

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06				FY07				FY08				FY09																							
									OND	J	F	M	A	M	J	J	A	S	O	N	OND	J	F	M	A	M	J	J	A	S	O	N	OND	J	F	M	A	M	J	J	A	S	O	N
cc 9450 - NCSX Fabrication (MIE)																																												
1 - Stellarator Core Systems																																												
+ 11 - In-Vessel Components																																												
		15JUL03A	78	30SEP03A		100	60.00	60.00																																				
12 - Vacuum Vessel Systems																																												
+ Job: 1201 - Vacuum Vessel Prelim Dsn-**CLOSED**																																												
		01APR03A	133	07OCT03A		100	424,420.00	424,420.00																																				
+ Job: 1202 - Vacuum Vessel R&D **CLOSED**																																												
		01APR03A	636	30SEP05A		100	1,770,181.86	1,770,181.86																																				
+ Job: 1206 - VV Field Weld Joint R&D-**CLOSED**																																												
		29APR04A	359	30SEP05A		100	15,639.37	15,639.37																																				
Job: 1203 - Vacuum Vessel Final Dsn-GORANSON																																												
+ Closeout PDR Design Deliverables																																												
		01OCT03A	235	31AUG04A		100	34,746.30	34,746.30																																				
+ PDR Recommendations																																												
		01NOV03A	42	31DEC03A		100	25,738.00	25,738.00																																				
+ Vacuum Vessel Vendor Selection																																												
		01JUN04A	86	30SEP04A		100	5,782.20	5,782.20																																				
+ FY05 Final Design Tasks																																												
		01OCT03A	507	30SEP05A		100	744,133.94	744,133.94																																				
Final Design Tasks																																												
1203-241	Check FMECA Analyses	01SEP05A	85*	09JAN06	952	80	8,033.41	10,041.76	[Gantt bar]												ORNLEM =40hr ; EA/EM =20hr ;																							
1203-271	Develop Assy Rqmnts spec & process	03JAN06*	36*	21FEB06	267	20	6,748.00	33,740.00	[Gantt bar]												ornlem=200																							
1203-800	Issue VV FP leak check assy dwg	22SEP05A	97*	15FEB06	352	90	6,037.61	6,708.45	[Gantt bar]												ORNLEM =40hr ;																							
1203-801	Issue VV FP final assy dwg	01NOV05A	69*	15FEB06	352	75	5,061.00	6,748.00	[Gantt bar]												ORNLEM =40hr ;																							
1203-802A	Analysis of SXR cans and spacer	03JAN06	21*	31JAN06	358		0.00	0.00	[Gantt bar]																																			
1203-802	Issue spacer machining dwgs	03JAN06*	14*	20JAN06	370		0.00	6,748.00	[Gantt bar]												ORNLEM =40hr ;																							
1203-803	Issue VV final assy dwg	03JAN06*	14*	20JAN06	294		0.00	6,748.00	[Gantt bar]												ORNLEM =40hr ;																							
1203-804	Issue VV assy specification	22FEB06*	5*	28FEB06	267		0.00	6,748.00	[Gantt bar]												ORNLEM =40hr ;																							
1203-806	Establish interface reqmnts	01NOV05A	78*	28FEB06	916	50	3,374.00	6,748.00	[Gantt bar]												ORNLEM =60hr ;																							
1203-820	BOM for all VV parts	03OCT05A	99*	28FEB06	916	50	2,530.50	5,061.00	[Gantt bar]												ORNLEM =30hr ;																							
1203-901	**WBS 12 FINAL FDR **		0	28FEB06	343		0.00	0.00	[Gantt bar]																																			
VV Personnel Access Port																																												
1203-950	Personnel Access Port Drawings	01OCT05A	41*	30NOV05A		100	0.00	0.00	[Gantt bar]																																			
1203-951	Personnel Access Port Analysis	01NOV05A	20*	30NOV05A		100	0.00	0.00	[Gantt bar]																																			
12003-952	Personnel Access Port FDR		0	30NOV05A		100	1,349.60	1,349.60	[Gantt bar]												ornlem=8																							
124-100	Issue req & dwg package NB port cover	02AUG06*	0		223		0.00	0.00	[Gantt bar]																																			
124-110	SPEA VV NB port cover	02AUG06	43	29SEP06	223		0.00	0.00	[Gantt bar]																																			
124-120	Award VV NB port cover		0	29SEP06	223		0.00	0.00	[Gantt bar]																																			

Run Date 23JAN06 09:20

ECP-41 Status_Forecast
 xecp-41 baseline
 Progress Bar
 Critical Activity

0512

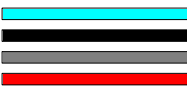
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 Status through January 1st
 ECP-41 Baseline

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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	Calendar												
									FY06			FY07			FY08			FY09			
									OND	JFM	AMJJ	AS	OND	JFM	AMJJ	AS	OND	JFM	AMJJ	AS	OND
VV Heating/Cooling Tubing																					
1203-805	Redo CC heating/cooling tube dwgs& analysis	01OCT05A	78*	30JAN06	280	90	18,219.60	20,244.00	ornlem=120												
1203-805A	Mockup and test cooling tube design	03JAN06A	20*	30JAN06	345		0.00	0.00													
1203-805F	Heating/cooling tube FDR		0	30JAN06	345		0.00	0.00													
123-030.0	Issue Proc Pkg for VV H/C Tubing WBS 123	31JAN06*	0		345		0.00	0.00													
VV Heater Tape																					
122-012	Heater Tape System Design	02MAY05A	202*	21FEB06	267	95	61,215.15	64,437.00	ea/em=87; ornlem=308												
122-013	Heater Tape System port ext mockup & test	19DEC05A	41*	21FEB06	267	10	0.00	0.00													
122-013A	Heater Tape System FDR		0	21FEB06	267		0.00	0.00													
122-012A	Issue Proc Pkg for VV Heater Tape		0	21FEB06	267		0.00	0.00													
VV H/C Manifolds & Headers																					
123-130.0	Issue Proc Pkg for VV H/C Manifolds WBS 123	31JAN06	0		280		0.00	0.00													
VV Local I&C																					
125-011	Final design WBS 125 local I&C	01MAR05A	247*	22FEB06	347	80*	13,590.83	16,988.54	ornlem=106												
125-011P	PDR (define rqmnts & sys architecture)		0	18JAN06*	945		0.00	0.00													
125-011F	FDR (Define HW & SW rqmnts)		0	22FEB06*	347		0.00	0.00													
125-036	Issue Procurement Package Local I&C WBS 125	01MAR06*	0		343		0.00	0.00													
Thermal Insulation																					
122-011	Final design WBS 122 Thermal insulation	01JUN04A	416*	31JAN06	214	95	79,275.42	83,447.81	em/em =20hr ;ornlem=527												
122-011F	FDR Thermal Insulation		0	31JAN06	214		0.00	0.00													
122-050	Prep spec and req Blanket Thermal Insulation	30MAY06*	0		131		0.00	0.00													
123-035	Issue Proc Pkg for insulation boots WBS 122	04SEP06*	0		133		0.00	0.00													
122-040	Prep spec and req Port Thermal Insulation	31OCT06*	0		133		0.00	0.00													
122-030.0	Prep spec and req Pourable Insulation	22JAN08*	0		123		0.00	0.00													
SRX Diagnostic VV Design																					
1203-810	resolve design pockets for soft x ray arrays	03JAN06*	13*	19JAN06	615		0.00	9,447.20	ORNLEM =56hr ;												
1203-810P	soft x ray array PDR		0	19JAN06*	944		0.00	0.00													
1203-810F	soft x ray array FDR		0	16FEB06*	595		0.00	0.00													
1203-810G	Issue requisition and dwg package	17FEB06	5	23FEB06	595		0.00	0.00													
Job:1204-VV Sys Procurements (non VVSA)-DUDEK																					
VV Vertical Supports																					
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	410		0.00	0.00	ETC =\$36.6k loaded												
124-037C	Deliver Misc hardware (PE 006209)	03JAN06*	60	27MAR06	410		0.00	0.00	ETC =\$22.6kk loaded												
124-037	PPPL Fab VV Vert. Supports (log # M1091)	01DEC05A	38	03APR06	410	40	25,018.37	62,545.92	em/lt=105												
VV Lateral Supports																					
124-030L	SPEA VV Lateral Supports WBS 124	03JUL06*	43	31AUG06	244		0.00	0.00													
124-036.9L	Award VV Lateral Supports WBS 124		0	02OCT06*	222		0.00	0.00													

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									ONDJFMAMJJASON				ONDJFMAMJJASON				ONDJFMAMJJASON				ONDJFMAMJJASON																														
									OND	J	F	M	A	M	J	J	A	S	O	N	D	OND	J	F	M	A	M	J	J	A	S	O	N	D	OND	J	F	M	A	M	J	J	A	S	O	N	D	OND	J	F	M
VVSA-541	Weld Ports	17FEB06	46*	21APR06	366		0.00	75,000.00																																											
VVSA-561	Vacuum Test	24APR06	20*	19MAY06	366		0.00	60,000.00																																											
VVSA-571	Cut Off Ports	22MAY06	6*	29MAY06	366		0.00	50,000.00																																											
VVSA-551	Final Machine	30MAY06	5*	05JUN06	366		0.00	50,000.00																																											
VVSA-581	Inspect & Pack for Shipping LI#4	06JUN06	9	16JUN06	366		0.00	23,000.00																																											
VVSA-591	Receive at PPPL	19JUN06	1	19JUN06	366		0.00	22,000.00																																											
121-160	S005243 #13-Receipt/Acceptance of 3rd VVSA		0	19JUN06	366		0.00	0.00																																											
121-038.1	All Vacuum Vessel Sections (3) Delivered		0	19JUN06	366		0.00	0.00	<p>48=\$375k Contract Milestone Payment \$375 (ref only) ***** VACUUM VESSEL SECTORS DELIVERED LEVEL 2 DOE MILESTONE SEPTEMBER 2006 *****</p>																																										
Ship Tooling																																																			
VVSA-601	Pack Tooling for PPPL	19JUN06	5	23JUN06	840		0.00	0.00																																											
VVSA-611	PPPL Receive Tooling	26JUN06	4	29JUN06	840		0.00	486,000.00																																											
121-165	S005243 #14-Deliver of tooling,dies,fixtures		0	29JUN06*	840		0.00	0.00	<p>48=\$486k Contract Milestone Payment \$486 (ref only)</p>																																										
121-031	VVSA Title III engr	21MAY04A	631	28FEB05A		LOE	27,753.79	27,753.79																																											
121-034	VVSA Title III engr	01MAR05A	152*	30SEP05A		LOE	20,460.00	20,460.00	<p>ORNLEM =132hr ;</p>																																										
121-034.1	VVSA Title III engr	01OCT05A	288*	22NOV06	727	LOE	18,635.72	92,715.05	<p>ORNLEM =500hr ; ORNL35 =08\$;</p>																																										
121-032	VVSA Contract oversight FY04	21MAY04A	366*	30SEP04A		LOE	20,052.50	20,052.50																																											
121-033	VVSA Contract oversight FY05	01OCT04A	290*	28FEB05A		LOE	75,267.38	75,267.38																																											
121-035	VVSA Contract oversight FY05 & FY06	01MAR05A	231*	31JAN06	936	LOE	232,453.07	255,723.95	<p>Viola 85%=1304hrs 35=\$24k</p>																																										
121-035.1	ORNL fesign support during MTM Contract	01MAR05A	152*	30SEP05A		LOE	17,360.00	17,360.00	<p>ORNLEM =112hr ;</p>																																										
121-035.2	ORNL design support during MTM Contract	01OCT05A	79*	31JAN06	936	LOE	16,235.27	22,118.90	<p>ORNLEM =107hr ; ORNL35 =04\$;</p>																																										
121-036	Ship vac equip from PPPL to MTM for vac testing	03OCT05A	15	31OCT05A		100	2,742.00	2,742.00	<p>m&s=\$2k</p>																																										
121-037	Purchase seals and ship to MTM	25APR05A	70*	29JUL05A		100	42,447.20	42,447.20																																											
121-038	assist MTM testing of VVSA	18JAN06	88*	19MAY06	359		0.00	0.00	<p>provost=160hrs etc only</p>																																										
121-039	Design Seal Template	01MAR05A	20	31MAR05A		100	2,480.00	2,480.00																																											
121-141	Fabricate Seal Template and ship to MTM	01MAR05A	65	31MAR05A		100	4,240.11	4,240.11																																											
FY05CV-4	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A		100	-49,000.00	-49,000.00																																											
13 - Conventional Coils																																																			
Job: 1301 - TF Design-KALISH																																																			
+ Preliminary Design																																																			
		01OCT03A	355	28FEB05A		100	471,974.00	471,974.00																																											
+ Final Design																																																			
		01FEB05A	172	30SEP05A		100	164,053.52	164,053.52																																											
+ Prior Costs																																																			
		01APR03A	636	30SEP05A		100	283,695.13	283,695.13																																											

Run Date 23JAN06 09:20


 ECP-41 Status_Forecast
 xecp-41 baseline
 Progress Bar
 Critical Activity

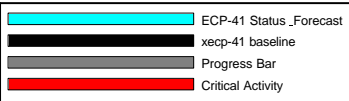
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NCSX
Status through January 1st
ECP-41 Baseline

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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06												FY07												FY08												FY09																																							
									ONDJFMAMJJASO				NDJFMAMJJASO				NDJFMAMJJASO				NDJFMAMJJASO				ONDJFMAMJJASO				NDJFMAMJJASO				NDJFMAMJJASO				NDJFMAMJJASO																																															
									O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J
Subcontract Procurement Plan																																																																																				
1301FD-05	Analyis Check	01MAR05A	225*	23JAN06	942	90	24,207.61	26,897.34	[Gantt bar]												Dahlgren=160																																																															
1301R-37	Prepare Coil Spec	01MAR05A	215*	09JAN06	243	85	0.00	0.00	[Gantt bar]																																																																											
131-300	Write Statement of work	10JAN06	5	16JAN06	242		0.00	0.00	[Gantt bar]																																																																											
131-305	Approve Specficiation	10JAN06	5	16JAN06	247		0.00	0.00	[Gantt bar]																																																																											
131-310	Approve statement of work	17JAN06	5	23JAN06	242		0.00	0.00	[Gantt bar]																																																																											
131-315	Vendor Info Meeting		0	10JAN06*	251		0.00	0.00	[Gantt bar]																																																																											
131-320	Source Selection Plan	05JAN06*	5	11JAN06	250		0.00	0.00	[Gantt bar]																																																																											
131-325	Disposition of chits	12JAN06*	7	20JAN06	243		0.00	0.00	[Gantt bar]																																																																											
131-330	Update Assembly Drawings	12JAN06*	5	18JAN06	243		0.00	0.00	[Gantt bar]																																																																											
131-335	Assembly Drawings Approval	19JAN06	2	20JAN06	243		0.00	0.00	[Gantt bar]																																																																											
131-345	Complete Procurement Package		0	23JAN06	242		0.00	0.00	[Gantt bar]																																																																											
131-350	Issue RFP		0	01FEB06*	237		0.00	0.00	[Gantt bar]																																																																											
131-355	Proposals due		0	06MAR06*	224		0.00	0.00	[Gantt bar]																																																																											
131-360	Initial Proposal rating		0	14MAR06	224		0.00	0.00	[Gantt bar]																																																																											
131-365	Project manager decision		0	21MAR06	224		0.00	0.00	[Gantt bar]																																																																											
131-370	Subcontract negotiations complete		0	29MAR06	224		0.00	0.00	[Gantt bar]																																																																											
131-375	DOE approve package		0	31MAR06	224		0.00	0.00	[Gantt bar]																																																																											
131-380	Contract Award		0	14APR06	224		0.00	0.00	[Gantt bar]																																																																											
Job: 1350 TF Coil Fab Preparation-CHRZANOWSKI																																																																																				
FY05CV-7	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			135,000.00	135,000.00	[Gantt bar]																																																																											
1350-100	Design tooling & winding facility	01MAR05A	152*	31AUG05A		100	96,961.10	96,961.10	[Gantt bar]																																																																											
1350-500	Recondition turnkng fixture	21MAR05A	88*	30JUN05A		100	33,232.20	33,232.20	[Gantt bar]																																																																											
1350-600	Build Cleanroom	28MAR05A	174*	30NOV05A		100	45,265.84	45,265.84	[Gantt bar]												EM/TB =220hr ; EM/SM =148hr ; 41=05\$sk ; ee/tb=80																																																															
1350-605	Install winding table	01JUN05A	50*	30JUN05A		100	24,655.80	24,655.80	[Gantt bar]																																																																											
1350-610	Setup copper delivery system	03OCT05A	15	31OCT05A		100	11,240.32	11,240.32	[Gantt bar]												EM/TB =58hr ; EM/SM =38hr ; 41=01\$sk ;																																																															
1350-615	Install taping machine	01OCT05A	15	31OCT05A		100	11,240.32	11,240.32	[Gantt bar]												EM/TB =58hr ; EM/SM =38hr ; 41=01\$sk ;																																																															
1350-100.1	Design tooling & winding facility	01SEP05A	88*	29SEP06	765	90	45,408.01	50,453.34	[Gantt bar]												designer =360 ; chrzanowski =58hr ;																																																															
1350-505	Winding Clamps	02MAY05A	174*	23DEC05A		100	21,766.78	21,766.78	[Gantt bar]												EM/TB =80hr ; EM/SM =80hr ; 41=05\$sk ;																																																															
1350-510	Taping Machine Conditioning	01DEC05A	6	10JAN06	951	80	24,976.48	31,220.60	[Gantt bar]												EM//TB =160hr ; EM//SM =80hr ; EE//TB =80hr ; 41=01\$sk ;																																																															
1350-515	Winding mandrel	01JUL05A	131*	29SEP06	765	30	9,934.98	33,116.57	[Gantt bar]												EM/TB =160hr ; EM//SM =120hr ; 41=05\$sk ;																																																															
1350-520	Misc tools & equipt	08SEP05A	103*	29SEP06	765	70	32,247.38	46,067.68	[Gantt bar]												41=03\$sk ; machinist=144; em/tb=300																																																															
1351-089	Fab Lift Fixture	03OCT05A	99*	28FEB06	916	75	8,795.52	11,727.36	[Gantt bar]												em/tb=144																																																															
1350-620	Complete setup of facility		0	29SEP06*	765		0.00	0.00	[Gantt bar]																																																																											
1350-525	TF mold (2)	31MAR06	44	01JUN06	225		0.00	123,390.00	[Gantt bar]												41=\$90 (for 2) ; 41=10\$sk ;																																																															

Run Date **23JAN06 09:20**



 ECP-41 Status_Forecast

 xecp-41 baseline

 Progress Bar

 Critical Activity

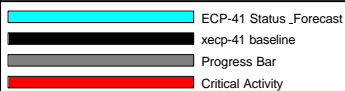
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NCSX
Status through January 1st
ECP-41 Baseline

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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06				FY07				FY08				FY09																					
									OND	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	E
1351-080	Design Assy Fixture	01AUG06*	20	28AUG06	765		0.00	32,432.40																																		
1351-086	Fab/Assemble Fixture	29AUG06	19	22SEP06	765		0.00	43,708.00																																		
1351-088	Setup Wedge Casting Fixture & test	25SEP06	5	29SEP06	765		0.00	19,545.60																																		
Job: 1351 - TF Coil Fabr Supplies-KALISH																																										
TF Materials & Supplies																																										
FY05CV-8	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			14,000.00	14,000.00																																		
1301FD-72	TF Conductor Procurement Package approved	31MAY05A	5	31MAY05A		100	0.00	0.00																																		
1301FD-74	Prepare & issue TF Conductor RFP	31MAY05A	23*	03JUN05A		100	0.00	0.00																																		
1301FD-76	Evaluate bids and award TF conductor	06JUN05A	0*	30JUN05A		100	0.00	0.00																																		
1301FD-77	Award TF conductor		0	30JUN05A		100	0.00	0.00																																		
1301FD-78	TF Wedge Plate procurement package approved	29JUL05A	5	29JUL05A		100	0.00	0.00																																		
1301FD-80	Prepare and Issue TF Wedge Plate RFP	12AUG05A	5	18AUG05A		100	0.00	0.00																																		
1351-529	Coil Supplies- Deliver Copper	01JUL05A	123*	23DEC05A		100	133,864.50	133,864.50	m&s=\$104.5k (for 20 coils)																																	
1351-531	Coil Supplies- G-11 fillers (PE006162)	03JAN06	50*	13MAR06	249		0.00	89,115.00	41=\$65																																	
1351-525	Coil Supplies- Insulation (PE6299)	03JAN06	65	03APR06	267		0.00	109,680.00	m&s=\$80k																																	
1351-533	Coil Supplies- Lead Blocks(pe6134 for copper)	03SEP05A	128*	13MAR06	249	M&S	32,025.00	53,322.27	machinist=100;em/tb=110;m&s=\$20k																																	
1301FD-82	Update spec, rebid and award Wedge Plate Fabr	15JUN06*	41	11AUG06	695		0.00	0.00																																		
1351-85C	Award TF Castings		0	11AUG06	700		0.00	0.00																																		
1351-85D	Vendor Fab TF Castings	14AUG06	100	10JAN07	700		0.00	264,924.00	M&S=198k																																	
1351-527	Coil Supplies- Epoxy	02JUN06	324*	12SEP07	227		0.00	82,260.00	m&s=\$60k etc only																																	
1351-535	Coil Supplies- Safety & PPE equipt & supplies	30MAY06*	88	29SEP06	765		0.00	10,968.00	m&s=\$8k																																	
1351-537	Coil Supplies- Misc supplies	30MAY06*	88	29SEP06	765		0.00	10,968.00	m&s=\$8k																																	
1351-541	VPI Supplies- Misc VPI supplies	02AUG06*	88	05DEC06	720		0.00	10,968.00	m&s=\$8k																																	
1351-543	VPI Supplies- Disposable VPI HW	06JUL06*	107	05DEC06	720		0.00	83,490.47	em/tb=432; m&s=\$35k																																	
Job: 1361 - TF Fabrication-CHYZANOWSKI																																										
TF Title III and Fabrication Oversight																																										
131-031	Title III engr (FDR through 1st coil test 75%)	10OCT05A	182*	03JUL06	247		19,635.55	67,476.10	Kalish=387																																	
131-032	Title III engr (completion of coils 10%)	07AUG06	286	26SEP07	224		0.00	33,358.00	Kalish=188 10%																																	
131-033	Winding operations field oversight	24MAR06*	382*	28SEP07	512		0.00	26,005.03	melghan=5%=200																																	
TF Braze Qualification																																										
1351-512	Prepare braze samples	10JUL06*	15	28JUL06	765		0.00	10,256.00	machinist=80																																	
1351-513	Develop brzae techniques	31JUL06	15	18AUG06	765		0.00	4,886.40	em/tb=60																																	
1351-514	Braze conductor samples	21AUG06	15	08SEP06	765		0.00	4,886.40	em/tb=60																																	
1351-515	Test brazed samples	11SEP06	15	29SEP06	765		0.00	10,256.00	em/sm=80																																	
Conductor Prep																																										
1351-547	Conductor Preparation	18SEP06*	21	16OCT06	754		0.00	27,677.12	em/tb=336																																	
Coil Winding																																										
1351-549	Wind Coil #1	17APR06	33	01JUN06	225		0.00	29,318.40	em/tb=360																																	

Run Date 23JAN06 09:20



 ECP-41 Status: Forecast
 xecp-41 baseline
 Progress Bar
 Critical Activity

0512

NCSX
Status through January 1st
ECP-41 Baseline

Sheet 8 of 56

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06				FY07				FY08				FY09																							
									O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	E
									Gantt Chart																																			
VPI																																												
1351-751	VPI Coil #1	20JUN06	13	07JUL06	225		0.00	25,409.28																																				
1351-752	VPI Coil #2	06SEP06	13	22SEP06	272		0.00	19,056.96																																				
1351-755	VPI Coil #3 & #4	18OCT06	17	09NOV06	255		0.00	14,563.50																																				
1351-759	VPI Coil #5 & #6	01DEC06	17	02JAN07	242		0.00	14,563.50																																				
1351-763	VPI Coil #7 & #8	22JAN07	17	13FEB07	261		0.00	6,241.50																																				
1351-767	VPI Coil #9 & #10	05MAR07	17	27MAR07	248		0.00	6,241.50																																				
1351-771	VPI Coil #11 & #12	16APR07	17	08MAY07	235		0.00	6,241.50																																				
1351-775	VPI Coil #13 & #14	29MAY07	17	20JUN07	253		0.00	6,241.50																																				
1351-779	VPI Coil #15 & #16	10JUL07	17	01AUG07	240		0.00	6,241.50																																				
1351-783	VPI Coil #17 & #18	21AUG07	17	12SEP07	227		0.00	6,241.50																																				
Electrical Test (warm before casting instl)																																												
1351-848	Prep & setup for warm test	09JUN06	20	07JUL06	225		0.00	10,256.00																																				
1351-849	Warm Test Coil #1	10JUL06	2	11JUL06	225		0.00	1,303.04																																				
1351-851	Warm Test Coil #2	25SEP06	2	26SEP06	291		0.00	814.40																																				
1351-853	Warm Test Coil #3	10NOV06	2	13NOV06	260		0.00	832.20																																				
1351-855	Warm Test Coil #4	14NOV06	2	15NOV06	267		0.00	832.20																																				
1351-857	Warm Test Coil #5	03JAN07	2	04JAN07	242		0.00	665.76																																				
1351-859	Warm Test Coil #6	05JAN07	2	08JAN07	243		0.00	665.76																																				
1351-861	Warm Test Coil #7	14FEB07	2	15FEB07	282		0.00	665.76																																				
1351-863	Warm Test Coil #8	16FEB07	2	19FEB07	283		0.00	665.76																																				
1351-865	Warm Test Coil #9	28MAR07	2	29MAR07	258		0.00	499.32																																				
1351-867	Warm Test Coil #10	30MAR07	2	02APR07	260		0.00	499.32																																				
1351-869	Warm Test Coil #11	09MAY07	2	10MAY07	235		0.00	499.32																																				
1351-871	Warm Test Coil #12	11MAY07	2	14MAY07	236		0.00	499.32																																				
1351-873	Warm Test Coil #13	21JUN07	2	22JUN07	274		0.00	499.32																																				
1351-875	Warm Test Coil #14	25JUN07	2	26JUN07	275		0.00	499.32																																				
1351-877	Warm Test Coil #15	02AUG07	2	03AUG07	250		0.00	499.32																																				
1351-879	Warm Test Coil #16	06AUG07	2	07AUG07	252		0.00	499.32																																				
1351-881	Warm Test Coil #17	13SEP07	2	14SEP07	227		0.00	499.32																																				
1351-883	Warm Test Coil #18	17SEP07	2	18SEP07	228		0.00	499.32																																				
Assemble TF Casting to TF coil																																												
1351-110A	Assemble TF to Wedge Casting TF#1	20JUL06	6	27JUL06	225		0.00	7,818.24																																				
1351-115A	Assemble TF to Wedge Casting TF#2	27SEP06	3	29SEP06	291		0.00	5,700.80																																				
1351-120A	Assemble TF to Wedge Casting TF#3	14NOV06	3	16NOV06	260		0.00	4,577.10																																				
1351-125A	Assemble TF to Wedge Casting TF#4	17NOV06	3	21NOV06	266		0.00	4,577.10																																				
1351-130A	Assemble TF to Wedge Casting TF#5	05JAN07	3	09JAN07	242		0.00	4,161.00																																				

Run Date 23JAN06 09:20

ECP-41 Status_Forecast
 xecp-41 baseline
 Progress Bar
 Critical Activity

0512

NCSX
Status through January 1st
ECP-41 Baseline

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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06				FY07				FY08				FY09																						
									ON	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	E
1351-135A	Assemble TF to Wedge Casting TF#6	10JAN07	3	12JAN07	242		0.00	4,161.00																																			
1351-140A	Assemble TF to Wedge Casting TF#7	16FEB07	3	20FEB07	282		0.00	249.66																																			
1351-145A	Assemble TF to Wedge Casting TF#8	21FEB07	3	23FEB07	282		0.00	2,496.60																																			
1351-150A	Assemble TF to Wedge Casting TF#9	30MAR07	3	03APR07	258		0.00	1,997.28																																			
1351-155A	Assemble TF to Wedge Casting TF#10	04APR07	3	06APR07	259		0.00	1,997.28																																			
1351-160A	Assemble TF to Wedge Casting TF#11	11MAY07	3	15MAY07	235		0.00	1,997.28																																			
1351-165A	Assemble TF to Wedge Casting TF#12	16MAY07	3	18MAY07	235		0.00	1,997.28																																			
1351-170A	Assemble TF to Wedge Casting TF#13	25JUN07	3	27JUN07	274		0.00	1,997.28																																			
1351-175A	Assemble TF to Wedge Casting TF#14	28JUN07	3	02JUL07	274		0.00	1,997.28																																			
1351-180A	Assemble TF to Wedge Casting TF#15	06AUG07	3	08AUG07	250		0.00	1,997.28																																			
1351-185A	Assemble TF to Wedge Casting TF#16	09AUG07	3	13AUG07	251		0.00	1,997.28																																			
1351-190A	Assemble TF to Wedge Casting TF#17	17SEP07	3	19SEP07	227		0.00	1,997.28																																			
1351-195A	Assemble TF to Wedge Casting TF#18	24SEP07	3	26SEP07	225		0.00	1,997.28																																			
1351-195X	ALL TF COILS DELIVERED		0	26SEP07	225		0.00	0.00	<p>ALL TF COILS DELIVERED CODE LEVEL 2 MILESTONE PEP DATE = AUGUST 2008</p>																																		
Final Test (cold after casting installation)																																											
1351-901	Build Cryostat for teststand to hold TF coil	13JUN06	20	11JUL06	225		0.00	10,628.20																																			
1351-905	Cold test #1 BEFORE casting applied	12JUL06	6	19JUL06	225		0.00	9,966.08																																			
1351-910	Cold test #1 again AFTER casting applied	28JUL06	6	04AUG06	225		0.00	9,966.08																																			
Job: 1302 - PF Design -KALISH																																											
TF I&C																																											
133-008	Design WBS 134 Conv Coil I&C Peer review		0	23DEC05*	952		0.00	0.00																																			
133-010	Design WBS 134 Conv Coil I&C	01MAR05A	250*	28FEB06	366	10	1,349.91	13,499.10																																			
133-011	Design WBS 134 Conv Coil I&C FDR		0	28FEB06*	366		0.00	0.00																																			
133-012	Specification for PF coils	03JAN06*	0*	23DEC05	952		0.00	0.00																																			
FY05CV-6	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			-22,000.00	-22,000.00																																			
1302-PF	Start PF Preliminary Design	01MAR05A	145	30SEP05A		100	7,601.50	7,601.50																																			
1302-PFX	Complete PF Preliminary Design	01MAR06	145	19MAY06	366		11,238.77	18,731.27																																			
141-012	PF PDR		0	19MAY06	366		0.00	0.00																																			
1302-CSS	PF Final Design	22MAY06	75	06SEP06	366		0.00	51,173.64																																			
1301-137	PF FDR		0	06SEP06	366		0.00	0.00																																			
Job: 1352 - PF Coil Procurement-KALISH																																											
PF Coil Fabrication																																											
141-035	Bid & Award PF Coils	27AUG07*	45	29OCT07	124		0.00	0.00																																			

Run Date 23JAN06 09:20

ECP-41 Status_Forecast (Cyan bar)

 xecp-41 baseline (Black bar)

 Progress Bar (Grey bar)

 Critical Activity (Red bar)

0512

NCSX
Status through January 1st
ECP-41 Baseline

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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06				FY07				FY08				FY09																							
									O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	E
141-036	PF Coils Awarded		0	29OCT07	124		0.00	0.00	***** AWARD PRODUCTION CONTRACT FOR PF C LEVEL 2 DOE MILESTONE PEP DATE = MARCH 2008 *****																																			
1352-100	Material & leads	30OCT07	75	21FEB08	124		0.00	264,140.00	[Gantt bar] 41=188																																			
1352-110	Tooling for PF 4	30OCT07*	25	05DEC07	159		0.00	73,762.50	[Gantt bar] 41=52.5																																			
1352-115	Tooling for PF 5	06DEC07	25	17JAN08	159		0.00	73,762.50	[Gantt bar] 41=52.5																																			
1352-120	Tooling for PF 6	18JAN08	25	21FEB08	174		0.00	73,762.50	[Gantt bar] 41=52.5																																			
1352-105	Tooling for PF 1,2 and 3 NOT REQ'D USE PF1a	22FEB08	30	03APR08	174		0.00	0.00	[Gantt bar]																																			
1352-140	Fabricate/Dlvr PF 4 lower	22FEB08	10	06MAR08	124		0.00	55,848.75	[Gantt bar] 41=39.75																																			
1352-145	Fabricate/Dlvr PF 5 lower	07MAR08	15	27MAR08	124		0.00	41,817.00	[Gantt bar] 4e=39.75																																			
1352-150	Fabricate/Dlvr PF 6 lower	28MAR08	15	17APR08	124		0.00	41,817.00	[Gantt bar] 4e=39.75																																			
1352-155	Fabricate/Dlvr PF 4 upper	18APR08	10	01MAY08	124		0.00	41,817.00	[Gantt bar] 4e=39.75																																			
1352-160	Fabricate/Dlvr PF 5 upper	02MAY08	15	22MAY08	124		0.00	41,817.00	[Gantt bar] 4e=39.75																																			
1352-165	Fabricate/Dlvr PF 6 upper	23MAY08	15	13JUN08	124		0.00	41,817.00	[Gantt bar] 4e=39.75																																			
1352-125	Fabricate/Dlvr PF 1 NOT REQD USE PF1a	16JUN08	15	07JUL08	124		0.00	0.00	[Gantt bar]																																			
1352-130	Fabricate/Dlvr PF 2 NOT REQD USE PF1a	08JUL08	15	28JUL08	124		0.00	0.00	[Gantt bar]																																			
1352-135	Fabricate/Dlvr PF 3 NOT REQD USE PF1a	29JUL08	15	18AUG08	124		0.00	0.00	[Gantt bar]																																			
1352-135X	Refurbish NSTX PF1a	02OCT06*	5	06OCT06	589		0.00	1,331.52	[Gantt bar] em/tb=16																																			
722.010	PF Coil receipt inspect/test (formerly wbs 183)	22FEB08	125*	18AUG08	124		0.00	31,275.16	[Gantt bar] em/sm=94; em/tb=218																																			
141-031	Title III engr WBS 132	27AUG07*	268	19SEP08	268		0.00	112,977.05	[Gantt bar] Kalish=551;ea//dm=69;																																			
Job: 1354 - Trim Coil Design &Procurement-KALISH																																												
Trim Coils																																												
1303-TRIM	Trim Coil Design	07SEP06*	88	18JAN07	117		0.00	42,155.97	[Gantt bar] kalish=220;rushinski=180;analyst=180																																			
1303-136	Trim Coil PDR		0	07NOV06	126		0.00	0.00	[Gantt bar]																																			
1303-137	Trim Coil FDR		0	18JAN07	117		0.00	0.00	[Gantt bar]																																			
184-035	Bid & Award Ext Trim Coils	19JAN07	45	22MAR07	117		0.00	0.00	[Gantt bar]																																			
184-036	Award External Trim Coils		0	22MAR07	117		0.00	0.00	[Gantt bar]																																			
184-037	External Trim Coil Procurement/Fab*ecp16	23MAR07	87	25JUL07	117		0.00	34,275.00	[Gantt bar] 41=25																																			
184-015	Title III WBS 133 Rxt Trim Coils	19JAN07	147	15AUG07	543		0.00	26,834.06	[Gantt bar] Rushinski=64;Kalish=232;;35=\$4k																																			
Job: 1303 -Centrol Solenoid Support Dsn-DAHLGREN																																												
1303-100	CS Support Preliminary Design	01AUG06*	75	14NOV06	193		0.00	54,988.26	[Gantt bar] rushinski=88; dahlgren=225																																			
1303-105	CS Sprt PDR		0	14NOV06	193		0.00	0.00	[Gantt bar]																																			
1303-110	CS Support Final Design	15NOV06	75	09MAR07	193		0.00	105,470.98	[Gantt bar] rushinski=312; dahlgren=281																																			
1303-115	CS Support FDR		0	09MAR07	193		0.00	0.00	[Gantt bar]																																			
Job: 1353 - CS Structure Procurement-DAHLGREN																																												
CS Support Structure																																												
163-035	Bid & Award CS Support Struct	12MAR07	45	11MAY07	193		0.00	0.00	[Gantt bar]																																			

Run Date 23JAN06 09:21

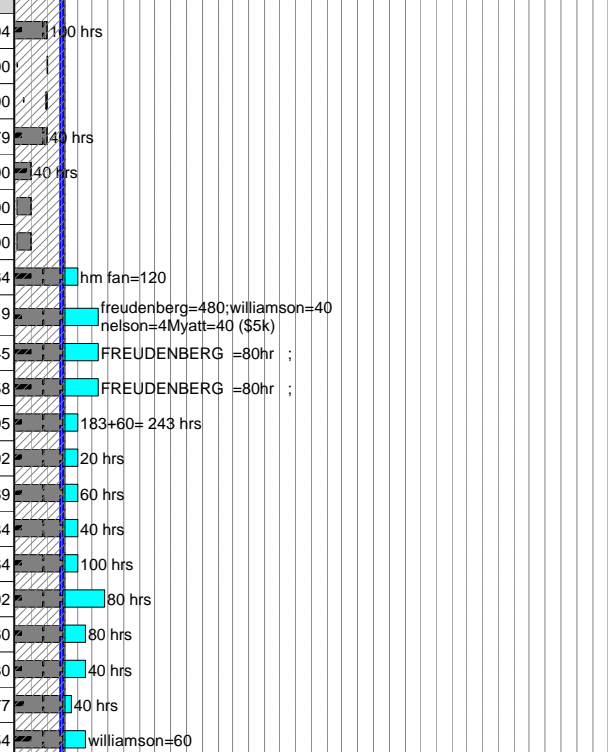
ECP-41 Status_Forecast
 xecp-41 baseline
 Progress Bar
 Critical Activity

0512

NCSX
Status through January 1st
ECP-41 Baseline

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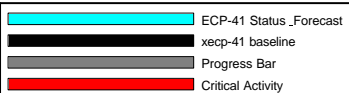
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06				FY07				FY08				FY09									
									ONDJ	FMA	MJJ	AS	ONDJ	FMA	MJJ	AS	ONDJ	FMA	MJJ	AS	ONDJ	FMA	MJJ	AS						
+ Analysis - Structural																														
		15OCT03A	152	18MAY04A		100	367,160.37	367,160.37																						
+ Winding Form FDR Prep																														
		15OCT03A	236	16SEP04A		100	383,223.24	383,223.24																						
+ MCWF Procurement																														
		01JUN04A	86	30SEP04A		100	45,223.48	45,223.48																						
+ Coil-to-coil Interface Design																														
		15OCT03A	246	30SEP04A		100	91,408.51	91,408.51																						
+ MCWF & Winding Analysis/Testing																														
		02FEB04A	400	31AUG05A		100	656,902.73	656,902.73																						
+ Winding and Assembly Design-Type C																														
		01JAN04A	442	30SEP05A		100	267,656.11	267,656.11																						
+ Twisted Racetrack Design (Williamson)																														
		01OCT03A	455	29JUL05A		100	376,539.25	376,539.25																						
Prior Costs																														
1403-ECPRB	Rebaselining YTD adjustment for ytd cv	01OCT04A	108*	28FEB05A		100	154,400.00	154,400.00																						
FY05CV-11	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A		100	410,000.00	410,000.00																						
Type C Design Closeout																														
1403-203C	Finish Clamp Dwgs (5)-Type C	01MAR05A	193*	30NOV05A		100	15,791.04	15,791.04																						
1403-506	Chill plate dwgs approved for fabrication		0*	30NOV05A		100	0.00	0.00																						
1403-510	Clamp and assy dwgs approved for fabrication	30NOV05A	0*	30NOV05A		100	0.00	0.00																						
1403-59	Type-C product specifications	02MAY05A	160*	30NOV05A		100	6,350.79	6,350.79																						
1403-70.05	Update MIT/QA Plans for Type C Winding Fab	01SEP05A	42*	31OCT05A		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	329*	30JAN06	937	90	18,072.58	20,080.64																						
1403-40.2Z	Update nonlinear winding pack analysis	01AUG04A	401*	10MAR06	908	90	79,224.47	88,027.19																						
1403-73	Prep struct analysis report	01MAY05A	215*	10MAR06	908	60	7,767.27	12,945.45																						
1403-76	Structural analysis of leads	01OCT04A	358*	10MAR06	908	50	6,363.79	12,727.58																						
1403-200	Side A/B winding pack assy-Type C	01JAN04A	520*	30JAN06	937	90	32,234.44	35,816.05																						
1403-224C	Finish VPI mold assembly-Type C	01MAR05A	230*	30JAN06	937	90	2,873.63	3,192.92																						
1403-206.1	Cooling tubes/services assy- Type C	25APR05A	191*	30JAN06	937	90	8,672.12	9,635.69																						
1403-206C	Finish Cooling, Electr Schematic Dwgs - Type C	01MAR05A	230*	30JAN06	937	90	5,747.26	6,385.84																						
1403-58C	Check and promote clamp, I&C assy dwgs -Type	01JUN05A	165*	30JAN06	937	90	14,532.88	16,147.64																						
1403-60C	Finish Update design basis document	02MAY05A	225*	24MAR06	898	60	7,781.95	12,969.92																						
1403-223C	Finish Top level coil assembly-Type C	01MAR05A	242*	15FEB06	925	90	11,526.84	12,807.60																						
1403-208C	Finish I&C Dwgs -Type C	01MAR05A	242*	15FEB06	925	90	5,763.42	6,403.80																						
1403-20.2	Resolve FDR chits	01AUG05A	113*	16JAN06	947	90	5,876.79	6,529.77																						
1403-42H	calculate EM loads at leads	01SEP05A	112*	15FEB06	925	60	5,976.32	9,960.54																						



ECP-41 Status_Forecast
 xecp-41 baseline
 Progress Bar
 Critical Activity

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06												FY07												FY08												FY09											
									OND J F M A M J J J A S O N D			OND J F M A M J J J A S O N D			OND J F M A M J J J A S O N D			OND J F M A M J J J A S O N D			OND J F M A M J J J A S O N D			OND J F M A M J J J A S O N D			OND J F M A M J J J A S O N D			OND J F M A M J J J A S O N D																										
									OND	J	F	M	A	M	J	J	A	S	O	N	D	OND	J	F	M	A	M	J	J	A	S	O	N	D	OND	J	F	M	A	M	J	J	A	S	O	N	D	OND	J	F	M	A	M	J	J	A
1403-47A	Update,review & approve FMECA	26SEP05A	95*	15FEB06	925	10	671.92	6,719.16	Williamson=80																																															
1403-42A1	Document analysis of MCWF eddy currents	03JAN06*	11	17JAN06	946		0.00	0.00	Brooks																																															
1403-47C	Perform cool-down/warmup analysis	03JAN06*	33*	16FEB06	924		0.00	6,962.40	fan=40																																															
1403-50A	Check inductance calculation	03JAN06	10*	16JAN06	947		0.00	6,748.00	ornlem=40																																															
1403-20.0	Final Design Close-out for Type C		0	24MAR06	898		0.00	0.00																																																
Job: 1416-Mod Coil Type A&B Final Dsn-WILLIAMSON																																																								
Winding and Assembly Design-Type A																																																								
1416A-105	-Subasm Shrinkwrap	03JAN06*	5	09JAN06	204		0.00	6,748.00	* ORNLEM =40hr ;																																															
1416A-109	-Check and Promote	10JAN06	5	16JAN06	204		0.00	3,374.00	* ORNLEM =20hr ;																																															
1416A-113	MCWF mods-As-Built MCWF	01AUG05A	129*	07FEB06	183	50	6,556.84	13,113.67	* ORNLEM =80hr ;																																															
1416A-117	MCWF mods-Studs, Lead Block Mount	01OCT05A	84*	07FEB06	183	50	3,374.00	6,748.00	* ORNLEM =40hr ;																																															
1416A-121	MCWF mods-Seal Groove Adapter	01OCT05A	84*	07FEB06	183	50	3,374.00	6,748.00	* ORNLEM =40hr ;																																															
1416A-125	MCWF mods-Metrology Data Files	03OCT05A	84*	07FEB06	183	50	1,687.00	3,374.00	* ORNLEM =20hr ;																																															
1416A-129	MCWF mods-Check and Promote	30NOV05A	5	14FEB06	183	50	1,687.00	3,374.00	* ORNLEM =20hr ;																																															
1416A-133	Lead Block Assy-Lead Blocks	01OCT05A	78*	30JAN06	139	60	8,097.60	13,496.00	* ORNLEM =80hr ;																																															
1416A-137	Lead Block Assy-Top and Side Plates	28NOV05A	40*	30JAN06	139	60	8,097.60	13,496.00	* ORNLEM =80hr ;																																															
1416A-141	Lead Block Assy-Detail Parts, Intralink	28NOV05A	40*	30JAN06	139	60	4,048.80	6,748.00	* ORNLEM =40hr ;																																															
1416A-145	Lead Block Assy-Filament Data Files	28NOV05A	40*	30JAN06	139	60	2,024.40	3,374.00	* ORNLEM =20hr ;																																															
1416A-149	Lead Block Assy-Check and Promote	31JAN06	6*	07FEB06	139		0.00	3,374.00	* ORNLEM =20hr ;																																															
1416A-153	Lead Terminals-Splice Plates	03JAN06*	26*	07FEB06	134		0.00	3,374.00	* ORNLEM =20hr ;																																															
1416A-157	Lead Terminals-Check and Promote	08FEB06	5	14FEB06	134		0.00	3,374.00	* ORNLEM =20hr ;																																															
1416A-161	Side A Coil Assy-Cladding Asm	01SEP05A	100*	30JAN06	153	90	34,297.00	38,107.78	* ORNLEM =230hr ;																																															
1416A-165	Side A Coil Assy-Cond Layers, Geom Files	28NOV05A	40*	30JAN06	184	60	4,048.80	6,748.00	* ORNLEM =40hr ;																																															
1416A-169	Side A Coil Assy-Magnetic Loops	28NOV05A	40*	30JAN06	184	30	1,012.20	3,374.00	* ORNLEM =20hr ;																																															
1416A-173	Side A Coil Assy-Chill Plates and Tubing	28NOV05A	40*	30JAN06	184	60	24,292.80	40,488.00	* ORNLEM =240hr ;																																															
1416A-177	Side A Coil Assy-Check and Promote	31JAN06	10	13FEB06	184		0.00	6,748.00	* ORNLEM =40hr ;																																															
1416A-181	Side B Coil Assy-Cladding Asm	01SEP05A	100*	30JAN06	153	90	35,629.21	39,588.01	* EA/EM =230hr ;																																															
1416A-185	Side B Coil Assy-Cond Layers, Geom Files	28NOV05A	40*	30JAN06	184	60	4,048.80	6,748.00	* ORNLEM =40hr ;																																															
1416A-189	Side B Coil Assy-Magnetic Loops	28NOV05A	40*	30JAN06	184	30	1,012.20	3,374.00	* ORNLEM =20hr ;																																															
1416A-193	Side B Coil Assy-Chill Plates and Tubing	28NOV05A	40*	30JAN06	184	60	25,064.64	41,774.40	* EA/EM =240hr ;																																															
1416A-197	Side B Coil Assy-Check and Promote	31JAN06	10	13FEB06	184		0.00	6,748.00	* ORNLEM =40hr ;																																															
1416A-201	Coil Post VPI mods-Studs Removed	03DEC05A	54*	24FEB06	170	30	1,012.20	3,374.00	* ORNLEM =20hr ;																																															
1416A-205	Coil Post VPI mods-Clamp Arrangement	03DEC05A	54*	24FEB06	170	70	4,723.60	6,748.00	* ORNLEM =40hr ;																																															
1416A-209	Coil Post VPI mods-Check and Promote	27FEB06	5	03MAR06	170		0.00	3,374.00	* ORNLEM =20hr ;																																															
1416A-213	Clamp Assy-Clamp Hardware	28NOV05A	40*	23DEC05A	100		674.80	674.80	* ORNLEM =04hr ;																																															
1416A-217	Clamp Assy-Check and Promote	01DEC05A	1	23DEC05A	100		674.80	674.80	* ORNLEM =04hr ;																																															
1416A-221	I&C-Strain Gages and T/C	01MAR06*	3	03MAR06	165		0.00	3,374.00	* ORNLEM =20hr ;																																															

Run Date 23JAN06 09:21



 ECP-41 Status_Forecast
 xecp-41 baseline
 Progress Bar
 Critical Activity

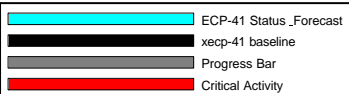
0512

NCSX
Status through January 1st
ECP-41 Baseline

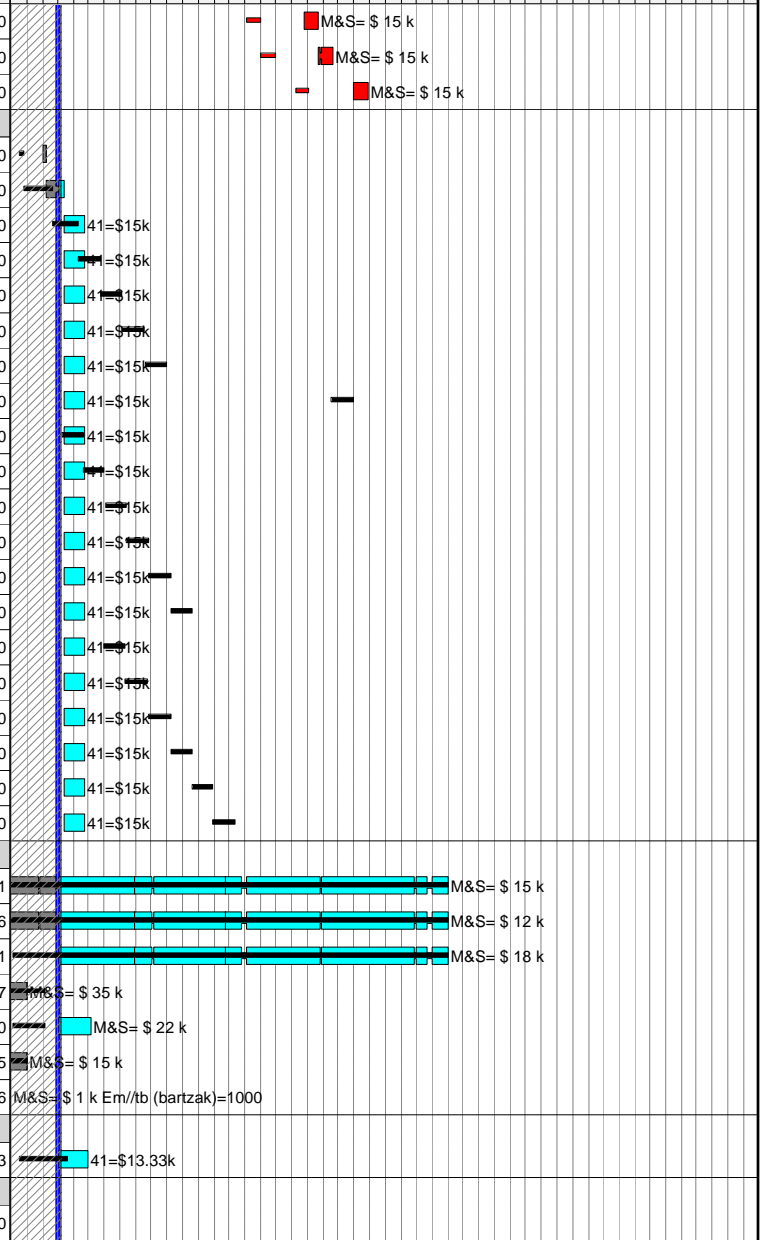
Sheet 15 of 56

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days = 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06				FY07				FY08				FY09																			
									OND	J	F	M	J	J	A	S	OND	J	F	M	J	J	A	S	OND	J	F	M	J	J	A	S	OND	J	F	M	J	J	A	S
1416A-225	I&C-Rogowski Coils	01MAR06*	5	07MAR06	163		0.00	6,748.00																												■ ORNLEM =40hr ;				
1416A-229	I&C-Check and Promote	08MAR06*	5	14MAR06	163		0.00	3,374.00																												■ ORNLEM =20hr ;				
1416A-233	Coil-to-Coil -Current Feed Insul, Covers	01MAR06*	5	07MAR06	163		0.00	3,374.00																												■ ORNLEM =20hr ;				
1416A-237	Coil-to-Coil -Windings Insul Blanket	01MAR06*	5	07MAR06	163		0.00	3,374.00																												■ ORNLEM =20hr ;				
1416A-241	Coil-to-Coil -Bushing Installation	01MAR06*	5	07MAR06	163		0.00	3,374.00																												■ ORNLEM =20hr ;				
1416A-245	Coil-to-Coil -Check and Promote	08MAR06	5	14MAR06	163		0.00	3,374.00																												■ ORNLEM =20hr ;				
1416A-249	-Type-A Coil Asm Specification	01FEB06*	5	07FEB06	178		0.00	6,748.00																												■ ORNLEM =40hr ;				
1416A-253	-Review and Approve Type-A Spec	08FEB06	5	14FEB06	178		0.00	3,374.00																												■ ORNLEM =20hr ;				
1416A-257	-Update Coil Fab Procedures	01MAR06*	5	07MAR06	168		0.00	3,374.00																												■ ORNLEM =20hr ;				
1416A-261	-Prepare and Conduct FDR	15MAR06*	5	21MAR06	163		0.00	6,748.00																												■ ORNLEM =40hr ;				
1416A-262	TYPE A FDR		0	21MAR06	163		0.00	0.00																												▼				
1416A-265	-Resolve FDR Comments	22MAR06	10	04APR06	163		0.00	6,748.00																												■ ORNLEM =40hr ;				
Winding and Assembly Design-Type B																																								
1416B-105	-Subasm Shrinkwrap	11APR06*	5	17APR06	201		0.00	6,748.00																												■ ORNLEM =40hr ;				
1416B-109	-Check and Promote	18APR06	5	24APR06	201		0.00	3,372.31																												■ ORNLEM =20hr ;				
1416B-113	MCWF mods-As-Built MCWF	01DEC05A	45*	09FEB06	248	30	2,024.40	6,748.00																												■ ORNLEM =40hr ;				
1416B-117	MCWF mods-Studs, Lead Block Mount	10FEB06*	5	16FEB06	243		0.00	6,748.00																												■ ORNLEM =40hr ;				
1416B-121	MCWF mods-Seal Groove Adapter	20FEB06*	5	24FEB06	237		0.00	6,748.00																												■ ORNLEM =40hr ;				
1416B-125	MCWF mods-Metrology Data Files	23FEB06*	3	27FEB06	236		0.00	3,372.31																												■ ORNLEM =20hr ;				
1416B-129	MCWF mods-Check and Promote	28FEB06	5	06MAR06	236		0.00	3,372.31																												■ ORNLEM =20hr ;				
1416B-133	Lead Block Assy-Lead Blocks	28NOV05A	48*	09FEB06	199	30	4,047.79	13,492.63																												■ ORNLEM =80hr ;				
1416B-137	Lead Block Assy-Top and Side Plates	28NOV05A	48*	09FEB06	199	30	4,047.79	13,492.63																												■ ORNLEM =80hr ;				
1416B-141	Lead Block Assy-Detail Parts, Intrlink	10MAR06*	5	16MAR06	174		0.00	6,748.00																												■ ORNLEM =40hr ;				
1416B-145	Lead Block Assy-Filament Data Files	06MAR06*	5	10MAR06	178		0.00	3,372.31																												■ ORNLEM =20hr ;				
1416B-149	Lead Block Assy-Check and Promote	17MAR06	5	23MAR06	174		0.00	3,372.31																												■ ORNLEM =20hr ;				
1416B-153	Lead Terminals-Splice Plates	27FEB06*	5	03MAR06	183		0.00	3,372.31																												■ ORNLEM =20hr ;				
1416B-157	Lead Terminals-Check and Promote	06MAR06*	5	10MAR06	183		0.00	3,372.31																												■ ORNLEM =20hr ;				
1416B-161	Side A Coil Assy-Cladding Asm	03DEC05A	35	20FEB06	205	30	14,169.28	47,230.94																												■ ORNLEM =280hr ;				
1416B-165	Side A Coil Assy-Cond Layers, Geom Files	28FEB06*	5	06MAR06	226		0.00	6,748.00																												■ ORNLEM =40hr ;				
1416B-169	Side A Coil Assy-Magnetic Loops	03MAR06*	5	09MAR06	223		0.00	3,372.31																												■ ORNLEM =20hr ;				
1416B-173	Side A Coil Assy-Chill Plates and Tubing	07MAR06*	45	08MAY06	181		0.00	60,723.57																												■ ORNLEM =360hr ;				
1416B-177	Side A Coil Assy-Check and Promote	09MAY06	10	22MAY06	181		0.00	6,748.00																												■ ORNLEM =40hr ;				
1416B-181	Side B Coil Assy-Cladding Asm	03DEC05A	35	20FEB06	205	30	14,619.47	48,731.58																												■ EA/EM =280hr ;				
1416B-185	Side B Coil Assy-Cond Layers, Geom Files	28FEB06*	5	06MAR06	226		0.00	6,748.00																												■ ORNLEM =40hr ;				
1416B-189	Side B Coil Assy-Magnetic Loops	03MAR06*	5	09MAR06	223		0.00	3,372.31																												■ ORNLEM =20hr ;				
1416B-193	Side B Coil Assy-Chill Plates and Tubing	07MAR06*	45	08MAY06	181		0.00	62,652.90																												■ EA/EM =360hr ;				
1416B-197	Side B Coil Assy-Check and Promote	09MAY06	10	22MAY06	181		0.00	6,748.00																												■ ORNLEM =40hr ;				

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06				FY07				FY08				FY09																							
									O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	E
									Gantt Chart (Activity bars with start/end dates and values like 41=\$2.8k, M&S=\$19.1k)																																			
1408-745	Fabr Lead HW Type B for Coil b5	12MAY06	40	10JUL06	332		0.00	26,186.10	M&S = \$19.1k																																			
1408-747	Fabr Lead HW Type B for Coil b6	12MAY06	40	10JUL06	390		0.00	26,186.10	M&S = \$19.1k																																			
Chill Plates																																												
1408-605	PPPL Fabr Chill Plts Type C for Coil c1	28NOV05A	20*	22DEC05A		100	383.88	3,838.80	41=\$2.8k																																			
1408-601	Submet Requisition for Type C Chill Plts	28NOV05A	5	30NOV05A		100	0.00	0.00																																				
1408-603	Bid and Award Type C Chill Plts	01DEC05A	30	05DEC05A		100	0.00	0.00																																				
1408-607	Fabr Chill Plts Type C for Coil c2	03JAN06	20	30JAN06	161		0.00	3,838.80	41=\$2.8k																																			
1408-609	Fabr Chill Plts Type C for Coil c3	03JAN06	20	30JAN06	181		0.00	3,838.80	41=\$2.8k																																			
1408-611	Fabr Chill Plts Type C for Coil c4	03JAN06	20	30JAN06	208		0.00	3,838.80	41=\$2.8k																																			
1408-613	Fabr Chill Plts Type C for Coil c5	03JAN06	20	30JAN06	228		0.00	3,838.80	41=\$2.8k																																			
1408-615	Fabr Chill Plts Type C for Coil c6	03JAN06	20	30JAN06	491		0.00	3,838.80	41=\$2.8k																																			
1408-617	Submet Requisition for Type A Chill Plts	31JAN06	5	06FEB06	200		0.00	0.00																																				
1408-619	Bid and Award Type A Chill Plts	07FEB06	30	20MAR06	200		0.00	0.00																																				
1408-621	Fabr Chill Plts Type A for Coil a1	21MAR06	20	17APR06	200		0.00	3,838.80	41=\$2.8k																																			
1408-623	Fabr Chill Plts Type A for Coil a2	21MAR06	20	17APR06	220		0.00	3,838.80	41=\$2.8k																																			
1408-625	Fabr Chill Plts Type A for Coil a3	21MAR06	20	17APR06	247		0.00	3,838.80	41=\$2.8k																																			
1408-627	Fabr Chill Plts Type A for Coil a4	21MAR06	20	17APR06	294		0.00	3,838.80	41=\$2.8k																																			
1408-629	Fabr Chill Plts Type A for Coil a5	21MAR06	20	17APR06	315		0.00	3,838.80	41=\$2.8k																																			
1408-631	Fabr Chill Plts Type A for Coil a6	21MAR06	20	17APR06	471		0.00	3,838.80	41=\$2.8k																																			
1408-633	Submet Requisition for Type B Chill Plts	09MAY06	5	15MAY06	197		0.00	0.00																																				
1408-635	Bid and Award Type B Chill Plts	16MAY06	30	27JUN06	197		0.00	0.00																																				
1408-637	Fabr Chill Plts Type B for Coil b1	28JUN06	20	26JUL06	197		0.00	3,838.80	41=\$2.8k																																			
1408-639	Fabr Chill Plts Type B for Coil b2	28JUN06	20	26JUL06	272		0.00	3,838.80	41=\$2.8k																																			
1408-641	Fabr Chill Plts Type B for Coil b3	28JUN06	20	26JUL06	308		0.00	3,838.80	41=\$2.8k																																			
1408-643	Fabr Chill Plts Type B for Coil b4	28JUN06	20	26JUL06	320		0.00	3,838.80	41=\$2.8k																																			
1408-645	Fabr Chill Plts Type B for Coil b5	28JUN06	20	26JUL06	355		0.00	3,838.80	41=\$2.8k																																			
1408-647	Fabr Chill Plts Type B for Coil b6	28JUN06	20	26JUL06	413		0.00	3,838.80	41=\$2.8k																																			
Tubing																																												
1408-761	Submet Requisition for Tubing	28NOV05A	5	30NOV05A			0.00	0.00																																				
1408-763	Bid and Award Tubing (PE006392)	03JAN06A	0*	21DEC05A			0.00	0.00																																				
1408-765	Deliver Tubing	03JAN06	10	16JAN06	143		0.00	2,742.00	41=\$2k																																			
Epoxy																																												
1408-111	Epoxy - Requisition	01JAN05A	5	31JAN05A		100	0.00	0.00																																				
1408-114	Epoxy -Evaluate Bids & Award	01MAY05A	10	31MAY05A		100	0.00	0.00																																				
1408-117	Epoxy -1st Delivery for Production	13JAN06	20	09FEB06	240		0.00	20,565.00	M&S= \$ 15 k																																			
1408-119	Epoxy -2nd Delivery for Production	07APR06	20	04MAY06	200		0.00	20,565.00	M&S= \$ 15 k																																			
1408-121	Epoxy -3rd Delivery for Production	08DEC06	20	12JAN07	101		0.00	20,565.00	M&S= \$ 15 k																																			



Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06				FY07				FY08				FY09										
									ONDJ	FMA	MJJ	AS	ONDJ	FMA	MJJ	AS	ONDJ	FMA	MJJ	AS	ONDJ	FMA	MJJ	AS							
1408-123	Epoxy -4th Delivery for Production	25APR07	20	22MAY07	51		0.00	20,565.00																							
1408-125	Epoxy -5th Delivery for Production	23MAY07	20	20JUN07	84		0.00	20,565.00																							
1408-127	Epoxy -6th Delivery for Production	31JUL07	20	27AUG07	76		0.00	20,565.00																							
Clamps																															
1408-901	Submet Requisition for Type C Clamps	01DEC05A	5	07DEC05A			0.00	0.00																							
1408-903	Bid and Award Type C Clamps (PE6417)	08DEC05A	19*	11JAN06	265		0.00	0.00																							
1408-905	Fabr Clamps Type C for Coil c1	12JAN06	28	20FEB06	265		0.00	20,565.00																							
1408-907	Fabr Clamps Type C for Coil c2	12JAN06	28	20FEB06	274		0.00	20,565.00																							
1408-909	Fabr Clamps Type C for Coil c3	12JAN06	28	20FEB06	283		0.00	20,565.00																							
1408-911	Fabr Clamps Type C for Coil c4	12JAN06	28	20FEB06	292		0.00	20,565.00																							
1408-913	Fabr Clamps Type C for Coil c5	12JAN06	28	20FEB06	301		0.00	20,565.00																							
1408-915	Fabr Clamps Type C for Coil c6	12JAN06	28	20FEB06	529		0.00	20,565.00																							
1408-921	Fabr Clamps Type A for Coil a1	12JAN06	28	20FEB06	310		0.00	20,565.00																							
1408-923	Fabr Clamps Type A for Coil a2	12JAN06	28	20FEB06	319		0.00	20,565.00																							
1408-925	Fabr Clamps Type A for Coil a3	12JAN06	28	20FEB06	328		0.00	20,565.00																							
1408-927	Fabr Clamps Type A for Coil a4	12JAN06	28	20FEB06	370		0.00	20,565.00																							
1408-929	Fabr Clamps Type A for Coil a5	12JAN06	28	20FEB06	435		0.00	20,565.00																							
1408-931	Fabr Clamps Type A for Coil a6	12JAN06	28	20FEB06	538		0.00	20,565.00																							
1408-937	Fabr Clamps Type B for Coil b1	12JAN06	28	20FEB06	337		0.00	20,565.00																							
1408-939	Fabr Clamps Type B for Coil b2	12JAN06	28	20FEB06	379		0.00	20,565.00																							
1408-941	Fabr Clamps Type B for Coil b3	12JAN06	28	20FEB06	444		0.00	20,565.00																							
1408-943	Fabr Clamps Type B for Coil b4	12JAN06	28	20FEB06	471		0.00	20,565.00																							
1408-945	Fabr Clamps Type B for Coil b5	12JAN06	28	20FEB06	520		0.00	20,565.00																							
1408-947	Fabr Clamps Type B for Coil b6	12JAN06	28	20FEB06	547		0.00	20,565.00																							
Other																															
1408-137	Safety & PPE equip & supplies	01MAY05A	689*	31JAN08	434	40		8,165.04	20,412.61																						
1408-138	Misc. Supplies	01JUL05A	646*	31JAN08	434	70		11,475.70	16,393.86																						
1408-173	Epoxy for Shell Mold (Hysol)	03JAN06*	523*	31JAN08	434			0.00	24,771.61																						
1408-183	Tubing (Chem flor and Poly)	01SEP05A	67*	31OCT05A		100		46,373.37	46,373.37																						
1408-184	Vulcanizing tape, felt and RTV	03JAN06*	45	06MAR06	912			0.00	30,162.00																						
1408-185	Valves and Fittings	01AUG05A	66*	31OCT05A		100		19,644.55	19,644.55																						
1408-186	Manifolds	01SEP05A	209	30SEP05A		100		75,850.56	75,850.56																						
I&C																															
174-035	Modular Coil local I&C -Procurement	03JAN06	40	27FEB06	260			0.00	18,275.43																						
FY05CV-21	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				33,000.00	33,000.00																						



Run Date 23JAN06 09:21

- ECP-41 Status _Forecast
- xecp-41 baseline
- Progress Bar
- Critical Activity

0512

NCSX

Status through January 1st

ECP-41 Baseline

Sheet 20 of 56

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06				FY07				FY08				FY09																																				
									OND	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Job: 1411-MCWF Fabrication S005242-HEITZENROEDER																																																									
172-031	Title III engr	24MAY04A	340*	30SEP05A		LOE	76,273.90	76,273.90	Heitzenroeder =158hr; Williamson = 92hr ; travel=\$22k																																																
172-031.1	Title III engr	01OCT05A	350*	01MAR07	660	LOE	27,746.47	167,147.43	Heitzenroeder =640hr; Williamson = 107 hr ; travel=\$26k																																																
MCWF-001	EIO Project Mgt. & Reporting	29OCT04A	497*	02OCT06	773	67	608,916.10	908,830.00	48=909 ;																																																
MCWF-011	Pattern A complete	29OCT04A	126*	01APR05A		100	290,125.00	290,125.00																																																	
MCWF-021	Pattern B complete	01DEC04A	220*	30SEP05A		100	255,120.00	255,120.00	48=235 ;																																																
MCWF-031	Major Tool Tooling Complete	29OCT04A	82*	28FEB05A		100	628,622.00	628,622.00																																																	
MCWF-041	Materials (MetalTek)	29NOV04A	282*	31AUG05A		100	744,750.00	744,750.00																																																	
MCWF-051	C1-MTK-casting upgrade	20DEC04A	63*	31MAR05A		100	146,248.12	146,248.12																																																	
MCWF-061	C1-MTM - machining/inspection	01APR05A	136*	30SEP05A		100	154,910.00	154,910.00	48=155 ;																																																
C-121.1	First MCWF C-1 Delivered		0	30SEP05A			0.00	0.00																																																	
MCWF-071	C1-Receive at PPPL		0	03OCT05A			0.00	0.00																																																	
MCWF-081	C2-MTK-casting	01APR05A	66*	27JUN05A		100	142,920.00	142,920.00																																																	
MCWF-091	C2-MTM - machining/inspection	28JUN05A	125*	16DEC05A		100	154,910.00	154,910.00	48=155 ;																																																
MCWF-101	C2-Receive at PPPL		0	16DEC05A		100	0.00	0.00																																																	
MCWF-141	C3-MTK-casting	12MAY05A	102*	19SEP05A		100	142,920.00	142,920.00																																																	
MCWF-151	C3-MTM - machining/inspection	20SEP05A	97*	13FEB06	29	75	116,182.50	154,910.00	48=155 ;																																																
MCWF-161	C3-Receive at PPPL		0	13FEB06	124		0.00	0.00																																																	
MCWF-201	C4-MTK-casting	16MAY05A	122*	31OCT05A		100	142,920.00	142,920.00	48=141 ;+2.11k heat treatment ecp34																																																
MCWF-211	C4-MTM - machining/inspection	31OCT05A	88*	13MAR06	42	45	69,709.50	154,910.00	48=155 ;																																																
MCWF-221	C4-Receive at PPPL		0	13MAR06	42		0.00	0.00																																																	
MCWF-261	C5-MTK-casting	30MAY05A	128*	30NOV05A		100	142,920.00	142,920.00	48=141 ;+2.11k heat treatment ecp34																																																
MCWF-271	C5-MTM - machining/inspection	01DEC05A	90*	13APR06	42	15	23,236.50	154,910.00	48=155 ;																																																
MCWF-281	C5-Receive at PPPL		0	17APR06	42		0.00	0.00																																																	
MCWF-111	A1-MTK-casting	22APR05A	116*	08SEP05A		100	143,110.00	143,110.00																																																	
MCWF-121	A1-MTM - machining/inspection	09SEP05A	101*	17MAY06	42	11	17,040.10	154,910.00	48=155 ;																																																
MCWF-131	A1-Receive at PPPL		0	22MAY06	42		0.00	0.00																																																	
MCWF-291	C6-MTK-casting	16JUN05A	155*	01FEB06	63	60	85,752.00	142,920.00	48=141 ;+2.11k heat treatment ecp34																																																
MCWF-301	C6-MTM - machining/inspection	03MAR06	80*	23JUN06	42		0.00	154,910.00	48=155 ;																																																
MCWF-311	C6-Receive at PPPL		0	27JUN06	42		0.00	0.00																																																	
MCWF-171	A2-MTK-casting	17AUG05A	91*	23DEC05A		100	142,920.00	142,920.00	48=141 ;+2.11k heat treatment ecp34																																																
MCWF-181	A2-MTM - machining/inspection	07APR06	80*	31JUL06	42		0.00	154,910.00	48=155 ;																																																
MCWF-191	A2-Receive at PPPL		0	02AUG06	42		0.00	0.00																																																	
MCWF-351	A3-MTK-casting	26SEP05A	82*	27JAN06	116	70	100,177.00	143,110.00	48=141 ;+2.11k heat treatment ecp34																																																
MCWF-361	A3-MTM - machining/inspection	12MAY06	80*	05SEP06	42		0.00	154,910.00	48=155 ;																																																
MCWF-371	A3-Receive at PPPL		0	07SEP06	42		0.00	0.00																																																	

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06				FY07				FY08				FY09			
									O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A E															
MCWF-231	B1-MTK-casting	16SEP05A	79	16JAN06	150	57	81,464.40	142,920.00	48=141 ; +2.11k heat treatment ecp34															
MCWF-241	B1-MTM - machining/inspection	19JUN06	80	10OCT06	42		0.00	154,910.00	48=155 ;															
MCWF-251	B1-Receive at PPPL		0	12OCT06	42		0.00	0.00																
MCWF-381	A4-MTK-casting	15DEC05A	48	28FEB06	143	50	71,460.00	142,920.00	48=141 ; +2.11k heat treatment ecp34															
MCWF-391	A4-MTM - machining/inspection	24JUL06	80	13NOV06	42		0.00	154,910.00	48=155 ;															
MCWF-401	A4-Receive at PPPL		0	16NOV06	42		0.00	0.00																
MCWF-411	A5-MTK-casting	10JAN06*	75	24APR06	129	5	7,146.00	142,920.00	48=141 ; +2.11k heat treatment ecp34															
MCWF-421	A5-MTM - machining/inspection	28AUG06	80	20DEC06	42		0.00	154,910.00	48=155 ;															
MCWF-431	A5-Receive at PPPL		0	02JAN07	42		0.00	0.00																
MCWF-441	A6-MTK-casting	20FEB06*	75	05JUN06	126		0.00	142,920.00	48=141 ; +2.11k heat treatment ecp34															
MCWF-451	A6-MTM - machining/inspection	04OCT06	80	02FEB07	42		0.00	155,000.00	48=155 ;															
MCWF-461	A6-Receive at PPPL		0	06FEB07	42		0.00	0.00																
MCWF-321	B2-MTK-casting	08MAR06*	75	21JUN06	139		0.00	142,920.00	48=141 ; +2.11k heat treatment ecp34															
MCWF-331	B2-MTM - machining/inspection	08NOV06	80	09MAR07	42		0.00	154,910.00	48=155 ;															
MCWF-341	B2-Receive at PPPL		0	13MAR07	42		0.00	0.00																
MCWF-471	B3-MTK-casting	23MAR06*	75	07JUL06	177		0.00	142,920.00	48=141 ; +2.11k heat treatment ecp34															
MCWF-481	B3-MTM - machining/inspection	15DEC06	80	13APR07	66		0.00	154,910.00	48=155 ;															
MCWF-491	B3-Receive at PPPL		0	17APR07	66		0.00	0.00																
MCWF-501	B4-MTK-casting	01MAY06*	75	15AUG06	175		0.00	142,920.00	48=141 ; +2.11k heat treatment ecp34															
MCWF-511	B4-MTM - machining/inspection	29JAN07	80	18MAY07	66		0.00	154,910.00	48=155 ;															
MCWF-521	B4-Receive at PPPL		0	22MAY07	66		0.00	0.00																
MCWF-531	B5-MTK-casting	01JUN06*	75	15SEP06	187		0.00	142,920.00	48=141 ; +2.11k heat treatment ecp34															
MCWF-541	B5-MTM - machining/inspection	02MAR07	80	22JUN07	76		0.00	154,910.00	48=155 ;															
MCWF-551	B5-Receive at PPPL		0	27JUN07	76		0.00	0.00																
MCWF-561	B6-MTK-casting	15JUN06*	75	29SEP06	236		0.00	142,920.00	48=141 ; +2.11k heat treatment ecp34															
MCWF-571	B6-MTM - machining/inspection	06APR07	80	30JUL07	110		0.00	154,910.00	48=155 ;															
MCWF-581	B6-Receive at PPPL		0	02AUG07	110		0.00	0.00																
C-501B1	Last MCWF Delivered		0	02AUG07	110		0.00	0.00																
FY05CV-23	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			275,000.00	275,000.00																

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

Job: 1451 - Mod Coil Winding-CHRZANOWSKI

Station 1 Prep casring & Install Cladding

C1RW	C1 rework	03OCT05A	5	07OCT05A		100	46,663.50	46,663.50
1451TRAIN	Training for winding teams	25JUL05A	3	29JUL05A		100	0.00	0.00
P1-001	Rec C1, Prep& Instl Cladding>> @125% 1 shift	10OCT05A	23	24OCT05A		100	54,727.68	54,727.68
P1-091	Receive C2, Prep& Instl Cladding	19DEC05A	21	24JAN06		134	25,252.92	44,303.36

EM/TB = 672 hrs
EM/TB = 544 hrs

Run Date 23JAN06 09:21

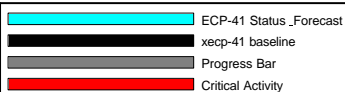
ECP-41 Status_Forecast
xecp-41 baseline
Progress Bar
Critical Activity

0512

**NCSX
Status through January 1st
ECP-41 Baseline**

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06												FY07												FY08												FY09											
									ONDJ			FMA			MJJ			JAS			ONDJ			FMA			MJJ			JAS			ONDJ			FMA			MJJ			JAS			ONDJ			FMA			MJJ			JAE		
									O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	E
Job: 1414 Coil Testing-Gettelfinger																																																								
Twisted Racetrack Hardware Fabrication																																																								
1409-141	Modify Cryostat for TRC	01APR05A	107*	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		100	30,844.24	30,844.24	em//tb=128; ee//tb=56; Hatcher=40; Gettelfinger=40; Gernhardt=40																																															
1406-023	Hi-pot & Dissect Coil	03OCT05A	0*	31OCT05A		100	26,060.80	26,060.80	Keams=40, hause=40 em//tb=240																																															
Production Modular Coils																																																								
1409-130	Production Cryostat Design	26SEP05A	26*	31OCT05A		100	6,839.71	6,839.71	Gettelfinger =40																																															
1409-135	Production Cryostat Fabr & Install	31JAN06*	22	01MAR06	338		0.00	35,291.60	41=\$10k; em//tb=265																																															
1409-136	Valve/pump repairs&safety mods to cryo pp sys	01DEC05A	38*	31JAN06	359	20	4,774.24	23,871.20	41=3;em//tb=200;em//em=20																																															
1409-199	Closed Loop Facility Available for Production MC		0	01MAR06	338		0.00	0.00																																																
162-100	Kickless cable testing	01MAR06*	11*	15MAR06	328		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	16MAR06	7	24MAR06	328		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	14SEP06	7	22SEP06	201		0.00	22,740.93	EM/TB=176,EE/TB=72,EE/SM=20,EE/EM=16,EM/EM=28,																																															
P1-051	Test Coil (Coil Test Stand) B1	13FEB07	7	21FEB07	101		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			88,000.00	88,000.00																																																
Job: 1421-Mod Coil Interface Hardware-WILLIAMSON																																																								
Coil-to-coil Interface Design																																																								
1403-11.1	Compl assembly / interface drawings for ICDs	01NOV04A	309*	31JAN06	936	90	28,530.47	31,700.52	Hargrove,Lovett=80 williamson=40																																															
1403-16	Assembly bolts, nuts,washers	01OCT04A	401*	30JUN06	151	60	8,454.58	14,090.97	ornl=80+8 hrs																																															
1403-17	Assembly shims	01OCT04A	401*	30JUN06	151	60	12,297.58	20,495.96	ornl=80+48=128																																															
1403-18	Eccentric ball assembly	08NOV04A	375*	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	829	60	18,446.36	30,743.94	ornl=120+72=192																																															
1403-19A	Bladder Details	01JUL05A	215*	30JUN06	151	20	4,475.98	22,379.91	ornl=80+56=136																																															
1403-20	3 coil assembly specification	01AUG06*	40	25SEP06	201		0.00	26,992.00	ornl=160																																															
1421-100	Submet Requisition for - Assy bolts,nuts,washers	24JUL06*	10	04AUG06	137		0.00	2,699.20	williamson=16 hrs																																															
1421-105	Procurement lead time for-Assy bolts,nuts,washer	07AUG06	40	29SEP06	137		0.00	0.00																																																
1421-110	Deliver - Assy bolts,nuts,washers	02OCT06	60	03JAN07	137		0.00	449,000.00	m&s=\$449k																																															
1421-200	Submet Requisition for - Assembly shims	24JUL06*	10	04AUG06	137		0.00	2,699.20	williamson=16 hrs																																															
1421-205	Procurement lead time for - Assembly shims	07AUG06	40	29SEP06	137		0.00	0.00																																																
1421-210	Deliver - Assembly shims	02OCT06	60	03JAN07	137		0.00	138,000.00	m&s=\$138k																																															
1421-400	Submet Requisition for - Bladders	24JUL06*	10	04AUG06	137		0.00	2,699.20	williamson=16 hrs																																															
1421-405	Procurement lead time for - Bladders	07AUG06	40	29SEP06	137		0.00	0.00																																																
1421-410	Deliver - Bladders	02OCT06	60	03JAN07	137		0.00	60,000.00	m&s=\$60k																																															

Run Date 23JAN06 09:21



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NCSX
 Status through January 1st
 ECP-41 Baseline

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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06				FY07				FY08				FY09																	
									OND	J	F	M	A	M	J	J	A	S	OND	J	F	M	A	M	J	J	A	S	OND	J	F	M	A	M	J	J	A	E
									162-037	WBS 151 Coil Support Struc Procurement [A/1]	03OCT06	249	01OCT07	161		0.00	1,013,788.47																					
162-031	Title III engr WBS 151	03OCT06	249	01OCT07	511		0.00	153,878.32																														
153.037	WBS 153 Support Structure I&C	03OCT06*	249	01OCT07	511		0.00	9,022.42																														
153.015	Title III design WBS 153 local&C	03OCT06*	249	01OCT07	511		0.00	1,048.11																														
16 - Coil Services																																						
Job: 1601 - Coil Services Design-WILLIAMSON																																						
161 - LN2 Distribution																																						
191-001	Title I design WBS 161 LN2 manifolds&pipng	03JUL06*	65	03OCT06	369		0.00	56,302.56																														
191-011	Title II design WBS 161 LN2 manifolds&pipng	04OCT06	60	05JAN07	369		0.00	114,923.30																														
191-031	Title III engr WBS 161	08JAN07	280	18FEB08	419		0.00	16,421.82																														
191-037	Procurement WBS 161	08JAN07	130	10JUL07	369		0.00	72,594.45																														
191-038	PDR#17	11JUL07*	86	08NOV07	483		0.00	61,326.15																														
191-041	LN2 Manifolds & ppg Fab/assy/instrl WBS 161	11JUL07*	62	05OCT07	369		0.00	33,006.93																														
191-042	PDR #17,25,3	11JUL07*	65	10OCT07	504		0.00	10,537.57																														
162 - Electrical Leads																																						
132-000	PDR #17 & 25	02OCT06	325	24JAN08	436		0.00	41,396.19																														
132-001	Title I design WBS 162 Coil leads	02OCT06*	130	11APR07	303		0.00	153,159.10																														
132-011	Title II design WBS 162 Coil leads	12APR07	130	15OCT07	303		0.00	153,686.42																														
132-015	Title III design WBS 162 Coil leads	16OCT07*	60	17JAN08	441		0.00	18,618.16																														
132-037	Coil Leads Procurement WBS 162	16OCT07*	60	17JAN08	303		0.00	314,186.10																														
163 - Coil Protection System																																						
163.001	Title I design WBS 163 Coil protection	02OCT06*	65	10JAN07	656		0.00	42,744.60																														
163.011	Title II design WBS 163 Coil protection	11JAN07	40	07MAR07	656		0.00	42,744.60																														
17 - Cryostat and Base Support Structure																																						
Job:1701-Cryostat&Base Sprt Strct Dsn-GETTLFINGER																																						
Prior Costs																																						
1701-001	Apr-Sept MIE Costs PPPL	01APR03A	54	30SEP03A		100	12,180.00	12,180.00																														
FY05CV-27	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			178,000.00	178,000.00																														
Base Support																																						
161-001	Revise Preliminary Design for new supt locations	01APR04A	541*	31MAY06	358	90	46,136.13	51,262.37																														
151-003	Base Support Struct PDR		0	31MAY06*	358		0.00	0.00																														
161-011	Final Design Base Support Structure WBS 172	01JUN06	45	03AUG06	358		0.00	64,639.22																														
172-199	Base Support Structure FDR		0	03AUG06	358		0.00	0.00																														
Cryostat																																						
151-000	Adv Concep Design Cryostat shell & struct	01DEC03A	103*	31MAR04A		100	6,000.00	6,000.00																														
151-001	Title I design WBS 171 cryostat	01APR04A	270*	29APR05A		100	125,850.61	125,850.61																														
151-002	Cryostat PDR		0	29APR05A		100	0.00	0.00																														
171-100	Investigate Alt Cryostat Architecture	01DEC05A	23*	10JAN06	345	50	0.00	0.00																														

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Status through January 1st
ECP-41 Baseline

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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06				FY07				FY08				FY09																																							
									OND	J	F	M	A	M	J	J	A	S	O	N	D	OND	J	F	M	A	M	J	J	A	S	O	N	D	OND	J	F	M	A	M	J	J	A	S	O	N	D	OND	J	F	M	A	M	J	J	A	S	O	N	D
									Gantt Chart Area																																																			
171-101	Finalize cryostat penetrations for VV	11JAN06	15*	31JAN06	345		0.00	0.00	UNFUNDED EAC= gettellfinger 24.																																																			
171-102	Select gas-filled insulation-all svcs	11JAN06	15*	31JAN06	345		0.00	0.00	UNFUNDED EAC= gettellfinger 16																																																			
171-103	Finalize cryo midplane arch	16JAN06*	32*	28FEB06	325		0.00	0.00	UNFUNDED EAC= gettellfinger 24, messineo32																																																			
171-104	Plan WBS 16 interface	15FEB06*	33*	31MAR06	302		0.00	0.00	UNFUNDED EAC= gettellfinger 16, messineo 80																																																			
151-011	Final Design Cryostat WBS 171	04AUG06*	231	09JUL07	215		0.00	242,331.96	Gettelfinger =976hr ;Messineo =593hr ;																																																			
171-199	Cryostat FDR		0	26APR07	215		0.00	0.00																																																				
Job: 1751 - Cryostat Procurement																																																												
171 - Cryostat																																																												
151-031	Title III engr	27APR07	405	03DEC08	215		0.00	32,954.79	Gettelfinger =34hr ; messineo=220																																																			
151-036.8	Prep Spec, Solicit bids, and Select Vendor	27APR07	65	30JUL07	215		0.00	0.00																																																				
151-036.9	Award Cryostat Procurement		0	01OCT07*	242		0.00	0.00																																																				
151-037	Cryostat Procurement [A/1]	02OCT07	141	25APR08	242		0.00	507,236.35	41=358.47\$K ; 35=02\$K ;																																																			
Job: 1752 - Base Support Structure Procurement																																																												
172 - Base Support Structure																																																												
161-031	Title III engr WBS 172	06FEB07	240	22JAN08	438		0.00	10,726.43	Gettelfinger =60hr ;																																																			
161-036.8	Prep Spec, Solicit bids, and Select Vendor	06FEB07*	65	07MAY07	235		0.00	0.00																																																				
161-036.9	Award Machine Base&supports Procurement		0	07MAY07	235		0.00	0.00																																																				
161-037	Machine Base&supports Procurement [A/1]	08MAY07	90	13SEP07	235		0.00	300,678.83	41=238\$K ; 35=02\$K ;																																																			
18 - Field Period Assembly																																																												
Job: 1801-Field Period Assly -CHRZANOWSKI (ORNL)																																																												
Prior Costs																																																												
1801-001	Apr-Sept MIE Costs PPPL	01APR03A	42	30SEP03A	100		7,750.00	7,750.00																																																				
1801-002	Apr-Sept MIE Costs ORNL	01APR03A	42	30SEP03A	100		53,050.00	53,050.00																																																				
Job: 1802 - FP Assy Oversight&Support-VIOLA																																																												
Oversight and Supervision																																																												
181.200	HP Coverage in the TFTR TC LOE FY04	02FEB04A	171*	30SEP04A	LOE		61,119.60	61,119.60																																																				
181.201	D-Site Shift Supervisor LOE FY04	01JUL04A	64*	30SEP04A	LOE		25,920.40	25,920.40																																																				
181.210	HP Coverage in the TFTR TC LOE FY05	01OCT04A	249*	30SEP05A	LOE		136,539.00	136,539.00	sh/tb=1300 (.75 fte)																																																			
181.222	HP Coverage in the TFTR TC LOE FY06	01OCT05A	250*	02OCT06	760		34,180.29	147,328.84	sh/tb=1300 (.75 fte)																																																			
181.220	HP Coverage in the TFTR TC LOE FY07	02OCT06*	250*	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	261		0.00	154,583.00	sh/tb=1300 (.75 fte)																																																			
181.100	PPPL EM LOE FY04	13OCT03A	242*	30SEP04A	LOE		77,518.74	77,518.74																																																				
181.110	PPPL EM LOE FY05	01OCT04A	249*	30SEP05A	LOE		9,625.20	9,625.20	Viola=60																																																			
181.120	PPPL EM LOE FY06	03JAN06*	192*	02OCT06	760		0.00	204,418.03	Viola=1178 85% for FY06																																																			
181.2A	Procedure for VV prep	03JAN06*	20	30JAN06	287		0.00	0.00																																																				
181.2B	Procedure for MC HP subassy	01AUG06*	15	21AUG06	224		0.00	0.00																																																				
181.2C	Procedure for MC instl on VV	01SEP06*	15	22SEP06	258		0.00	0.00																																																				
181.2D	Procedure for TF HP sub assy	02OCT06*	15	20OCT06	277		0.00	0.00																																																				

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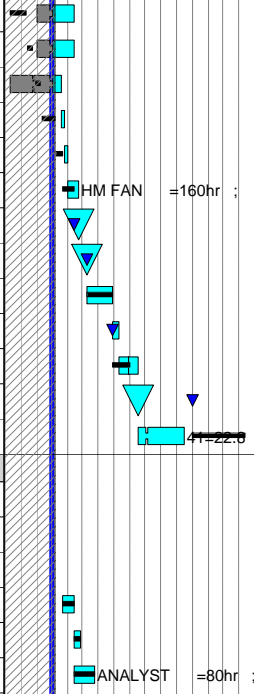
■ ECP-41 Status_Forecast
■ xecp-41 baseline
■ Progress Bar
■ Critical Activity

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NCSX
 Status through January 1st
ECP-41 Baseline

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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days = 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06				FY07				FY08				FY09																							
									O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
3.10 MC Turning Fixture-Industry Option																																												
1803-3.10A	Issue dwgs	02MAY05A	30	31MAY05A		100	20,243.80	20,243.80																																				
180303.10A	Issue RFP		0	31MAY05A		100	0.00	0.00																																				
1803-3.10C	Proposals Due		0	17JUN05A		100	0.00	0.00																																				
1803-3.14	DECISION ON APPROACH		0	31AUG05A		100	0.00	0.00																																				
3.20 MC Turning Fixture-Crane Option																																												
1803-3.30	Develop Crane Design Option	01MAY05A	6*	31MAY05A		100	0.00	0.00																																				
1803-3.33	Design Equivalent Test Simulation Model	16MAY05A	33*	17JUN05A		100	6,416.80	6,416.80																																				
1803-3.36	Design Test Track	20JUN05A	7	24JUN05A		100	6,416.80	6,416.80																																				
1803-3.39	Fab Test Track	27JUN05A	24*	29JUL05A		100	56,326.60	56,326.60																																				
1803-3.40	Site Prep	27JUN05A	5	30JUN05A		100	0.00	0.00																																				
1803-3.43	Assembly of Test Article	29JUL05A	5	29JUL05A		100	11,923.20	11,923.20																																				
1803-3.46	Metrology set-up	29JUL05A	5	29JUL05A		100	0.00	0.00																																				
1803-3.49	Run Test	29JUL05A	3	29JUL05A		100	11,004.00	11,004.00																																				
1803-3.50	Test Evaluation and Write up	31AUG05A	0*	31AUG05A		100	2,566.72	2,566.72																																				
1803-3.52	DECISION ON APPROACH		0	31AUG05A		100	0.00	0.00																																				
1803-3.15	MC Crane load support sys	01DEC05A	46*	10FEB06	283	30	0.00	0.00																																				
1803-3.60	Laser Screen Guide Mods	01DEC05A	46*	10FEB06	258	50	0.00	0.00																																				
1803-3.62	VV support stand and misc fixtures	10OCT05A	63*	16JAN06	277	75	0.00	0.00																																				
1803-3.64	Platform for flange bolting	17JAN06*	5	23JAN06	277		0.00	0.00																																				
1803-3.66	Metrology layout	24JAN06*	5	30JAN06	277		0.00	0.00																																				
1803-3.07	Seismic Analysis check	31JAN06*	15	20FEB06	277		0.00	27,849.60																																				
1803-3.15B	PDR Turning fixture & Base		0	20FEB06*	277		0.00	0.00																																				
1803-3.15E	FDR Turning fixture & Base		0	08MAR06*	265		0.00	0.00																																				
1803-3.07A	Issue drawing package	09MAR06*	35	26APR06	265		0.00	0.00																																				
1803-3.08A	Issue RFP	27APR06	10	10MAY06	265		0.00	0.00																																				
1803-3.08B	Recieve & Evaluate Bids	11MAY06	25	15JUN06	265		0.00	0.00																																				
1803-3.15D	Award Fabrication Contract		0	15JUN06	265		0.00	0.00																																				
1803-3.15C	Fab Crane Support & Laser screens	16JUN06	65	15SEP06	265		0.00	31,258.80																																				
4.00-TF HP Assembly																																												
1803-4.01	Concept definition and requirements	01MAR05A	5	28MAR05A		100	10,704.00	10,704.00																																				
1803-4.03	TF HP support turning fixture - model design d	01APR05A	15	30JUN05A		100	14,265.00	14,265.00																																				
1803-5.002	TF Rotation Fixture plus dwgs start	02MAY05A	129*	30SEP05A		100	32,592.00	32,592.00																																				
1803-4.06	TF Rotation Fixture plus dwgs complete	23JAN06*	15*	10FEB06	351		0.00	0.00																																				
1803-4.06A	Metrology layout	13FEB06*	10*	24FEB06	370		0.00	0.00																																				
1803-4.07	Structural / Seismic Analysis check	13FEB06*	30*	24MAR06	351		0.00	13,924.80																																				
1803-4.08	PDR Final FP Assy	28FEB06	1	28FEB06*	369		0.00	0.00																																				



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	ECP-41 Status_Forecast
	xecp-41 baseline
	Progress Bar
	Critical Activity

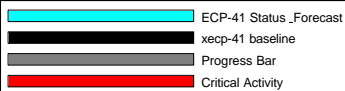
0512

NCSX
Status through January 1st
ECP-41 Baseline

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06				FY07				FY08				FY09																							
									O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	E
									Gantt chart area with activity bars and EM/TB values																																			
S2P1-200	Assemble Mod-Coils a2.b2,c2 FP 1 right	04JUL07	27	09AUG07	44		0.00	73,233.60	EM//TB =880hr ;																																			
S2P2-100	Assemble Mod-Coils a3.b3,c3 FP 2 left	11SEP07	27	17OCT07	59		0.00	74,182.70	EM//TB =880hr ;																																			
S2P2-200	Assemble Mod-Coils a4.b4,c4 FP 2 right	18OCT07	27	23NOV07	59		0.00	75,204.80	EM//TB =880hr ;																																			
S2P3-100	Assemble Mod-Coils a5.b5,c5 FP 3 left	10JAN08	27	15FEB08	57		0.00	75,204.80	EM//TB =880hr ;																																			
S2P3-200	Assemble Mod-Coils a6.b6,c6 FP 3 right	18FEB08	27	25MAR08	57		0.00	75,204.80	EM//TB =880hr ;																																			
Stage 3 MC Instl (rotate MC over Vsl)-FP#1																																												
S3P1-000	Begin Assembly of First Field Period Assy	13OCT06	0		246		0.00	0.00	<p>.....</p> <p>▲ BEGIN ASSEMBLY OF FIRST FIELD PERIOD DO LEVEL 2 MILESTONE PEP DATE = JULY 2007</p> <p>.....</p>																																			
S3P1-101	VV to MC turning fixt base; metr check	13OCT06	2	16OCT06	246		0.00	3,994.56	EM//TB =48hr																																			
S3P1-101.1	Attach local protective strips to VV&locate sens	17OCT06	2	18OCT06	246		0.00	2,663.04	EM//TB =32hr ;																																			
S3P1-102	Mount MC on crane; perform metr checks	10AUG07	2	13AUG07	44		0.00	3,994.56	EM//TB =48hr																																			
S3P1-103	Rotate right MC to stand-off position&chk	14AUG07	3	16AUG07	44		0.00	5,991.84	EM//TB =72hr ;																																			
S3P1-104	Transfer load to sprt sys and recheck position	17AUG07	2	20AUG07	44		0.00	3,994.56	EM//TB =48hr ;																																			
S3P1-105	Move MC turning fixt; mount MC on crane	21AUG07	1	21AUG07	44		0.00	1,997.28	EM//TB =24hr ;																																			
S3P1-106	Rotate left MC to stand-off position and check p	22AUG07	2	23AUG07	44		0.00	3,994.56	EM//TB =48hr																																			
S3P1-107	Move left & right MC to final position & measure	24AUG07	2	27AUG07	44		0.00	3,994.56	EM//TB =48hr ;																																			
S3P1-108	Install shims (as reqd); ream 24 holes	28AUG07	7	05SEP07	44		0.00	23,301.60	EM//TB =280hr ;																																			
S3P1-109	Bolt together at flange interface.	06SEP07	2	07SEP07	44		0.00	3,994.56	EM//TB =48hr ;																																			
S3P1-110	Perform final metrology position check	10SEP07	2	11SEP07	44		0.00	2,663.04	EM//TB =32hr ;																																			
S3P1-110.1	Remove temp interference strips&sensors	12SEP07	1	12SEP07	44		0.00	665.76	EM//TB =8hr ;																																			
S3P1-111	Secure VV to MC's using temporary supports.	13SEP07	2	14SEP07	44		0.00	3,994.56	EM//TB =48hr ;																																			
S3P1-112	Prep& xfr completed assembly to Stage 4 area	17SEP07	1	17SEP07	44		0.00	1,997.28	EM//TB =24hr ;																																			
Stage 3 MC Instl (rotate MC over Vsl)-FP#2																																												
S3P2-101	Mount VV to MC turning fixt base; metr check	18SEP07	2	19SEP07	97		0.00	3,994.56	EM//TB =48hr ;																																			
S3P2-101.1	Attach local protective strips to VV&locate sens	20SEP07	2	21SEP07	97		0.00	2,663.04	EM//TB =32hr ;																																			
S3P2-102	Mount MC on crane; perform metr checks	18OCT07	2	19OCT07	79		0.00	4,102.08	EM//TB =48hr ;																																			
S3P2-103	Rotate right MC to stand-off position&chk	22OCT07	3	24OCT07	79		0.00	6,153.12	EM//TB =72hr ;																																			
S3P2-104	Transfer load to supt sys and recheck position	25OCT07	2	26OCT07	79		0.00	4,102.08	EM//TB =48hr ;																																			
S3P2-105	Move MC turning fixt; mount MC on crane	26NOV07	1	26NOV07	59		0.00	2,051.04	EM//TB =24hr ;																																			
S3P2-106	Rotate left MC to stand-off position and check p	27NOV07	2	28NOV07	59		0.00	4,102.08	EM//TB =48hr ;																																			
S3P2-107	Move left & right MC to final position & measure	03DEC07	2	04DEC07	59		0.00	4,102.08	EM//TB =48hr ;																																			
S3P2-108	Install shims (as reqd); ream 24 holes	05DEC07	7	13DEC07	59		0.00	23,928.80	EM//TB =280hr ;																																			
S3P2-109	Bolt together at flange interface.	14DEC07	2	17DEC07	59		0.00	4,102.08	EM//TB =48hr ;																																			
S3P2-110	Perform final metrology position check	18DEC07	2	19DEC07	59		0.00	2,734.72	EM//TB =32hr ;																																			
S3P2-110.1	Remove temp interference strips&sensors	20DEC07	1	20DEC07	59		0.00	683.68	EM//TB =8hr ;																																			
S3P2-111	Secure VV to MC's using temporary supports.	21DEC07	2	02JAN08	59		0.00	4,102.08	EM//TB =48hr ;																																			

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06				FY07				FY08				FY09																																															
									O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
S3P2-112	Prep& xfr completed assembly to Stage 4 area	03JAN08	1	03JAN08	59		0.00	2,051.04	EM//TB =24hr ;																																																											
Stage 3 MC Instl (rotate MC over Vsl)-FP#3																																																																				
S3P3-101	Mount VV to MC turning fixt base; metr check	04JAN08	2	07JAN08	111		0.00	4,102.08	EM//TB =48hr ;																																																											
S3P3-101.1	Attach local protective strips to VV&locate sens	08JAN08	2	09JAN08	111		0.00	2,734.72	EM//TB =32hr ;																																																											
S3P3-102	Mount MC on crane; perform metr checks	26MAR08	2	27MAR08	57		0.00	4,102.08	EM//TB =48hr ;																																																											
S3P3-103	Rotate right MC to stand-off position&chk	28MAR08	3	01APR08	57		0.00	6,153.12	EM//TB =72hr ;																																																											
S3P3-104	Transfer load to supt sysand recheck position	02APR08	2	03APR08	57		0.00	4,102.08	EM//TB =48hr ;																																																											
S3P3-105	Move MC turning fixt; mount MC on crane	04APR08	1	04APR08	57		0.00	2,051.04	EM//TB =24hr ;																																																											
S3P3-106	Rotate left MC to stand-off position and check p	07APR08	2	08APR08	57		0.00	4,102.08	EM//TB =48hr ;																																																											
S3P3-107	Move left & right MC to final position & measure	09APR08	2	10APR08	57		0.00	4,102.08	EM//TB =48hr ;																																																											
S3P3-108	Install shims (as reqd); ream 24 holes	11APR08	7	21APR08	57		0.00	23,928.80	EM//TB =280hr ;																																																											
S3P3-109	Bolt together at flange interface.	22APR08	2	23APR08	57		0.00	4,102.08	EM//TB =48hr ;																																																											
S3P3-110	Perform final metrology position check	24APR08	2	25APR08	57		0.00	2,734.72	EM//TB =32hr ;																																																											
S3P3-110.1	Remove temp interference strips&sensors	28APR08	1	28APR08	57		0.00	683.68	EM//TB =8hr ;																																																											
S3P3-111	Secure VV to MC's using temporary supports.	29APR08	2	30APR08	57		0.00	4,102.08	EM//TB =48hr ;																																																											
S3P3-112	Prep& xfr completed assembly to Stage 4 area	01MAY08	1	01MAY08	57		0.00	2,051.04	EM//TB =24hr ;																																																											
Station 5 - TF HP Pre-Assy (bolt 3 TF together)																																																																				
184-100	Assemble 3 TF coils&structure -Left-Period #1	13APR07	15	03MAY07	161		0.00	37,110.40	em//sm=80; em//tb=320																																																											
184-105	Assemble 3 TF coils&structure -Right -Period #1	04MAY07	10	17MAY07	161		0.00	37,110.40	em//sm=80; em//tb=320																																																											
184-110	Assemble 3 TF coils&structure -Left-Period #2	18MAY07	10	01JUN07	225		0.00	37,110.40	em//sm=80; em//tb=320																																																											
184-115	Assemble 3 TF coils&structure -Right -Period #2	04JUN07	10	15JUN07	225		0.00	37,110.40	em//sm=80; em//tb=320																																																											
184-120	Assemble 3 TF coils&structure -Left -Period #3	09AUG07	10	22AUG07	248		0.00	37,110.40	em//sm=80; em//tb=320																																																											
184-125	Assemble 3 TF coils&structure -Right -Period #3	02OCT07	10	15OCT07	221		0.00	38,108.80	em//sm=80; em//tb=320																																																											
Stage 4 - Final FP Assy (Instl ports & TF's)FP#1																																																																				
S4P1-101	Mount MC/VV assembly to support frame a	18SEP07	2	19SEP07	44		0.00	3,994.56	EM//TB =48hr ;																																																											
S4P1-102	Position and weld all ports to VV	20SEP07	20	17OCT07	44		0.00	81,288.96	EM//TB =960hr ;																																																											
S4P1-103	Inspect Welds	18OCT07	5	24OCT07	44		0.00	6,836.80	EM//TB =80hr ;																																																											
S4P1-104	Assemble left TF Coil Assembly check position	25OCT07	3	29OCT07	44		0.00	8,204.16	EM//TB =96hr ;																																																											
S4P1-105	Change platforms	30OCT07	2	31OCT07	44		0.00	4,102.08	EM//TB =48hr ;																																																											
S4P1-106	Assemble right TF Coil Assembly chk position	01NOV07	3	05NOV07	44		0.00	8,204.16	EM//TB =96hr ;																																																											
S4P1-107	Attach TF coils to MC's	06NOV07	3	08NOV07	44		0.00	6,153.12	EM//TB =72hr ;																																																											
S4P1-108	Change platforms	09NOV07	2	12NOV07	45		0.00	5,469.44	EM//TB =64hr ;																																																											
S4P1-109	Position, weld two large horizontal diag ports	13NOV07	8	22NOV07	45		0.00	16,408.32	EM//TB =192hr ;																																																											
S4P1-110	Inspect Welds	23NOV07	1	23NOV07	45		0.00	1,367.36	EM//TB =16hr ;																																																											
S4P1-111	Assemble external trim coils to TF Coil	06NOV07	15	26NOV07	44		0.00	20,510.40	EM//TB =240hr ;																																																											
S4P1-112	Close up VV, leak check	27NOV07	10	12DEC07	44		0.00	54,694.40	EM//TB =640hr ;																																																											
S4P1-113	Adjust final support base interfaces	13DEC07	10	04JAN08	44		0.00	4,102.08	EM//TB =48hr ;																																																											

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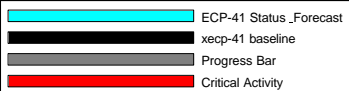
NCSX
Status through January 1st
ECP-41 Baseline

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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06												FY07												FY08												FY09											
									ONDJFMAMJJASO			NDJFMAMJJASO			NDJFMAMJJASO			NDJFMAMJJASO			ONDJFMAMJJASO			NDJFMAMJJASO			NDJFMAMJJASO			NDJFMAMJJASO			NDJFMAMJJASO																							
									O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
S4P3-115X	Last field period assembled		0	12SEP08	44		0.00	0.00	***** LAST FIELD PERIOD ASSEMBLED DOE LEVEL 2 MILESTONE PEP DATE = NOVEMBER 2008 *****																																															
19 - Stellarator Core Management and Integration																																																								
Job: 1901 - Stellarator Core Mngtt&Integr-NELSON																																																								
Prior Costs																																																								
1901-002	Apr-Sept MIE Costs ORNL	01APR03A	248	30SEP03A		100	187,090.00	187,090.00																																																
1901-003	Apr-Sept MIE Costs PPPL	01APR03A	248	30SEP03A		100	67,070.00	67,070.00																																																
1901-ECP16	ecp16	01OCT03A	250*	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		LOE	101,500.00	101,500.00																																																
0191-5	LOE-FY05 WBS 191	01OCT04A	249*	30SEP05A		LOE	175,500.00	175,500.00	NELSON 1100 ;35=5 k																																															
0191-6	LOE-FY06 WBS 191	03OCT05A	249*	29SEP06	514	LOE	46,081.34	197,774.00	NELSON 1100 ;35=5 k																																															
0191-6X	LOE-FY07 WBS 191	03OCT06*	247	27SEP07	513	LOE	0.00	201,498.00	NELSON 1100 35=5 k																																															
0191-7	LOE-FY08 WBS 191	03OCT07*	247	26SEP08	263	LOE	0.00	99,976.00	NELSON 488 35=5 k																																															
191-8	LOE-FY089 WBS 191	03OCT08*	130	02APR09	129	LOE	0.00	51,804.00	NELSON 244 35=5 k																																															
192 - Stellarator Core Integration & Analysis																																																								
192-4	LOE-FY05 WBS 192-4 Design Integration	01OCT03A	250*	30SEP04A		LOE	234,660.11	234,660.11																																																
192-5	LOE-FY05 WBS 192-5 VV & Coil Services Integr	01OCT03A	250*	30SEP04A		LOE	36,676.65	36,676.65																																																
192-6	LOE-FY05 WBS 192-6 Integrated Analysis	01OCT03A	271	30SEP04A		LOE	42,333.00	42,333.00																																																
192-6.07	Time constant calcs using SPARK	01APR04A	42*	28MAY04A		100	6,180.00	6,180.00																																																
192-6.08	Indep check time constant calcs using	01MAY04A	138*	30SEP04A		100	10,295.20	10,295.20																																																
192-6.09	Revised VV geometry	02FEB04A	6	27FEB04A		100	3,090.00	3,090.00																																																
192-6.10	MC interf during assly, geometry, assly trajecto	02FEB04A	31	27FEB04A		100	32,957.60	32,957.60																																																
192-6.11	Range of motion reqts for Assly MC fixture.	02FEB04A	20	27FEB04A		100	17,507.60	17,507.60																																																
192-6.12	Final Check & Verification	01MAY04A	6	28MAY04A		100	3,708.00	3,708.00																																																
192-6.2	Final Mod Coil Trajectories		0	27FEB04A			0.00	0.00																																																
192-6.5	Structural Design criteria		0	28MAY04A		100	0.00	0.00																																																
192-6.01	Document coil tolerance and trim coil requiremen	01MAR04A	357*	29JUL05A		100	19,284.37	19,284.37																																																
192-6.02	Check critical coil tolerance calculations.	01APR04A	207*	31JAN05A		100	11,098.48	11,098.48																																																
192-6.03	Method for determining current center	01FEB04A	234*	30DEC04A		100	86,626.35	86,626.35																																																
192-6.06	Coil positions to minimize islands.	02FEB04A	270	28FEB05A		100	66,401.76	66,401.76																																																
192-6.031	Demo Method for current center on TRC	18JUN05A	133*	03JAN06	956	90	64,802.78	72,003.09	ea/em tbd=80 ;81=36.36 strickler=80;em/sm=80																																															
0192-5	LOE-FY05 WBS 192	01OCT04A	249*	30SEP05A		LOE	280,350.00	280,350.00	cole=200; Jones=400 ornlm&s=\$29.95 ;35= 5 k																																															
0192-6	LOE-FY06 WBS 192	03OCT05A	249*	29SEP06	519	LOE	72,808.18	312,481.45	cole=1600 ornlm&s=\$29.95 35= 5 k																																															
0192-6X	LOE-FY07 WBS 192	03OCT06*	242	20SEP07	518	LOE	0.00	158,033.60	cole=667 ornlm&s=\$29.95 35= 5 k																																															
0192-7	LOE-FY08 WBS 192	03OCT07*	242	19SEP08	268	LOE	0.00	151,531.40	cole=600 ornlm&s=\$29.95 35= 5 k																																															

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days=1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06												FY07												FY08												FY09																																																							
									ONDJ			FMAMJ			JAS			ONDJ			FMAMJ			JAS			ONDJ			FMAMJ			JAS			ONDJ			FMAMJ			JAE																																																										
									0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91
0192-99	LOE-FY09	01OCT08*	130	31MAR09	131	LOE	0.00	101,860.00													COLE=400; orn135=3 orn141=\$20k																																																																															
FY05CV-31	FY05 unrecoverable cost variance	01OCT04A	251	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	227		0.00	6,205.50																																					Blanchard =35hr ;																																																							
21-15	Design Gas Handling Hardware	03APR07	65	03JUL07	227		0.00	5,240.00																																					EM//SM =40hr ;																																																							
21-20	Design PLC Controls	03APR07	65	03JUL07	292		0.00	10,353.60																																					EE//SM =80hr ;																																																							
21-25	Electrical Drafting for pumping system	03APR07	65	03JUL07	292		0.00	14,203.20																																					EA//DM =120hr ;																																																							
21-30	Drafting	03APR07	65	03JUL07	292		0.00	9,468.80																																					EA//DM =80hr ;																																																							
21-35	Eng. Work Planning and Design during fab	04JUL07	65	02OCT07	292		0.00	3,548.94																																					Blanchard =20hr ;																																																							
21-40	Fabrication/Install Hardware	04JUL07	65	02OCT07	227		0.00	3,933.25																																					EM//SM =30hr ;																																																							
21-45	Fabrication/installation	03OCT07	65	14JAN08	227		0.00	23,523.50																																					EM//SM =75hr ; EM//TB =75hr ; 41=5\$K ;																																																							
21-55	Install PLC Controls	03OCT07	65	14JAN08	227		0.00	5,316.40																																					EE//SM =40hr ;																																																							
21-60	Integrated Systems Testing/Eng	03OCT07	65	14JAN08	227		0.00	3,641.60																																					Blanchard =20hr ;																																																							
21-65	Integrated Systems Testing/Tech Support	15JAN08	45	17MAR08	227		0.00	2,658.20																																					EE//SM =20hr ;																																																							
22 - Torus Vacuum Pumping Systems																																																																																																				
Job: 2001-VPS, Gas & Cond Sys Oversight-BLANCHARD																																																																																																				
Prior Costs																																																																																																				
2001-001	Apr-May MIE Cost	01APR03A	43*	30MAY03A		100	38,000.00	38,000.00																																																																																												
2001-100	PDR Support	01JUN03A	164*	30SEP03A		LOE	25,667.20	25,667.20																																																																																												
Job: 2201 - Vacuum Pumping Systems																																																																																																				
22-25	Eng. Work Planning and Design	01MAY07*	40	26JUN07	230		0.00	28,210.00																																					Blanchard =100hr ; EM//SM =80hr ;																																																							
22-30	Design PLC based control system	27JUN07	50	04SEP07	270		0.00	41,414.40																																					EE//SM =320hr ;																																																							
22-35	Electrical Drafting for pumping system	27JUN07	50	04SEP07	290		0.00	24,855.60																																					EA//DM =210hr ;																																																							
22-40	Drafting	27JUN07	50	04SEP07	230		0.00	18,937.60																																					EA//DM =160hr ;																																																							
22-45	Eng. Work Planning and Design during fab	05SEP07	40	30OCT07	250		0.00	16,193.61																																					Blanchard =90hr ;																																																							
22-50	Perform maint. & repair of pmpg sys	05SEP07	40	30OCT07	230		0.00	10,634.88																																					EM//SM =80hr ;																																																							
22-55	Repair and Calibration of vac instrumentation	31OCT07	60	04FEB08	250		0.00	10,761.60																																					EM//SM =80hr ;																																																							
22-60	Fabrication/installation	31OCT07	80	03MAR08	230		0.00	125,323.80																																					EM//SM =450hr ; EM//TB =380hr ; 41=23\$K ;																																																							
22-65	Fab PLC conrols	31OCT07	80	03MAR08	230		0.00	66,225.60																																					EE//SM =160hr ; 41=32\$K ;																																																							
22-70	Integrated Systems Testing/Eng	04MAR08	20	31MAR08	230		0.00	7,283.20																																					Blanchard =40hr ;																																																							
22-75	Integrated Systems Testing/Tech Support	04MAR08	20	31MAR08	230		0.00	5,316.40																																					EE//SM =40hr ;																																																							

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Status through January 1st
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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	Calendar																										
									FY06			FY07			FY08			FY09																	
									O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
25 - Neutral Beam Injection System																																			
Job: 2501 - Neutral Beam Refurbishment-STEVENSON																																			
FY04 Work Plan																																			
2501-014	FY04 work accomplished	03NOV03A	227	30JUN04A			81,334.78	81,334.78																											
2501-014.1	FY04 work closeout *TBD*	01JUL04A	64*	30SEP04A		LOE	48,614.06	48,614.06																											
Prior Costs																																			
2501-001	Apr-Sept MIE Cost	01APR03A	43*	30SEP03A		100	123,000.00	123,000.00																											
Refurbishment**CD-3 deleted scope																																			
25-099	FY04 work accomplished	01MAR04A	846*	30JUN04A			21,384.62	21,384.62																											
Re-Install Beamline**CD-3 deleted scope																																			
25-190.1	33) Fabr BL alignment measur fixture,	01JUN04A	699*	30JUN04A			2,060.33	2,060.33																											
Re-Install Cables**CD-3 deleted scope																																			
25-225.1	Cabling-Design & WP Procedures	01APR04A	872*	30JUN04A			4,812.60	4,812.60																											
25-230.1	Cabling-Fabr and Install new Junction Box	02JUN04A	190	30JUN04A			727.68	727.68																											
Beamline Connections**CD-3 deleted scope																																			
25-310.1	Drafting Labor Support	01JUN04A	298	30JUN04A			2,433.60	2,433.60																											
3 - Diagnostics																																			
31 - Magnetic Diagnostics																																			
Job: 3101 Magnetic Diagnostics																																			
Vacuum Vessel Saddle Loops																																			
3101-105	DEVELOP LOCATING, MOUNTING STRATEGY	01JAN05A	20	31JAN05A		100	1,000.00	1,000.00																											
3101-109	INTEGRATE LOOP AND LEAD DESIGN WITH	01JAN05A	40	28FEB05A		100	6,416.80	6,416.80																											
3101-113	INTEGRATE LAYOUT, MEAS NEEDS W/ VSL	01JAN05A	40	28FEB05A		100	3,208.40	3,208.40																											
3101-117	DEVELOP CONSTRAINTS FOR ARRAY LAYOUT	01JAN05A	20	31JAN05A		100	0.00	0.00																											
3101-121	LAYOUT CANDIDATE SENSOR ARRAY ON	01FEB05A	20	28FEB05A		100	0.00	0.00																											
3101-125	PDR PREP -VESSEL SADDLE LOOP	02MAY05A	5	31MAY05A		100	9,483.60	9,483.60																											
3101-126	PEER REVIEW -VESSEL SADDLE LOOP		0	31MAY05A		100	0.00	0.00																											
3101-129	DESIGN AND PROTOTYPE SADDLE LOOP	01MAR05A	107*	29JUL05A		100	7,643.52	7,643.52																											
3101-133	Prototype loops on vsl proto segment using ARI	01MAR05A	107*	29JUL05A		100	6,189.20	6,189.20																											
3101-137	FINAL OPTIMIZATION OF LOOP LOCATION,	01JAN05A	193*	30SEP05A		100	0.00	0.00																											
3101-149	PREPARE METROLOGY	01JUN05A	87*	31AUG05A		100	6,416.80	6,416.80																											
3101-145	Procure MI Cable	26SEP05A	68*	23DEC05A		100	22,182.57	22,182.57	M&S =15\$k ; LABIK =10hr ;																										
3101-139	Develop ProE model of loops, flat dev, fiducials	26SEP05A	72*	13JAN06		948	85	17,691.71	20,813.78	;Brown=120																									
3101-141	FDR PREP-	01DEC05A	31*	20JAN06		299	50	5,205.30	10,410.60	; LABIK =60hr ;																									
3101-142	FDR - VESSEL SADDLE LOOP TEMPLATES		0	16DEC05A				0.00	0.00																										
3101-143	FDR - VESSEL SADDLE LOOP LAYOUT		0	20JAN06*		943		0.00	0.00																										
3101-153	Fab Installation Templates	23JAN06*	6*	30JAN06		328		0.00	2,911.02	; LABIK =2hr ; MACHINIST =20hr ;																									
3101-146	Procure remaining materials	01OCT05A	62*	06JAN06		935	20	2,484.88	12,424.40	; M&S =4\$k ; LABIK =40hr ;																									
3101-157	Design & fab tooling and clamps	01JUN05A	165*	30JAN06		328	60	7,715.56	12,859.26	; DIAG TECH =20hr ; LABIK =40hr ; MACHINIST =40hr ;																									

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ECP-41 Status_Forecast
 xecp-41 baseline
 Progress Bar
 Critical Activity

NCSX
 Status through January 1st
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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06				FY07				FY08				FY09							
									OND	JFM	AM	JJASON	OND	JFM	AM	JJASON	OND	JFM	AM	JJASON	OND	JFM	AM	JJASON				
3101-514	PDR-MC SHELL SADDLE LOOPS		0	08AUG06	774		0.00	0.00																				
3101-521	FINALIZE LOOP LOCATION/MOUNTING	09AUG06*	8	18AUG06	774		0.00	10,252.20	LABIK =40hr ;stratton=20																			
3101-525	FDR PREP - MC SHELL SADDLE LOOPS	21AUG06	11	04SEP06	774		0.00	6,940.40	LABIK =40hr ;																			
3101-526	FDR - MC SHELL SADDLE LOOPS		0	04SEP06	774		0.00	0.00																				
3101-529	PROCURE MATERIALS	05SEP06	10	18SEP06	774		0.00	10,325.20	M&S =05\$k ; LABIK =20hr ;																			
3101-533	INSTALL MC SHELL SADDLE LOOPS	15MAY07	216*	25MAR08	57		0.00	7,196.45	labik=40;																			
3101-537	INSTALL TERMINATIONS	17SEP07	120	13MAR08	92		0.00	8,750.03	LABIK =20hr ; DIAG TECH =20hr ;																			
Termination Boxes																												
3101-333	Complete termination box design & prototyping	26SEP05A	47*	31OCT05A		100	10,833.80	10,833.80	labik=20;guttadora=60																			
3101-421	FDR of terminations incl in saddle loop FDR	09JAN06*	1	09JAN06	935		0.00	0.00																				
3101-517	Fab termination boxes (24)	10JAN06*	17*	01FEB06	935		0.00	55,597.50	labik=90;machinist=80; diag tech=365																			
3101-517A	Install termination boxes	16AUG06	173*	25APR07	282		0.00	34,017.47	labik=80;machinist=80; diag tech=240																			
FY05CV-32	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			30,000.00	30,000.00																				
36 - Edge and Divertor Diagnostics																												
Job: 3601 - Edge and Divertor Diagnostics																												
361-001	Design Visible Camera sys	04SEP07	40	29OCT07	186		0.00	11,997.15	R//RM2 =28hr ; EM//EM =40hr ;																			
361-015	Fab/Assy/Installation Visible Camera	30OCT07*	130	08MAY08	186		0.00	33,584.00	R//RM2 =98hr ; EM//EM =20hr ; EM//SM =96hr ; 41=0\$k ; use existing camera																			
38 - Electron Beam (EB) Mapping																												
Job: 3801 - Electron Beam Mapping																												
380-010	Design-BEAM Probe, Fluor. Screen	12OCT07	40	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	186		0.00	160,029.00	R//RM2 =160hr ; EE//EM =60hr ; EM//EM =160hr ; EE//SM =80hr ; em//sm=170;41=42																			
39 - Diagnostics Integration																												
Job: 3901 - Diagnostics sys Integration-JOHNSON																												
Prior Costs																												
390-001	LOE Support FY03	01APR03A	151*	30SEP03A		100	155,450.00	155,450.00																				
390-100	Finalize VV ports (number,size,locations)		0	30JUN04A		100	0.00	0.00																				
390-110	Resolve port interferences.Final port config		0	30JUN04A		100	0.00	0.00																				
390-120	Update port map&revise diag port assignments		0	31OCT05A		100	0.00	0.00																				
390-130	Rvw status of existing ICD's w/VV & Mod Coils		0	23DEC05*	952	100	0.00	0.00																				
390-140	Write ICD's-Define external space for diagnostic		0	30JAN06*	932	50	0.00	0.00																				
390-150	Write ICD's-Define space f/racks in cntrl rm		0	30JAN06*	932	50	0.00	0.00																				
390-160	Start recruiting diag team at HTPD conference		0	30JUN04A		100	0.00	0.00																				
390-170	Develop space envelopes for SXR		0	23DEC05*	952	95	0.00	0.00																				

Run Date 23JAN06 09:21

0512

NCSX
Status through January 1st
ECP-41 Baseline

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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	Calendar														
									FY06			FY07			FY08			FY09					
									O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
390-180	Hold CDR's co-wound mag sensors&ext saddle		0	31OCT05A		100	0.00	0.00															
390-010	LOE Support FY04	01OCT03A	250*	30SEP04A		LOE	65,000.00	65,000.00															
390-015	LOE Support FY05 **reduced scope	01OCT04A	249*	30SEP05A		LOE	66,357.30	66,357.30															
390-020	LOE Support FY06	03OCT05A	249*	29SEP06			16,430.00	70,515.03	R///RM2 =177hr ; EM//EM =0 EA//DM =0 ; r///rm3=177														
FY05CV-33	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			-12,000.00	-12,000.00	R///RM2 =177hr ; EM//EM =0 EA//DM =0 ; r///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		100	8,442.00	8,442.00
4101-100.1	Prepare Preliminary One line diagram	06OCT06*	173	18JUN07		584	0.00	1,076.96
411-1-100	Ex-Test cell AC pwr-Reactivate& new instl	06OCT06*	241	24SEP07		516	0.00	60,631.46
411-2-2	Grounding-Dsn	02OCT06*	86	08FEB07		364	0.00	31,305.04
411-2-4	Grounding-Procure	09FEB07*	107	11JUL07		364	0.00	6,855.00
411-2-6	Grounding-Install	10MAY07*	43	11JUL07		364	0.00	64,912.20
411-2-8	Grounding-Commission	12JUL07*	29	21AUG07		364	0.00	16,005.68
411-3-2	Test Cell AC Power Distr-Dsn	02OCT06*	186	29JUN07		400	0.00	3,741.36
411-3-2.04	Test Cell AC Power fy04	01APR04A	186*	30SEP04A		100	73,000.00	73,000.00
411-3-4	Test Cell AC Power Distr-Procure(pnlis & xfrms)	01JUL05A	107*	30NOV06		544 20	8,956.74	44,783.72
411-3-6	Test Cell AC Power Distr-Install	28SEP06*	358	14SEP07		347 50	15,193.77	30,387.53
411-3-8	Test Cell AC Power Distr-Commission	13JUL07*	45	14SEP07		347	0.00	32,011.36
411-4-2	Standby Power for Cryo Sys -Dsn	03JAN06	0	23DEC05		952	0.00	0.00
411-4-4	Standby Power for Cryo Sys -Procure	03JAN06	0	23DEC05		952	0.00	0.00
411-4-6	Standby Power for Cryo Sys -Install	03JAN06	0	23DEC05		952	0.00	0.00

412 - Experimental AC Power Systems

412-1-2	D-site Pulsed AC Power Distr-Dsn	02OCT06*	128	09APR07		236	0.00	11,605.20
412-1-4	D-site Pulsed AC Power Distr-Procure	10APR07	125	04OCT07		236	0.00	6,860.44
412-1-6	D-site Pulsed AC Power Distr-Install	05OCT07	40	03DEC07		236	0.00	18,215.68
412-1-8	D-site Pulsed AC Power Distr-Commission	04DEC07	40	05FEB08		236	0.00	10,866.80

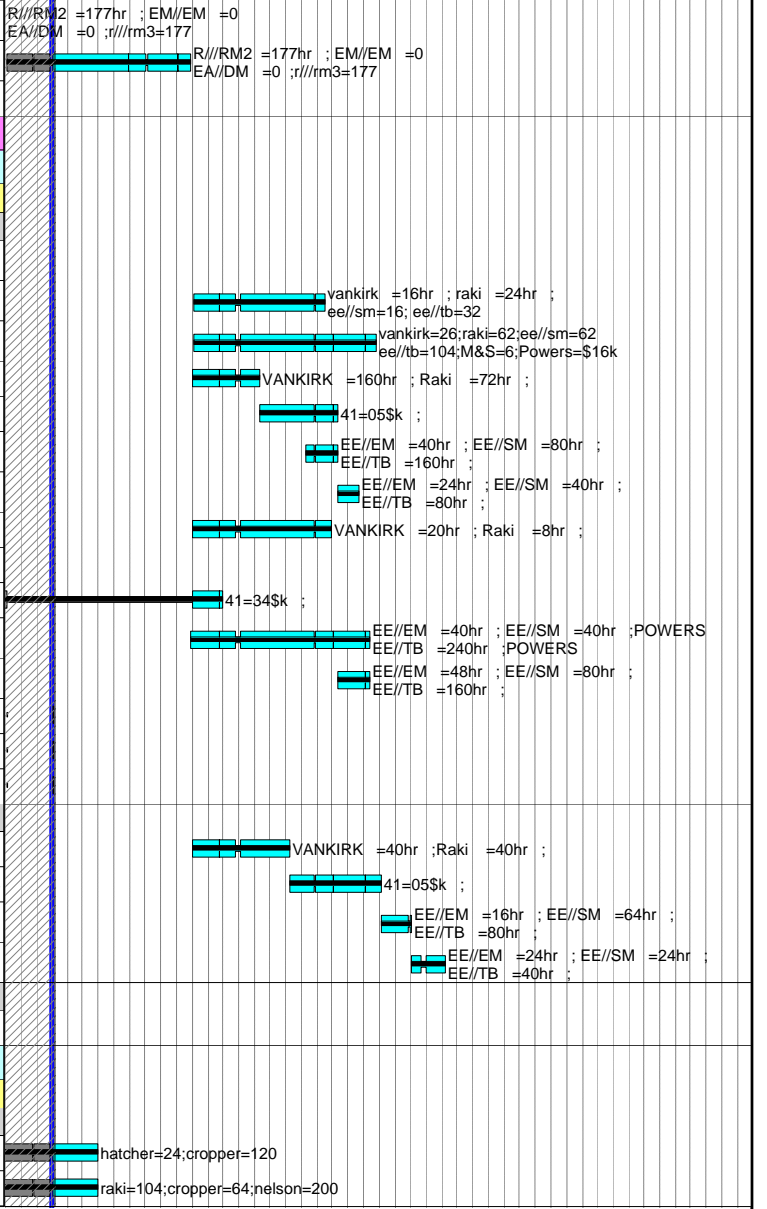
FY05CV-34	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			2,000.00	2,000.00
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43 - DC Systems

Job: 4301 - DC Systems-RAMAKRISHNAN

431 - C-Site DC Systems

431-200	Condition/spare parts inventory	01OCT04A	371*	31MAR06		888 95	16,852.08	17,739.04
431-210	Organize & verify documentation	01OCT04A	371*	31MAR06		888 95	43,123.43	45,393.09



Run Date 23JAN06 09:21

0512

ECP-41 Status_Forecast
xecp-41 baseline
Progress Bar
Critical Activity

NCSX
Status through January 1st
ECP-41 Baseline

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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06				FY07				FY08				FY09																								
									O	N	D	J	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	E
									Gantt Chart																																				
431-215	Document status	01OCT04A	371*	31MAR06	888	90	5,753.57	6,392.85	raki=40																																				
431-225	Reactivate DF & PEI units	01JUL05A	186*	31MAR06	888	90	10,723.80	11,915.33	Hatcher=16;cropper=24;wisowaty=80																																				
431-230	Load test	01JUL05A	186*	31MAR06	888	90	14,520.75	16,134.16	Hatcher=40;mg wisowaty=120																																				
431-240	Simulate each of 6 pwr loops in PSCAD	03JAN06*	64*	31MAR06	888		0.00	13,447.20	Hatcher=80																																				
431-250	c-site dc sys DGS dsn documentation	03JAN06*	64*	31MAR06	888		0.00	7,322.64	raki=16;jones=40																																				
431-260	Power loop design	01NOV04A	350*	23DEC05A		100	111,112.40	111,112.40	raki=24;vankirk=360;jones=360																																				
431-261	Redo power loop design	03JAN06*	185	21SEP06	767		0.00	0.00																																					
431-265	Fabricate bus components	03JAN06*	185	21SEP06	767		0.00	17,600.64	raki=16;ee//sm=40;ee//tb=120																																				
431-275	Power cabling & Installation	02OCT06*	121	29MAR07	492	15D	0.00	214,510.20	raki=40;ee//sm=240;ee//tb=520 powers=90;m&s=7																																				
431-276	Maint of C-site rectifiers	03OCT05A	249*	29SEP06	761	10	0.00	0.00	unfunded EAC=\$22k																																				
FY05CV-35	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			69,000.00	69,000.00																																					
44 - Control and protection Systems																																													
Job: 4401 - Control & Protection-RAMAKRISHNAN																																													
441 - Electrical Interlocks																																													
441-095	Design Interlock sys	03OCT06*	118	27MAR07	224		0.00	32,679.20	raki=80;vankirk=160																																				
441-097	Install Interlock sys	28MAR07	119	13SEP07	309		0.00	29,272.00	raki=80;ee//sm=120																																				
441-100	PLC Specification	28MAR07	85	26JUL07	224		0.00	14,118.32	raki=40;cropper=56																																				
441-105	Prep Block diagrams	28MAR07	85	26JUL07	224		0.00	17,224.40	raki=40;cropper=80																																				
441-110	PLC CWD's & Cabling	27JUL07*	85	23NOV07	224		0.00	22,685.24	marsala=40;cropper=120																																				
441-115	deliver PLC	27JUL07*	85	23NOV07	472		0.00	70,250.00	M&S=50																																				
441-120	Program PLC Logic	26NOV07	45	06FEB08	427		0.00	23,004.80	lawson=40;cropper=120																																				
441-125	Program Control pages	26NOV07	97	18APR08	375		0.00	24,097.84	schneider=32;cropper=120;sichta=16																																				
441-130	Pre-commissioning tests	14SEP07	214	23JUL08	309		0.00	24,377.02	raki=40;cropper=120;M&S=1																																				
441-135	Install I/O Cabling	26NOV07	248	20NOV08	224		0.00	119,268.19	raki=120;ee//sm=80;Powers=30 k ea//sm=160;ee//tb=160;41=\$8k																																				
442 - Kirk Key Interlocks																																													
442-1-2	Kirk Keys-Dsn	02OCT06*	41	29NOV06	290		0.00	16,339.60	EA//DM =80hr ; EE//EM =40hr ;																																				
442-1-4	Kirk Keys-Procure	30NOV06	158	19JUL07	290		0.00	13,710.00	41=10\$ k ;																																				
442-1-6	Kirk Keys-Install	20JUL07	40	14SEP07	290		0.00	44,123.84	EE//EM =16hr ; EE//SM =16hr ; EE//TB =60hr ;																																				
442-1-8	Kirk Keys-Commission	01OCT07	30	09NOV07	290		0.00	7,202.24	EE//EM =16hr ; EE//SM =20hr ; EE//TB =20hr ;																																				
443 - Real Time Control Systems																																													
443-1-2	Develop Control Algorithms-Dsn	23APR07*	142	09NOV07	274		0.00	13,819.68	EE//EM =80hr ;																																				
444 - Instrument Systems																																													
444-2-2	DC Potential Transducers (DCPTs)-Dsn	02OCT06*	95	21FEB07	466		0.00	11,224.08	EA//DM =60hr ; EE//EM =24hr ;																																				
444-2-4	DC Potential Transducers (DCPTs)-Procure	22FEB07	109	26JUL07	466		0.00	8,226.00	41=6k ;																																				
444-2-6	DC Potential Transducers (DCPTs)-Install	27JUL07	51	08OCT07	466		0.00	19,328.29	EE//EM =16hr ; EE//SM =24hr ; EE//TB =160hr ;																																				
444-2-8	DC Potential Transducers (DCPTs)-Commission	09OCT07	40	05DEC07	466		0.00	12,588.60	EE//EM =24hr ; EE//SM =24hr ; EE//TB =60hr ;																																				

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06												FY07												FY08												FY09											
									ONDJFMAMJJASON			ONDJFMAMJJASON			ONDJFMAMJJASON			ONDJFMAMJJASON			ONDJFMAMJJASON			ONDJFMAMJJASON			ONDJFMAMJJASON			ONDJFMAMJJASON			ONDJFMAMJJASON																							
									O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	E
451-2-2	PDR Power system -Dsn	03JAN06	40	27FEB06	719		0.00	45,427.20	vankirk=160;raki=160																																															
451-6-2	FDR C-Site -Cabling	01SEP05A	99*	30JAN06	932	20	6,682.73	33,413.67	VANKIRK =120hr ; Raki =120hr ;																																															
451-2-2.1	FDR C-Site	01NOV05A	270*	30NOV06	719	20	6,841.30	34,206.48	VANKIRK =120hr ; Raki =120hr ;																																															
451-4-2	FDR AC auxiliaries & grounding-Dsn	02JUL07*	45	04SEP07	530		0.00	11,605.20	VANKIRK =40hr ; Raki =40hr ;																																															
451-1-2	Calculations-Dsn	03JAN06*	440*	28SEP07	512		0.00	55,393.30	Raki =320hr ; design=8																																															
452 - Electrical Systems Support																																																								
452-1-2	Diagnostics AC Power Distr-Dsn	03OCT06*	72	22JAN07	186		0.00	89,492.00	EA//DM =640hr ; Raki =80hr ;																																															
452-1-4	Diagnostics AC Power Distr-Procure	23JAN07	182	08OCT07	186		0.00	1,372.12	41=01\$K ;																																															
452-1-6	Diagnostics AC Power Distr-Install	09OCT07	105	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	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	234		0.00	25,808.40	EA//DM =160hr ; Raki =40hr ;																																															
452-2-4	Diagnostics sensor cabling-Procure	08JAN07	185	26SEP07	234		0.00	2,742.00	41=02\$K ;																																															
452-2-6	Diagnostics sensor cabling-Install	27SEP07	65	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	234		0.00	6,292.56	EE//EM =08hr ; EE//SM =16hr ; EE//TB =32hr ;																																															
453 - System Testing (PTP's)																																																								
453-1-2	New Procedures	06OCT06*	90	20FEB07	345		0.00	69,631.20	EA//DM =240hr ; EE//EM =240hr ;																																															
453-1-4	Preop Testing-Procure test equipt	21FEB07*	160	05OCT07	345		0.00	34,301.56	41=25\$K ;																																															
453-1-8	Testing PTPs, ISTPs	19OCT07*	100	18MAR08	236		0.00	213,785.76	EE//SM =240hr ; EE//TB =376hr ; ee//em=768 ; 41=10																																															
FY05CV-37	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			-52,000.00	-52,000.00																																																
46 - FCPC Building Modifications																																																								
Job: 4601 - FCPC Bldg Mods-RAMAKRISHNAN																																																								
Prior Costs																																																								
4601-001	Apr-Sept MIE Cost	01APR03A	43*	30SEP03A		100	1,300.00	1,300.00																																																
5 - Central I&C Systems																																																								
51 - TCP/IP Infrastructure Systems																																																								
Job: 5101 - TCP/IP Infrastructure Systems																																																								
51-10	Preliminary Design (Title I)	01OCT07*	45	04DEC07	239		0.00	6,260.40	EC//EM =40hr ;																																															
51-20	Final Network Design (Title II)	05DEC07	20	09JAN08	239		0.00	6,260.40	EC//EM =40hr ;																																															
51-30	Installation, Testing, Documentation (Title III)	10JAN08	120	26JUN08	239		0.00	267,865.10	EA//DM =160hr ; EC//EM =220hr ; EE//SM =740hr ; 41=82\$K ;																																															
52 - Central Instrumentation & Control																																																								
5201 - I&C Systems																																																								
52-10	Preliminary Design (Title I)	04SEP07*	45	05NOV07	138		0.00	22,288.16	EC//EM =144hr ;																																															
52-20	Final Design (Title II)	06NOV07	87	17MAR08	138		0.00	54,935.01	EC//EM =351hr ;																																															
52-30	Installation, Testing, Documentation (Title III)	18MAR08	173	18NOV08	138		0.00	452,889.24	EC//SM =600hr ; EC//EM =1172hr ; 41=139\$K ;																																															

Run Date 23JAN06 09:21

ECP-41 Status_Forecast
 xecp-41 baseline
 Progress Bar
 Critical Activity

0512
NCSX
 Status through January 1st
ECP-41 Baseline

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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06												FY07												FY08												FY09											
									OND			JFM			AM			JJ			AS			OND			JFM			AM			JJ			AS			OND			JFM			AM			JJ			AE					
									O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	E												
7 - Test Cell Preparation and Machine Assy																																																								
71 - Shield Wall Seismic Modifications																																																								
Job: 7101 - Shield Wall Modif Design-PERRY																																																								
Prior Costs																																																								
7101-000	Apr-Sept MIE Cost PPPL	01APR03A	66	30SEP03A		100	32,150.00	32,150.00																																																
72 - Control Room Refurbishment																																																								
Job: 7201 - Control Room Walls&Floors-PERRY																																																								
710.001	Install Wall east side control room	02OCT06*	24	02NOV06	719		0.00	0.00																																																
711B.050	Complete Control Room Flooring	03NOV06*	18	30NOV06	719		0.00	9,097.92																																																
73 - Platform Design & Fabrication																																																								
Job: 7301 - Platform Design & Fab-PERRY																																																								
712.008	Update Platform Specification	01JUN05A	0*	30JUN05A		100	6,416.80	6,416.80																																																
712.010	Final Design	02MAY05A	43*	30JUN05A		100	53,163.80	53,163.80																																																
711A.040	Platform nut plates	01APR05A	187*	22DEC06	703	90	26,209.21	29,121.34																																																
712.020	Platform Parts	02OCT06*	22	31OCT06	743		0.00	25,591.00																																																
712.030	Miscs Hardware/Material	01JUL05A	83*	31OCT06	393	80	36,414.50	45,518.13																																																
FY05CV-39	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			-50,000.00	-50,000.00																																																
74 - Machine Assembly Planning and Oversight																																																								
Job: 7401 - TC Prep & Mach Assy Planning-PERRY																																																								
Oversight and Supervision																																																								
711A.020	LOE FY04	01OCT03A	256*	30SEP04A		LOE	148,582.46	148,582.46																																																
Prior Costs																																																								
7401-001	Apr-Sept MIE Cost PPPL	01APR03A	66	30SEP03A		100	164,000.00	164,000.00																																																
Project Scope																																																								
714.010	LOE FY05	01OCT04A	249*	30SEP05A		LOE	109,972.42	109,972.42																																																
714.020	LOE FY06 prior to assy starting	02OCT06*	187*	02JUL07	574		0.00	53,510.98																																																
714.030	LOE FY07 thru first plasma	02JUL07*	444*	31MAR09	131		0.00	877,620.95																																																
FED/Infrastructure Support (non Project cost)																																																								
613.010	Remove Shield Walls ** GPP **	01APR04A	64*	22JUN04A		100	0.00	0.00																																																
613.015	Fabricate New Bottom Course of Blocks **GPP**	01APR04A	207*	31JAN05A		100	0.00	0.00																																																
613.017	Install New Bottom Course **GPP**	01AUG05A	0*	31AUG05A		100	0.00	0.00																																																
613.020	Remove south PLT shielding (cc 7230)	01JUN04A	0*	22JUN04A		100	0.00	0.00																																																
613.025	Dispose of old south PLT shielding **GPP**	01AUG04A	0*	31AUG04A		100	0.00	0.00																																																
EXFAC003	Clear PBX control room & Safe PBX (cc7230)	27JAN03A	110*	30JUN03A		100	0.00	0.00																																																
EXFAC004	Remove Fire protection PLT wall (cc7230)	01MAY03A	21	09MAY03A		100	0.00	0.00																																																
EXFAC005	Remove Fire Protection under platform (cc7230)	01APR03A	21	30APR03A		100	0.00	0.00																																																
EXFAC006	Remove Fire Protection Control rm walls(cc7230)	01MAY03A	21	09MAY03A		100	0.00	0.00																																																

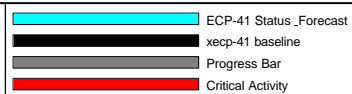
Funded by GPP **ECP34**
 ee//sm Edwards= 24 hrs;
 tucker jr=36 voorhees=36

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

PERRY=449;semier=176;edwards=176
 perry=192;langella149
 perry=1851;langella=1851

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06				FY07				FY08				FY09																							
									O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
75 - Test Cell and Basement Assembly Operations																																												
7501 - Construction Support Crew																																												
7501-05	Construction Support Crew during machine assy	01OCT07*	260	13OCT08	164		0.00	861,133.69	Work Control Center em//sm=2467 (1fte) Tool Crib Control em//tb=1234 (.5 fte) Crane Operator & support em//tb=2468 (1.0 fte) Forklift Operator & support em//tb=2468 (1.0 fte)																																			
7501-06	Construction Support Crew during e-beam	14APR09*	41	09JUN09	81		0.00	99,199.62	em//tb=1087 support techs (4 fte)																																			
7501-07	Construction Support Crew during cryostat instl	03FEB09*	40	30MAR09	132		0.00	103,081.21	Work Control Center em//sm=277 (1 fte) Tool Crib Control em//tb=139 (.5 fte) Crane Operator & support em//tb=277 (1 fte) Forklift Operator & support em//tb=277 (1 fte)																																			
7502 - Test Cell Facility Preparations																																												
7502-020	Resurface TC floor	11JAN07*	42	09MAR07	570		0.00	34,670.00	ee//tb=160; M&S=\$10k																																			
7502-030	TC Floor firesealing	12MAR07	42	08MAY07	570		0.00	15,720.00	ee//tb=120;																																			
7502-035	Control room firesealing	09MAY07	42	09JUL07	570		0.00	24,190.00	ee//tb=80 M&S=10																																			
7503 - Machine Assembly																																												
Revised Assembly Logic (ecp18)																																												
7503-010	Begin Assembly Activities	01OCT07*	0		164		0.00	0.00	EA/EM =60hr ; EM/TB =480hr ; EM//SM =120hr ;																																			
7503-020	Install & Level Support Base Plates	01OCT07	15	19OCT07	225		0.00	68,122.20	EA/EM =120hr ; EM/TB =960hr ; EM//SM =240hr ;																																			
7503-030	Install/Level FPA's and Spool Piece supports	22OCT07	30	04DEC07	225		0.00	136,244.40	EM//SM =16hr ; EM/TB =32hr ;																																			
7503-060	Install Lower PF 4,5&6 into prelim position	18APR08	2	21APR08	148		0.00	4,887.04	EA/EM =40hr ; EM/TB =320hr ; EM//SM =80hr ;																																			
7503-070	Install 3 Spool Pieces on fixt & test movement	05DEC07	10	18DEC07	225		0.00	45,414.80	EA/EM =40hr ; EM/TB =320hr ; EM//SM =80hr ;																																			
7503-080	FPA-1 Installed on support platform		0	24JAN08	205		0.00	0.00																																				
7503-090	Install local Platforms around FPA-1	25JAN08	10	07FEB08	206		0.00	45,414.80	EA/EM =40hr ; EM/TB =320hr ; EM//SM =80hr ;																																			
7503-110	FPA-2 Installed on support platform		0	20MAY08	122		0.00	0.00																																				
7503-120	Test movement of FPA-1& -2 & position checks.	21MAY08	5	27MAY08	122		0.00	22,707.40	EA/EM =20hr ; EM/TB =160hr ; EM//SM =40hr ;																																			
7503-130	Install local Platforms around FPA-2	21MAY08	3	23MAY08	130		0.00	45,414.80	EA/EM =40hr ; EM/TB =320hr ; EM//SM =80hr ;																																			
7503-150	FPA-3 Installed on support platform		0	12SEP08	44		0.00	0.00																																				
7503-160	Position all FPA's / Spool Pieces @ MC Interface	15SEP08	6	22SEP08	44		0.00	27,248.88	EA/EM =24hr ; EM/TB =192hr ; EM//SM =48hr ;																																			
7503-170	FPA Metrology Checks to Assure Alignment	23SEP08	3	25SEP08	44		0.00	3,217.32	EA/EM =12hr ; EM/TB =12hr ;																																			
7503-190	Install local Platforms around FPA-3	26SEP08	10	09OCT08	44		0.00	47,572.20	EA/EM =40hr ; EM/TB =320hr ; EM//SM =80hr ;																																			
7503-180	MC Interfaces: shim, ream holes ,bolt together	10OCT08	15	30OCT08	44		0.00	94,647.60	EA/EM =60hr ; EM/TB =720hr ; EM//SM =120hr ;																																			
7503-200	Mate-up and weld all VV-to-Spool interfaces	31OCT08	15	20NOV08	44		0.00	82,945.20	EM//SM =120hr ; EM/TB =720hr ;																																			
7503-240	Bolt on preassembled pump duct	21NOV08	5	27NOV08	44		0.00	20,347.60	EM//SM =40hr ; EM/TB =160hr ;																																			
7503-240.1	Install insulation boots	28NOV08	10	11DEC08	44		0.00	29,203.20	; EM/TB =320hr ; ?TBD																																			
7503-240.2	Install insulation	12DEC08	3	16DEC08	44		0.00	6,570.72	; EM/TB =72hr ; ?TBD																																			

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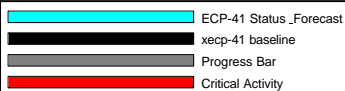
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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06				FY07				FY08				FY09																																							
									OND	J	F	M	A	M	J	J	A	S	O	N	D	OND	J	F	M	A	M	J	J	A	S	O	N	D	OND	J	F	M	A	M	J	J	A	S	O	N	D	OND	J	F	M	A	M	J	J	A	S	O	N	D
									O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	O	N	D	J	F	M	A
Job: 8205 - Dimensional Control Coordination																																																												
Metrology																																																												
740.135	Gary Puhl subcontract for metrology support	30SEP05A	77	30SEP05A			12,810.00	12,810.00	m&s=\$10k																																																			
METFY05	Dimensional control FY05 ECP24	01FEB05A	172	30SEP05A		LOE	96,648.84	96,648.84	stratton=320 50%																																																			
FY05CV-47	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			-20,000.00	-20,000.00																																																				
METFY06R	Metrology for FP & machine assy FY06	03OCT05A	250	29SEP06	765	LOE	43,919.23	189,307.03	raftoplous (measurement) 25%=415hrs stratton=707 hrs 40%																																																			
METFY07R	Metrology for FP & machine assy FY07	03OCT06*	251	01OCT07	513		0.00	74,115.10	raftoplous (measurement) 25%=415hrs																																																			
METFY08R	Metrology for FP & machine assy FY08	03OCT07*	250	29SEP08	262		0.00	75,799.75	raftoplous (measurement) 25%=415hrs																																																			
84 - Project Physics																																																												
Job: 8401 - Project Physcis-ZARNSTORFF																																																												
FY04 Actual Cost																																																												
840.202	Project Physics/Engr Analysis FY04	01OCT03A	256	30SEP04A		LOE	99,806.20	99,806.20																																																				
840.203	Closeout cost FY04 ECP-21	01OCT03A	256	30SEP04A		LOE	14,000.00	14,000.00																																																				
Prior Costs																																																												
840.201	Apr-Sept MIE Cost PPPL	01APR03A	128	30SEP03A		100	210,270.00	210,270.00																																																				
Job: 8402 - Project Physics MIE ORNL-LYON																																																												
FY04 Actual Cost																																																												
840.302	Project Physics/Engr Analysis FY04	01OCT03A	256	30SEP04A		LOE	60,876.00	60,876.00																																																				
840.303	Closeout cost FY04 ECP-21	01OCT03A	256	30SEP04A		LOE	44,000.00	44,000.00																																																				
Prior Costs																																																												
840.301	Apr-Sept MIE Cost ORNL	01APR03A	152	30SEP03A		100	40,980.00	40,980.00																																																				
85 - Integrated Systems Testing																																																												
Job: 8501 - Integrated Systems Testing																																																												
920.001	Procedure and Document Preparation	10APR08*	250	30MAR09	44		0.00	496,760.64	em//em=1516;em//sm=1516																																																			
920.000	Startup Personnel	20FEB09	72	01JUN09	44		0.00	711,219.45	em//em=1066; ee//em=432; ec//em=432 em//sm=979; ee//sm=0; em//tb=482 r//rm2=490; ee//tb=864																																																			
920.004	Begin Start-up Testing	14APR09	0		44		0.00	0.00	***** BEGIN STARTUP TESTING DOE LEVEL 2 MILESTONE PEP DATE = JUNE 2009 *****																																																			
920.005	Punch list,Cmplt PTP's,Reconfig, Rm temp Hi-pot	20FEB09	37	13APR09	44		0.00	0.00																																																				
920.010	Field Coil Testings,FCPC test & E-Beam Mapping	14APR09	25	18MAY09	44		0.00	0.00																																																				
920.020	Final ISTOP	19MAY09	7	27MAY09	44		0.00	0.00																																																				
920.021	Operations Approval	28MAY09	3	01JUN09	44		0.00	0.00																																																				
730.9000	First Plasma		0	01JUN09	44		0.00	0.00																																																				
M-0120	CD-4 First Plasma		0	31JUL09*	0		0.00	0.00	***** COMPLETE CD-4 FIRST PLASMA DOE LEVEL 1 MILESTONE PEP DATE = JULY 2009 *****																																																			

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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value cost (BCWP)	ECP41 Budget	FY06				FY07				FY08				FY09																																				
									OND	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Allocations																																																									
PPPL Allocations																																																									
Job: 8998 - Allocations																																																									
FY04 Actual Cost																																																									
99.04	PPPL Allocations FY04	01OCT03A	256*	30SEP04A		LOE	260,691.00	260,691.00																																																	
Prior Costs																																																									
99.03	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A		100	112,000.00	112,000.00																																																	
99.05	PPPL Allocations FY05	20OCT04A	251*	30SEP05A		LOE	302,697.00	302,697.00	54=181.8																																																
99.05P	PPPL Allocations FY05 rebaseline re-estimate	01OCT04A	251*	30SEP05A		LOE	48,151.80	48,151.80	54=28.92																																																
99.06	PPPL Allocations FY06	03OCT05A	250*	29SEP06	765	LOE	76,505.36	329,764.50	54=187.9																																																
99.07	PPPL Allocations FY07	02OCT06*	252*	01OCT07	513		0.00	332,787.30	54=187.9																																																
99.08	PPPL Allocations FY08	01OCT07*	252*	29SEP08	262		0.00	166,336.61	54=92.77																																																
FY05CV-43	FY05 unrecoverable cost variance	01OCT04A	251*	30SEP05A			56,000.00	56,000.00																																																	
Contingency																																																									
Contingency																																																									
Contingency-Project																																																									
99.105	Contingency FY05	03JAN06*	0*	23DEC05	957		0.00	0.00																																																	
99.106D	Contingency FY06	03JAN06*	192*	29SEP06	765		0.00	669,697.78																																																	
99.107	Contingency FY07	02OCT06*	251*	28SEP07	514		0.00	1,804,000.00																																																	
99.108	Contingency FY08	01OCT07*	253*	30SEP08	261		0.00	4,618,000.00																																																	
99.109	Contingency FY09	01OCT08*	108*	27FEB09	153		0.00	1,051,000.00																																																	
1361RISK	JOB 1361 RISK	02OCT06*	330*	31JAN08	431		0.00	448,084.76	em/tb=5349																																																
1411RISK	JOB 1411 RISK	03JUL06*	63*	29SEP06	761		0.00	360,000.00	48=360																																																
1451RISK	JOB 1451 RISK	03MAR06*	416*	25OCT07	493		0.00	661,098.86	em/tb=6619																																																
DCMA																																																									
DCMA																																																									
DCMAFY04	DCMA	01OCT03A	256*	30SEP04A			75,000.00	75,000.00																																																	

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█ ECP-41 Status_Forecast
█ xecp-41 baseline
█ Progress Bar
█ Critical Activity

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