Job: 1411-MCWF Fabrication S005242-HEITZENROEDER</b>														
<b>Contract Oversight and Title III</b>														
172-031	Title III engr	24MAY04A	340*	30SEP05A	30SEP05A		LOE	76,273.90	76,273.90					
172-031.1	Title III engr	01OCT05A	350*	01MAR07	01MAR07	660	LOE	47,302.72	167,147.43	Heitzenroeder =640hr; Williamson = 107 hr ; travel=\$26k				
FY05CV-23	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			275,000.00	275,000.00					
MCWF-001	EIO Project Mgt. & Reporting	29OCT04A	497*	02OCT06	02OCT06	773	75	681,622.50	908,830.00	48=909 ;				
MCWF-011	Pattern A complete	29OCT04A	126*	01APR05A	01APR05A		100	290,125.00	290,125.00					

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0602

**NCSX**  
**Status through MARCH 1st**  
**ECP-39 Baseline**

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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Fiscal Year			
										FY06	FY07	FY08	FY09
MCWF-021	Pattern B complete	01DEC04A	220*	30SEP05A	30SEP05A		100	255,120.00	255,120.00				
MCWF-031	Major Tool Tooling Complete	29OCT04A	82*	28FEB05A	28FEB05A		100	628,622.00	628,622.00				
MCWF-041	Materials (MetalTek)	29NOV04A	282*	31AUG05A	31AUG05A		100	744,750.00	744,750.00				
MCWF-051	C1-MTK-casting upgrade	20DEC04A	63*	31MAR05A	31MAR05A		100	146,248.12	146,248.12				
MCWF-061	C1-MTM - machining/inspection	01APR05A	136*	30SEP05A	30SEP05A		100	154,910.00	154,910.00				
C-121.1	First MCWF C-1 Delivered		0	30SEP05A	30SEP05A			0.00	0.00				
MCWF-071	C1-Receive at PPPL		0	03OCT05A	04OCT05*			0.00	0.00				
MCWF-081	C2-MTK-casting	01APR05A	66*	27JUN05A	27JUN05A		100	142,920.00	142,920.00				
MCWF-091	C2-MTM - machining/inspection	28JUN05A	125*	16DEC05A	28NOV05		100	154,910.00	154,910.00				
MCWF-101	C2-Receive at PPPL		0	16DEC05A	29NOV05		100	0.00	0.00				
MCWF-141	C3-MTK-casting	12MAY05A	102*	19SEP05A	19SEP05A		100	142,920.00	142,920.00				
MCWF-151	C3-MTM - machining/inspection	20SEP05A	108*	27MAR06A	11JAN06		100	154,910.00	154,910.00				
MCWF-161	C3-Receive at PPPL		0	28FEB06	13JAN06		131	0.00	0.00				
MCWF-201	C4-MTK-casting	16MAY05A	122*	31OCT05A	04NOV05		100	142,920.00	142,920.00				
MCWF-211	C4-MTM - machining/inspection	31OCT05A	98*	27MAR06	27FEB06		130	123,928.00	154,910.00				
MCWF-221	C4-Receive at PPPL		0	27MAR06	01MAR06		130	0.00	0.00				
MCWF-261	C5-MTK-casting	30MAY05A	128*	30NOV05A	21NOV05		100	142,920.00	142,920.00				
MCWF-271	C5-MTM - machining/inspection	01DEC05A	94*	19APR06	09MAR06		138	77,455.00	154,910.00				
MCWF-281	C5-Receive at PPPL		0	01MAY06	13MAR06		130	0.00	0.00				
MCWF-111	A1-MTK-casting	22APR05A	116*	08SEP05A	08SEP05A		100	143,110.00	143,110.00				
MCWF-121	A1-MTM - machining/inspection	09SEP05A	101*	17MAY06	05MAY06		149	30,982.00	154,910.00				
MCWF-131	A1-Receive at PPPL		0	17MAY06	10MAY06		149	0.00	0.00				
MCWF-171	A2-MTK-casting	17AUG05A	91*	23DEC05A	11JAN06		100	142,920.00	142,920.00				
MCWF-181	A2-MTM - machining/inspection	14NOV05A	144*	14JUN06	06JUN06		146	27,883.80	154,910.00				
MCWF-191	A2-Receive at PPPL		0	14JUN06	08JUN06		146	0.00	0.00				
MCWF-351	A3-MTK-casting	26SEP05A	84*	31JAN06A	16FEB06		100	143,110.00	143,110.00				
MCWF-361	A3-MTM - machining/inspection	11APR06*	64*	11JUL06	16JUN06		159	0.00	154,910.00				
MCWF-371	A3-Receive at PPPL		0	11JUL06	21JUN06		159	0.00	0.00				
MCWF-231	B1-MTK-casting	16SEP05A	110*	28FEB06A	01MAR06		100	142,920.00	142,920.00				
MCWF-241	B1-MTM - machining/inspection	08MAY06*	65*	08AUG06	17JUL06		155	0.00	154,910.00				
MCWF-251	B1-Receive at PPPL		0	08AUG06	19JUL06		155	0.00	0.00				
MCWF-381	A4-MTK-casting	15DEC05A	54*	08MAR06	06APR06		225	121,482.00	142,920.00				
MCWF-391	A4-MTM - machining/inspection	05JUN06*	65*	05SEP06	15AUG06		164	0.00	154,910.00				
MCWF-401	A4-Receive at PPPL		0	08SEP06	18AUG06		164	0.00	0.00				
MCWF-321	B2-MTK-casting	31JAN06A	55*	17APR06	21JUN06		216	78,606.00	142,920.00				
MCWF-331	B2-MTM - machining/inspection	03JUL06*	65	03OCT06	31OCT06		163	0.00	154,910.00				
MCWF-341	B2-Receive at PPPL		0	03OCT06	02NOV06		163	0.00	0.00				

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		Progress Bar		ECP-39 Baseline	
		Critical Activity			

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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Gantt Chart			
										FY06	FY07	FY08	FY09
MCWF-471	B3-MTK-casting	13FEB06A	56*	01MAY06	07JUL06	237	30	42,876.00	142,920.00	[Gantt bar for MCWF-471]			
MCWF-481	B3-MTM - machining/inspection	01AUG06*	65	31OCT06	22NOV06	174		0.00	154,910.00	[Gantt bar for MCWF-481]			
MCWF-491	B3-Receive at PPPL		0	31OCT06	28NOV06	174		0.00	0.00	[Gantt bar for MCWF-491]			
MCWF-501	B4-MTK-casting	24MAR06*	41*	19MAY06	15AUG06	239		0.00	142,920.00	[Gantt bar for MCWF-501]			
MCWF-511	B4-MTM - machining/inspection	25AUG06*	65	28NOV06	02JAN07	172		0.00	154,910.00	[Gantt bar for MCWF-511]			
MCWF-521	B4-Receive at PPPL		0	28NOV06	04JAN07	172		0.00	0.00	[Gantt bar for MCWF-521]			
MCWF-531	B5-MTK-casting	12APR06*	42*	09JUN06	15SEP06	256		0.00	142,920.00	[Gantt bar for MCWF-531]			
MCWF-541	B5-MTM - machining/inspection	02OCT06*	65	29DEC06	12JAN07	185		0.00	154,910.00	[Gantt bar for MCWF-541]			
MCWF-551	B5-Receive at PPPL		0	29DEC06	17JAN07	185		0.00	0.00	[Gantt bar for MCWF-551]			
MCWF-561	B6-MTK-casting	28APR06*	44*	29JUN06	29SEP06	255		0.00	142,920.00	[Gantt bar for MCWF-561]			
MCWF-571	B6-MTM - machining/inspection	13OCT06*	65	23JAN07	16FEB07	182		0.00	154,910.00	[Gantt bar for MCWF-571]			
MCWF-581	B6-Receive at PPPL		0	26JAN07	21FEB07	182		0.00	0.00	[Gantt bar for MCWF-581]			
MCWF-411	A5-MTK-casting	30JAN06A	35*	17MAR06	04MAY06	362	70	100,044.00	142,920.00	[Gantt bar for MCWF-411]			
MCWF-421	A5-MTM - machining/inspection	10NOV06*	65	20FEB07	14SEP06	196		0.00	154,910.00	[Gantt bar for MCWF-421]			
MCWF-431	A5-Receive at PPPL		0	20FEB07	19SEP06	196		0.00	0.00	[Gantt bar for MCWF-431]			
MCWF-441	A6-MTK-casting	31JAN06A	44*	31MAR06	05JUN06	368	65	92,898.00	142,920.00	[Gantt bar for MCWF-441]			
MCWF-451	A6-MTM - machining/inspection	12DEC06*	65	20MAR07	26SEP06	192		0.00	155,000.00	[Gantt bar for MCWF-451]			
MCWF-461	A6-Receive at PPPL		0	20MAR07	28SEP06	192		0.00	0.00	[Gantt bar for MCWF-461]			
MCWF-291	C6-MTK-casting	16JUN05A	155*	03FEB06A	07DEC05		100	142,920.00	142,920.00	[Gantt bar for MCWF-291]			
MCWF-301	C6-MTM - machining/inspection	15JAN07*	67*	17APR07	23MAR06	125		0.00	154,910.00	[Gantt bar for MCWF-301]			
MCWF-311	C6-Receive at PPPL		0	17APR07	27MAR06	125		0.00	0.00	[Gantt bar for MCWF-311]			
C-501B1	Last MCWF Delivered		0	17APR07	21FEB07	125		0.00	0.00	[Gantt bar for C-501B1]			

\*\*\*\*\*  
 LAST MODULAR COIL WINDING FORM DELIVERED  
 LEVEL 2 DOE MILESTONE  
 PEP DATE = JUNE 2007  
 \*\*\*\*\*

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

**Station 1 Prep casing & Install Cladding**

C1RW	C1 rework	03OCT05A	5	07OCT05A	07OCT05		100	46,663.50	46,663.50
1451TRAIN	Training for winding teams	25JUL05A	3	29JUL05A	29JUL05A		100	0.00	0.00
P1-001	Rec C1, Prep& Instl Cladding>>@125% 1 shift	10OCT05A	23	24OCT05A	09NOV05		100	54,727.68	54,727.68
P1-091	Receive C2, Prep& Instl Cladding	19DEC05A	26*	26JAN06A	14DEC05		100	44,303.36	44,303.36
P2-091	Receive C3, Prep& Instl Cladding	01MAR06	15*	21MAR06	30JAN06		131	0.00	44,303.36
P3-091	Receive C4, Prep& Instl Cladding	28MAR06	16	18APR06	16MAR06		139	0.00	24,350.56
P1-121	Receive C5, Prep& Instl Cladding	02MAY06	16	23MAY06	31MAR06		130	0.00	24,350.56
P2-001	Receive A1, Prep& Instl Cladding	30MAY06	16	20JUN06	25MAY06		142	0.00	24,350.56
P3-001	Receive A2, Prep& Instl Cladding	21JUN06	16	13JUL06	23JUN06		142	0.00	24,350.56
P3-031	Receive A3, Prep& Instl Cladding	14JUL06	16	04AUG06	11JUL06		157	0.00	24,350.56
P1-031	Receive B1, Prep& Instl Cladding	09AUG06	16	30AUG06	03AUG06		155	0.00	24,350.56

EM//TB = 544 hrs  
 EM//TB = 544 hrs  
 EM//TB = 299hrs  
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 EM//TB = 299 hrs

Run Date 14MAR06 13:40

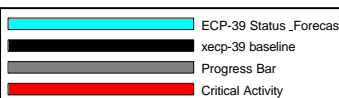
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**NCSX**  
**Status through MARCH 1st**  
**ECP-39 Baseline**

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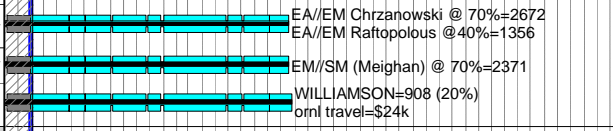
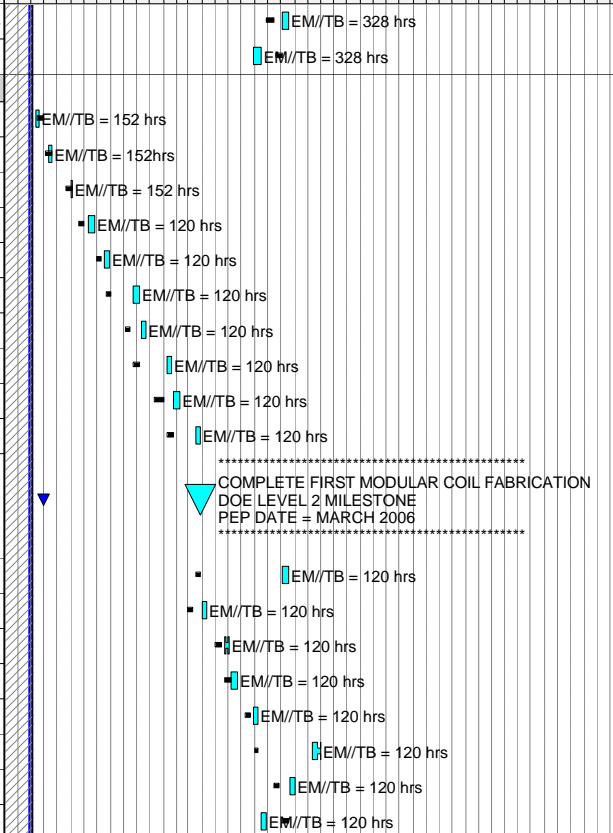
Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	FY					
										FY06	FY07	FY08	FY09		
P3-121	Receive A4, Prep& Instl Cladding	11SEP06	16	02OCT06	05SEP06	164		0.00	24,350.56		EM/TB = 299 hrs				
P2-121	Receive B2, Prep& Instl Cladding	04OCT06	16	25OCT06	17NOV06	163		0.00	24,882.78		EM/TB = 299 hrs				
P2-061	Receive B3, Prep& Instl Cladding	01NOV06	16	22NOV06	13DEC06	174		0.00	24,882.78		EM/TB = 299 hrs				
P2-151	Receive B4, Prep& Instl Cladding	29NOV06	16	20DEC06	19JAN07	172		0.00	24,882.78		EM/TB = 299 hrs				
P3-061	Receive B5, Prep& Instl Cladding	02JAN07	16	23JAN07	05FEB07	185		0.00	24,882.78		EM/TB = 299 hrs				
P3-151	Receive B6, Prep& Instl Cladding	18APR07	16	09MAY07	08MAR07	125		0.00	24,882.78		EM/TB = 299 hrs				
P1-061	Receive A5, Prep& Instl Cladding	10MAY07	16	01JUN07	04OCT06	140		0.00	24,882.78		EM/TB = 299 hrs				
P1-151	Receive A6, Prep& Instl Cladding	04JUN07	16	25JUN07	19OCT06	140		0.00	24,882.78		EM/TB = 299 hrs				
P2-031	Receive C6, Prep& Instl Cladding	18APR07	16	09MAY07	17APR06	207		0.00	24,882.78		EM/TB = 299 hrs				
P1-000	ECP36 holes for cooling lines included in	01MAR06*	1	01MAR06	03NOV05	910		0.00	0.00						
<b>Station 2-Winding, Instl Chill Plates,Tubing,Bag</b>															
P1-011	Wind coil C1>>@150%	25OCT05A	63*	27JAN06A	02FEB06		100	118,006.56	118,006.56		EM/TB = 1449hrs				
P1-011J	Complete Winding First Modular Coil		0	19DEC05A	02FEB06		100	0.00	0.00		MODULE MILESTONE FY05 Q4				
P1-020	Instl Chill Plates,Tubing, Bag C1>>@150%	31JAN06A	24*	03MAR06	28FEB06	143	93	38,475.51	41,371.52		EM/TB = 508 hrs				
P2-101	Wind coil C-3	22MAR06	30*	02MAY06	18APR06	131		0.00	116,377.76		EM/TB = 1429 hrs				
P2-110	Instl Chill Plates,Tubing,Bag C3	03MAY06	14*	22MAY06	04MAY06	131		0.00	41,371.52		EM/TB = 508 hrs				
P1-131	Wind coil C5	24MAY06	35	13JUL06	23JUN06	130		0.00	99,031.04		EM/TB = 1,216 hrs				
P1-140	Instl Chl Plates,Tubing, Bag C5	14JUL06	12	31JUL06	12JUL06	130		0.00	34,856.32		EM/TB = 428 hrs				
P3-011	Wind coil A2	02AUG06	35	20SEP06	30AUG06	129		0.00	99,031.04		EM/TB = 1,216 hrs				
P3-020	Instl Chill Plates,Tubing, Bag A2	21SEP06	12	06OCT06	18SEP06	129		0.00	35,173.75		EM/TB = 428 hrs				
P1-041	Wind coil B1	09OCT06	35	28NOV06	06NOV06	129		0.00	101,195.52		EM/TB = 1,216 hrs				
P2-041	JOULE FY07 Cmplt winding one-half modular coils		0	28NOV06	06NOV06	129		0.00	0.00		COMPLETE WINDING ONE-HALF OF MOD COILS				
P1-050	Instl Chl Plates,Tubing, Bag B1	29NOV06	12	14DEC06	22NOV06	129		0.00	35,618.16		EM/TB = 428 hrs				
P1-071	Wind coil B2	15DEC06	35	09FEB07	22JAN07	129		0.00	101,195.52		EM/TB = 1216 hrs				
P1-080	Instl Chl Plates,Tubing,Bag B2	12FEB07	12	27FEB07	07FEB07	129		0.00	35,618.16		EM/TB = 428hrs				
P2-161	Wind coil B4	28FEB07	35	17APR07	18APR07	129		0.00	101,195.52		EM/TB = 1216 hrs				
P2-170	Instl Chill Plates,Tubing,Bag B4	18APR07	12	03MAY07	04MAY07	129		0.00	35,618.16		EM/TB = 428 hrs				
P3-161	Wind coil B6	10MAY07	35	28JUN07	30AUG07	125		0.00	101,195.52		EM/TB = 1216 hrs				
P3-170	Instl Chill Plates,Tubing,Bag B6	29JUN07	12	17JUL07	18SEP07	125		0.00	35,618.16		EM/TB = 428 hrs				
P1-161	Wind coil A6	18JUL07	35	05SEP07	09AUG07	125		0.00	101,195.52		EM/TB = 1216 hrs				
P1-170	Instl Chill Plates,Tubing,Bag A6	06SEP07	12	21SEP07	27AUG07	125		0.00	35,618.16		EM/TB = 428 hrs				
174-037	Modular Coil local I&C -Install (from wbs 143)	31JAN06A	366*	11JUL07	20JUN07	117	LOE	3,976.23	69,758.56		em//sm=172; em//tb=576				
SSD-ST2	Second shift cost differential	25OCT05A	461*	27AUG07	27AUG07	538	LOE	5,760.00	32,000.00						

Run Date 14MAR06 13:40

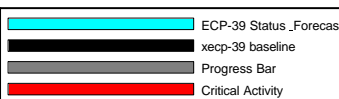

 ECP-39 Status ,Forecast  
 xecp-39 baseline  
 Progress Bar  
 Critical Activity

Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	FY				
										FY06	FY07	FY08	FY09	
<b>Station 3-Winding, Instl Chill Plates,Tubing,Bag</b>														
P1-101	Wind coil C-2>>@125%	27JAN06A	34*	15MAR06	24FEB06	153	64	74,481.77	116,377.76					
P1-110	Instl Chill Plates,Tubing,Bag C2>>>@125%	16MAR06	14*	04APR06	17MAR06	153		0.00	41,371.52					
P3-101	Wind coil C4	19APR06	35	07JUN06	05MAY06	143		0.00	99,031.04					
P3-110	Instl Chill Plates,Tubing, Bag C4	08JUN06	12	23JUN06	23MAY06	143		0.00	34,856.32					
P2-011	Wind coil A1	02AUG06	35	20SEP06	17JUL06	117		0.00	99,031.04					
P2-020	Instl Chill Plates,Tubing, Bag A1	21SEP06	12	06OCT06	02AUG06	117		0.00	35,173.75					
P3-041	Wind coil A3	09OCT06	35	28NOV06	21SEP06	117		0.00	101,195.52					
P3-050	Instl Chl Plates,Tubing, Bag A3	29NOV06	12	14DEC06	09OCT06	117		0.00	35,618.16					
P3-131	Wind coil A4	15DEC06	35	09FEB07	29NOV06	117		0.00	101,195.52					
P3-140	Instl Chl Plates,Tubing, Bag A4	12FEB07	12	27FEB07	15DEC06	117		0.00	35,618.16					
P2-071	Wind coil B3	28FEB07	35	17APR07	28MAR07	117		0.00	101,195.52					
P2-080	Instl Chill Plates,Tubing,Bag B3	18APR07	12	03MAY07	13APR07	117		0.00	35,618.16					
P3-071	Wind coil B5	04MAY07	35	22JUN07	04JUN07	117		0.00	101,195.52					
P3-080	Instl Chill Plates,Tubing,Bag B5	25JUN07	12	11JUL07	20JUN07	117		0.00	35,618.16					
P2-131	Wind coil A5	12JUL07	35	29AUG07	12FEB07	117		0.00	101,195.52					
P2-140	Instl Chl Plates,Tubing, Bag A5	30AUG07	12	17SEP07	28FEB07	117		0.00	35,618.16					
P2-041	Wind coil C6	18SEP07	35	05NOV07	25JUN07	117		0.00	103,218.94					
P2-050	Instl Chl Plates,Tubing, Bag C6	06NOV07	12	21NOV07	12JUL07	117		0.00	36,576.88					
SSD-ST3	Second shift cost differential	27JAN06A	417*	18SEP07	18SEP07	522	LOE	1,760.00	32,000.00					
<b>Station 5-VPI</b>														
P1-021V	VPI (Station 5) C1	06MAR06	6*	13MAR06	16MAR06	310		0.00	26,712.32					
P1-111V	VPI (Station 5) C2	05APR06	5*	11APR06	04APR06	294		0.00	26,712.32					
P2-111V	VPI (Station 5) C3	23MAY06	5*	30MAY06	22MAY06	265		0.00	26,712.32					
P3-111V	VPI (Station 5) C4	26JUN06	12	12JUL06	09JUN06	247		0.00	26,712.32					
P1-141V	VPI (Station 5) C5	01AUG06	12	16AUG06	28JUL06	234		0.00	26,712.32					
P2-021V	VPI (Station 5) A1	09OCT06	12	24OCT06	18AUG06	198		0.00	27,296.16					
P3-021V	VPI (Station 5) A2	25OCT06	12	09NOV06	04OCT06	198		0.00	27,296.16					
P3-051V	VPI (Station 5) A3	15DEC06	12	09JAN07	25OCT06	175		0.00	27,296.16					
P1-051V	VPI (Station 5) B1	10JAN07	12	25JAN07	12DEC06	175		0.00	27,296.16					
P3-141V	VPI (Station 5) A4	28FEB07	12	15MAR07	10JAN07	152		0.00	27,296.16					
P1-081V	VPI (Station 5) A5	18SEP07	12	03OCT07	16MAR07	117		0.00	27,479.84					
P2-141V	VPI (Station 5) B2	16MAR07	12	02APR07	23FEB07	152		0.00	27,296.16					
P2-081V	VPI (Station 5) B3	04MAY07	12	21MAY07	01MAY07	163		0.00	23,218.38					
P3-081V	VPI (Station 5) B4	22MAY07	12	07JUN07	22MAY07	163		0.00	23,218.38					
P2-171V	VPI (Station 5) B5	12JUL07	12	27JUL07	09JUL07	140		0.00	23,218.38					
P2-051V	VPI (Station 5) C6	22NOV07	12	11DEC07	30JUL07	117		0.00	23,843.34					

Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Fiscal Year			
										FY06	FY07	FY08	FY09
P1-171V	VPI (Station 5) A6	04OCT07	12	19OCT07	13SEP07	117		0.00	23,843.34				
P3-171V	VPI (Station 5) B6	30JUL07	12	14AUG07	04OCT07	140		0.00	23,218.38				
<b>Station 1B Final Clamp Installation</b>													
P1-021C	Final Clamps & Warm Test (Station1) C1	14MAR06	5*	20MAR06	29MAR06	411		0.00	12,378.88				
P1-111C	Final Clamps & Warm Test (Station1) C2	12APR06	5*	18APR06	17APR06	419		0.00	12,378.88				
P2-111C	Final Clamps & Warm Test (Station1) C3	31MAY06	4*	05JUN06	05JUN06	294		0.00	12,378.88				
P3-111C	Final Clamps & Warm Test (Station1) C4	13JUL06	9	25JUL06	29JUN06	268		0.00	9,772.80				
P1-141C	Final Clamps & Warm Test (Station1) C5	17AUG06	9	29AUG06	11AUG06	252		0.00	9,772.80				
P2-021C	Final Clamps & Warm Test (Station1) A1	25OCT06	9	06NOV06	31AUG06	213		0.00	9,986.40				
P3-021C	Final Clamps & Warm Test (Station1) A2	10NOV06	9	22NOV06	17OCT06	210		0.00	9,986.40				
P3-051C	Final Clamps & Warm Test (Station1) A3	10JAN07	9	22JAN07	07NOV06	184		0.00	9,986.40				
P1-051C	Final Clamps & Warm Test (Station1) B1	26JAN07	9	07FEB07	02JAN07	181		0.00	9,986.40				
P3-141C	Final Clamps & Warm Test (Station1) A4	16MAR07	9	28MAR07	23JAN07	155		0.00	9,986.40				
P1-021.1	Complete First Mod Coil Fabrication C1		0	28MAR07	29MAR06	155		0.00	0.00				
P1-081C	Final Clamps & Warm Test (Station1) A5	04OCT07	9	16OCT07	29MAR07	120		0.00	10,255.20				
P2-141C	Final Clamps & Warm Test (Station1) B2	03APR07	9	13APR07	08MAR07	152		0.00	9,986.40				
P2-081C	Final Clamps & Warm Test (Station1) B3	22MAY07	9	04JUN07	14MAY07	178		0.00	9,986.40				
P3-081C	Final Clamps & Warm Test (Station1) B4	08JUN07	9	20JUN07	05JUN07	175		0.00	9,986.40				
P3-171C	Final Clamps & Warm Test (Station1) B5	30JUL07	9	09AUG07	20JUL07	149		0.00	9,986.40				
P2-051C	Final Clamps & Warm Test (Station1) C6	12DEC07	9	01JAN08	10AUG07	117		0.00	10,255.20				
P1-171C	Final Clamps & Warm Test (Station1) A6	22OCT07	9	01NOV07	26SEP07	117		0.00	10,255.20				
P2-171C	Final Clamps & Warm Test (Station1) B6	15AUG07	9	27AUG07	17OCT07	146		0.00	9,986.40				
<b>LOE Oversight &amp; Supervision</b>													
171-000	Winding Preparations (LOE) FY05	01AUG05A	49*	30SEP05A	30SEP05A			53,382.29	53,382.29				
171-040	Winding Oversight (LOE)	10OCT05A	506*	17OCT07	17OCT07	499	LOE	122,147.55	656,707.24				
171-041	Tech Supervision	10OCT05A	506*	17OCT07	17OCT07	499	LOE	57,228.29	307,678.97				
TITLE3W	Titel III Design ORNL- Component Fab &	10OCT05A	512*	25OCT07	25OCT07	493	LOE	36,083.28	196,104.78				
FY05CV-25	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			81,000.00	81,000.00				
<b>Job: 1414 Coil Testing-Gettelfinger</b>													
<b>Twisted Racetrack Hardware Fabrication</b>													
1409-141	Modify Cryostat for TRC	01APR05A	107*	31AUG05A	31AUG05A		100	11,923.20	11,923.20				
1406-020	Begin Testing of Twisted RT in Coil test Stand	31AUG05A	0				100	0.00	0.00				
1406-021	Test Coil	10AUG05A	37*	30SEP05A	30SEP05A		100	30,844.24	30,844.24				
1406-023	Hi-pot & Dissect Coil	03OCT05A	0*	31OCT05A	31OCT05		100	26,060.80	26,060.80				



Run Date 14MAR06 13:40

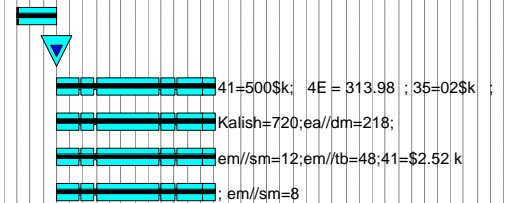
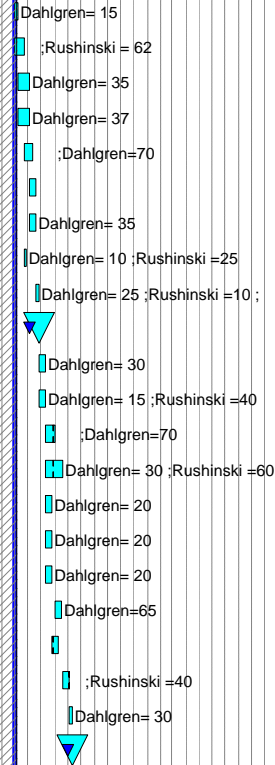


0602  
**NCSX**  
 Status through MARCH 1st  
 ECP-39 Baseline

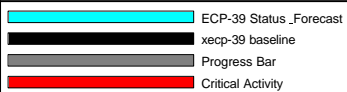
Sheet 22 of 52

Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Fiscal Year				
										FY06	FY07	FY08	FY09	
<b>Production Modular Coils</b>														
1409-130	Production Cryostat Design	26SEP05A	26*	31OCT05A	31OCT05		100	6,839.71	6,839.71					
1409-135	Production Cryostat Fabr & Install	31JAN06A	45*	03APR06	01FEB06	880	60	21,174.96	35,291.60	41=\$10k; em/tb=265				
1409-136	Valve/pump repairs&safety mods to cryo pp	01DEC05A	38*	31JAN06A	31JAN06		100	23,871.20	23,871.20	41=3;em//tb=200;em/em=20				
1409-199	Closed Loop Facility Available for Production		0	03APR06*	01FEB06	880	50	0.00	0.00					
162-100	Kickless cable testing	01FEB06A	11*	08MAR06A			100	0.00	0.00	Unfunded EAC estimate em//tb=360; em/em=160; m&s=\$4k Total EAC= \$63k				
P1-021	Test Coil (Coil Test Stand) C1	04APR06	7	12APR06	07APR06	880		0.00	30,321.24	EM/TB=176,EE/TB=72,EE/SM=20,EE/EM=16,EM/EM=28,				
P2-021	Test Coil (Coil Test Stand) A1	07NOV06	7	15NOV06	12SEP06	728		0.00	23,237.70	EM/TB=176,EE/TB=72,EE/SM=20,EE/EM=16,EM/EM=28,				
P1-051	Test Coil (Coil Test Stand) B1	08FEB07	7	16FEB07	11JAN07	669		0.00	18,967.19	EM/TB=176,EE/TB=72,EE/SM=20,EE/EM=16,EM/EM=28,				
FY05CV-19	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			88,000.00	88,000.00					
<b>Job: 1421-Mod Coil Interface Hardware-WILLIAMSON</b>														
<b>Coil-to-coil Interface Design</b>														
1403-11.1	Compl assembly / interface drawings for ICDs	01NOV04A	416*	30JUN06	31OCT05	829	90	29,002.60	32,225.10	Hargrove,Lovett=80 williamson=40				
1403-16	Assembly bolts, nuts,washers	01OCT04A	401*	30JUN06	30JUN06	220	60	8,454.58	14,090.97	ornl=80+8 hrs				
1403-17	Assembly shims	01OCT04A	401*	30JUN06	30JUN06	220	60	12,297.58	20,495.96	ornl=80+48=128				
1403-18	Eccentric ball assembly	08NOV04A	375*	30JUN06	30JUN06	829	60	16,176.38	26,960.64	ornl=80+88=168				
1403-19	Top assembly dwgs for mod coil shell	01OCT04A	401*	30JUN06	30JUN06	829	60	18,446.36	30,743.94	ornl=120+72=192				
1403-19A	Bladder Details	01JUL05A	215*	30JUN06	30JUN06	220	20	4,475.98	22,379.91	ornl=80+56=136				
1403-20	3 coil assembly specification	01AUG06*	40	25SEP06	25SEP06	270		0.00	26,992.00	ornl=160				
1421-100	Submet Requisition for - Assy	24JUL06*	10	04AUG06	04AUG06	206		0.00	2,699.20	williamson=16 hrs				
1421-105	Procurement lead time for-Assy	07AUG06	40	29SEP06	29SEP06	206		0.00	0.00					
1421-110	Deliver - Assy bolts,nuts,washers	02OCT06	60	03JAN07	03JAN07	206		0.00	449,000.00	m&s=\$449k				
1421-200	Submet Requisition for - Assembly shims	24JUL06*	10	04AUG06	04AUG06	206		0.00	2,699.20	williamson=16 hrs				
1421-205	Procurement lead time for - Assembly shims	07AUG06	40	29SEP06	29SEP06	206		0.00	0.00					
1421-210	Deliver - Assembly shims	02OCT06	60	03JAN07	03JAN07	206		0.00	138,000.00	m&s=\$138k				
1421-400	Submet Requisition for - Bladders	24JUL06*	10	04AUG06	04AUG06	206		0.00	2,699.20	williamson=16 hrs				
1421-405	Procurement lead time for - Bladders	07AUG06	40	29SEP06	29SEP06	206		0.00	0.00					
1421-410	Deliver - Bladders	02OCT06	60	03JAN07	03JAN07	206		0.00	60,000.00	m&s=\$60k				
<b>15 - Structures</b>														
<b>Job: 1501 - Structures Design- DAHLGREN</b>														
<b>PDR/PBR Task List</b>														
1501-105	Project PDR	07OCT03A	1	07OCT03A	07OCT03A		100	0.00	0.00					
1501-109	Prepare FY 04 WP/WAF	31OCT03A	20	31OCT03A	31OCT03A		100	12,360.00	12,360.00					
1501-113	Prepare PBR documentation	04NOV03A	10	18NOV03A	18NOV03A		100	6,180.00	6,180.00					
1501-117	Performance baseline review		0	18NOV03A	18NOV03A		100	0.00	0.00					

Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Fiscal Year			
										FY06	FY07	FY08	FY09
<b>Reqmnts, Configuration, Interfaces and PDR</b>													
1501-125	Update drawings & models based on vendor	21OCT03A	30	26NOV03A	26NOV03A		100	10,660.50	10,660.50				
1501-133	Prepare a "scope sheet" which defines all	03NOV03A	124	30SEP04A	30SEP04A		LOE	5,407.50	5,407.50				
1501-001	Prelim Design Structures	01JUL05A	110*	30SEP05A			100	45,443.75	45,443.75				
1501-201	Write ICD's	01MAR06*	5	07MAR06			821	0.00	2,610.90				
1501-205	Update Design/models	01MAR06*	15	21MAR06			826	0.00	10,791.72				
1501-209	Prepare SRD	08MAR06	20	04APR06			821	0.00	6,092.10				
1501-213	Approve ICD's	08MAR06	20	04APR06			831	0.00	6,440.22				
1501-217	Update stress analysis	22MAR06	15	11APR06			826	0.00	12,184.20				
1501-221	approve SRD	05APR06	10	18APR06			821	0.00	0.00				
1501-225	Write prelim purchase spec	05APR06	10	18APR06			821	0.00	6,092.10				
1501-229	Create Prelim Assemblies	22MAR06	5	28MAR06			836	0.00	6,092.10				
1501-233	PDR Preparation	19APR06	5	25APR06			821	0.00	6,092.10				
1501-PDR	PDR		0	25APR06	03APR06		821	0.00	0.00				
1501-241	Write final purchase spec	26APR06	10	09MAY06			841	0.00	5,221.80				
1501-246	Update Models	26APR06	10	09MAY06			821	0.00	9,573.30				
1501-249	Update Analysis	10MAY06	15	31MAY06			836	0.00	12,184.20				
1501-253	Prep Final Drawings	10MAY06	30	21JUN06			821	0.00	15,665.40				
1501-257	Detailed Hardware Analysis	10MAY06	10	23MAY06			841	0.00	3,481.20				
1501-261	Write Statement of work	10MAY06	10	23MAY06			841	0.00	3,481.20				
1501-265	Approve Purchase Spec	10MAY06	10	23MAY06			851	0.00	3,481.20				
1501-269	Check Analysis	01JUN06	10	14JUN06			836	0.00	11,313.90				
1501-273	Approve SOW	24MAY06	10	07JUN06			841	0.00	0.00				
1501-277	Prep Assy Dwgs	22JUN06	10	06JUL06			821	0.00	6,962.40				
1501-281	Prep for FDR	07JUL06	5	13JUL06			821	0.00	5,221.80				
1501-FDR	FDR		0	13JUL06	30JUN06		821	0.00	0.00				
<b>Job:1550 - Structures Procurement -DAHLGREN</b>													
1501-245	Prep Spec,Solicit Bids, and Evaluate Bids	03JUL06	65	02OCT06	02OCT06		247	0.00	0.00				
162-036.9	Award Coil Support Structure		0	02OCT06*	02OCT06*		245	0.00	0.00				
162-037	WBS 151Coil Support Struc Procurement	03OCT06	249	01OCT07	01OCT07		245	0.00	1,013,788.47				
162-031	Title III engr WBS 151	03OCT06	249	01OCT07	01OCT07		511	0.00	153,878.32				
153.037	WBS 153 Support Structure I&C	03OCT06*	249	01OCT07	01OCT07		511	0.00	9,022.42				
153.015	Title III design WBS 153 local&C	03OCT06*	249	01OCT07	01OCT07		511	0.00	1,048.11				



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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	FY			
										FY06	FY07	FY08	FY09
<b>16 - Coil Services</b>													
<b>Job: 1601 - Coil Services Design-WILLIAMSON</b>													
<b>161 - LN2 Distribution</b>													
191-001	Title I design WBS 161 LN2 manifolds&piping	03JUL06*	65	03OCT06	10JAN07	369		0.00	56,302.56				
191-011	Title II design WBS 161 LN2 manifolds&piping	04OCT06	60	05JAN07	04APR07	369		0.00	114,923.30				
191-031	Title III engr WBS 161	08JAN07	280	18FEB08	15MAY08	419		0.00	16,421.82				
191-037	Procurement WBS 161	08JAN07	130	10JUL07	08OCT07	369		0.00	72,594.45				
191-038	PDR#17	11JUL07*	86	08NOV07	15FEB08	483		0.00	61,326.15				
191-041	LN2 Manifolds & ppg Fab/assy/instr WBS 161	11JUL07*	62	05OCT07	14JAN08	369		0.00	33,006.93				
191-042	PDR #17,25,3	11JUL07*	65	10OCT07	17JAN08	504		0.00	10,537.57				
<b>162 - Electrical Leads</b>													
132-000	PDR #17 & 25	02OCT06	325	24JAN08	24JAN08	436		0.00	41,396.19				
132-001	Title I design WBS 162 Coil leads	02OCT06*	130	11APR07	11APR07	303		0.00	153,159.10				
132-011	Title II design WBS 162 Coil leads	12APR07	130	15OCT07	15OCT07	303		0.00	153,686.42				
132-015	Title III design WBS 162 Coil leads	16OCT07*	60	17JAN08	17JAN08	441		0.00	18,618.16				
132-037	Coil Leads Procurement WBS 162	16OCT07*	60	17JAN08	17JAN08	303		0.00	314,186.10				
<b>163 - Coil Protection System</b>													
163.001	Title I design WBS 163 Coil protection	02OCT06*	65	10JAN07	10JAN07	656		0.00	42,744.60				
163.011	Title II design WBS 163 Coil protection	11JAN07	40	07MAR07	07MAR07	656		0.00	42,744.60				
<b>17 - Cryostat and Base Support Structure</b>													
<b>Job: 1701-Cryostat&amp;Base Sprt Strct Dsn-GETTLFINGER</b>													
<b>Prior Costs</b>													
1701-001	Apr-Sept MIE Costs PPPL	01APR03A	54	30SEP03A	30SEP03A		100	12,180.00	12,180.00				
FY05CV-27	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			178,000.00	178,000.00				
<b>Base Support</b>													
161-001	Revise Preliminary Design for new supt	01APR04A	563*	30JUN06	23DEC05	336	90	46,258.45	51,398.28				
151-003	Base Support Struct PDR		0	30JUN06*	23DEC05*	336		0.00	0.00				
161-011	Final Design Base Support Structure WBS 172	03JUL06	45	05SEP06	05DEC06	336		0.00	64,639.22				
172-199	Base Support Structure FDR		0	05SEP06	05DEC06	336		0.00	0.00				
<b>Cryostat</b>													
151-000	Adv Concep Design Cryostat shell & struct	01DEC03A	103*	31MAR04A	31MAR04A		100	6,000.00	6,000.00				
151-001	Title I design WBS 171 cryostat	01APR04A	270*	29APR05A	29APR05A		100	125,850.61	125,850.61				
151-002	Cryostat PDR		0	29APR05A	29APR05A		100	0.00	0.00				
171-100	Investigate Alt Cryostat Architecture	01DEC05A	38*	31JAN06A			100	0.00	0.00				
171-101	Finalize cryostat penetrations for VV	03JAN06A	0*	31JAN06A			100	0.00	0.00				
171-102	Select gas-filled insulation-all svcs	03JAN06A	41*				95	0.00	0.00				
171-103	Finalize cryo midplane arch	03JAN06A	20*	31JAN06A			100	0.00	0.00				
171-104	Plan WBS 16 interface	22FEB06A	28*	31MAR06			252	5	0.00	0.00			

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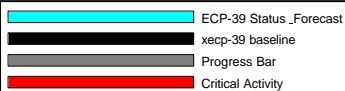
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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	FY				
										FY06	FY07	FY08	FY09	
151-011	Final Design Cryostat WBS 171	04AUG06*	231	09JUL07	22JUN07	165		0.00	242,331.96	Gettelfinger =976hr ;Messineo =593hr ;				
171-199	Cryostat FDR		0	09JUL07	22JUN07	165		0.00	0.00					
<b>Job: 1751 - Cryostat Procurement</b>														
<b>171 - Cryostat</b>														
151-031	Title III engr	10JUL07	405	11FEB09	28JAN09	165		0.00	33,337.10	Gettelfinger =34h				
151-036.8	Prep Spec, Solicit bids, and Select Vendor	10JUL07	65	09OCT07	25SEP07	165		0.00	0.00					
151-036.9	Award Cryostat Procurement		0	09OCT07*	01OCT07*	236		0.00	0.00					
151-037	Cryostat Procurement [A/1]	10OCT07	141	05MAY08	25APR08	236		0.00	507,236.35	41=358.47\$K ; 35=02\$K ;				
<b>Job: 1752 - Base Support Structure Procurement</b>														
<b>172 - Base Support Structure</b>														
161-031	Title III engr WBS 172	06FEB07	240	22JAN08	22JAN08	438		0.00	10,726.43	Gettelfinger =60hr ;				
161-036.8	Prep Spec, Solicit bids, and Select Vendor	06FEB07*	65	07MAY07	07MAY07	235		0.00	0.00					
161-036.9	Award Machine Base&supports Procurement		0	07MAY07	07MAY07	235		0.00	0.00					
161-037	Machine Base&supports Procurement [A/1]	08MAY07	90	13SEP07	13SEP07	235		0.00	300,678.83	41=238\$K ; 35=02\$K ;				
<b>18 - Field Period Assembly</b>														
<b>+ Job: 1801-Field Period Assly -CHRZANOWSKI (ORNL)</b>														
		01APR03A	128	30SEP03A	30SEP03A		100	60,800.00	60,800.00					
<b>Job: 1802 - FP Assy Oversight&amp;Support-VIOLA</b>														
<b>Oversight and Supervision</b>														
181.200	HP Coverage in the TFTR TC LOE FY04	02FEB04A	171*	30SEP04A	30SEP04A		LOE	61,119.60	61,119.60					
181.201	D-Site Shift Supervisor LOE FY04	01JUL04A	64*	30SEP04A	30SEP04A		LOE	25,920.40	25,920.40					
181.210	HP Coverage in the TFTR TC LOE FY05	01OCT04A	249*	30SEP05A	30SEP05A		LOE	136,539.00	136,539.00					
181.222	HP Coverage in the TFTR TC LOE FY06	01OCT05A	250*	02OCT06	02OCT06	760	LOE	58,342.22	147,328.84	sh/tb=1300 (.75 fte)				
181.220	HP Coverage in the TFTR TC LOE FY07	02OCT06*	250*	01OCT07	01OCT07	511		0.00	150,543.22	sh/tb=1300 (.75 fte)				
181.221	HP Coverage in the TFTR TC LOE FY08	01OCT07*	251*	30SEP08	30SEP08	261		0.00	154,583.00	sh/tb=1300 (.75 fte)				
181.100	PPPL EM LOE FY04	13OCT03A	242*	30SEP04A	30SEP04A		LOE	77,518.74	77,518.74					
181.110	PPPL EM LOE FY05	01OCT04A	249*	30SEP05A	30SEP05A		LOE	9,625.20	9,625.20					
181.120	PPPL EM LOE FY06	01DEC05A	209*	02OCT06	02OCT06	760	LOE	56,827.69	204,416.14	Viola=1178 85% for FY06				
181.2A	Procedure for VV prep	01MAR06*	20	28MAR06	21OCT05	301		0.00	0.00					
181.2B	Procedure for MC HP subassy	01AUG06*	15	21AUG06	21AUG06	292		0.00	0.00					
181.2C	Procedure for MC instl on VV	01SEP06*	15	22SEP06	22SEP06	326		0.00	0.00					
181.2D	Procedure for TF HP sub assy	02OCT06*	15	20OCT06	20OCT06	378		0.00	0.00					
181.2E	Procedure for Final FP assy	02JAN07*	15	22JAN07	22JAN07	304		0.00	0.00					
181.121	PPPL EM LOE FY07	02OCT06*	249*	28SEP07	28SEP07	512		0.00	260,099.10	Viola=1467 (85%)				
181.122	PPPL EM LOE FY08	01OCT07*	187*	30JUN08	30JUN08	325		0.00	200,288.00	Viola=1100(85%)				
FY05CV-28	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			57,000.00	57,000.00					

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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Fiscal Year			
										FY06	FY07	FY08	FY09
<b>Job: 1803- FP Assy Toolg/Constructability-BROWN</b>													
<b>+ 1.00-VV Prep Station</b>													
		01FEB05A	251	31JAN06A	05DEC05		100	109,150.07	109,150.07				
<b>2.00-Half Period Assembly</b>													
1803-2.01	Concept definition and requirements	03JAN05A	52*	28FEB05A	28FEB05A		100	16,056.00	16,056.00				
1803-2.02	MC Holding Fixture - model design and	01FEB05A	79*	29APR05A	29APR05A		100	21,728.00	21,728.00				
1803-2.04	Metrology - sightline layout design details metr	01AUG05A	77*	30SEP05A	30SEP05A		100	15,209.60	15,209.60				
1803-2.05	Structural / Seismic Analysis check	29MAR06	15	18APR06	21NOV05		253	0.00	13,924.80				
1803-2.055	Update design for new magnetic alignment	01MAR06	20	28MAR06			253	0.00	0.00				
1803-2.06	PDR Half Period Assy	19APR06	1	19APR06	07DEC05		253	0.00	0.00				
1803-2.061	FDR Half Period Assy	21APR06	19	17MAY06	04JAN06		253	0.00	0.00				
1803-2.08A	Prep & Issue Spec,dwgs,and requisition	18MAY06	3	22MAY06	09JAN06		253	0.00	0.00				
1803-2.08	Procurement Lead Time and Award	23MAY06	40	19JUL06	06MAR06		253	0.00	0.00				
1803-2.11	Fab MC HP Assy Fixtures (1)	20JUL06	65	18OCT06	06JUN06		253	0.00	31,889.46				
<b>+ 3.00-MC Installation</b>													
		25OCT04A	127	29APR05A	29APR05A		100	40,886.50	40,886.50				
<b>3.10 MC Turning Fixture-Industry Option</b>													
1803-3.10A	Issue dwgs	02MAY05A	30	31MAY05A	31MAY05A		100	20,243.80	20,243.80				
180303.10A	Issue RFP		0	31MAY05A	31MAY05A		100	0.00	0.00				
1803-3.10C	Proposals Due		0	17JUN05A	17JUN05A		100	0.00	0.00				
1803-3.14	DECISION ON APPROACH		0	31AUG05A	31AUG05A		100	0.00	0.00				
<b>3.20 MC Turning Fixture-Crane Option</b>													
1803-3.30	Develop Crane Design Option	01MAY05A	6*	31MAY05A	31MAY05A		100	0.00	0.00				
1803-3.33	Design Equivalent Test Simulation Model	16MAY05A	33*	17JUN05A	17JUN05A		100	6,416.80	6,416.80				
1803-3.36	Design Test Track	20JUN05A	7	24JUN05A	24JUN05A		100	6,416.80	6,416.80				
1803-3.39	Fab Test Track	27JUN05A	24*	29JUL05A	29JUL05A		100	56,326.60	56,326.60				
1803-3.40	Site Prep	27JUN05A	5	30JUN05A	30JUN05A		100	0.00	0.00				
1803-3.43	Assembly of Test Article	29JUL05A	5	29JUL05A	29JUL05A		100	11,923.20	11,923.20				
1803-3.46	Metrology set-up	29JUL05A	5	29JUL05A	29JUL05A		100	0.00	0.00				
1803-3.49	Run Test	29JUL05A	3	29JUL05A	29JUL05A		100	11,004.00	11,004.00				
1803-3.50	Test Evaluation and Write up	31AUG05A	0*	31AUG05A	31AUG05A		100	2,566.72	2,566.72				
1803-3.52	DECISION ON APPROACH		0	31AUG05A	31AUG05A		100	0.00	0.00				
1803-3.15	MC Crane load support sys	01DEC05A	66*	10MAR06	11NOV05		330	50	0.00	0.00			
1803-3.60	Laser Screen Guide Mods	01DEC05A	66*	10MAR06	23NOV05		305	50	0.00	0.00			
1803-3.62	VV support stand and misc fixtures	10OCT05A	106*	16MAR06	09DEC05		301	75	0.00	0.00			
1803-3.64	Platform for flange bolting	17MAR06*	5	23MAR06	06JAN06		301		0.00	0.00			
1803-3.66	Metrology layout	24MAR06*	5	30MAR06	20JAN06		301		0.00	0.00			
1803-3.07	Seismic Analysis check	31MAR06*	15	20APR06	10FEB06		301		0.00	27,849.60			

ANALYST =80hr ;

41=23.62

HM FAN =160hr ;

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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Timeline					
										FY06	FY07	FY08	FY09		
1803-3.15B	PDR Turning fixture & Base		0	20APR06*	10FEB06*	301		0.00	0.00						
1803-3.15E	FDR Turning fixture & Base		0	20APR06*	08MAR06*	301		0.00	0.00						
1803-3.07A	Issue drawing package	21APR06*	35	09JUN06	26APR06	301		0.00	0.00						
1803-3.08A	Issue RFP	12JUN06	10	23JUN06	26APR06	301		0.00	0.00						
1803-3.08B	Recieve & Evaluate Bids	26JUN06	25	31JUL06	01JUN06	301		0.00	0.00						
1803-3.15D	Award Fabrication Contract		0	31JUL06	02OCT06*	301		0.00	0.00						
1803-3.15C	Fab Crane Support & Laser screens	01AUG06	65	30OCT06	11JAN07	301		0.00	31,258.80						
<b>4.00-TF HP Assembly</b>															
1803-4.01	Concept definition and requirements	01MAR05A	5	28MAR05A	28MAR05A		100	10,704.00	10,704.00						
1803-4.03	TF HP support turning fixture - model design	01APR05A	15	30JUN05A	30JUN05A		100	14,265.00	14,265.00						
1803-5.002	TF Rotation Fixture plus dwgs start	02MAY05A	129*	30SEP05A	30SEP05A		100	32,592.00	32,592.00						
1803-4.06	TF Rotation Fixture plus dwgs complete	01MAR06*	8	10MAR06	10FEB06	431		0.00	0.00						
1803-4.06A	Metrology layout	13MAR06*	10	24MAR06	24FEB06	450		0.00	0.00						
1803-4.07	Structural / Seismic Analysis check	13MAR06*	30	21APR06	24MAR06	431		0.00	13,924.80						
1803-4.08	PDR Final FP Assy	27MAR06	1	27MAR06*	28FEB06*	450		0.00	0.00						
1803-4.081	FDR Final FP Assy	24APR06	1	24APR06*	11APR06*	431		0.00	0.00						
1803-4.10A	Prep & Issue Spec,dwgs,and req-pltfrm&sprts	09OCT06*	10	20OCT06	20OCT06	314		0.00	0.00						
1803-4.13	FAB-TF Support Stands (1)	23OCT06	65	31JAN07	31JAN07	314		0.00	13,230.15						
<b>5.00-Final FP Assembly</b>															
1803-4.02	MC Support Stand - model design and drawing	01APR05A	89*	31MAY05A	31MAY05A		100	14,265.00	14,265.00						
1803-5.001	Concept definition and requirements	02MAY05A	10	31MAY05A	31MAY05A		100	10,704.00	10,704.00						
1803-4.04	FP Assembly platform - model design drawing	01AUG05A	65*	30SEP05A	30SEP05A		100	21,397.50	21,397.50						
1803-5.003	MC support stand	06MAR06*	25*	07APR06	07APR06	353		0.00	0.00						
1803-5.004	Structural Analysis	17MAY06*	8*	26MAY06	26MAY06	346		0.00	13,924.80						
1803-5.005	PDR	30MAY06	5	05JUN06*	05JUN06*	346		0.00	0.00						
1803-5.006	FDR	05JUL06	5	11JUL06*	11JUL06*	326		0.00	0.00						
1803-5.007	Pre & Issue Specs and Dwgs	12JUL06	5	18JUL06	18JUL06	326		0.00	0.00						
1803-5.008	Procurement Lead Time	19JUL06	40	12SEP06	12SEP06	326		0.00	0.00						
1803-5.009	Fabricate	02OCT06*	65	10JAN07	10JAN07	313		0.00	52,714.95						
1803-5.100	FP Assy Platform	10APR06*	20*	05MAY06	05MAY06	353		0.00	0.00						
1803-5.200	Metrology layout/support stand dwgs	08MAY06*	5*	12MAY06	12MAY06	356		0.00	0.00						
<b>6.00-Interface/Test Activities</b>															
1803-5.01	Finalize TFTR test cell FPA assembly layout	01JUN05A	42*	29JUL05A	29JUL05A		100	9,066.40	9,066.40						
1803-5.03	Design MC assy test components	01JUN05A	25*	30JUN05A	30JUN05A		100	32,112.00	32,112.00						
1803-5.04	Fab - Test Articles	01JUL05A	65*	30SEP05A	30SEP05A		100	19,215.00	19,215.00						
1803-5.02A	Generate as built spherical seat dwg	01MAR06*	0*	28FEB06	15NOV05	417		0.00	0.00						
1803-5.05	Run test/metrology measurements	01MAR06*	0*	28FEB06	08DEC05	916		0.00	0.00						

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ECP-39 Status\_Forecast  
 xecp-39 baseline  
 Progress Bar  
 Critical Activity

0602

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**NCSX**  
 Status through MARCH 1st  
 ECP-39 Baseline

Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	FY				
										FY06	FY07	FY08	FY09	
1803-5.02	TFTR Test Cell FPA arrgmt dwg	05JUN06*	15*	23JUN06	23JUN06	834		0.00	0.00					
<b>7.00-Oversight</b>														
1803-7.01	Meetings Prep and Reporting	01NOV04A	230*	30SEP05A	30SEP05A		LOE	114,037.05	114,037.05					
1803-7.02	Develop and maintain concept definition	01NOV04A	230*	30SEP05A	30SEP05A		LOE	9,915.00	9,915.00					
1803-7.03	Develop and maintain assembly plan	01NOV04A	349*	30SEP05A	30SEP05A		LOE	9,254.00	9,254.00					
1803-7.04	Mike Cole's FY05 on-site involvement in	01NOV04A	230*	30SEP05A	30SEP05A		LOE	24,800.00	24,800.00					
1803-7.10	Tom Brown Engineering	03OCT05A	250*	29SEP06	29SEP06	765	LOE	74,993.40	189,377.28					
1803-7.20	Design Activity	03OCT05A	250*	29SEP06	29SEP06	765	LOE	59,399.94	149,999.85					
<b>Tooling Design &amp; Fabrication</b>														
713A.040	General procurements	02OCT06*	498	26SEP08	26SEP08	263		0.00	10,410.00					
713A.050	Welding tools, materials & equip	02OCT06*	498	26SEP08	26SEP08	263		0.00	10,410.00					
713A.060	Instl He gas piping from NSTX to D-site tc NOT	02OCT06*	65	10JAN07	10JAN07	371		0.00	0.00					
FY05CV-29	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			-148,000.00	-148,000.00					
<b>Job: 1804-FP Assy Measurement Sys-RAFTOPOULOS</b>														
<b>Metrology</b>														
740.010	Final Design Measurement systems	19JAN04A	181*	30SEP04A	30SEP04A		LOE	26,000.00	26,000.00					
740.011	3-D Scanner/Faro Arm FDR		0	30JAN04A	30JAN04A			0.00	0.00					
740.015	Prepare Requisition 3-D scanner & Romer Arm	30JAN04A	10	30JAN04A	30JAN04A			0.00	0.00					
740.030	Deliver 3-D Scanner & Romer Arm	01APR04A	10*	30APR04A	30APR04A		100	171,990.00	171,990.00					
740.030A	Romer Arm Training	06JUL04A	3*	08JUL04A	08JUL04A		100	0.00	0.00					
740.031	Metrology Software Review		0	30JAN04A	30JAN04A			0.00	0.00					
740.032	Prepare Met Software Requisition	30JAN04A	10	30JAN04A	30JAN04A			0.00	0.00					
740.045	Purchase- second Faro Arm PE005330	01OCT04A	102	29OCT04A	29OCT04A		100	70,455.00	70,455.00					
1803-8	Metrology Support (moved from 1803)	01NOV04A	230*	30SEP05A	30SEP05A		LOE	101,133.00	101,133.00					
740.035	Deliver Metrology Software	01MAR06*	1	01MAR06	03OCT05	910		0.00	0.00					
740.100	Romer CMM- spare probes	03JAN06A	65	31MAY06	11JAN06	846	50	2,056.50	4,113.00					
740.105	Romer CMM-Software support&warranty	01OCT05A	249*	29SEP06	02OCT06	761	LOE	4,365.26	10,968.00					
740.106	Romer CMM-Software support&warranty	03OCT06*	249*	01OCT07	01OCT07	511		0.00	10,978.92					
740.107	Romer CMM-Software support&warranty	03OCT07*	249*	30SEP08	30SEP08	261		0.00	11,240.00					
740.108	Romer CMM-Software support&warranty	03OCT08*	259*	30SEP09	30SEP09	0		0.00	11,520.00					
740.110	Romer CMM-Laptop for 2nd arm	01OCT05A	5	31OCT05A	30SEP05		100	5,484.00	5,484.00					
FY05CV-30	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			68,000.00	68,000.00					
<b>Job:1810 - Field Period Assembly-VIOLA</b>														
<b>Prep TFTR TC for Assembly operations</b>														
740.020	Facility Prep	01MAR06	150*	29SEP06	29SEP06	761		0.00	63,992.08					
SOP0-100	LOE Crane support, fixture setupfor TFTR TC.	01MAR06*	151*	29SEP06	29SEP06	765		0.00	70,282.72					

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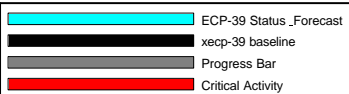
**NCSX**  
Status through MARCH 1st  
ECP-39 Baseline

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█ ECP-39 Status\_Forecast  
█ xecp-39 baseline  
█ Progress Bar  
█ Critical Activity

Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	FY					
										FY06	FY07	FY08	FY09		
<b>Stage 1 VV Prep (instl diag &amp; insul)FP#1</b>															
S1P1-101	Receive VV and inspect	13APR06	1	13APR06	06JAN06	291		0.00	7,818.24		EM//TB =96hr ;				
S1P1-101A	Prep for mounting on fixture,Instl flanges	14APR06	3	18APR06		291		0.00	0.00						
S1P1-102	Mount VV on VV Prep fixture (top side up)	19APR06	1	19APR06	09JAN06	291		0.00	977.28		EM//TB =12hr ;				
S1P1-103	Establish metrology setting; align VV base	20APR06	4	25APR06	13JAN06	291		0.00	5,863.68		EM//TB =72hr ;				
S1P1-103.1	Layout diagnostic&coolant paths on vsl	26APR06	26	01JUN06	16FEB06	291		0.00	38,684.00		metrology techs=475				
S1P1-104	Install heater tape on vertical ports	02JUN06	4	07JUN06		291		0.00	0.00						
S1P1-105	Verify installation of heater tapes	08JUN06	1	08JUN06		291		0.00	0.00						
S1P1-107	Wind magnetic diagnostic sensors	09JUN06	21	10JUL06	25APR06	291		0.00	32,250.24		EM//TB =396hr ;				
S1P1-107.1	Loop termination & verification	11JUL06	24	11AUG06	09MAY06	291		0.00	13,030.40		EM//TB =160hr ;				
S1P1-106	Attach studs for coolant lines	14AUG06	12	29AUG06	01JUN06	291		0.00	15,636.48		EM//TB =192hr ;				
S1P1-108	Install cooling/htg lines to vac vsl	30AUG06	24	02OCT06	06JUL06	291		0.00	46,952.16		EM//TB =576hr ;				
S1P1-109	Verify Instl of H/C lines,headers,manifolds	03OCT06	5	09OCT06		291		0.00	0.00						
S1P1-110	Install local I&C (incl thermocouples)	10OCT06	7	18OCT06		291		0.00	0.00						
S1P1-111	Verify installation of local I&C	19OCT06	3	23OCT06		291		0.00	0.00						
S1P1-116	Prepare and transfer completed VV to holding	24OCT06	3	26OCT06	11JUL06	291		0.00	5,991.84		EM//TB =72hr ;				
<b>Stage 1 VV Prep (instl diag &amp; insul)FP#2</b>															
S1P2-101	Receive VV and inspect	02JUN06	1	02JUN06	02MAR06	356		0.00	7,818.24		EM//TB =96hr ;				
S1P2-101A	Prep for mounting on fixture,Instl flanges	05JUN06	3	07JUN06		356		0.00	0.00						
S1P2-102	Mount VV on VV Prep fixture (top side up)	08JUN06	1	08JUN06	02OCT06	356		0.00	977.28		EM//TB =12hr ;				
S1P2-103	Establish metrology setting; align VV base	09JUN06	4	14JUN06	06OCT06	356		0.00	5,863.68		EM//TB =72hr ;				
S1P2-103.1	Layout diagnostic&coolant paths on vessel	15JUN06	26	21JUL06	24OCT06	356		0.00	19,545.60		metrology techs=240				
S1P2-104	Install heater tape on vertical ports	24JUL06	4	27JUL06		356		0.00	0.00						
S1P2-105	Verify installation of heater tapes	28JUL06	1	28JUL06		356		0.00	0.00						
S1P2-107	Wind magnetic diagnostic sensors	31JUL06	20	25AUG06	01NOV06	356		0.00	32,250.24		EM//TB =396hr ;				
S1P2-107.1	Loop termination & verification	28AUG06	22	26SEP06	15NOV06	356		0.00	13,030.40		EM//TB =160hr ;				
S1P2-106	Attach studs for coolant lines	27SEP06	12	12OCT06	11DEC06	356		0.00	15,892.80		EM//TB =192hr ;				
S1P2-108	Install cooling/htg lines to vac vsl	13OCT06	24	15NOV06	22JAN07	356		0.00	47,934.72		EM//TB =576hr ;				
S1P2-109	Verify Instl of H/C lines,headers,manifolds	16NOV06	5	22NOV06		356		0.00	0.00						
S1P2-110	Install local I&C (incl thermocouples)	27NOV06	7	05DEC06		356		0.00	0.00						
S1P2-111	Verify installation of local I&C	06DEC06	3	08DEC06		356		0.00	0.00						
S1P2-116	Prepare and transfer completed VV to holding	11DEC06	3	13DEC06	25JAN07	356		0.00	5,991.84		EM//TB =72hr ;				
<b>Stage 1 VV Prep (instl diag &amp; insul)FP#3</b>															
S1P3-101A	Prep for mounting on fixture,Instl flanges	24OCT06	3	26OCT06		291		0.00	0.00						
S1P3-101	Receive VV and inspect	02AUG06	1	02AUG06	27MAR06	349		0.00	7,818.24		EM//TB =96hr ;				
S1P3-102	Mount VV on VV Prep fixture (top side up)	27OCT06	1	27OCT06	26JAN07	291		0.00	998.64		EM//TB =12hr ;				
S1P3-103	Establish metrology setting; align VV base	30OCT06	4	02NOV06	01FEB07	291		0.00	5,991.84		EM//TB =72hr ;				

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0602

**NCSX**  
**Status through MARCH 1st**  
**ECP-39 Baseline**

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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	FY				
										FY06	FY07	FY08	FY09	
S1P3-104	Install heater tape on vertical ports	12DEC06	4	15DEC06		291		0.00	0.00					
S1P3-105	Verify installation of heater tapes	18DEC06	1	18DEC06		291		0.00	0.00					
S1P3-103.1	Layout diagnostic&coolant paths on vessel	03NOV06	25	11DEC06	19FEB07	291		0.00	19,972.80					
S1P3-107	Wind magnetic diagnostic sensors	19DEC06	20	23JAN07	27FEB07	291		0.00	32,955.12					
S1P3-107.1	Loop termination & verification	24JAN07	22	22FEB07	13MAR07	291		0.00	13,315.20					
S1P3-106	Attach studs for coolant lines	23FEB07	12	12MAR07	04APR07	291		0.00	15,978.24					
S1P3-109	Verify Instl of H/C lines, headers, manifolds	16APR07	5	20APR07		291		0.00	0.00					
S1P3-110	Install local I&C (incl thermocouples)	23APR07	7	01MAY07		291		0.00	0.00					
S1P3-111	Verify installation of local I&C	02MAY07	3	04MAY07		291		0.00	0.00					
S1P3-108	Install cooling/htg lines to vac vsl	13MAR07	24	13APR07	16APR07	291		0.00	47,934.72					
S1P3-116	Prepare and transfer completed VV to holding	07MAY07	3	09MAY07	19APR07	291		0.00	5,991.84					
<b>Spool pieces (3) (spacers)</b>														
S1SP-101	Attach diagnostics, studs and coolant lines	14DEC06	32	05FEB07	23JUL07	487		0.00	31,956.48					
<b>Stage 2 MC Subassemble &amp; align (6 MC together)</b>														
S2P1-100	Assemble Mod-Coils A1/A2, B1/B2	19MAR07	40	11MAY07	01MAR07	154		0.00	73,233.60					
S2P1-200	Assemble Mod-Coils C1/C2	14MAY07	20	11JUN07	16APR07	154		0.00	73,233.60					
S2P2-100	Assemble Mod-Coils A3/A4, B3/B4	31MAY07	36	19JUL07	21JUN07	200		0.00	73,233.60					
S2P2-200	Assemble Mod-Coils C3/C4	20JUL07	18	14AUG07	30JUL07	200		0.00	73,233.60					
S2P3-100	Assemble Mod-Coils A5/A6, B5/B6	02NOV07	36	03JAN08	05SEP07	116		0.00	75,204.80					
S2P3-200	Assemble Mod-Coils C5/C6	04JAN08	18	29JAN08	23NOV07	116		0.00	75,204.80					
<b>Stage 3 MC Instl (rotate MC over Vsl)-FP#1</b>														
S3P1-000	Begin Assembly of First Field Period Assy	31OCT06	0			301		0.00	0.00					
S3P1-101	VV to MC turning fixt base; metr check	31OCT06	2	01NOV06	15JAN07	301		0.00	3,994.56					
S3P1-101.1	Attach local protective strips to VV&locate	02NOV06	2	03NOV06	17JAN07	301		0.00	2,663.04					
S3P1-102	Mount MC on crane; perform metr checks	12JUN07	2	13JUN07	05MAR07	154		0.00	3,994.56					
S3P1-103	Rotate right MC to stand-off position&chk	14JUN07	3	18JUN07	08MAR07	154		0.00	5,991.84					
S3P1-104	Transfer load to sprt sys and recheck position	19JUN07	2	20JUN07	12MAR07	154		0.00	3,994.56					
S3P1-105	Move MC turning fixt; mount MC on crane	21JUN07	1	21JUN07	17APR07	154		0.00	1,997.28					
S3P1-106	Rotate left MC to stand-off position and check	22JUN07	2	25JUN07	19APR07	154		0.00	3,994.56					
S3P1-107	Move left & right MC to final position &	26JUN07	2	27JUN07	23APR07	154		0.00	3,994.56					
S3P1-108	Install shims ( as reqd); ream 24 holes	28JUN07	7	06JUL07	02MAY07	154		0.00	23,301.60					
S3P1-109	Bolt together at flange interface.	09JUL07	2	10JUL07	04MAY07	154		0.00	3,994.56					
S3P1-110	Perform final metrology position check	11JUL07	2	12JUL07	08MAY07	154		0.00	2,663.04					
S3P1-110.1	Remove temp interference strips&sensors	13JUL07	1	13JUL07	09MAY07	154		0.00	665.76					
S3P1-111	Secure VV to MC's using temporary supports.	16JUL07	2	17JUL07	11MAY07	154		0.00	3,994.56					

metrology techs=240  
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 EM/TB =160hr ;  
 EM/TB =192hr ;  
 EM/TB =576hr ;  
 EM/TB =72hr ;

EM/TB =384hr ;

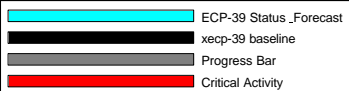
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 EM/TB =880hr ;  
 EM/TB =880hr ;  
 EM/TB =880hr ;  
 EM/TB =880hr ;

\*\*\*\*\*  
 BEGIN ASSEMBLY OF FIRST FIELD PERIOD  
 LEVEL 2 MILESTONE  
 PEP DATE = JULY 2007  
 \*\*\*\*\*

EM/TB =48hr  
 EM/TB =32hr ;  
 EM/TB =48hr  
 EM/TB =72hr ;  
 EM/TB =48hr ;  
 EM/TB =24hr ;  
 EM/TB =48hr ;  
 EM/TB =280hr ;  
 EM/TB =48hr ;  
 EM/TB =32hr ;  
 EM/TB =8hr ;  
 EM/TB =48hr ;

Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	FY				
										FY06	FY07	FY08	FY09	
S3P1-112	Prep& xfr completed assembly to Stage 4 area	18JUL07	1	18JUL07	14MAY07	154		0.00	1,997.28					
<b>Stage 3 MC Instl (rotate MC over Vsl)-FP#2</b>														
S3P2-101	Mount VV to MC turning fixt base; metr check	19JUL07	2	20JUL07	16MAY07	208		0.00	3,994.56					
S3P2-101.1	Attach local protective strips to VV&locate	23JUL07	2	24JUL07	18MAY07	208		0.00	2,663.04					
S3P2-102	Mount MC on crane; perform metr checks	25JUL07	2	26JUL07	25JUN07	208		0.00	3,994.56					
S3P2-103	Rotate right MC to stand-off position&chk	27JUL07	3	31JUL07	28JUN07	208		0.00	5,991.84					
S3P2-104	Transfer load to supt sys and recheck position	01AUG07	2	02AUG07	02JUL07	208		0.00	3,994.56					
S3P2-105	Move MC turning fixt; mount MC on crane	15AUG07	1	15AUG07	31JUL07	200		0.00	1,997.28					
S3P2-106	Rotate left MC to stand-off position and check	16AUG07	2	17AUG07	02AUG07	200		0.00	3,994.56					
S3P2-107	Move left & right MC to final position &	20AUG07	2	21AUG07	06AUG07	200		0.00	3,994.56					
S3P2-108	Install shims ( as reqd); ream 24 holes	22AUG07	7	30AUG07	15AUG07	200		0.00	23,301.60					
S3P2-109	Bolt together at flange interface.	31AUG07	2	03SEP07	17AUG07	200		0.00	3,994.56					
S3P2-110	Perform final metrology position check	04SEP07	2	05SEP07	21AUG07	200		0.00	2,663.04					
S3P2-110.1	Remove temp interference strips&sensors	06SEP07	1	06SEP07	22AUG07	200		0.00	665.76					
S3P2-111	Secure VV to MC's using temporary supports.	07SEP07	2	10SEP07	24AUG07	200		0.00	3,994.56					
S3P2-112	Prep& xfr completed assembly to Stage 4 area	11SEP07	1	11SEP07	27AUG07	200		0.00	1,997.28					
<b>Stage 3 MC Instl (rotate MC over Vsl)-FP#3</b>														
S3P3-101	Mount VV to MC turning fixt base; metr check	12SEP07	2	13SEP07	29AUG07	203		0.00	3,994.56					
S3P3-101.1	Attach local protective strips to VV&locate	14SEP07	2	17SEP07	31AUG07	203		0.00	2,663.04					
S3P3-102	Mount MC on crane; perform metr checks	30JAN08	2	31JAN08	07SEP07	116		0.00	4,102.08					
S3P3-103	Rotate right MC to stand-off position&chk	01FEB08	3	05FEB08	12SEP07	116		0.00	6,153.12					
S3P3-104	Transfer load to supt sysand recheck position	06FEB08	2	07FEB08	14SEP07	116		0.00	4,102.08					
S3P3-105	Move MC turning fixt; mount MC on crane	08FEB08	1	08FEB08	26NOV07	116		0.00	2,051.04					
S3P3-106	Rotate left MC to stand-off position and check	11FEB08	2	12FEB08	28NOV07	116		0.00	4,102.08					
S3P3-107	Move left & right MC to final position &	13FEB08	2	14FEB08	04DEC07	116		0.00	4,102.08					
S3P3-108	Install shims ( as reqd); ream 24 holes	15FEB08	7	25FEB08	13DEC07	116		0.00	23,928.80					
S3P3-109	Bolt together at flange interface.	26FEB08	2	27FEB08	17DEC07	116		0.00	4,102.08					
S3P3-110	Perform final metrology position check	28FEB08	2	29FEB08	19DEC07	116		0.00	2,734.72					
S3P3-110.1	Remove temp interference strips&sensors	03MAR08	1	03MAR08	20DEC07	116		0.00	683.68					
S3P3-111	Secure VV to MC's using temporary supports.	04MAR08	2	05MAR08	02JAN08	116		0.00	4,102.08					
S3P3-112	Prep& xfr completed assembly to Stage 4 area	06MAR08	1	06MAR08	03JAN08	116		0.00	2,051.04					
<b>Station 5 - TF HP Pre-Assy (bolt 3 TF together)</b>														
184-100	Assemble 3 TF coils&structure -Left-Period #1	13APR07	15	03MAY07	03MAY07	262		0.00	37,110.40					
184-105	Assemble 3 TF coils&structure -Right -Period	04MAY07	10	17MAY07	17MAY07	262		0.00	37,110.40					
184-110	Assemble 3 TF coils&structure -Left-Period #2	18MAY07	10	01JUN07	13JUN07	301		0.00	37,110.40					
184-115	Assemble 3 TF coils&structure -Right -Period	04JUN07	10	15JUN07	30JUL07	301		0.00	37,110.40					
184-120	Assemble 3 TF coils&structure -Left -Period #3	15AUG07	10	28AUG07	17OCT07	268		0.00	37,110.40					

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0602

**NCSX**  
**Status through MARCH 1st**  
**ECP-39 Baseline**

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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Fiscal Year			
										FY06	FY07	FY08	FY09
S4P3-102	Position and weld all ports to VV*2 shift*	11MAR08	30	21APR08	29FEB08	116		0.00	82,041.60				
S4P3-103	Inspect Welds	22APR08	3	24APR08	07MAR08	116		0.00	6,836.80				
S4P3-104	Assemble left TF Coil Assembly check position	25APR08	1	25APR08	12MAR08	116		0.00	8,204.16				
S4P3-105	Change platforms	28APR08	1	28APR08	14MAR08	116		0.00	4,102.08				
S4P3-106	Assemble right TF Coil Assembly chk position	29APR08	2	30APR08	19MAR08	116		0.00	8,204.16				
S4P3-107	Attach TF coils to MC's	01MAY08	1	01MAY08	24MAR08	116		0.00	6,153.12				
S4P3-108	Change platforms	02MAY08	1	02MAY08	26MAR08	117		0.00	5,469.44				
S4P3-109	Position, weld two large horizontal diag ports	05MAY08	4	08MAY08	07APR08	117		0.00	16,408.32				
S4P3-110	Inspect Welds	09MAY08	1	09MAY08	08APR08	117		0.00	1,367.36				
S4P3-111	Assemble external trim coils to TF Coil	01MAY08	8	12MAY08	02APR08	116		0.00	20,510.40				
S4P3-112	Close up VV, leak check	13MAY08	5	19MAY08	22APR08	116		0.00	54,694.40				
S4P3-113	Adjust final support base interfaces	20MAY08	5	26MAY08	06MAY08	116		0.00	4,102.08				
S4P3-113.5	Final metrology outside & inside	27MAY08	5	02JUN08	20MAY08	116		0.00	0.00				
S4P3-114	Prepare Field Period for shipment	03JUN08	1	03JUN08	22MAY08	116		0.00	4,102.08				
S4P3-115	Transfer completed assy to C-site test cell	04JUN08	1	04JUN08	26MAY08	116		0.00	6,836.80				
S4P3-115X	Last field period assembled		0	04JUN08	26MAY08	116		0.00	0.00				

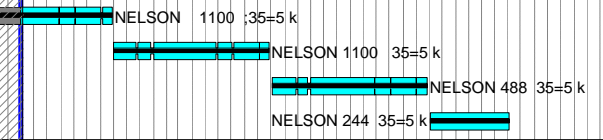
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- EM//TB =48hr ;
- EM//TB =80hr ;

LAST FIELD PERIOD ASSEMBLED  
DOE LEVEL 2 MILESTONE  
PEP DATE = NOVEMBER 2008

**19 - Stellarator Core Management and Integration**

**Job: 1901 - Stellarator Core Mngt&Integr-NELSON**

Prior Costs									
1901-002	Apr-Sept MIE Costs ORNL	01APR03A	248	30SEP03A	30SEP03A		100	187,090.00	187,090.00
1901-003	Apr-Sept MIE Costs PPPL	01APR03A	248	30SEP03A	30SEP03A		100	67,070.00	67,070.00
1901-ECP16	ecp16	01OCT03A	250*	30SEP04A	30SEP04A		LOE	30,000.00	30,000.00
191 - Stellarator Core Management & Oversight									
191-4	LOE-FY04 WBS 191-4 Management Activities	01OCT03A	250*	30SEP04A	30SEP04A		LOE	101,500.00	101,500.00
0191-5	LOE-FY05 WBS 191	01OCT04A	249*	30SEP05A	30SEP05A		LOE	175,500.00	175,500.00
0191-6	LOE-FY06 WBS 191	03OCT05A	249*	29SEP06	29SEP06		514 LOE	78,714.05	197,774.00
0191-6X	LOE-FY07 WBS 191	03OCT06*	247	27SEP07	27SEP07		513 LOE	0.00	201,498.00
0191-7	LOE-FY08 WBS 191	03OCT07*	247	26SEP08	26SEP08		263 LOE	0.00	99,976.00
191-8	LOE-FY089 WBS 191	03OCT08*	130	02APR09	02APR09		129 LOE	0.00	51,804.00
192 - Stellarator Core Integration & Analysis									
192-4	LOE-FY05 WBS 192-4 Design Integration	01OCT03A	250*	30SEP04A	30SEP04A		LOE	234,660.11	234,660.11
192-5	LOE-FY05 WBS 192-5 VV & Coil Services	01OCT03A	250*	30SEP04A	30SEP04A		LOE	36,676.65	36,676.65
192-6	LOE-FY05 WBS 192-6 Integrated Analysis	01OCT03A	271	30SEP04A	30SEP04A		LOE	42,333.00	42,333.00
192-6.07	Time constant calcs using SPARK	01APR04A	42*	28MAY04A	28MAY04A		100	6,180.00	6,180.00
192-6.08	Indep check time constant calcs using	01MAY04A	138*	30SEP04A	30SEP04A		100	10,295.20	10,295.20



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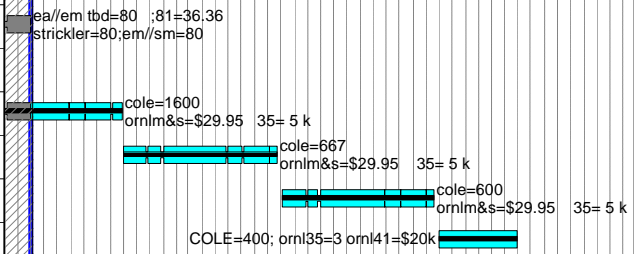
ECP-39 Status „Forecast“  
 xecp-39 baseline  
 Progress Bar  
 Critical Activity

0602

**NCSX**  
 Status through MARCH 1st  
 ECP-39 Baseline

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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Fiscal Year					
										FY06	FY07	FY08	FY09		
192-6.09	Revised VV geometry	02FEB04A	6	27FEB04A	27FEB04A		100	3,090.00	3,090.00						
192-6.10	MC interf during assly, geometry, assly trajecto	02FEB04A	31	27FEB04A	27FEB04A		100	32,957.60	32,957.60						
192-6.11	Range of motion reqts for Assly MC fixture.	02FEB04A	20	27FEB04A	27FEB04A		100	17,507.60	17,507.60						
192-6.12	Final Check & Verification	01MAY04A	6	28MAY04A	28MAY04A		100	3,708.00	3,708.00						
192-6.2	Final Mod Coil Trajectories		0	27FEB04A	27FEB04A			0.00	0.00						
192-6.5	Structural Design criteria		0	28MAY04A	28MAY04A		100	0.00	0.00						
192-6.01	Document coil tolerance and trim coil	01MAR04A	357*	29JUL05A	29JUL05A		100	19,284.37	19,284.37						
192-6.02	Check critical coil tolerance calculations.	01APR04A	207*	31JAN05A	31JAN05A		100	11,098.48	11,098.48						
192-6.03	Method for determining current center	01FEB04A	234*	30DEC04A	30DEC04A		100	86,626.35	86,626.35						
192-6.06	Coil positions to minimize islands.	02FEB04A	270	28FEB05A	28FEB05A		100	66,401.76	66,401.76						
192-6.031	Demo Method for current center on TRC	18JUN05A	173*	28FEB06A	21OCT05		100	72,473.30	72,473.30						
0192-5	LOE-FY05 WBS 192	01OCT04A	249*	30SEP05A	30SEP05A		LOE	280,350.00	280,350.00						
0192-6	LOE-FY06 WBS 192	03OCT05A	249*	29SEP06	29SEP06		519	LOE	124,367.62	312,481.45					
0192-6X	LOE-FY07 WBS 192	03OCT06*	242	20SEP07	20SEP07		518	LOE	0.00	158,033.60					
0192-7	LOE-FY08 WBS 192	03OCT07*	242	19SEP08	19SEP08		268	LOE	0.00	151,531.40					
0192-99	LOE-FY09	01OCT08*	130	31MAR09	31MAR09		131	LOE	0.00	101,860.00					
FY05CV-31	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A				9,000.00	9,000.00					



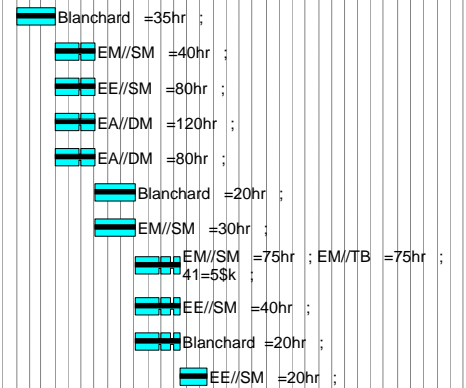
## 2 - Plasma Heating, Fueling & Vac Systems

### 21 - Fueling Systems

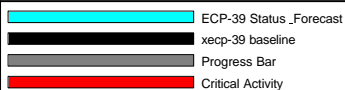
#### Job: 2101 - Fueling Systems

##### ECP 16 October 2004

21-10	Eng. Work Planning and Design	02JAN07*	65	02APR07	02APR07	227		0.00	6,205.50
21-15	Design Gas Handling Hardware	03APR07	65	03JUL07	03JUL07	227		0.00	5,240.00
21-20	Design PLC Controls	03APR07	65	03JUL07	03JUL07	292		0.00	10,353.60
21-25	Electrical Drafting for pumping system	03APR07	65	03JUL07	03JUL07	292		0.00	14,203.20
21-30	Drafting	03APR07	65	03JUL07	03JUL07	292		0.00	9,468.80
21-35	Eng. Work Planning and Design during fab	04JUL07	65	02OCT07	02OCT07	292		0.00	3,548.94
21-40	Fabrication/Install Hardware	04JUL07	65	02OCT07	02OCT07	227		0.00	3,933.25
21-45	Fabrication/installation	03OCT07	65	14JAN08	14JAN08	227		0.00	23,523.50
21-55	Install PLC Controls	03OCT07	65	14JAN08	14JAN08	227		0.00	5,316.40
21-60	Integrated Systems Testing/Eng	03OCT07	65	14JAN08	14JAN08	227		0.00	3,641.60
21-65	Integrated Systems Testing/Tech Support	15JAN08	45	17MAR08	17MAR08	227		0.00	2,658.20



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0602

NCSX  
Status through MARCH 1st  
ECP-39 Baseline

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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Fiscal Year			
										FY06	FY07	FY08	FY09
<b>22 - Torus Vacuum Pumping Systems</b>													
<b>Job: 2001-VPS, Gas &amp; Cond Sys Oversight-BLANCHARD</b>													
<b>Prior Costs</b>													
2001-001	Apr-May MIE Cost	01APR03A	43*	30MAY03A	30MAY03A		100	38,000.00	38,000.00				
2001-100	PDR Support	01JUN03A	164*	30SEP03A	30SEP03A		LOE	25,667.20	25,667.20				
<b>Job: 2201 - Vacuum Pumping Systems</b>													
22-25	Eng. Work Planning and Design	01MAY07*	40	26JUN07	26JUN07	230		0.00	28,210.00				
22-30	Design PLC based control system	27JUN07	50	04SEP07	04SEP07	270		0.00	41,414.40				
22-35	Electrical Drafting for pumping system	27JUN07	50	04SEP07	04SEP07	290		0.00	24,855.60				
22-40	Drafting	27JUN07	50	04SEP07	04SEP07	230		0.00	18,937.60				
22-45	Eng. Work Planning and Design during fab	05SEP07	40	30OCT07	30OCT07	250		0.00	16,193.61				
22-50	Perform maint. & repair of pmpg sys	05SEP07	40	30OCT07	30OCT07	230		0.00	10,634.88				
22-55	Repair and Calibration of vac instrumentation	31OCT07	60	04FEB08	04FEB08	250		0.00	10,761.60				
22-60	Fabrication/installation	31OCT07	80	03MAR08	03MAR08	230		0.00	125,323.80				
22-65	Fab PLC conrols	31OCT07	80	03MAR08	03MAR08	230		0.00	66,225.60				
22-70	Integrated Systems Testing/Eng	04MAR08	20	31MAR08	31MAR08	230		0.00	7,283.20				
22-75	Integrated Systems Testing/Tech Support	04MAR08	20	31MAR08	31MAR08	230		0.00	5,316.40				
<b>+ 25 - Neutral Beam Injection System</b>													
		01APR03A	385	30SEP04A	30SEP04A			284,367.67	284,367.67				
<b>3 - Diagnostics</b>													
<b>31 - Magnetic Diagnostics</b>													
<b>Job: 3101 Magnetic Diagnostics</b>													
<b>Vacuum Vessel Saddle Loops</b>													
3101-105	DEVELOP LOCATING, MOUNTING	01JAN05A	20	31JAN05A	31JAN05A		100	1,000.00	1,000.00				
3101-109	INTEGRATE LOOP AND LEAD DESIGN WITH	01JAN05A	40	28FEB05A	28FEB05A		100	6,416.80	6,416.80				
3101-113	INTEGRATE LAYOUT, MEAS NEEDS W/ VSL	01JAN05A	40	28FEB05A	28FEB05A		100	3,208.40	3,208.40				
3101-117	DEVELOP CONSTRAINTS FOR ARRAY	01JAN05A	20	31JAN05A	31JAN05A		100	0.00	0.00				
3101-121	LAYOUT CANDIDATE SENSOR ARRAY ON	01FEB05A	20	28FEB05A	28FEB05A		100	0.00	0.00				
3101-125	PDR PREP -VESSEL SADDLE LOOP	02MAY05A	5	31MAY05A	31MAY05A		100	9,483.60	9,483.60				
3101-126	PEER REVIEW -VESSEL SADDLE LOOP		0	31MAY05A	31MAY05A		100	0.00	0.00				
3101-129	DESIGN AND PROTOTYPE SADDLE LOOP	01MAR05A	107*	29JUL05A	29JUL05A		100	7,643.52	7,643.52				
3101-133	Prototype loops on vsl proto segment using	01MAR05A	107*	29JUL05A	29JUL05A		100	6,189.20	6,189.20				
3101-137	FINAL OPTIMIZATION OF LOOP LOCATION,	01JAN05A	193*	30SEP05A	30SEP05A		100	0.00	0.00				
3101-149	PREPARE METROLOGY	01JUN05A	87*	31AUG05A	31AUG05A		100	6,416.80	6,416.80				
3101-145	Procure MI Cable	26SEP05A	68*	23DEC05A	09DEC05		100	22,182.57	22,182.57				
3101-139	Develop ProE model of loops, flat dev, fiducials	26SEP05A	127*	31MAR06	15NOV05	893	95	19,803.30	20,845.58				
3101-141	FDR PREP-	01DEC05A	81*	31MAR06	28OCT05	304	50	5,205.30	10,410.60				

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 EE//SM =320hr ;
   
 EA//DM =210hr ;
   
 EA//DM =160hr ;
   
 Blanchard =90hr ;
   
 EM//SM =80hr ;
   
 EM//SM =80hr ;
   
 EM//SM =450hr ; EM/TB =380hr ;
   
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 Blanchard =40hr ;
   
 EE//SM =40hr ;

;Brown=120
   
 ;LABIK =60hr ;

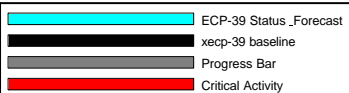
Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Gantt Chart			
										FY06	FY07	FY08	FY09
3101-142	FDR - VESSEL SADDLE LOOP TEMPLATES		0	16DEC05A	28OCT05			0.00	0.00				
3101-143	FDR - VESSEL SADDLE LOOP LAYOUT		0	31MAR06*		893		0.00	0.00				
3101-153	Fab Installation Templates (for FP assy)	01JAN06A	41*	28FEB06A	30NOV05		100	2,619.92	2,619.92				
3101-154	Fab Installation Templates (for spacers)	01MAR06*	8*	10MAR06				0.00	291.10				
3101-146	Procure remaining materials	01OCT05A	99*	28FEB06A	01NOV05		100	12,424.40	12,424.40				
3101-157	Design & fab tooling and clamps	01JUN05A	206*	28MAR06	30NOV05		85	11,072.14	13,026.04				
3101-167	Design voltage loops	01DEC05A	78*	28MAR06	08FEB06			2,949.67	3,470.20				
3101-169	Voltage loop connection peer review	29MAR06*	1	29MAR06	15FEB06			0.00	1,735.10				
3101-165	Identify lead wires at multiple locations	01MAR06*	309*	21MAY07	21MAY07			0.00	8,449.97				
3101-161	SUPT LOOP INSTL 200 LOOPS), TESTING	09JUN06	154*	23JAN07	27FEB07			0.00	7,013.25				
3101-225	Terminate saddle loops (not required)	24OCT06	134*	09MAY07	19APR07			0.00	0.00				
<b>Modular Coil C-wound Loops</b>													
3101-205	MOUNTING/LOCATING STRATEGY MC	01JAN05A	20	31JAN05A	31JAN05A		100	3,208.40	3,208.40				
3101-209	PROTOTYPE ON TWISTED RACETRACK	01MAR05A	20	31MAR05A	31MAR05A		100	4,741.80	4,741.80				
3101-213	DESIGN TERMINATION	01MAR05A	130*	31AUG05A	31AUG05A		100	7,302.40	7,302.40				
3101-221	PROCURE MATERIALS	25JUL05A	0*	29JUL05A	29JUL05A		100	6,410.90	6,410.90				
3101-217	Peer review of lead routing	31JAN06A	0*	31JAN06A	07NOV05		100	6,940.40	6,940.40				
3101-230	Install heat shrink tubing on MI cable	31JAN06A	10	14MAR06	23DEC05		6	724.10	12,068.40				
3101-229	SUPPORT NSTALLATION, TERMINATION,	15MAR06	309*	05JUN07	04JUN07			0.00	3,511.41				
3101-231	Terminate MC co-wound loops	18JUL07	158*	06MAR08	03JAN08			0.00	11,609.88				
<b>Rogowski Coils</b>													
3101-301	LAYOUT LOCATION ROWGOSKI COIL & EST	01JUN05A	166*	31JAN06A	15DEC05		100	4,924.69	4,924.69				
3101-305	work on coil design with vendor	03OCT05A	162*	26MAY06	01MAR06		40	1,388.08	3,470.20				
3101-309	DESIGN COIL MOUNTING TECHNIQUE	26SEP05A	124*	28MAR06	08MAR06		90	3,113.68	3,459.64				
3101-313	DESIGN LEAD ROUTING AND TERMINATION	29MAR06*	20	25APR06	05APR06			0.00	3,470.20				
3101-317	PDR PREP- ROWGOWSKI COIL	26APR06*	20	23MAY06	03MAY06			0.00	5,126.10				
3101-318	PDR - ROWGOWSKI COIL		0	23MAY06*	03MAY06*			0.00	0.00				
3101-321	Specify Rogowski Coils	24MAY06*	10	07JUN06	17MAY06			0.00	3,470.20				
3101-325	FDR PREP ROWGOSKI COIL	08JUN06*	10	21JUN06	01JUN06			0.00	3,470.20				
3101-326	FDR - ROWGOSKI COIL		0	21JUN06	01JUN06			0.00	0.00				
3101-329	FAB ROWGOWSKI COILS (2)	22JUN06	10	06JUL06	15JUN06			0.00	24,035.20				
3101-337	INSTALL COILS AND TERMINATIONS	18JUL07	158*	06MAR08	03JAN08			0.00	4,456.62				
<b>TF Co-wound Loops</b>													
3101-401	MOUNTING/LOCATING TECHNIQUE TF	25JUL05A	28*	31AUG05A	31AUG05A		100	6,275.20	6,275.20				
3101-405	DESIGN TERMINATION N/R	01MAR06	1	01MAR06	03OCT05			0.00	0.00				
3101-409	FINALIZE LOOP LOCATION/MOUNTING	01AUG05A	20	31AUG05A	31AUG05A		100	6,416.80	6,416.80				
3101-417	PROCURE MATERIALS	03APR06*	8	12APR06	12APR06			0.00	10,325.20				

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		xecp-39 baseline		Status through MARCH 1st	
		Progress Bar		ECP-39 Baseline	
		Critical Activity			

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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	FY06					FY07					FY08					FY09					
										FY06					FY07					FY08					FY09					
3101-425	INSTALL HEAT SHRINK CABLE	08JUN06	307*	24AUG07	15OCT07	248		0.00	8,275.04	EM//TB=4100 hrs																				
3101-429	INSTALL TERMINATIONS	18JUL07	158*	06MAR08	03JAN08	116		0.00	8,692.05	LABIK =20hr ; DIAG TECH =60hr																				
<b>Modular Coil Shell Saddle Loops</b>																														
3101-501	DETERMINE NUMEBR AND LOCATION OF	03APR06*	59	23JUN06	23JUN06	774		0.00	6,623.60	STRATTON =40hr ;																				
3101-505	MOUNTING/LOCATING TECHN MC SHELL	26JUN06	20	24JUL06	24JUL06	774		0.00	6,782.00	STRATTON =20hr ; LABIK =20hr ;																				
3101-513	PDR PREP -MC SHELL SADDLE LOOPS	25JUL06*	11	08AUG06	09AUG06	774		0.00	5,126.10	STRATTON =10hr ; LABIK =20hr ;																				
3101-514	PDR-MC SHELL SADDLE LOOPS		0	08AUG06	09AUG06	774		0.00	0.00	LABIK =40hr ;stratton=20																				
3101-521	FINALIZE LOOP LOCATION/MOUNTING	09AUG06*	8	18AUG06	21AUG06	774		0.00	10,252.20	LABIK =40hr ;																				
3101-525	FDR PREP - MC SHELL SADDLE LOOPS	21AUG06	11	04SEP06	05SEP06	774		0.00	6,940.40	LABIK =40hr ;																				
3101-526	FDR - MC SHELL SADDLE LOOPS		0	04SEP06	05SEP06	774		0.00	0.00	M&S =05\$K ; LABIK =20hr ;																				
3101-529	PROCURE MATERIALS	05SEP06	10	18SEP06	19SEP06	774		0.00	10,325.20	labik=40;																				
3101-533	INSTALL MC SHELL SADDLE LOOPS	12JAN07*	225*	23NOV07	23NOV07	474		0.00	7,125.99	LABIK =20hr ; DIAG TECH =60hr																				
3101-537	INSTALL TERMINATIONS	18JUL07	120	14JAN08	29OCT07	154		0.00	8,667.62																					
<b>Termination Boxes</b>																														
3101-333	Complete termination box design & prototyping	26SEP05A	47*	31OCT05A			100	10,833.80	10,833.80																					
3101-421	FDR of terminations incl in saddle loop FDR	01MAR06*	1	01MAR06	02NOV05	895		0.00	0.00	em//TB=40 hrs																				
3101-422	Fab Prototype term. Box	01MAR06*	20	28MAR06		876		0.00	3,257.60	labik=10;machinist=336																				
3101-517	Fab termination boxes (24)	29MAR06	20	25APR06	01FEB06	876		0.00	29,098.94	labik=10;machinist=10; diag tech=96																				
3101-517A	Install termination boxes	30AUG06	173*	09MAY07	19APR07	291		0.00	10,564.19																					
FY05CV-32	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			30,000.00	30,000.00																					
FY06CV-01	FY06 YTD cost vari (offset by scope)	01OCT05A	251	28FEB06A				83,621.42	83,621.42																					
<b>36 - Edge and Divertor Diagnostics</b>																														
<b>Job: 3601 - Edge and Divertor Diagnostics</b>																														
361-001	Design Visible Camera sys	04SEP07	40	29OCT07	29OCT07	186		0.00	11,997.15	R//RM2 =28hr ; EM//EM =40hr ;																				
361-015	Fab/Assy/Installation Visible Camera	30OCT07*	130	08MAY08	08MAY08	186		0.00	33,584.00	R//RM2 =98hr ; EM//EM =20hr ; EM//SM =96hr ; 41=0\$K ; use existing camera																				
<b>38 - Electron Beam (EB) Mapping</b>																														
<b>Job: 3801 - Electron Beam Mapping</b>																														
380-010	Designe-Beam Probe,Fluor. Screen	12OCT07	40	10DEC07	10DEC07	186		0.00	46,167.80	R//RM2 =70hr ; EM//EM =120hr ; EA//DM =100hr ;																				
380-015	Fab & Install Beam probe	11DEC07*	102	08MAY08	08MAY08	186		0.00	160,029.00	R//RM2 =160hr ; EE//EM =60hr ; EM//EM =160hr ; EE//SM =80hr ; em//sm=170;41=42																				
<b>39 - Diagnostics Integration</b>																														
<b>Job: 3901 - Diagnostics sys Integration-JOHNSON</b>																														
<b>Prior Costs</b>																														
390-001	LOE Support FY03	01APR03A	151*	30SEP03A	30SEP03A		100	155,450.00	155,450.00																					

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 ECP-39 Status \_Forecast  
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**NCSX**  
**Status through MARCH 1st**  
**ECP-39 Baseline**

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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Fiscal Year			
										FY06	FY07	FY08	FY09
390-100	Finalize VV ports (number,size,locations)		0	30JUN04A	30JUN04A		100	0.00	0.00				
390-110	Resolve port interferences.Final port config		0	30JUN04A	30JUN04A		100	0.00	0.00				
390-120	Update port map&revise diag port assignments		0	31OCT05A	30SEP05*		100	0.00	0.00				
390-130	Rvw status of existing ICD's w/VV & Mod Coils		0	31JAN06A	30SEP05*		100	0.00	0.00				
390-140	Write ICD's-Define external space for		0	28FEB06*	30SEP05*	911	50	0.00	0.00				
390-150	Write ICD's-Define space f/racks in cntrl rm		0	28FEB06*	30SEP05*	911	50	0.00	0.00				
390-160	Start recruiting diag team at HTPD conference		0	30JUN04A	30JUN04A		100	0.00	0.00				
390-170	Develop space envelopes for SXR		0	31JAN06A	30SEP05*		100	0.00	0.00				
390-180	Hold CDR's co-wound mag sensors&ext		0	31OCT05A	30SEP05*		100	0.00	0.00				
390-010	LOE Support FY04	01OCT03A	250*	30SEP04A	30SEP04A		LOE	65,000.00	65,000.00				
390-015	LOE Support FY05 **reduced scope	01OCT04A	249*	30SEP05A	30SEP05A		LOE	66,357.30	66,357.30				
390-020	LOE Support FY06	03OCT05A	249*	29SEP06	29SEP06	761	LOE	28,064.98	70,515.03				
FY05CV-33	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			-12,000.00	-12,000.00				

R//RM2 =177hr ; EM//EM =0  
EA//DM =0 ; //rm3=177

#### 4 - Electrical Power Systems

##### 41 - AC Power

###### Job: 4101 - AC Power-RAMAKRISHNAN

###### 411 - Auxiliary AC Power Systems

4101-100	Prepare Preliminary One line diagram	01MAR04A	173*	30SEP04A	30SEP04A		100	8,442.00	8,442.00				
4101-100.1	Prepare Preliminary One line diagram	06OCT06*	173	18JUN07	18JUN07	584		0.00	1,076.96				
411-1-100	Ex-Test cell AC pwr-Reactivate& new instl	06OCT06*	241	24SEP07	24SEP07	516		0.00	60,631.46				
411-2-2	Grounding-Dsn	02OCT06*	86	08FEB07	08FEB07	364		0.00	31,305.04				
411-2-4	Grounding-Procure	09FEB07*	107	11JUL07	11JUL07	364		0.00	6,855.00				
411-2-6	Grounding-Install	10MAY07*	43	11JUL07	11JUL07	364		0.00	64,912.20				
411-2-8	Grounding-Commission	12JUL07*	29	21AUG07	21AUG07	364		0.00	16,005.68				
411-3-2	Test Cell AC Power Distr-Dsn	02OCT06*	186	29JUN07	29JUN07	400		0.00	3,741.36				
411-3-2.04	Test Cell AC Power fy04	01APR04A	186*	30SEP04A	30SEP04A		100	73,000.00	73,000.00				
411-3-4	Test Cell AC Power Distr-Procure(pnls &	01JUL05A	107*	30NOV06	30NOV06	544	20	8,956.74	44,783.72				
411-3-6	Test Cell AC Power Distr-Install	28SEP06*	358	14SEP07	14SEP07	347	50	15,296.03	30,592.03				
411-3-8	Test Cell AC Power Distr-Commission	13JUL07*	45	14SEP07	14SEP07	347		0.00	32,011.36				
411-4-2	Standby Power for Cryo Sys -Dsn	01MAR06	0	28FEB06	30SEP05	911		0.00	0.00				
411-4-4	Standby Power for Cryo Sys -Procure	01MAR06	0	28FEB06	30SEP05	911		0.00	0.00				
411-4-6	Standby Power for Cryo Sys -Install	01MAR06	0	28FEB06	30SEP05	911		0.00	0.00				

vankirk =16hr ; raki =24hr ;  
ee//sm=16; ee//tb=32

vankirk=26;raki=62;ee//sm=62  
ee//tb=104;M&S=6;Powers=\$16k

VANKIRK =160hr ; Raki =72hr ;

41=05\$K ;

EE//EM =40hr ; EE//SM =80hr ;  
EE//TB =160hr ;

EE//EM =24hr ; EE//SM =40hr ;  
EE//TB =80hr ;

VANKIRK =20hr ; Raki =8hr ;

41=34\$K ;

EE//EM =40hr ; EE//SM =40hr ; POWERS  
EE//TB =240hr ; POWERS

EE//EM =48hr ; EE//SM =80hr ;  
EE//TB =160hr ;

###### 412 - Experimental AC Power Systems

412-1-2	D-site Pulsed AC Power Distr-Dsn	02OCT06*	128	09APR07	09APR07	236		0.00	11,605.20				
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VANKIRK =40hr ; Raki =40hr ;

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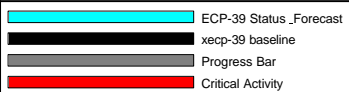
0602

**NCSX**  
 Status through MARCH 1st  
 ECP-39 Baseline

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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	FY			
										FY06	FY07	FY08	FY09
412-1-4	D-site Pulsed AC Power Distr-Procure	10APR07	125	04OCT07	04OCT07	236		0.00	6,860.44				
412-1-6	D-site Pulsed AC Power Distr-Install	05OCT07	40	03DEC07	03DEC07	236		0.00	18,215.68				
412-1-8	D-site Pulsed AC Power Distr-Commission	04DEC07	40	05FEB08	05FEB08	236		0.00	10,866.80				
										41=05\$K ; EE//EM =16hr ; EE//SM =64hr ; EE//TB =80hr ; EE//EM =24hr ; EE//SM =24hr ; EE//TB =40hr ;			
FY05CV-34	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			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>													
431-200	Condition/spare parts inventory	01OCT04A	371*	31MAR06	31MAR06	888	95	16,852.08	17,739.04				
431-210	Organize & verify documentation	01OCT04A	371*	31MAR06	31MAR06	888	95	43,123.43	45,393.09				
431-215	Document status	01OCT04A	371*	31MAR06	31MAR06	888	90	5,753.57	6,392.85				
431-225	Reactivate DF & PEI units	01JUL05A	433*	28MAR07	31MAR06	641	90	10,984.35	12,204.83				
431-230	Load test	01JUL05A	433*	28MAR07	31MAR06	641	90	14,833.98	16,482.20				
431-240	Simulate each of 6 pwr loops in PSCAD	01MAR06*	270*	28MAR07	31MAR06	641		0.00	13,578.04				
431-250	c-site dc sys DGS dsn documentation	01MAR06*	270*	28MAR07	31MAR06	641		0.00	7,393.79				
431-260	Power loop design	01NOV04A	350*	23DEC05A	31MAR06		100	111,112.40	111,112.40				
431-261	Redo power loop design	01MAR06*	208*	22DEC06		703		0.00	0.00				
431-265	Fabricate bus components	04AUG06*	55	20OCT06	29JUN06	746		0.00	17,705.39				
431-275	Power cabling & Installation	02OCT06*	121	29MAR07	29MAR07	492		0.00	214,510.20				
431-276	Maint of C-site rectifiers	03OCT05A	249*	29SEP06		761	10	0.00	0.00				
										hatcher=24;cropper=120 raki=104;cropper=64;nelson=200 raki=40 Hatcher=16;cropper=24;wisowaty=80 Hatcher=40;mg wisowaty=120 Hatcher=80 raki=16;jones=40 raki=16;ee//sm=40;ee//tb=120 raki=40;ee//sm=240;ee//tb=520 powers=90;m&s=7 unfunded EAC=\$22k			
FY05CV-35	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			69,000.00	69,000.00				
<b>44 - Control and protection Systems</b>													
<b>Job: 4401 - Control &amp; Protection-RAMAKRISHNAN</b>													
<b>441 - Electrical Interlocks</b>													
441-095	Design Interlock sys	03OCT06*	118	27MAR07	27MAR07	224		0.00	32,679.20				
441-097	Install Interlock sys	28MAR07	119	13SEP07	13SEP07	309		0.00	29,272.00				
441-100	PLC Specification	28MAR07	85	26JUL07	26JUL07	224		0.00	14,118.32				
441-105	Prep Block diagrams	28MAR07	85	26JUL07	26JUL07	224		0.00	17,224.40				
441-110	PLC CWD's & Cabling	27JUL07*	85	23NOV07	23NOV07	224		0.00	22,685.24				
441-115	deliver PLC	27JUL07*	85	23NOV07	23NOV07	472		0.00	70,250.00				
441-120	Program PLC Logic	26NOV07	45	06FEB08	06FEB08	427		0.00	23,004.80				
441-125	Program Control pages	26NOV07	97	18APR08	18APR08	375		0.00	24,097.84				
441-130	Pre-commissioning tests	14SEP07	214	23JUL08	23JUL08	309		0.00	24,377.02				
441-135	Install I/O Cabling	26NOV07	248	20NOV08	20NOV08	224		0.00	119,268.19				
<b>442 - Kirk Key Interlocks</b>													
442-1-2	Kirk Keys-Dsn	02OCT06*	41	29NOV06	29NOV06	290		0.00	16,339.60				
										raki=80;vankirk=160 raki=80;ee//sm=120 raki=40;cropper=56 raki=40;cropper=80 marsala=40;cropper=120 M&S=50 lawson=40;cropper=120 schneider=32;cropper=120;sichta=16 raki=40;cropper=120;M&S=1 raki=120;ee//sm=80;Powers=30 k ea//sm=160;ee//tb=160;41=\$8k EA//DM =80hr ; EE//EM =40hr ;			

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NCSX  
Status through MARCH 1st  
ECP-39 Baseline

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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Fiscal Year				
										FY06	FY07	FY08	FY09	
442-1-4	Kirk Keys-Procure	30NOV06	158	19JUL07	19JUL07	290		0.00	13,710.00					
442-1-6	Kirk Keys-Install	20JUL07	40	14SEP07	14SEP07	290		0.00	44,123.84					
442-1-8	Kirk Keys-Commission	01OCT07	30	09NOV07	09NOV07	290		0.00	7,202.24					
<b>443 - Real Time Control Systems</b>														
443-1-2	Develop Control Algorithms-Dsn	23APR07*	142	09NOV07	09NOV07	274		0.00	13,819.68					
<b>444 - Instrument Systems</b>														
444-2-2	DC Potential Transducers (DCPTs)-Dsn	02OCT06*	95	21FEB07	21FEB07	466		0.00	11,224.08					
444-2-4	DC Potential Transducers (DCPTs)-Procure	22FEB07	109	26JUL07	26JUL07	466		0.00	8,226.00					
444-2-6	DC Potential Transducers (DCPTs)-Install	27JUL07	51	08OCT07	08OCT07	466		0.00	19,328.29					
444-2-8	DC Potential Transducers	09OCT07	40	05DEC07	05DEC07	466		0.00	12,588.60					
444-3-2	DC Shunts-Dsn	02OCT06*	122	30MAR07	30MAR07	463		0.00	16,339.60					
444-3-4	DC Shunts-Procure	02APR07	101	22AUG07	22AUG07	463		0.00	61,695.00					
444-3-6	DC Shunts-Install	23AUG07	51	02NOV07	02NOV07	463		0.00	55,304.86					
444-3-8	DC Shunts-Commission	05NOV07	24	10DEC07	10DEC07	463		0.00	17,754.00					
444-4-2	Signal Conditioning & Cabling-Dsn	01JUL05A	165*	28FEB07	28FEB07	454	15	6,311.87	42,079.11					
444-4-4	Signal Conditioning & Cabling-Procure	01JUL05A	511*	18JUL07	18JUL07	454	15	2,428.08	16,187.17					
444-4-6	Signal Conditioning & Cabling-Install	15AUG07	68	19NOV07	19NOV07	454		0.00	27,988.59					
444-4-8	Signal Conditioning & Cabling-Commission	20NOV07	22	21DEC07	21DEC07	454		0.00	17,226.72					
<b>445 - Coil Protection Systems</b>														
445-1-2	Ground Fault Protection-Dsn	02OCT06*	82	02FEB07	02FEB07	407		0.00	34,815.60					
445-1-4	Ground Fault Protection-Procure	27NOV06*	130	05JUN07	05JUN07	321		0.00	24,678.00					
445-1-6	Ground Fault Protection-Install	06JUN07*	40	01AUG07	01AUG07	321		0.00	23,142.56					
445-1-8	Ground Fault Protection-Commission	30AUG07	20	27SEP07	27SEP07	321		0.00	9,911.12					
445-2-0	Overload Protection & Cabling-Prelim Dsn	01MAR04A	272	30SEP04A	30SEP04A			1,054.90	1,054.90					
445-2-105	Overload Protect-Write spec and approve	01DEC06*	20	05JAN07	05JAN07	470		0.00	13,741.60					
445-2-110	Overload Protect-Design	08JAN07	80	27APR07	27APR07	480		0.00	74,788.80					
445-2-115	Overload Protect-Fabr 4 chassis 120 modls	30APR07*	79	20AUG07	20AUG07	480		0.00	70,309.68					
445-2-120	Overload Protect-Test 4 units	21AUG07	20	18SEP07	18SEP07	480		0.00	24,095.20					
445-2-125	Overload Protect-Install & Rack wiring	19SEP07	20	16OCT07	16OCT07	480		0.00	46,195.73					
445-2-130	Overload Protect-Write & perform ISTP	17OCT07	20	13NOV07	13NOV07	480		0.00	24,744.00					
445-2-135	Overload Protect-Documentation	08JAN07*	180	19SEP07	19SEP07	519		0.00	25,808.40					
445-2-140	Overload Protection&cabling design,procure	01DEC06*	249	27NOV07	27NOV07	470		0.00	144,022.27					
FY05CV-36	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			49,000.00	49,000.00					

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ECP-39 Status\_Forecast  
 xecp-39 baseline  
 Progress Bar  
 Critical Activity

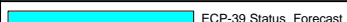



0602

**NCSX**  
**Status through MARCH 1st**  
**ECP-39 Baseline**

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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)				
										FY06	FY07	FY08	FY09
<b>45 - Power System Design and Integration</b>													
<b>Job: 4501 - Power Sys Dsn &amp; Integr-RAMAKRISHNAN</b>													
<b>Prior Costs</b>													
4501-001	Apr-Sept MIE Cost	01APR03A	43*	30SEP03A	30SEP03A		100	112,340.00	112,340.00				
<b>451 - System Design &amp; Interfaces</b>													
4501-100	Design Drawings	02FEB04A	193*	30SEP04A	30SEP04A		100	19,807.80	19,807.80				
4501-110	Calculations-FY04	01MAR04A	151*	30SEP04A	30SEP04A		100	0.00	0.00				
451-0-1	C-Site Decision	30APR04A	0	30APR04A	30APR04A		100	0.00	0.00				
451-7-2	FDR DC transmission-Dsn	01MAY04A	0*	28MAY04A	28MAY04A		100	10,084.00	10,084.00				
451-7-20	FDR DC transmission		0	28MAY04A	28MAY04A		100	0.00	0.00				
451-0-2	Develop SRD	01MAR06	21	29MAR06	31OCT05	890		0.00	0.00				
451-3-2	Dwgs,asbluts -Elect Dsn	02OCT06*	500*	30SEP08	30SEP08	261		0.00	166,541.26	Jones 1040hr ; Raki =2			
451-2-1	CDR Power system -Dsn	01DEC04A	208*	31AUG05A	31AUG05A		100	41,299.20	41,299.20				
451-2-2	PDR Power system -Dsn	01MAR06*	20	28MAR06	01DEC05	719		0.00	45,427.20	vankirk=160;raki=160			
451-6-2	FDR C-Site -Cabling	01SEP05A	143*	31MAR06	30NOV05	888 2		672.31	33,615.74	VANKIRK =120hr ; Raki =120hr ;			
451-2-2.1	FDR C-Site	01NOV05A	270*	30NOV06	30NOV06	719 2		683.91	34,195.59	VANKIRK =120hr ; Raki =120hr ;			
451-4-2	FDR AC auxiliaries & grounding-Dsn	02JUL07*	45	04SEP07	04SEP07	530		0.00	11,605.20	VANKIRK =40hr ; Raki =40hr ;			
451-1-2	Calculations-Dsn	01MAR06*	399*	28SEP07	28SEP07	512		0.00	55,462.96	Raki =320hr ; design=8			
<b>452 - Electrical Systems Support</b>													
452-1-2	Diagnostics AC Power Distr-Dsn	03OCT06*	72	22JAN07	22JAN07	186		0.00	89,492.00	EA/DM =640hr ; Raki =80hr ;			
452-1-4	Diagnostics AC Power Distr-Procure	23JAN07	182	08OCT07	08OCT07	186		0.00	1,372.12	41=01\$K ;			
452-1-6	Diagnostics AC Power Distr-Install	09OCT07	105	13MAR08	13MAR08	186		0.00	79,841.60	EE//EM =80hr ; EE//SM =80hr ; EE//TB =640hr ;			
452-1-8	Diagnostics AC Power Distr-Commission	19MAR08	37	08MAY08	08MAY08	186		0.00	31,462.80	EE//EM =40hr ; EE//SM =80hr ; EE//TB =160hr ;			
452-2-2	Diagnostics sensor cabling-Dsn	03OCT06*	61	05JAN07	05JAN07	234		0.00	25,808.40	EA/DM =160hr ; Raki =40hr ;			
452-2-4	Diagnostics sensor cabling-Procure	08JAN07	185	26SEP07	26SEP07	234		0.00	2,742.00	41=02\$K ;			
452-2-6	Diagnostics sensor cabling-Install	27SEP07	65	07JAN08	07JAN08	234		0.00	22,242.90	EE//EM =24hr ; EE//SM =32hr ; EE//TB =160hr ;			
452-2-8	Diagnostics sensor cabling-Commission	08JAN08	40	03MAR08	03MAR08	234		0.00	6,292.56	EE//EM =08hr ; EE//SM =16hr ; EE//TB =32hr ;			
<b>453 - System Testing (PTP's)</b>													
453-1-2	New Procedures	06OCT06*	90	20FEB07	20FEB07	345		0.00	69,631.20	EA/DM =240hr ; EE//EM =240hr ;			
453-1-4	Preop Testing-Procure test equipt	21FEB07*	160	05OCT07	05OCT07	345		0.00	34,301.56	41=25\$K ;			
453-1-8	Testing PTPs, ISTOPs	19OCT07*	100	18MAR08	18MAR08	236		0.00	213,785.76	EE//SM =240hr ; EE//TB =376hr ; ee//e			
FY05CV-37	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			-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	Apr-Sept MIE Cost	01APR03A	43*	30SEP03A	30SEP03A		100	1,300.00	1,300.00				

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	ECP-39 Status_Forecast
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**NCSX**  
**Status through MARCH 1st**  
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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)					
										FY06	FY07	FY08	FY09	
<b>5 - Central I&amp;C Systems</b>														
<b>51 - TCP/IP Infrastructure Systems</b>														
<b>Job: 5101 - TCP/IP Infrastructure Systems</b>														
51-10	Preliminary Design (Title I)	01OCT07*	45	04DEC07	04DEC07	239		0.00	6,260.40					
51-20	Final Network Design (Title II)	05DEC07	20	09JAN08	09JAN08	239		0.00	6,260.40					
51-30	Installation, Testing, Documentation (Title III)	10JAN08	120	26JUN08	26JUN08	239		0.00	267,865.10	EA//DM =160hr ; EC//EM =220hr ; EE//SM =740hr ; 41=82\$ <b>k</b> ; EC//EM =40hr ; EC//EM =40hr ;				
<b>52 - Central Instrumentation &amp; Control</b>														
<b>5201 - I&amp;C Systems</b>														
52-10	Preliminary Design (Title I)	04SEP07*	45	05NOV07	05NOV07	138		0.00	22,288.16					
52-20	Final Design (Title II)	06NOV07	87	17MAR08	17MAR08	138		0.00	54,935.01					
52-30	Installation, Testing, Documentation (Title III)	18MAR08	173	18NOV08	18NOV08	138		0.00	452,889.24	EC//SM =600hr ; EC//EM =1172hr ; 41=139\$ <b>k</b> ; EC//EM =144hr ; EC//EM =351hr ;				
<b>53 - Data Acquisition &amp; Facility Computing</b>														
<b>5301 - Data Acquisition</b>														
53-10	Preliminary Design (Title I)	04SEP07*	45	05NOV07	05NOV07	160		0.00	26,312.41					
53-20	Final Design (Title II)	06NOV07	65	14FEB08	14FEB08	160		0.00	51,648.30					
53-30	Coding, Configuration, Testing (Title III)	15FEB08	173	17OCT08	17OCT08	160		0.00	251,112.12	EC//EM =170hr ; EC//EM =330hr ; EC//EM =1,080hr ; 41=57.7\$ <b>k</b> ;				
<b>54 - Facility Timing &amp; Synchronization</b>														
<b>Job: 5401 - Facility Timing &amp; Synchronization</b>														
54-10	Preliminary Design (Title I)	02OCT07*	45	05DEC07	05DEC07	178		0.00	18,624.69					
54-20	Final Design (Title II)	06DEC07	65	13MAR08	13MAR08	178		0.00	21,285.36					
54-30	Installation, Testing, Documentation (Title III)	14MAR08	135	23SEP08	23SEP08	178		0.00	155,913.06	EC//SM =700hr ; EC//EM =306hr ; 41=19\$ <b>k</b> ; EC//EM =119hr ; EC//EM =136hr ;				
<b>55 - Real Time Plasma &amp; Power Supply Control Sys</b>														
<b>5501 - Real Time Control System</b>														
55-10	Preliminary Design (Title I)	02OCT07*	45	05DEC07	05DEC07	238		0.00	12,520.80					
55-20	Final Design (Title II)	06DEC07	20	10JAN08	10JAN08	238		0.00	12,520.80					
55-30	Installation, Testing, Documentation (Title III)	11JAN08	120	27JUN08	27JUN08	238		0.00	154,289.80	EC//EM =480hr ; EC//SM =500hr ; 41=15\$ <b>k</b> ; EC//EM =80hr ; EC//EM =80hr ;				
<b>56 - Central Safety Interlock Systems</b>														
<b>Job: 5601 - Central Safety Interlock Systems</b>														
56-10	Preliminary Design (Title I)	02OCT07*	87	11FEB08	11FEB08	183		0.00	21,285.36					
56-20	Final Design (Title II)	12FEB08	45	14APR08	14APR08	183		0.00	21,285.36					
56-30	Installation, Testing, Documentation (Title III)	15APR08	108	16SEP08	16SEP08	183		0.00	282,928.13	EC//EM =663hr ; EE//SM =1,200hr ; 41=14\$ <b>k</b> ; EC//EM =136hr ; EC//EM =136hr ;				

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**NCSX**  
Status through MARCH 1st  
ECP-39 Baseline

Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Fiscal Year			
										FY06	FY07	FY08	FY09
<b>57 - Control Room Facility</b>													
<b>Job: 5701 - Control Room Facility</b>													
57-10		01MAR06	0	28FEB06	30SEP05	911		0.00	0.00				
<b>58 - Central I&amp;C management and Integration</b>													
<b>Job: 5801 -Central I&amp;C Integr &amp; Oversight-SICHTA</b>													
51-00	FY03	01APR03A	250*	30SEP03A	30SEP03A		LOE	11,900.00	11,900.00				
51-01	FY04 LOE support	01OCT03A	250*	30SEP04A	30SEP04A		LOE	16,000.00	16,000.00				
51-02	FY05 LOE support	01OCT04A	249*	30SEP05A	30SEP05A		LOE	12,462.26	12,462.26				
FY05CV-38	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			-7,000.00	-7,000.00				
<b>6 - Facility Systems</b>													
<b>61 - Water Systems</b>													
<b>Job:6101 - Water Systems</b>													
<b>613 - Vacuum Pumping System</b>													
623.011	Design WBS 612	01NOV07*	59	01FEB08	01FEB08	210		0.00	24,290.40				em//em=80; ea//dm=80
623.013	FDR WBS 612		0	01FEB08	01FEB08	210		0.00	0.00				em//em=80; em//tb=288; 41=\$20.5k
632.021	WBS 612 Assembly/Fabrication/Installation	04FEB08	40	28MAR08	28MAR08	210		0.00	67,981.38				
<b>613 - Vacuum Pumping System</b>													
623.012	PDR WBS 612	17DEC07	0			239		0.00	0.00				
<b>62 - Cryogenic Systems</b>													
<b>Job: 6201 - Cryogenic Systems</b>													
<b>621 - LN2-LHe Supply System</b>													
631-001	Preliminary Design	02JUL07*	65	02OCT07	02OCT07	252		0.00	15,792.79				EM//EM =89hr ;
631-010	Final Design**reduced scope	03OCT07	65	11JAN08	11JAN08	252		0.00	18,149.92				EM//EM =89hr ; EA//DM =176-160=16hr
631-020	Procurement **reduced scope	14JAN08	88	14MAY08	14MAY08	252		0.00	123,078.00				41=88\$K -51.4=36.6 ;
631-015	Fab/Assy/Installation**reduced scope	10MAR08	65	09JUN08	09JUN08	252		0.00	71,991.50				EM//EM =89hr ; EM//SM =140-116=24hr ; EM//TB =580-170=410hr ;
<b>622 - LN2 Coil Cooling Supply</b>													
632-001	**deleted scope	01MAR06	0	28FEB06	30SEP05	911		0.00	0.00				
<b>623 - GN2 Cryostat Cooling System</b>													
633-001	Preliminary Design	02JUL07*	40	27AUG07	27AUG07	262		0.00	15,779.70				EM//EM =89hr ;
633-020	Procurement	14NOV07	130	23MAY08	23MAY08	262		0.00	112,329.75				41=80\$K ;
633-010	Final Design	28AUG07	55	13NOV07	13NOV07	262		0.00	25,644.50				EM//EM =89hr ; EA//DM =80hr ;
633-015	Fab/Assy/Installation	23JAN08	88	23MAY08	23MAY08	262		0.00	72,266.88				EM//EM =89hr ; EM//TB =656hr ;
<b>63 - Utility Systems</b>													
<b>Job: 6301 - Utility Systems</b>													
640.011	Design GN2, Air & Vent Systems	01OCT07*	59	01JAN08	01JAN08	251		0.00	34,014.40				em//em=80; ea//dm=160
640.021	Assembly/Fabrication	02JAN08	40	26FEB08	26FEB08	251		0.00	72,889.52				em//em=48; em//tb=458; 41=\$17.40k

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ECP-39 Status\_Forecast  
 xecp-39 baseline  
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 Status through MARCH 1st  
 ECP-39 Baseline

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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Fiscal Year			
										FY06	FY07	FY08	FY09
<b>64 - PFC/VV Heating &amp; Cooling*ELIMINATED*</b>													
<b>Job: 6401 - PFC/VV Heating &amp; Cooling</b>													
650.001	Eliminated scope	01MAR06	0	28FEB06	30SEP05	911		0.00	0.00				
<b>65 - Facility Systems Integration</b>													
<b>Job: 6163 - Facility Systems Support FY04</b>													
65-03	LOE WBS 6	01OCT03A	250*	30SEP04A	30SEP04A		LOE	15,000.00	15,000.00				
<b>Job: 6501 - Facility Systems Integration-DUDEK</b>													
<b>Prior Costs</b>													
6501-001	Apr-Sept MIE Cost PPPL	01APR03A	0	30SEP03A	30SEP03A		100	9,380.00	9,380.00				
<b>7 - Test Cell Preparation and Machine Assy</b>													
<b>71 - Shield Wall Seismic Modifications</b>													
<b>Job: 7101 - Shield Wall Modif Design-PERRY</b>													
<b>Prior Costs</b>													
7101-000	Apr-Sept MIE Cost PPPL	01APR03A	66	30SEP03A	30SEP03A		100	32,150.00	32,150.00				
<b>72 - Control Room Refurbishment</b>													
<b>Job: 7201 - Control Room Walls&amp;Floors-PERRY</b>													
710.001	Install Wall east side control room	02OCT06*	24	02NOV06	02NOV06	719		0.00	0.00				
711B.050	Complete Control Room Flooring	03NOV06*	18	30NOV06	30NOV06	719		0.00	9,097.92				
<b>73 - Platform Design &amp; Fabrication</b>													
<b>Job: 7301 - Platform Design &amp; Fab-PERRY</b>													
712.008	Update Platform Specification	01JUN05A	0*	30JUN05A	30JUN05A		100	6,416.80	6,416.80				
712.010	Final Design	02MAY05A	43*	30JUN05A	30JUN05A		100	53,163.80	53,163.80				
711A.040	Platform nut plates	01APR05A	187*	22DEC06	22DEC06	703	90	26,209.21	29,121.34				
712.020	Platform Parts	02OCT06*	22	31OCT06	31OCT06	743		0.00	25,591.00				
712.030	Miscs Hardware/Material	01JUL05A	83*	31OCT06	31OCT06	393	80	36,414.50	45,518.13				
FY05CV-39	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			-50,000.00	-50,000.00				
<b>74 - Machine Assembly Planning and Oversight</b>													
<b>Job: 7401 - TC Prep &amp; Mach Assy Planning-PERRY</b>													
<b>Oversight and Supervision</b>													
711A.020	LOE FY04	01OCT03A	256*	30SEP04A	30SEP04A		LOE	148,582.46	148,582.46				
<b>Prior Costs</b>													
7401-001	Apr-Sept MIE Cost PPPL	01APR03A	66	30SEP03A	30SEP03A		100	164,000.00	164,000.00				
<b>Project Scope</b>													
714.010	LOE FY05	01OCT04A	249*	30SEP05A	30SEP05A		LOE	109,972.42	109,972.42				
714.020	LOE FY06 prior to assy starting	02OCT06*	187*	02JUL07	02JUL07	574		0.00	53,510.98				
714.030	LOE FY07 thru first plasma	02JUL07*	444*	31MAR09	31MAR09	131		0.00	877,620.95				

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

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

perry=1851;langella=1851

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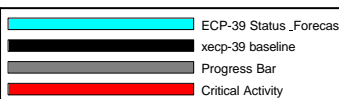
ECP-39 Status \_Forecast  
 xecp-39 baseline  
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 Status through MARCH 1st  
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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	FY					
										FY06	FY07	FY08	FY09		
<b>FED/Infrastructure Support (non Project cost)</b>															
613.010	Remove Shield Walls ** GPP **	01APR04A	64*	22JUN04A	22JUN04A		100	0.00	0.00						
613.015	Fabricate New Bottom Course of Blocks	01APR04A	207*	31JAN05A	31JAN05A		100	0.00	0.00						
613.017	Install New Bottom Course **GPP**	01AUG05A	0*	31AUG05A	31AUG05A		100	0.00	0.00						
613.020	Remove south PLT shielding (cc 7230)	01JUN04A	0*	22JUN04A	22JUN04A		100	0.00	0.00						
613.025	Dispose of old south PLT shielding **GPP**	01AUG04A	0*	31AUG04A	31AUG04A		100	0.00	0.00						
EXFAC003	Clear PBX control room & Safe PBX (cc7230)	27JAN03A	110*	30JUN03A	30JUN03A		100	0.00	0.00						
EXFAC004	Remove Fire protection PLT wall (cc7230)	01MAY03A	21	09MAY03A	09MAY03A		100	0.00	0.00						
EXFAC005	Remove Fire Protection under platform	01APR03A	21	30APR03A	30APR03A		100	0.00	0.00						
EXFAC006	Remove Fire Protection Control rm	01MAY03A	21	09MAY03A	09MAY03A		100	0.00	0.00						
EXFAC007	Remove PBX Base Plates cc7230)	25FEB04A	48*	12MAR04A	12MAR04A		100	0.00	0.00						
GPP001	GPP-Upgarde C-Site central chilled wtr	01OCT02A	1	01OCT02A	01OCT02A		100	0.00	0.00						
GPP004	GPP-Roofing Design	01APR04A	291	31MAY05A	31MAY05A		100	0.00	0.00						
GPP004.1	GPP-Roofing Install	01MAY05A	0	31MAY05A	31MAY05A		100	0.00	0.00						
GPP005	GPP-Test Cell lighting Design	01APR04A	206*	31JAN05A	31JAN05A		100	0.00	0.00						
GPP005.1	GPP-Test Cell lighting Install ***TBD***	02MAY05A	0	31MAY05A	31MAY05A		100	0.00	0.00						
GPP006	GPP-Test Cell HVAC/dew point control	01MAR06	0	28FEB06	30SEP05	911		0.00	0.00						
GPP006.1	GPP-Test Cell HVAC/dew point control	01MAR06*	0	28FEB06	30SEP05	911		0.00	0.00						
GPP007	GPP-C-Site elevators Design	01MAR06*	0	28FEB06	30SEP05	911		0.00	0.00						
GPP007.1	GPP-C-Site elevators Install	01MAR06	0	28FEB06	30SEP05	911		0.00	0.00						
GPP008	GPP-Fire suppression high bay design*TBD*	01MAR06	0	28FEB06	30SEP05	911		0.00	0.00						
GPP008.1	GPP-Fire suppression high bay install*TBD*	01MAR06	0	28FEB06	30SEP05	911		0.00	0.00						
GPP009	Control Room Lights & Outlets design*TBD*	01MAR06	0	28FEB06	30SEP05	847		0.00	0.00						
GPP009.1	Control Room Lights & Outlets install*TBD*	01MAR06	0	28FEB06	30SEP05	847		0.00	0.00						
GPP010	Control Room HVAC Design **TBD**	01MAR06	0	28FEB06	30SEP05	847		0.00	0.00						
GPP010.1	Control Room HVAC Install **TBD**	01MAR06	0	28FEB06	30SEP05	847		0.00	0.00						
GPP011	Control Room Ceiling Design	01OCT07*	64	08JAN08	10JAN06	384		0.00	0.00						
GPP011.1	Control Room Ceiling Install	09JAN08	64	07APR08	10APR06	384		0.00	0.00						
GPP012	Control Rm Fire Detection & Suppression	01MAR06*	0	28FEB06	30SEP05	783		0.00	0.00						
GPP012.1	Control Rm Fire Detection & Suppression	01OCT07*	64	08JAN08	10JAN06	384		0.00	0.00						
<b>Test Cell Modifications &amp; Upgrades</b>															
714.020X	TC power instl	01AUG05A	436*	30SEP05A	30SEP05A			63,673.65	63,673.65						
613.030	Test Cell copper ground plane cuts	01JUL05A	152*	29SEP06	29SEP06	765	80	8,600.16	10,750.20						
713.010	General procurements	02APR05A	128*	30SEP05A	30SEP05A		LOE	19,215.00	19,215.00						
7502-000	Outlet Design	02FEB04A	107*	30JUN04A	30JUN04A		100	25,272.00	25,272.00						
7502-001	Test Cell 110v outlets	01APR05A	214*	29SEP06	29SEP06	761	70	12,805.56	18,293.65						
7502-002	Test Cell 208v outlets	01APR05A	214*	29SEP06	29SEP06	761	70	6,402.78	9,146.83						

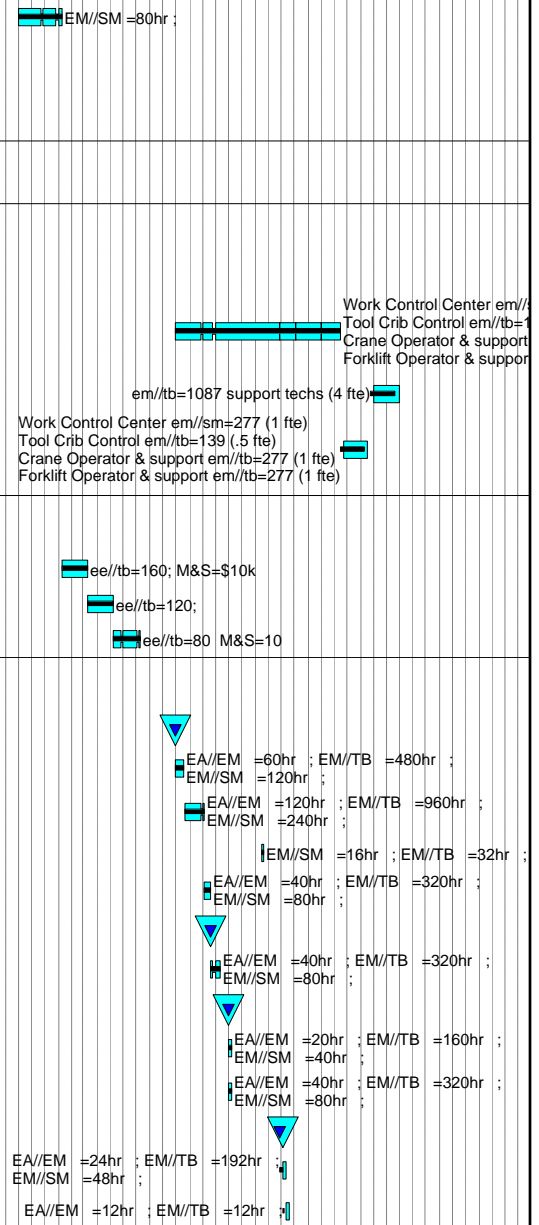
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Status through MARCH 1st  
ECP-39 Baseline

Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	FY				
										FY06	FY07	FY08	FY09	
7502-003	Install 480v power in test cell	01SEP05A	0*	30SEP05A	30SEP05A		100	0.00	0.00					
7502-004	Install 120v panels in test cell	01SEP05A	0*	30SEP05A	30SEP05A		100	0.00	0.00					
7502-010	Ready Rooms (under control room) 110v	02OCT06*	65	10JAN07	10JAN07	570		0.00	10,480.00					
7502-011	Cable Removal in test cell (S04335-32)	01OCT03A	0*	31OCT03A	31OCT03A		100	9,937.20	9,937.20					
7502-025	TC Floor penetration covers	03NOV03A	42	26NOV03A	26NOV03A		100	16,848.00	16,848.00					
EXFAC001.2	Complete Crane Modifications (S04354)	02FEB04A	0*	30JAN04A	30JAN04A		100	37,608.48	37,608.48					
FY05CV-40	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			178,000.00	178,000.00					
<b>75 - Test Cell and Basement Assembly Operations</b>														
<b>7501 - Construction Support Crew</b>														
7501-05	Construction Support Crew during machine assy	01OCT07*	260	13OCT08	13OCT08	164		0.00	861,133.69					
7501-06	Construction Support Crew during e-beam	02JAN09*	41	27FEB09	18FEB09	153		0.00	99,199.62					
7501-07	Construction Support Crew during cryostat instl	24OCT08*	40	18DEC08	09DEC08	204		0.00	103,081.21					
<b>7502 - Test Cell Facility Preparations</b>														
7502-020	Resurface TC floor	11JAN07*	42	09MAR07	09MAR07	570		0.00	34,670.00					
7502-030	TC Floor firesealing	12MAR07	42	08MAY07	08MAY07	570		0.00	15,720.00					
7502-035	Control room firesealing	09MAY07	42	09JUL07	09JUL07	570		0.00	24,190.00					
<b>7503 - Machine Assembly</b>														
<b>Revised Assembly Logic (ecp18)</b>														
7503-010	Begin Assembly Activities	01OCT07*	0			164		0.00	0.00					
7503-020	Install & Level Support Base Plates	01OCT07	15	19OCT07	19OCT07	225		0.00	68,122.20					
7503-030	Install/Level FPA's and Spool Piece supports	22OCT07	30	04DEC07	04DEC07	225		0.00	136,244.40					
7503-060	Install Lower PF 4,5&6 into prelim position	18APR08	2	21APR08	21APR08	148		0.00	4,887.04					
7503-070	Install 3 Spool Pieces on fixt & test movement	05DEC07	10	18DEC07	18DEC07	225		0.00	45,414.80					
7503-080	FPA-1 Installed on support platform		0	18DEC07	18DEC07	225		0.00	0.00					
7503-090	Install local Platforms around FPA-1	19DEC07	10	10JAN08	10JAN08	226		0.00	45,414.80					
7503-110	FPA-2 Installed on support platform		0	31JAN08	30JAN08	200		0.00	0.00					
7503-120	Test movement of FPA-1& -2 & position	01FEB08	5	07FEB08	06FEB08	200		0.00	22,707.40					
7503-130	Install local Platforms around FPA-2	01FEB08	3	05FEB08	04FEB08	208		0.00	45,414.80					
7503-150	FPA-3 Installed on support platform		0	04JUN08	26MAY08	116		0.00	0.00					
7503-160	Position all FPA's / Spool Pieces @ MC	05JUN08	6	12JUN08	03JUN08	116		0.00	27,248.88					
7503-170	FPA Metrology Checks to Assure Alignment	13JUN08	3	17JUN08	06JUN08	116		0.00	3,217.32					



Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Fiscal Year				
										FY06	FY07	FY08	FY09	
7503-190	Install local Platforms around FPA-3	18JUN08	10	01JUL08	20JUN08	116		0.00	45,414.80					
7503-180	MC Interfaces: shim, ream holes ,bolt together	02JUL08	15	22JUL08	11JUL08	116		0.00	88,632.60					
7503-200	Mate-up and weld all VV-to-Spool interfaces	23JUL08	15	12AUG08	01AUG08	116		0.00	77,673.60					
7503-240	Bolt on preassembled pump duct	13AUG08	5	19AUG08	08AUG08	116		0.00	19,054.40					
7503-240.1	Install insulation boots	20AUG08	10	02SEP08	22AUG08	116		0.00	27,347.20					
7503-240.2	Install insulation	03SEP08	3	05SEP08	27AUG08	116		0.00	6,153.12					
7503-250	Begin Vac Vsl Pumpdown	08SEP08	0			116		0.00	0.00					
PUMP DOWN OF VACUUM VESSEL DOE LEVEL 2 MILESTONE PEP DATE = FEBRUARY 2009														
7503-260	PTP Pumpdown & leak check VV	08SEP08	10	19SEP08	10SEP08	116		0.00	51,782.40					
7503-210	Fit-up all TF coils	13AUG08	10	26AUG08	15AUG08	122		0.00	59,088.40					
7503-270	Raise lower PF 4,5&6 coils into final position	27AUG08	6	03SEP08	25AUG08	122		0.00	27,248.88					
7503-280	Install Upper PF 4,5 & 6 coils	04SEP08	6	11SEP08	02SEP08	122		0.00	27,248.88					
7503-290	Install PF Solenoid into position (U/L PF1,2,3)	22SEP08	4	25SEP08	16SEP08	116		0.00	18,165.92					
7503-310	Complete LN2 connections	26SEP08	10	09OCT08	30SEP08	126		0.00	39,919.28					
7503-320	Complete Elect Pwr connections	26SEP08	20	23OCT08	14OCT08	116		0.00	109,539.28					
7503-321	Complete mag diag & machine I&C	26SEP08	20	23OCT08	14OCT08	116		0.00	51,689.68					
7503-330	Begin Cryostat Installation	24OCT08	0			116		0.00	0.00					
BEGIN CRYOSTAT INSTALLATION DOE LEVEL 2 MILESTONE PEP DATE = APRIL 2009														
7503-340	Install Cryostat Base, vapor barrie& port boots	24OCT08	10	06NOV08	28OCT08	116		0.00	40,695.20					
7503-350	Install Cryostat upper section,VB and port	07NOV08	10	20NOV08	11NOV08	116		0.00	40,695.20					
7503-360	Install Midplane Cryostat sections and port	21NOV08	15	11DEC08	02DEC08	116		0.00	61,042.80					
7503-370	Install Cryostat Circulation Duct	12DEC08	5	18DEC08	09DEC08	116		0.00	20,347.60					
730.8200Z	PTP and Cooldown (dup of 730.8200)	19DEC08	10	01JAN09	23DEC08	194		0.00	0.00					
730.1248	ACC Review	14NOV08	20	11DEC08	02DEC08	116		0.00	0.00					
730.1249	PSO Operational Readiness Assessment	12DEC08	5	18DEC08	09DEC08	116		0.00	0.00					
730.1250	PSO Operational Readiness Assessment		0	18DEC08	09DEC08	116		0.00	0.00					
COMPLETE OPERATIONAL READINESS ASSESSMENT DOE LEVEL 2 MILESTONE PEP DATE = JUNE 2009														
730.8200	PTP and Cooldown	19DEC08	10	01JAN09	23DEC08	116		0.00	70,850.40					
<b>76 - Tooling Design &amp; Fabrication</b>														
<b>Job: 7601 - Tooling Design &amp; Fabrication</b>														
713.020	Lab Fab/Assy/Installation	01OCT07*	341*	30JAN09	30JAN09	173		0.00	32,743.91					
713.030	Tooling,assy fixtures,misc equipt	01OCT07*	341*	30JAN09	30JAN09	173		0.00	84,841.94					

Run Date 14MAR06 13:40

█ ECP-39 Status \_Forecast  
█ xecp-39 baseline  
█ Progress Bar  
█ Critical Activity

0602

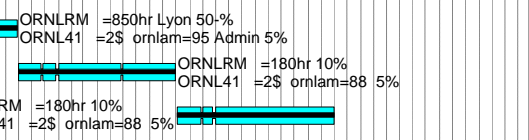
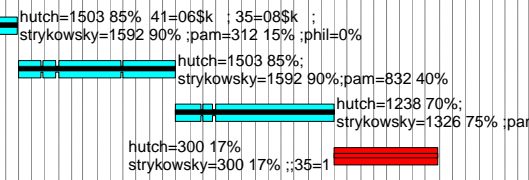
**NCSX**  
**Status through MARCH 1st**  
**ECP-39 Baseline**

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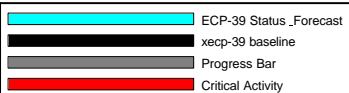


Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days=1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Year			
										FY06	FY07	FY08	FY09
713.040	General procurements	01OCT07*	341*	30JAN09	30JAN09	173		0.00	63,631.45				
713.050	Welding tools, materials & equip	01OCT07*	341*	30JAN09	30JAN09	173		0.00	56,561.29				
<b>8 - Project Oversight and Support</b>													
<b>81 - Project Management and Control</b>													
<b>Job: 8101 - Project Management &amp; Control-NEILSON</b>													
<b>FY04 Actual Cost</b>													
M-0110	CD-2		0	03FEB04A	03FEB04A			0.00	0.00				
810.009	PDR Support	01OCT03A	3*	31OCT03A	31OCT03A		100	41,163.08	41,163.08				
M-0115	CD-3		0	16SEP04A	16SEP04A			0.00	0.00				
810.002	Project Management Office PPPL FY04	01OCT03A	256*	30SEP04A	30SEP04A		LOE	685,961.70	685,961.70				
810.002E	Project Management Office PPPL FY04	01OCT03A	256*	30SEP04A	30SEP04A		LOE	146,000.00	146,000.00				
<b>Prior Costs</b>													
810.001	Apr-Sept MIE Cost PPPL	01APR03A	129*	30SEP03A	30SEP03A		100	387,340.00	387,340.00				
810.003	Project Management Office PPPL FY05	01OCT04A	251*	30SEP05A	30SEP05A		LOE	696,116.95	696,116.95				
810.004	Project Management Office PPPL FY06	03OCT05A	250*	29SEP06	29SEP06	765	LOE	251,318.53	634,642.72				
810.005	Project Management Office PPPL FY07	02OCT06*	251*	28SEP07	28SEP07	514		0.00	662,100.12				
810.900	Project Management Office PPPL FY08	01OCT07*	253*	30SEP08	30SEP08	261		0.00	554,496.26				
810.909	Project Management Office PPPL FY09	01OCT08*	173*	29MAY09	29MAY09	88		0.00	132,273.00				
FY05CV-41	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			-3,000.00	-3,000.00				
<b>Job: 8102 - NCSX MIE Management ORNL-LYON</b>													
<b>FY04 Actual Cost</b>													
810.102	Project Management Office ORNL FY04	01OCT03A	256*	30SEP04A	30SEP04A		LOE	88,000.00	88,000.00				
<b>Prior Costs</b>													
810.101	Apr-Sept MIE Cost ORNL	01APR03A	129*	30SEP03A	30SEP03A		100	58,600.00	58,600.00				
810.103	Project Management Office ORNL FY05	01OCT04A	251*	30SEP05A	30SEP05A		LOE	95,368.98	95,368.98				
810.104	Project Management Office ORNL FY06	01OCT05A	250*	29SEP06	29SEP06	514	LOE	68,749.81	173,610.65				
810.104X	Project Management Office ORNL FY07	02OCT06	251*	28SEP07	28SEP07	514		0.00	50,514.32				
810.105X	Project Management Office ORNL FY08	02OCT07*	251*	29SEP08	29SEP08	262		0.00	36,664.00				
FY05CV-42	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			13,000.00	13,000.00				
<b>82 - Project Engineering</b>													
<b>Job: 8202 - Engr Mgmt &amp; Sys Eng Support-REIERSEN</b>													
<b>FY04 Actual Cost</b>													
820.002	LOE FY04	01OCT03A	256*	30SEP04A	30SEP04A		LOE	601,555.68	601,555.68				



Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	FY			
										FY06	FY07	FY08	FY09
8202-ECP16	ecp16	01OCT03A	256*	30SEP04A	30SEP04A		LOE	68,000.00	68,000.00				
<b>Prior Costs</b>													
820.110	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A	30SEP03A		100	295,530.00	295,530.00				
820.003	Proj engr FY05	01OCT04A	251*	30SEP05A	30SEP05A		LOE	469,631.02	469,631.02				
820.004	Proj engr FY06	03OCT05A	250*	29SEP06	29SEP06	765	LOE	174,622.35	440,965.54	wayne=1553 90%;35=5k;dudek=690 40% such=431 25%			
820.04X	Proj engr FY07	02OCT06*	248*	25SEP07	25SEP07	517		0.00	239,641.12	wayne=1036;35=5k;dudek=173 such=173			
820.004Z	Proj engr FY08	02OCT07*	249*	25SEP08	25SEP08	264		0.00	245,966.08	wayne=1036;35=5k;dudek=173 such=173			
820.005	Proj engr FY09	01OCT08*	173*	29MAY09	29MAY09	88		0.00	62,798.72	wayne=293 17%;35=3			
8205FY05	System Engr Support FY05	01OCT04A	251*	30SEP05A	30SEP05A		LOE	199,622.00	199,622.00				
8205FY06	Systems Engineering Support FY06	03OCT05A	250*	29SEP06	29SEP06	765	LOE	73,132.35	184,677.66	simmons=1061 60%			
FY05CV-44	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			-19,000.00	-19,000.00				
<b>Job: 8203 - Design Integration-BROWN</b>													
<b>FY04 Actual Cost</b>													
820.200	LOE FY04	01OCT03A	256*	30SEP04A	30SEP04A		LOE	247,570.20	247,570.20				
8203-ECP16	ecp16	01OCT03A	256*	30SEP04A	30SEP04A		LOE	125,000.00	125,000.00				
<b>Prior Costs</b>													
820.150	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A	30SEP03A		100	178,750.00	178,750.00				
8203FY05	Design Integration FY05 LOE	01OCT04A	251*	30SEP05A	30SEP05A			171,028.50	171,028.50				
8203-01	General Design Integration	01OCT04A	251*	30SEP05A	30SEP05A		LOE	0.00	0.00				
8203-02	Suprt interface aux sys dev&coolant/lead	01OCT04A	251*	30SEP05A	30SEP05A		LOE	0.00	0.00				
8203-03	Develop /maintain Pro/E model of NCSX	01OCT04A	251*	30SEP05A	30SEP05A		LOE	0.00	0.00				
8203-04	Support metrology efforts	01OCT04A	251*	30SEP05A	30SEP05A		LOE	0.00	0.00				
8203-06	Complt rvw of machine assembly approach	01MAR06*	4	06MAR06	06OCT05	912		0.00	0.00				
8203-07	Rvw cryostat & conventional magnet sys	01MAR06*	9	13MAR06	13OCT05	907		0.00	0.00				
8203-08	tollerance reqmnts for MCSuprt install fixt dwgs	01MAR06*	39	24APR06	28NOV05	877		0.00	0.00				
8203-09	Machine suprt dsn f/compatibility with assy	01MAR06*	12	16MAR06	18OCT05	904		0.00	0.00				
8203-10	Dynamic simul MC half period install fixt w/ Pro	01MAR06*	42	27APR06	01DEC05	874		0.00	0.00				
8203-11	Document NCSX Interlink& dwg control	01MAR06*	11	15MAR06	17OCT05	905		0.00	0.00				
8203-12	Update definition VV spool piece assy simul	01MAR06*	19	27MAR06	27OCT05	897		0.00	0.00				
8203FY06	Design Integration FY06	03OCT05A	250*	29SEP06	29SEP06	765	LOE	55,519.85	140,201.64	ea//sm=432 25% brown=518 30%			
8203FY07	Design Integration FY07	02OCT06*	252*	01OCT07	01OCT07	513		0.00	132,979.90	ea//sm=345 brown=518;			
FY05CV-45	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			-36,000.00	-36,000.00				

Run Date 14MAR06 13:40


  
 ECP-39 Status\_Forecast  
 xecp-39 baseline  
 Progress Bar  
 Critical Activity

0602

**NCSX**  
**Status through MARCH 1st**  
**ECP-39 Baseline**

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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Year			
										FY06	FY07	FY08	FY09
<b>Job: 8204 - Systems Analysis-BROOKS</b>													
<b>FY04 Actual Cost</b>													
820.174	LOE FY04	01OCT03A	172*	30SEP04A	30SEP04A		LOE	133,179.00	133,179.00				
8204.01	Assess magnetic material in test cell	02FEB04A	85*	28MAY04A	28MAY04A		100	37,080.00	37,080.00				
8204.02	Model effects local high MU regions on MCWF	01MAY04A	29	28MAY04A	28MAY04A		100	18,540.00	18,540.00				
<b>Prior Costs</b>													
820.173	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A	30SEP03A		100	44,620.00	44,620.00				
8204FY05	Systems Analysis FY05	01OCT04A	251*	30SEP05A	30SEP05A		LOE	256,633.25	256,633.25				
8204FY06	Systems Analysis FY06	03OCT05A	250*	29SEP06	29SEP06	765	LOE	89,261.45	225,407.70	brooks=1295 75%			
FY05CV-46	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			9,000.00	9,000.00				
<b>Job: 8205 - Dimensional Control Coordination</b>													
<b>Metrology</b>													
740.135	Gary Puhl subcontract for metrology support	30SEP05A	77	30SEP05A	30SEP05A			12,810.00	12,810.00				
METFY05	Dimensional control FY05 ECP24	01FEB05A	172*	30SEP05A	30SEP05A		LOE	96,648.84	96,648.84				
FY05CV-47	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			-20,000.00	-20,000.00				
METFY06R	Metrology for FP & machine assy FY06	03OCT05A	250*	29SEP06	29SEP06	765	LOE	74,965.58	189,307.03	raftoplous (measurement) 25%=415hrs stratton=707 hrs 40%			
METFY07R	Metrology for FP & machine assy FY07	03OCT06*	251*	01OCT07	01OCT07	513		0.00	74,115.10	raftoplous (measurement) 25%=415hrs			
METFY08R	Metrology for FP & machine assy FY08	03OCT07*	250*	29SEP08	29SEP08	262		0.00	75,799.75	raftoplous (measurement)			
<b>84 - Project Physics</b>													
<b>Job: 8401 - Project Physcis-ZARNSTORFF</b>													
<b>FY04 Actual Cost</b>													
840.202	Project Physics/Engr Analysis FY04	01OCT03A	256*	30SEP04A	30SEP04A		LOE	99,806.20	99,806.20				
840.203	Closeout cost FY04 ECP-21	01OCT03A	256*	30SEP04A	30SEP04A		LOE	14,000.00	14,000.00				
<b>Prior Costs</b>													
840.201	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A	30SEP03A		100	210,270.00	210,270.00				
<b>Job: 8402 - Project Physics MIE ORNL-LYON</b>													
<b>FY04 Actual Cost</b>													
840.302	Project Physics/Engr Analysis FY04	01OCT03A	256*	30SEP04A	30SEP04A		LOE	60,876.00	60,876.00				
840.303	Closeout cost FY04 ECP-21	01OCT03A	256*	30SEP04A	30SEP04A		LOE	44,000.00	44,000.00				
<b>Prior Costs</b>													
840.301	Apr-Sept MIE Cost ORNL	01APR03A	152*	30SEP03A	30SEP03A		100	40,980.00	40,980.00				
<b>85 - Integrated Systems Testing</b>													
<b>Job: 8501 - Integrated Systems Testing</b>													
920.001	Procedure and Document Preparation	01JAN08*	250	18DEC08	09DEC08	116		0.00	487,386.67	em//em=1516;em//sm=1516			
920.000	Startup Personnel	12NOV08	72	19FEB09	10FEB09	116		0.00	711,219.45	em//em=1066, ee//em=432, ec//em=432 em//sm=979, ee//sm=0, em//tb=432 r///rm2=490;ee//tb=864			

Run Date 14MAR06 13:40

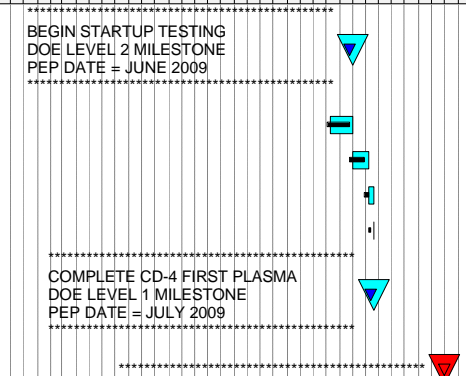
ECP-39 Status\_Forecast  
 xecp-39 baseline  
 Progress Bar  
 Critical Activity

0602

**NCSX**  
**Status through MARCH 1st**  
**ECP-39 Baseline**

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Activity ID	Activity Description	Forecast Start	Duration (work days)	Forecast Finish	BASELINE FINISH	Total Float in days (21 days= 1 mo.)	Pct Complete	Earned value (BCWP)	Baseline Budget (ECP-39)	Fiscal Year			
										FY06	FY07	FY08	FY09
920.004	Begin Start-up Testing	02JAN09	0			116		0.00	0.00				
920.005	Punch list, Cmpl't PTP's, Reconfig, Rm temp	12NOV08	37	01JAN09	23DEC08	116		0.00	0.00				
920.010	Field Coil Testsing, FCPC test & E-Beam	02JAN09	25	05FEB09	27JAN09	116		0.00	0.00				
920.020	Final ISTP	06FEB09	7	16FEB09	05FEB09	116		0.00	0.00				
920.021	Operations Approval	17FEB09	3	19FEB09	10FEB09	116		0.00	0.00				
730.9000	First Plasma		0	19FEB09	10FEB09	116		0.00	0.00				
M-0120	CD-4 First Plasma		0	31JUL09*	31JUL09*	0		0.00	0.00				



**Allocations**

**PPPL Allocations**

**Job: 8998 - Allocations**

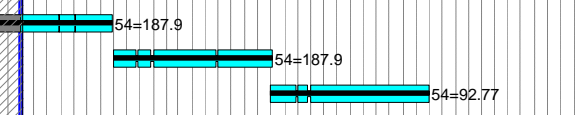
**FY04 Actual Cost**

99.04	PPPL Allocations FY04	01OCT03A	256*	30SEP04A	30SEP04A		LOE	260,691.00	260,691.00
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**Prior Costs**

99.03	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A	30SEP03A		100	112,000.00	112,000.00
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99.05	PPPL Allocations FY05	20OCT04A	251*	30SEP05A	30SEP05A		LOE	302,697.00	302,697.00
99.05P	PPPL Allocations FY05 rebaseline re-estimate	01OCT04A	251*	30SEP05A	30SEP05A		LOE	48,151.80	48,151.80
99.06	PPPL Allocations FY06	03OCT05A	250*	29SEP06	29SEP06	765	LOE	130,586.74	329,764.50
99.07	PPPL Allocations FY07	02OCT06*	252*	01OCT07	01OCT07	513		0.00	332,787.30
99.08	PPPL Allocations FY08	01OCT07*	252*	29SEP08	29SEP08	262		0.00	166,336.61
FY05CV-43	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			56,000.00	56,000.00



**+ Contingency**

		01MAR06	763	27FEB09	27FEB09	153		0.00	9,611,881.40
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**+ DCMA**

		01OCT03A	256	30SEP04A	30SEP04A			75,000.00	75,000.00
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