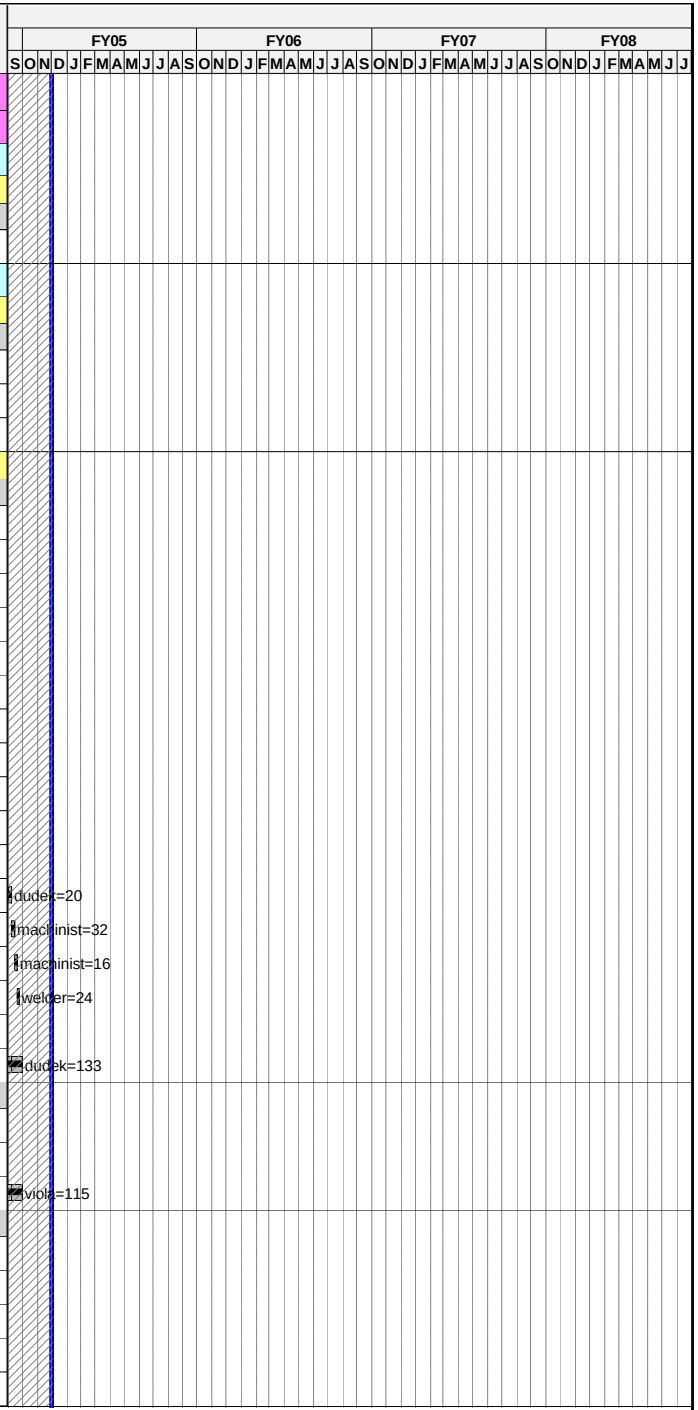
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
cc 9450 - NCSX Fabrication (MIE)										
1 - Stellarator Core Systems										
11 - In-Vessel Components										
Job: 1101 - Limiter Adv Conc/Prel Dsn-GORANSON										
0000										
1101-100	Update Conceptual Design	**15JUL03A**	*78**	**30SEP03A**	*30SEP03A*		***100***	***60.00***	60.00	
12 - Vacuum Vessel Systems										
Job: 1201 - Vacuum Vessel Prelim Dsn-GORANSON										
0000										
1201-002	Apr-Sept MIE Cost ORNL	**01APR03A**	*47*	**30SEP03A**	*30SEP03A*		***100***	***319,050.00***	319,050.00	
1201-003	Apr-MSept MIE Cost PPPL	**01APR03A**	*47*	**30SEP03A**	*30SEP03A*		***100***	***105,370.00***	105,370.00	
1201-500	WBS 12 & 14 PDR		*0*	**07OCT03A**	*07OCT03A*		***100***	***0.00***	0.00	
Job: 1202 - Vacuum Vessel R&D - DUDEK										
Vessel Weld Joint R&D										
1203-405	Field Weld joint design and Specific spool piece	**01DEC03A**	*107**	**30APR04A**	*30APR04A*		***100***	***38,607.00***	38,607.00	
1202-800	Inconnel Procurement *ECP6*	**01APR04A**	*10*	**09APR04A**	*09APR04A*		***100***	***1,783.60***	1,783.60	
1202-803	Drawings for Arc/Samples *ECP6*	**12APR04A**	*10*	**16APR04A**	*16APR04A*		***100***	***3,230.00***	3,230.00	
1202-806	Waterjet Arcs *ECP6*	**19APR04A**	*2*	**22APR04A**	*22APR04A*		***100***	***1,228.80***	1,228.80	
1202-809	Machine weld groove *ECP6*	**23APR04A**	*5*	**26APR04A**	*26APR04A*		***100***	***3,369.60***	3,369.60	
1202-812	Anneal Samples *ECP6*	**27APR04A**	*2*	**28APR04A**	*28APR04A*		***100***	***1,684.80***	1,684.80	
1202-815	Setup weld test *ECP6*	**29APR04A**	*4*	**30APR04A**	*30APR04A*		***100***	***1,228.80***	1,228.80	
1202-818	Weld samples *ECP6*	**03MAY04A**	*6*	**10MAY04A**	*10MAY04A*		***100***	***2,527.20***	2,527.20	
1202-821	Eval & Redesign Joint iteration 2 *ECP6*	**01JUN04A**	*5*	**07JUN04A**	*07JUN04A*		***100***	***3,230.00***	3,230.00	
1202-824	Machine iteration 2 *ECP6*	**02AUG04A**	*10**	**13AUG04A**	*13AUG04A*		***100***	***3,369.60***	3,369.60	
1202-827	Anneal iteration 2 *ECP6*	**16AUG04A**	*2*	**17AUG04A**	*17AUG04A*		***100***	***1,684.80***	1,684.80	
1202-833	Eval & redesign joint iteration 3 *ECP6*	**01SEP04A**	*4*	**07SEP04A**	*07SEP04A*		***100***	***3,230.00***	3,230.00	
1202-836	Machine iteration 3 *ECP6*	**08SEP04A**	*4*	**13SEP04A**	*13SEP04A*		***100***	***3,369.60***	3,369.60	
1202-839	Anneal iteration 3 *ECP6*	**14SEP04A**	*5*	**20SEP04A**	*20SEP04A*		***100***	***1,684.80***	1,684.80	
1202-842	Weld iteration 3 *ECP6*	**21SEP04A**	*4*	**24SEP04A**	*24SEP04A*		***100***	***2,527.20***	2,527.20	
1202-845	SOW for full size test sample *ECP6*	**24MAR04A**	*28**	**28APR04A**	*28APR04A*		***100***	***6,460.00***	6,460.00	
1202-866	Engineering Oversght *ECP6*	**03MAR04A**	*149**	**30SEP04A**	*30SEP04A*		***100***	***18,249.50***	18,249.50	
VV Subcontractor Oversight										
1202-400	Oversight and Contract Management	**01OCT03A**	*79**	**02JAN04A**	*02JAN04A*		***LOE***	***62,738.00***	62,738.00	
1202-401	Oversight and Contract Management	**05JAN04A**	*63**	**31MAR04A**	*31MAR04A*		***LOE***	***48,687.50***	48,687.50	
1202-402	Oversight and Contract Management	**01APR04A**	*128**	**30SEP04A**	*30SEP04A*		***LOE***	***18,572.50***	18,572.50	
Major Tool Subcontract (S04344F)										
1202-303	MT-Issue VVSA MIT/QA plans and C&S Est (3.1)	**02JUN03A**	*0**	**13JUN03A**	*13JUN03A*		***100***	***17,153.60***	17,153.60	
1202-305	MT-Issue Draft MIT/QA plan (3.2.1)	**13JUN03A**	*15*	**27JUN03A**	*27JUN03A*		***100***	***10,050.56***	10,050.56	
1202-310	MT-Incorp Comments & Reissue MIT/QA Plan (3.2.1)	**10JUL03A**	*0**	**17JUL03A**	*17JUL03A*		***100***	***0.00***	0.00	
1202-315	Fiinalize SOW/contract & Release MT for PVVS Fab	**18JUL03A**	*52**	**15AUG03A**	*15AUG03A*		***100***	***0.00***	0.00	
1202-320	MT-PPPL Fabrication Release		*0*	**15AUG03A**	*15AUG03A*		***100***	***0.00***	0.00	



Run Date **14DEC04 14:22**

December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

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NCSX
ECP 18
December 1 Status

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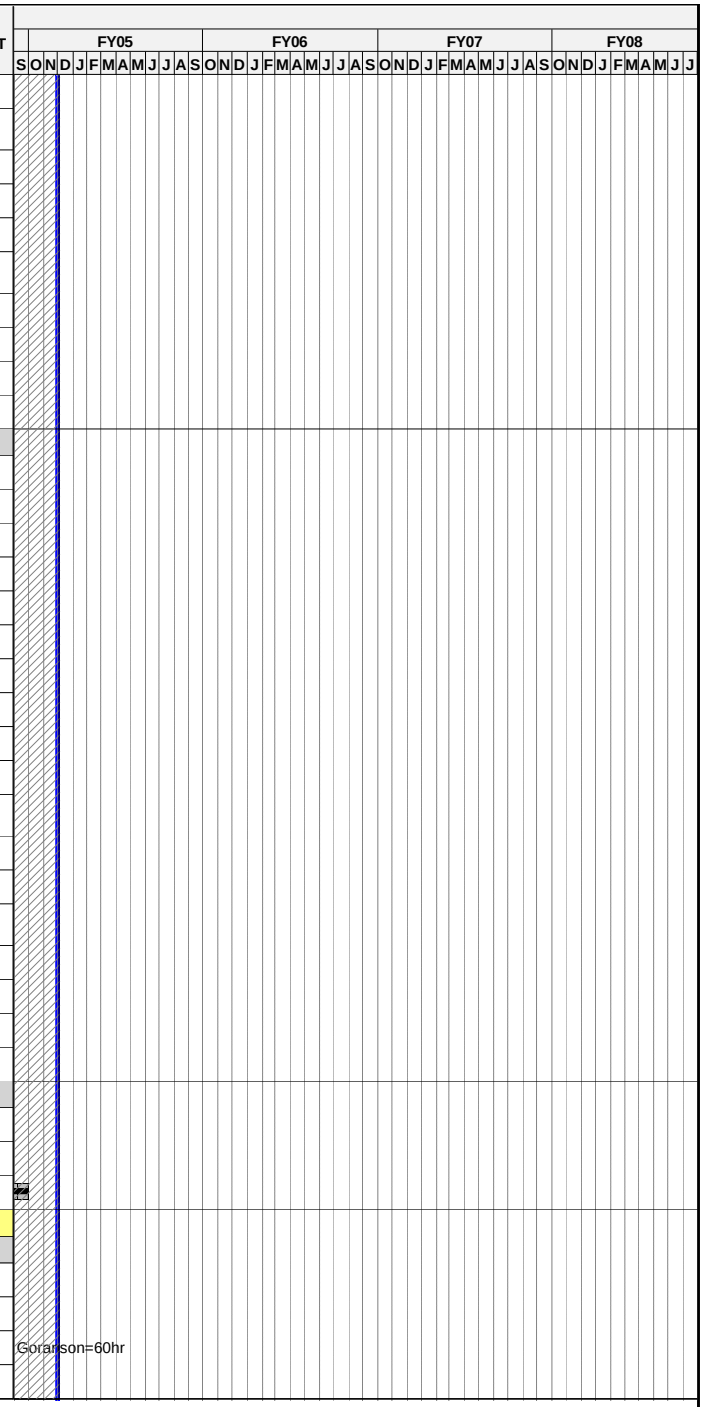
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
1202-324	MT-PVVS Begin Fabrication (3.2.2)	18AUG03A	56*	30SEP03A	30SEP03A		100	368,464.16	368,464.16	
1202-325	MT-PVVS Complete Fabrication (3.2.2) [A/ 1]	10NOV03A	122*	23APR04A	23APR04A		100	375,115.28	375,115.28	
1202-325.1	Major Tool VVSA Prototype Received		0	23APR04A	23APR04A		100	0.00	0.00	
1202-325A	Vist MT for welding	01APR04A	3	01APR04A	01APR04A		100	2,584.00	2,584.00	
1202-326	Prep Inspection Plan for MT PVVS	30APR04A	5	30APR04A	30APR04A		100	0.00	0.00	
1202-327	PPPL Receipt Inspection of MT PVVS	14JUN04A	5	18JUN04A	18JUN04A		100	14,148.00	14,148.00	
1202-328	Prep Inspection Report of MT PVVS	01JUL04A	5	08JUL04A	08JUL04A		100	0.00	0.00	
1202-330	MT-Final MIT/QA plans for VVSA (3.3.1)	01JUL04A	15*	22JUL04A	22JUL04A		100	6,370.00	6,370.00	
1202-335	MT-Firm Fixed Price Proposal for VVSA (3.3.2)	01JUL04A	15*	22JUL04A	22JUL04A		100	6,370.00	6,370.00	
1202-335.1	Major Tool VVSA Price Proposal Received		0	22JUL04A	22JUL04A		100	0.00	0.00	
Rohwedder Subcontract (S04345F)										
1202-403	RW-Issue VVSA MIT/QA plans and C&S Est (3.1)	02JUN03A	0*	13JUN03A	13JUN03A		100	71,888.08	71,888.08	
1202-405	RW-Issue Draft MIT/QA plan (3.2.1)	13JUN03A	76*	27JUN03A	27JUN03A		100	19,352.16	19,352.16	
1202-410	RW-Incorp Comments&Reissue MIT/QA Plan (3.2.1)	10JUL03A	0*	17JUL03A	17JUL03A		100	0.00	0.00	
1202-415	Fiinalize SOW/contract & Release MT for PVVS Fab	18JUL03A	52*	15AUG03A	15AUG03A		100	0.00	0.00	
1202-420	RW-PPPL Fabrication Release		0	15AUG03A	15AUG03A		100	0.00	0.00	
1202-424	RW-PVVS Begin Fabrication (3.2.2)	18AUG03A	131*	30SEP03A	30SEP03A		100	143,280.88	143,280.88	
1202-424A	RW identify fabricator	01DEC03A	1	15DEC03A	15DEC03A		100	0.00	0.00	
1202-424B	PPPL approve new fabricator	16DEC03A	1	31DEC03A	31DEC03A		100	0.00	0.00	
1202-424D	PPPL visit fabricator (Jan)	01JAN04A	2	30JAN04A	30JAN04A		100	0.00	0.00	
1202-424E	PPPL visit fabricator (Feb)	01MAR04A	2	31MAR04A	31MAR04A		100	0.00	0.00	
1202-425	RW-PVVS Complete Fabrication (3.2.2)	01OCT03A	170	28MAY04A	28MAY04A		100	311,059.84	311,059.84	
1202-425.1	Rohwedder VVSA Prototype Received		0	08JUN04A	08JUN04A		100	0.00	0.00	
1202-426	Prep Inspection Plan for RW PVVS	07JUN04A	5	08JUN04A	08JUN04A		100	0.00	0.00	
1202-427	PPPL Receipt Inspection of RW PVVS	08JUN04A	10	21JUN04A	21JUN04A		100	14,148.00	14,148.00	
1202-428	Prep Inspection Report of RW PVVS	01JUL04A	5	08JUL04A	08JUL04A		100	0.00	0.00	
1202-430	RW-Final MIT/QA plans for VVSA (3.3.1)	01JUL04A	15*	22JUL04A	22JUL04A		100	23,709.14	23,709.14	
1202-435	RW-Firm Fixed Price Proposal for VVSA (3.3.2)	01JUL04A	15*	22JUL04A	22JUL04A		100	15,122.38	15,122.38	
1202-435.1	Rohwedder VVSA Price Proposal Received		0	22JUL04A	22JUL04A		100	0.00	0.00	
0000										
1202-002	Apr-Sept MIE Cost ORNL	01APR03A	47	30SEP03A	30SEP03A		100	60.00	60.00	
1202-003	Apr-Sept MIE Cost PPPL	01APR03A	47	30SEP03A	30SEP03A		100	128,340.00	128,340.00	
1202-ECP16	ecp-16	01OCT03A	47	30SEP04A	30SEP04A		100	14,600.00	14,600.00	
Job: 1203 - Vacuum Vessel Final Dsn-GORANSON										
Closeout PDR Design Deliverables										
1203-101	Prepare documents for PDR closeout	03NOV03A	62*	30JAN04A	30JAN04A		100	7,721.40	7,721.40	
1203-111	Response to chits, prepare FY04 WP/WAF/Checklist	01OCT03A	25	31OCT03A	31OCT03A		100	7,721.40	7,721.40	
1203-121	Review, revise, and approve SRD	01NOV03A	212*	31AUG04A	31AUG04A		100	7,721.40	7,721.40	
1203-131	Complete preliminary design of insulation and he	10NOV03A	122*	31MAR04A	31MAR04A		100	11,582.10	11,582.10	



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December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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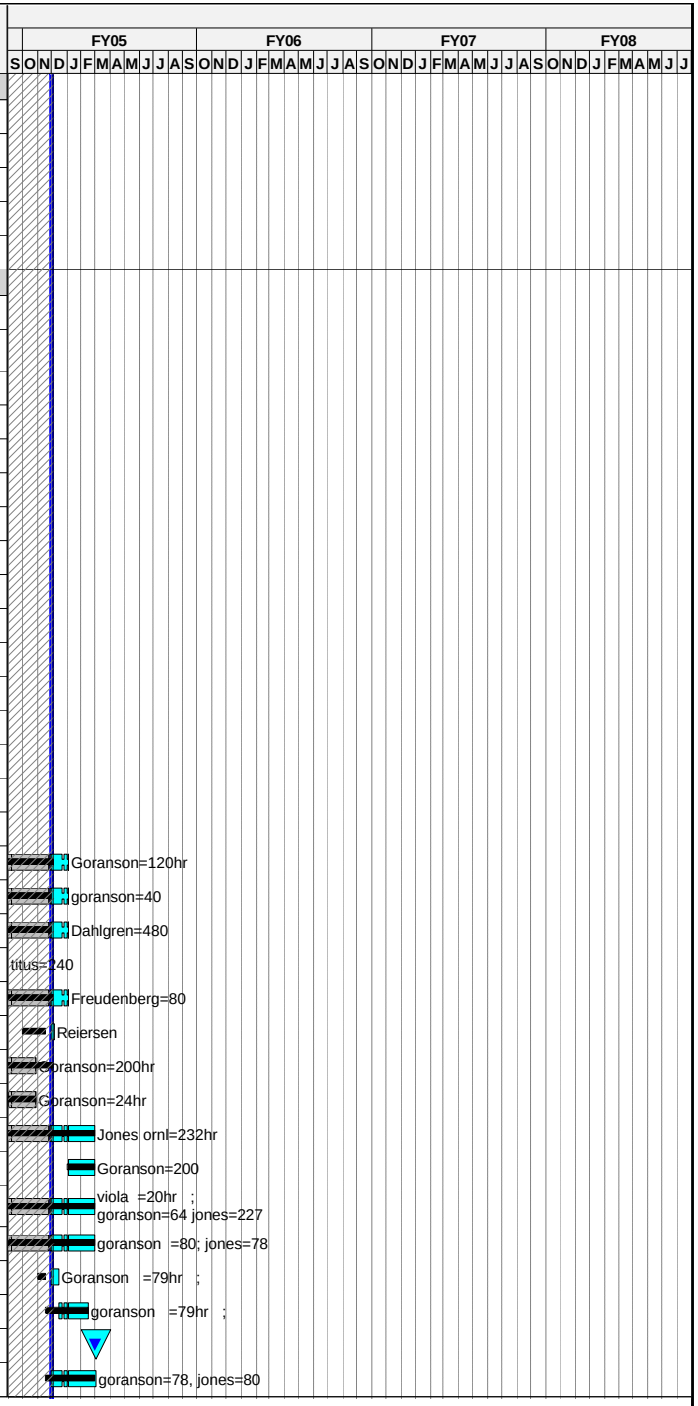
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
PDR Recommendations										
1203-400	350c Bakeout Study	03NOV03A	94*	31DEC03A	31DEC03A		100	25,738.00	25,738.00	
1203-401	Analysis & testing of tube attachment method	01DEC03A	20	31DEC03A	31DEC03A		100	0.00	0.00	
1203-402	Determine thermal expansion vv to mcc clearance	01NOV03A	39*	31DEC03A	31DEC03A		100	0.00	0.00	
1203-403	Determine cost of fabrication	01DEC03A	20	31DEC03A	31DEC03A		100	0.00	0.00	
1203-404	DECISION TO PROCEED WITH 350c BAKEOUT		0	31DEC03A	31DEC03A		100	0.00	0.00	
Final Design Tasks										
1203-141	Finalize Spec for VVSA	01MAR04A	87*	30JUN04A	30JUN04A		100	18,067.60	18,067.60	
1203-151	Update VVSA Drawings incl ECP6 add'l port config	01DEC03A	149*	30JUN04A	30JUN04A		100	202,403.63	202,403.63	
1203-181	Start Thermal Analyses	01NOV03A	82*	30JAN04A	30JAN04A		100	23,012.76	23,012.76	
1203-191	Start Eddy Current Analyses	03NOV03A	87*	30JAN04A	30JAN04A		100	3,536.05	3,536.05	
1203-202	Start Port Nozzle Analysis	02JAN04A	63*	30JAN04A	30JAN04A		100	5,142.40	5,142.40	
1203-233	Check structural analysis	26APR04A	25*	28MAY04A	28MAY04A		100	12,638.08	12,638.08	
1203-235	Perform Local Thermal Analysis	02FEB04A	65*	30APR04A	30APR04A		100	15,442.80	15,442.80	
1203-236	Checdk Local Thermal Analysis	02FEB04A	65*	30APR04A	30APR04A		100	15,442.80	15,442.80	
1203-237	Perform Thermal-Hydraulic Analysis VV htg/clng	02FEB04A	65*	30APR04A	30APR04A		100	10,295.20	10,295.20	
1203-238	Check Thermal-Hydraulic Analysis VV htg/clng	02FEB04A	65*	30APR04A	30APR04A		100	12,856.00	12,856.00	
1203-240	Check Analysis of VV Supports	26APR04A	25*	28MAY04A	28MAY04A		100	5,147.60	5,147.60	
1203-291	Update Design Basis Document	20APR04A	29*	18MAY04A	18MAY04A		100	2,059.04	2,059.04	
1203-321	Assemble FDR Drawing Package, Check & Promote	03MAY04A	20*	18MAY04A	18MAY04A		100	4,118.08	4,118.08	
1203-331	Prepare Presentations	03MAY04A	20*	18MAY04A	18MAY04A		100	12,869.00	12,869.00	
1203-341	Conduct VVSA FDR		0	19MAY04A	19MAY04A		100	0.00	0.00	
1203-311	Prepare Final Design ECP	24MAY04A	10	28MAY04A	28MAY04A		100	3,088.56	3,088.56	
1203-161	Finalize & Sign All ICDs	20NOV03A	284*	04JAN05	01DEC04	332	85	13,552.77	15,944.43	
1203-201	Update/Perform FMECA Analyses	01MAR04A	215*	04JAN05	30NOV04	332	95	5,100.05	5,368.47	
1203-232	Structural Analysis of Vac Vsl	01MAR04A	215*	04JAN05	29NOV04	332	98	76,315.52	77,872.98	
1203-234	Perform Global Seismic Analysis	01MAR04A	151*	31AUG04A	31AUG04A		100	37,914.24	37,914.24	
1203-239	Perform Analysis of VV Supports	01MAR04A	215*	04JAN05	01DEC04	332	95	10,081.50	10,612.10	
1203-241	Check FMECA Analyses	01DEC04	5	07DEC04	15NOV04	350		0.00	0.00	
1203-261	Startup Plan	01OCT03A	298*	29OCT04A	01DEC04		100	26,019.26	26,019.26	
1203-301	Update Cost and Schedule Estimates	01SEP04A	42*	29OCT04A	29OCT04		100	3,311.16	3,311.16	
1203-361	Final Design of Heating/Cooling	03NOV03A	233*	28FEB05	28FEB05	293	60	19,055.12	31,758.53	
1203-271	Develop/Confirm & Installation Process	04JAN05*	40*	28FEB05	28FEB05	293		0.00	29,448.00	
122-011	Final design WBS 122 Thermal insulation	01JUN04A	189*	28FEB05	28FEB05	293	25	10,921.47	43,685.87	
124-011	Final design WBS 124 VV supports	01JUL04A	167*	28FEB05	28FEB05	293	50	11,070.35	22,140.70	
125-001	Prelim design WBS 125 local I&C	01DEC04*	10	14DEC04	15NOV04	302		0.00	11,631.96	
125-011	Final design WBS 125 local I&C	15DEC04	43*	15FEB05	15FEB05	302		0.00	11,661.41	
1203-900	Compreshensive WBS 12 FDR		0	03MAR05	28FEB05	290		0.00	0.00	
124-011.1	Lateral VV supports	01DEC04	65	03MAR05	28FEB05	290		0.00	23,263.92	



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December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

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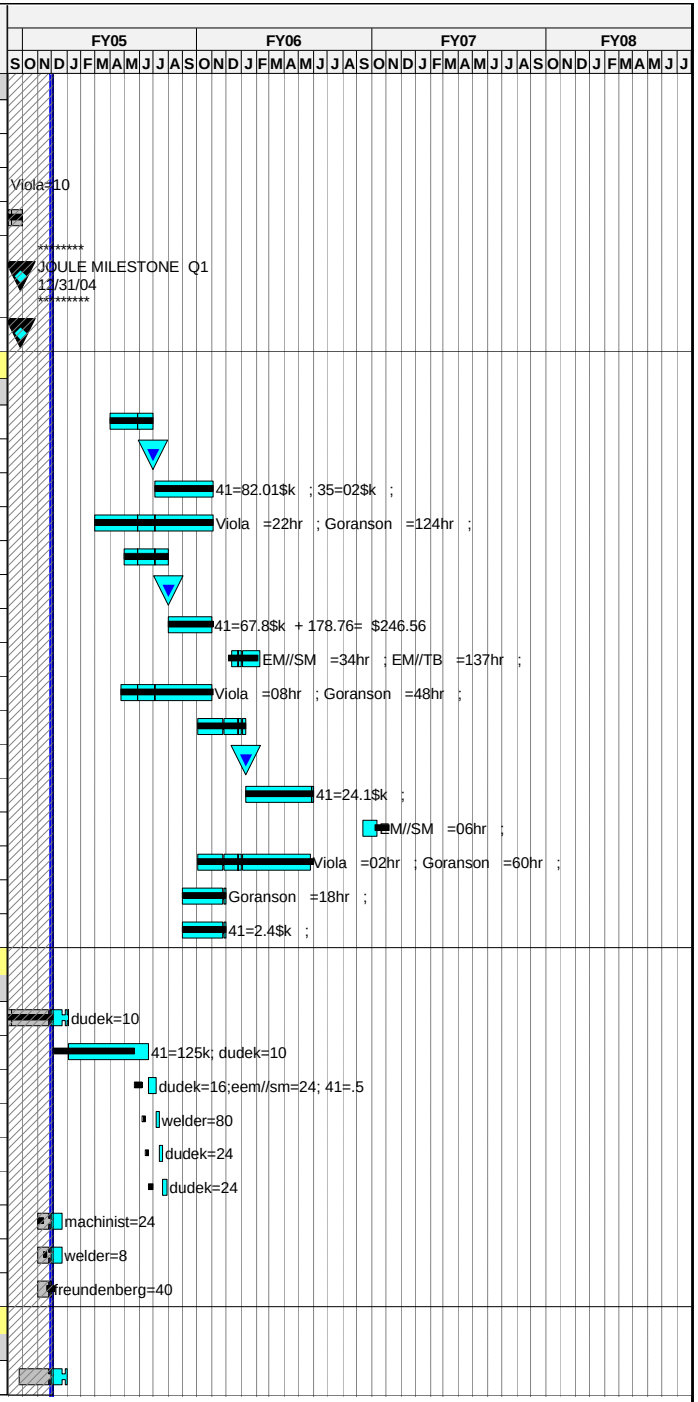
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
Vacuum Vessel Vendor Selection										
121-6-6	Finalize tech Doc package & Resolve chits	01JUN04A	0*	30JUN04A	30JUN04A		100	1,286.90	1,286.90	
121-6-8	Evaluate and Select VV Production Vendor	01AUG04A	0*	12AUG04A	12AUG04A		100	2,901.90	2,901.90	
121-6-83	Negotiate with vendor	17AUG04A	0*	31AUG04A	31AUG04A		100	1,615.00	1,615.00	
121-6-85	DOE Approve VV Selection & contract	01SEP04A	11	30SEP04A	30SEP04A		100	0.00	0.00	
121-6-9	Award VV Production Vendor (Phase funded)		0	27SEP04A	27SEP04A		100	0.00	0.00	
121-36-9.2	Release for Fabrication		0	27SEP04A	27SEP04A		100	0.00	0.00	
Job:1204-VV Sys Procurements (non VVSA)-GORANSON										
122-030	SPEA VV Thermal Insulation	01APR05*	65	01JUL05	01JUL05	181		0.00	0.00	
122-036.9	Award VV Insulation		0	01JUL05	01JUL05	181		0.00	0.00	
122-037	VV Insulation Procurement WBS 122	05JUL05	89	04NOV05	04NOV05	181		0.00	109,262.90	
122-031	Title III engr WBS 122	01MAR05*	177	04NOV05	04NOV05	181		0.00	21,952.83	
123-030	SPEA VV Heating & Cooling	02MAY05*	65	02AUG05	02AUG05	184		0.00	0.00	
123-036.9	Award VV Heating/Cooling Distribution		0	02AUG05	02AUG05	184		0.00	0.00	
123-037	VV Heating/Cooling Distr Procurement WBS 123	03AUG05	65	01NOV05	02NOV05	184		0.00	318,062.40	
123-041	VV Heating/Cooling Fab/Assy WBS 123	14DEC05*	40	09FEB06	06FEB06	156		0.00	14,887.44	
123-031	Title III engr WBS 123	25APR05	135	01NOV05	02NOV05	184		0.00	8,411.76	
124-030	SPEA VV Supports	03OCT05*	69	11JAN06	11JAN06	200		0.00	0.00	
124-036.9	Award VV Supports		0	11JAN06	11JAN06	200		0.00	0.00	
124-037	VV Supports Procurement WBS 124	12JAN06	100	01JUN06	01JUN06	200		0.00	31,089.00	
124-041	VV Supports Fab/assy WBS 124	13SEP06	20	10OCT06	06NOV06	128		0.00	677.66	
124-031	Title III engr WBS 124	03OCT05*	165	25MAY06	01JUN06	222		0.00	9,176.00	
125-015	Title III design Local I&C	01SEP05*	61	28NOV05	29NOV05	167		0.00	2,650.32	
125-037	Procurement Local I&C	02SEP05*	60	28NOV05	29NOV05	167		0.00	3,179.16	
Job: 1206 - VV Field Weld Joint R&D-DUDEK										
Vessel Weld Joint R&D										
1202-848	Bid,eval,award full size test sample *ECP6*	29APR04A	171*	04JAN05	01DEC04	1,080	LOE	1,425.89	1,637.07	
1202-851	vendor fab & deliver full size sample *ECP6*	05JAN05	120	21JUN05	23MAY05	1,080		0.00	175,299.90	
1202-854	Instrument sample *ECP6*	22JUN05	11	06JUL05	07JUN05	1,080		0.00	5,986.50	
1202-857	Perform welds on sample *ECP6*	07JUL05	5	13JUL05	14JUN05	1,080		0.00	8,707.20	
1202-860	Measure Results *ECP6*	14JUL05	6	21JUL05	22JUN05	1,080		0.00	4,019.76	
1202-863	Report Results *ECP6*	22JUL05	5	28JUL05	29JUN05	1,080		0.00	4,019.76	
1206-100	Prep Sample	01NOV04A	37*	23DEC04	12NOV04	1,232	50	1,306.08	2,612.16	
1206-110	Weld	01NOV04A	37*	23DEC04	19NOV04	1,232	50	318.20	636.40	
1206-115	Analyze	01NOV04A	10	30NOV04A	07DEC04		100	6,715.60	6,715.60	
Job: 1250 - Vacuum Vessel Fabrication-VIOLA										
Start Up/Engineering										
VVSA-001	Process Order	24SEP04A	75	30DEC04		1,229	20	0.00	0.00	



Run Date 14DEC04 14:22

December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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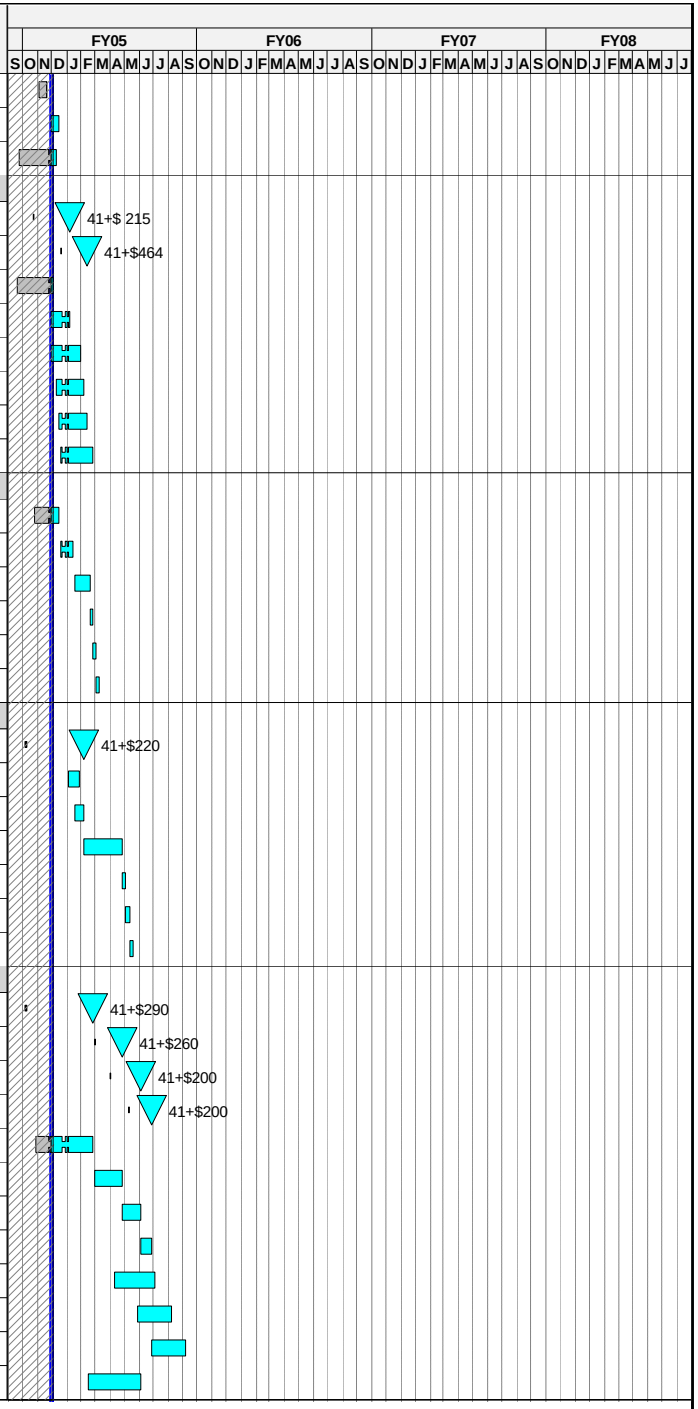
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
VVSA-011	Sect 5.1 Segmentation Scheme	04NOV04A	5	19NOV04A			100	104,175.00	104,175.00	
VVSA-021	Sect 5.1.2 Fiducials	29NOV04A	10	17DEC04		1,236	5	3,819.75	76,395.00	
VVSA-031	Sect 5.1.3 Proc Outline & Asc Procedures	24SEP04A	50	10DEC04		1,241	70	91,660.40	130,943.43	
Dies & Gages										
121-100	S005243 #1-Die Material Procured		0	07JAN05	22OCT04	268	46	0.00	0.00	
121-115	S005243 #4-Dies Manufactured		0	11FEB05	20DEC04	243		0.00	0.00	
VVSA-041	Engineering	20SEP04A	35	03DEC04		290	50	0.00	0.00	
VVSA-051	Procure Die Materials (4 sets)	01DEC04*	25	07JAN05		268		0.00	215,000.00	
VVSA-061	Machine Complete	01DEC04*	40	28JAN05		253		0.00	0.00	
VVSA-071	Deburr	10DEC04*	38	04FEB05		248		0.00	0.00	
VVSA-081	Inspection	17DEC04*	38	11FEB05		243		0.00	239,000.00	
VVSA-091	Development Panels (9 panels)	20DEC04*	47	25FEB05		233		0.00	0.00	
Fixture (2) 60 degree										
VVSA-101	Engineering	25OCT04A	45	17DEC04		411	70	0.00	0.00	
VVSA-111	Procure Materials	20DEC04	17	14JAN05		411		0.00	0.00	
VVSA-121	Fab & Machine	17JAN05	24	17FEB05		411		0.00	0.00	
VVSA-131	Assemble	18FEB05	5	24FEB05		411		0.00	0.00	
VVSA-141	Deburr	25FEB05	5	03MAR05		411		0.00	0.00	
VVSA-151	Inspection	04MAR05	4	09MAR05		411		0.00	0.00	
Fixture (3) 120 degree										
121-110	S005243 #3-Fixture material procured		0	04FEB05	08OCT04	390		0.00	0.00	
VVSA-161	Engineering	06JAN05*	15	26JAN05		397	1	0.00	0.00	
VVSA-171	Procure Materials	19JAN05*	13	04FEB05		390		0.00	220,000.00	
VVSA-181	Fab & Machine	07FEB05	58	27APR05		390		0.00	0.00	
VVSA-191	Assemble	28APR05	5	04MAY05		390		0.00	0.00	
VVSA-201	Deburr	05MAY05	6	12MAY05		390		0.00	0.00	
VVSA-211	Inspection	13MAY05	6	20MAY05		390		0.00	0.00	
Panels & Ports										
121-105	S005243 #2-Vessel material procured		0	25FEB05	08OCT04	191		0.00	0.00	
121-120	S005243 #5-1/3 of Vessel plates formed		0	26APR05	28FEB05	263		0.00	0.00	
121-125	S005243 #6-Second 1/3 of vsl plates formed		0	03JUN05	01APR05	332		0.00	0.00	
121-130	S005243 #7-Last 1/3 of vsl plates formed		0	28JUN05	09MAY05	332		0.00	0.00	
VVSA-221	Procure Vessel Material	29OCT04A	55	25FEB05		191	30	120,843.00	402,810.00	
VVSA-231	Production Panels Period #1	28FEB05	42	26APR05		191		0.00	260,000.00	
VVSA-241	Production Panels Period #2	27APR05	28	03JUN05		263		0.00	200,000.00	
VVSA-251	Production Panels Period #3	06JUN05	17	28JUN05		332		0.00	200,000.00	
VVSA-261	Port Ext, Misc HW Period #1	11APR05*	62	05JUL05		191		0.00	0.00	
VVSA-271	Port Ext, Misc HW Period #2	30MAY05*	52	09AUG05		263		0.00	0.00	
VVSA-281	Port Ext, Misc HW Period #3	27JUN05*	52	06SEP05		330		0.00	0.00	
VVSA-291	Spacer & port Ext	17FEB05*	77	03JUN05		450		0.00	0.00	



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December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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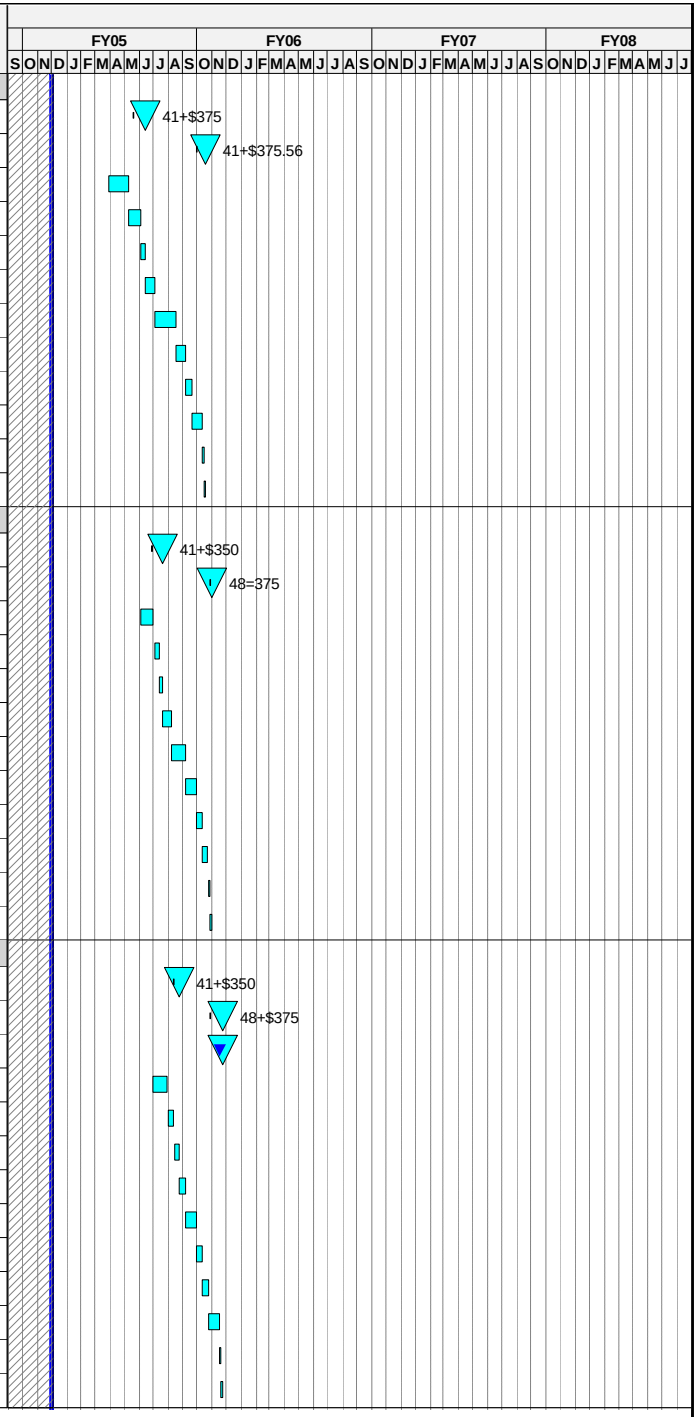
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
First 120 deg segment										
121-135	S005243 #8-One VVSA fabricated		0	14JUN05	19MAY05	191		0.00	0.00	
121-150	S005243 #11-Receipt/Acceptance of 1st VVSA		0	19OCT05	28SEP05	191		0.00	0.00	
VVSA-301	1st 60 deg segment	29MAR05*	31	10MAY05		191		0.00	0.00	
VVSA-311	2nd 60 deg segment	11MAY05	18	03JUN05		191		0.00	0.00	
VVSA-321	Join two pieces	06JUN05*	7	14JUN05		191		0.00	375,000.00	
VVSA-331	Machine for Ports	15JUN05	15	05JUL05		191		0.00	0.00	
VVSA-341	Weld Ports	06JUL05	30	16AUG05		191		0.00	0.00	
VVSA-351	Final Machine	17AUG05	15	06SEP05		191		0.00	0.00	
VVSA-361	Vacuum Test	07SEP05	10	20SEP05		191		0.00	0.00	
VVSA-371	Cut Off Ports	21SEP05	15	11OCT05		191		0.00	0.00	
VVSA-381	Pack for Shipping LI#4	12OCT05	3	14OCT05		191		0.00	0.00	
VVSA-391	Receive at PPPL	17OCT05	3	19OCT05		191		0.00	375,560.00	
Second 120 deg segment										
121-140	S005243 #9-Second VVSA fabricated		0	19JUL05	27JUN05	263		0.00	0.00	
121-155	S005243 #12-Receipt /Acceptance of 2nd VVSA		0	31OCT05	28OCT05	263		0.00	0.00	
VVSA-401	60 deg segment	06JUN05*	20	01JUL05		263		0.00	0.00	
VVSA-411	60 deg segment	04JUL05*	7	12JUL05		263		0.00	0.00	
VVSA-421	Join two pieces	13JUL05*	5	19JUL05		263		0.00	350,000.00	
VVSA-431	Machine for Ports	20JUL05	15	09AUG05		263		0.00	0.00	
VVSA-441	Weld Ports	10AUG05	20	06SEP05		263		0.00	0.00	
VVSA-451	Final Machine	07SEP05	15	27SEP05		263		0.00	0.00	
VVSA-461	Vacuum Test	28SEP05	10	11OCT05		263		0.00	0.00	
VVSA-471	Cut Off Ports	12OCT05	8	21OCT05		263		0.00	0.00	
VVSA-481	Pack for Shipping LI#4	24OCT05	4	27OCT05		263		0.00	0.00	
VVSA-491	Receive at PPPL	28OCT05	2	31OCT05		263		0.00	375,000.00	
Third 120 deg segment										
121-145	S005243 #10-Third VVSA fabricated		0	23AUG05	11AUG05	330		0.00	0.00	
121-160	S005243 #13-Receipt/Acceptance of 3rd VVSA		0	22NOV05	28OCT05	330		0.00	0.00	
121-038.1	All Vacuum Vessel Sections (3) Delivered		0	22NOV05	15NOV05	330		0.00	0.00	
VVSA-501	60 deg segment	01JUL05*	21	29JUL05		330		0.00	0.00	
VVSA-511	60 deg segment	01AUG05*	10	12AUG05		330		0.00	0.00	
VVSA-521	Join two pieces	15AUG05*	7	23AUG05		330		0.00	350,000.00	
VVSA-531	Machine for Ports	24AUG05	10	06SEP05		330		0.00	0.00	
VVSA-541	Weld Ports	07SEP05	15	27SEP05		330		0.00	0.00	
VVSA-551	Final Machine	28SEP05	10	11OCT05		330		0.00	0.00	
VVSA-561	Vacuum Test	12OCT05	10	25OCT05		330		0.00	0.00	
VVSA-571	Cut Off Ports	26OCT05	15	15NOV05		330		0.00	0.00	
VVSA-581	Pack for Shipping LI#4	16NOV05	3	18NOV05		330		0.00	0.00	
VVSA-591	Receive at PPPL	21NOV05	2	22NOV05		330		0.00	375,000.00	



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December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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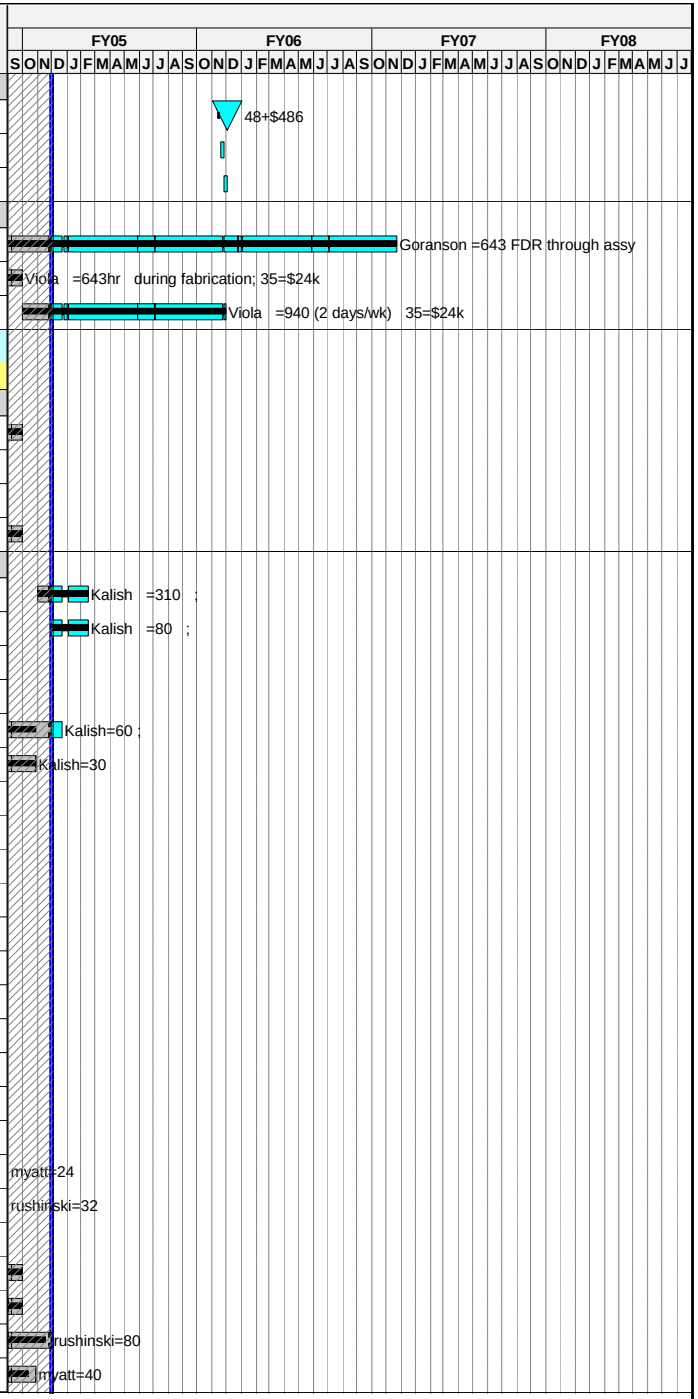
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
Ship Tooling										
121-165	S005243 #14-Delivefy of tooling,dies,fixtures		0	01DEC05	15NOV05	990		0.00	0.00	
VVSA-601	Pack Tooling for PPPL	21NOV05	5	25NOV05		990		0.00	0.00	
VVSA-611	PPPL Receive Tooling	28NOV05	4	01DEC05		990		0.00	486,000.00	
121-031	VVSA Title III engr	21MAY04A	639*	22NOV06	22NOV06	736	LOE	19,394.29	93,241.76	
121-032	VVSA Contract oversight FY04	21MAY04A	386*	30SEP04A	30SEP04A		LOE	20,187.50	20,187.50	
121-033	VVSA Contract oversight FY05 & FY06	01OCT04A	294*	28NOV05	28NOV05	989	LOE	27,738.25	199,555.79	
13 - Conventional Coils										
Job: 1301 - TF Design-KALISH										
0000										
163-001	Title I design CS sprt struc	01DEC03A	341*	30SEP04A	30SEP04A		LOE	46,702.93	46,702.93	
1301-0002	Apr-Sept MIE Cost ORNL	01APR03A	64*	30SEP03A	30SEP03A		100	0.00	0.00	
1301-0003	Apr-Sept MIE Cost PPPL	01APR03A	64*	30SEP03A	30SEP03A		100	91,660.00	91,660.00	
1301-FY04	FY04 cost variance	01OCT03A	64*	30SEP04A	30SEP04A		100	27,000.00	27,000.00	
130-000	TF PDR & FDR Engineering	01NOV04A	68*	15FEB05	15FEB05	1,170	LOE	15,301.49	52,045.90	
133-010	Design WBS 134 Conv Coil I&C	01DEC04*	48*	15FEB05	15FEB05	586		0.00	13,431.20	
1402-004	Subcontract analysis upport for PDR	01OCT03A	41*	26NOV03A	26NOV03A		100	5,096.00	5,096.00	
1402-005	VV/MCC PDR support	01OCT03A	37*	31OCT03A	31OCT03A		100	4,178.20	4,178.20	
1301-100	Prepare Scope Sheet & define interfaces	03NOV03A	285*	23DEC04	29OCT04	1,201	65	1,264.87	1,945.96	
1301-105	Prepare Interface Dwgs for ICD's	01DEC03A	230*	29OCT04A	29OCT04		100	2,904.42	2,904.42	
1301-140	Complete Draft SOW	02JAN04A	10	15JAN04A	15JAN04A		100	4,821.00	4,821.00	
1301-145	Post Draft SOW on WEB to Solicit Vendr Input	16JAN04A	2	19JAN04A	19JAN04A		100	1,285.60	1,285.60	
1301-150	Vendor Responses	02FEB04A	102*	30APR04A	30APR04A		100	7,231.50	7,231.50	
1301-155	Trim Coil Layouts	01OCT03A	59*	23DEC03A	23DEC03A		100	55,762.90	55,762.90	
1301-160	Trim Coil Leads	01DEC03A	140*	30JAN04A	30JAN04A		100	7,070.80	7,070.80	
1301-165	PF1-PF3 Support System Layouts	01DEC03A	15	30JAN04A	30JAN04A		100	21,373.10	21,373.10	
1301-300	Investigate Experimental Data *ECP6*	12APR04A	5	16APR04A	16APR04A		100	642.80	642.80	
1301-303	Prepare Test Reqmnts *ECP6*	19APR04A	61*	30JUN04A	30JUN04A		100	803.50	803.50	
1301-318	Evaluate 3D glass *ECP6*	05APR04A	5	09APR04A	09APR04A		100	642.80	642.80	
1301-170	New Lead Details	01DEC03A	10	23DEC03A	23DEC03A		100	14,141.60	14,141.60	
1301-175.1	Evaluate Design as Cost Savings	01AUG04A	3	31AUG04A	31AUG04A		100	0.00	0.00	
1301-175.2	Revised Design Stress Analysis	02AUG04A	5	31AUG04A	31AUG04A		100	3,822.00	3,822.00	
1301-175.3	Layout New Wedge Concept	02AUG04A	5	31AUG04A	31AUG04A		100	5,142.40	5,142.40	
1301-175.4	Develop Comparison	02AUG04A	4	31AUG04A	31AUG04A		100	0.00	0.00	
1301-175.5	Cost Estimate for Wedge Concept	02AUG04A	43*	30SEP04A	30SEP04A		100	0.00	0.00	
1301-175.6	Review Revised TF Concept	01SEP04A	1	30SEP04A	30SEP04A		100	0.00	0.00	
1301-175.7	Complete PDR Drawings	01SEP04A	62	30NOV04A	15NOV04		100	13,236.37	13,236.37	
1301-175.8	Rerun Analysis	01SEP04A	42*	29OCT04A	13OCT04		100	6,370.00	6,370.00	



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December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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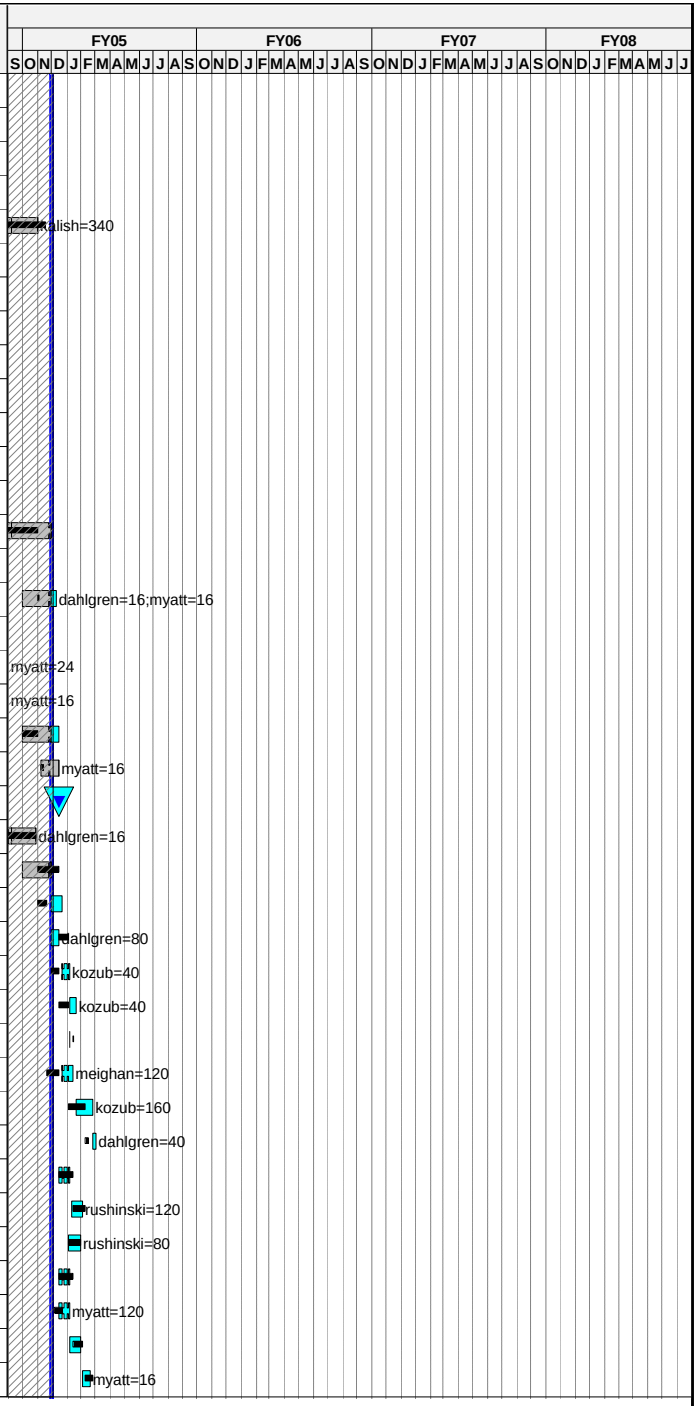
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
1301-180	Update ANSYS model & structure	03NOV03A	142*	27FEB04A	27FEB04A		100	8,294.62	8,294.62	
1301-185	FEA Analysis Coils,Stress deflection	01DEC03A	123*	28MAY04A	28MAY04A		100	12,272.40	12,272.40	
1301-195	Seismic Analysis	26NOV03A	104*	30APR04A	30APR04A		100	12,272.40	12,272.40	
1301-190	FEA Analysis PF Supports,Stress Deflection	01MAR04A	108*	30JUN04A	30JUN04A		100	9,817.92	9,817.92	
1301R-00	Oversight,suprevision,job management	02JUL04A	104*	01NOV04A	15NOV04		LOE	55,270.72	55,270.72	
1301R-03	ReEvaluate Analysis, Dahlgren	02JUL04A	15	22JUL04A	22JUL04A		100	19,284.00	19,284.00	
1301R-04	Is Insulation Scheme Acceptable ?	23JUL04A	1	23JUL04A	23JUL04A		100	0.00	0.00	
1301R-05	Change Insulation Scheme	26JUL04A	1	26JUL04A	26JUL04A		100	1,285.60	1,285.60	
1301R-06	Prepare Test Spec	27JUL04A	3	29JUL04A	29JUL04A		100	0.00	0.00	
1301R-17	Insulation Voltage Standoff Evaluation	29JUL04A	2	30JUL04A	30JUL04A		100	0.00	0.00	
1301R-22	Hydraulic Analysis	21JUN04A	10	02JUL04A	02JUL04A		100	12,856.00	12,856.00	
1301R-24	Launching Load Evaluation	06JUL04A	15	23JUL04A	23JUL04A		100	0.00	0.00	
1301R-28	TF Defelction vs Island Study	05JUL04A	10	16JUL04A	16JUL04A		100	0.00	0.00	
1301R-29	Review SRD	30JUN04A	106*	30NOV04A	01NOV04		100	0.00	0.00	
1301R-19	Add New Pusher Support Stucture	01AUG04A	2	31AUG04A	31AUG04A		100	0.00	0.00	
1301R-23	Document and Summerize Analysis	01OCT04A	49*	10DEC04	05NOV04	201	50	2,617.12	5,234.24	
1301R-25	Final Determination ofLaunching Loads	01AUG04A	1	31AUG04A	31AUG04A		100	1,274.00	1,274.00	
1301R-26	Final Launch Load Analysis	02AUG04A	3	31AUG04A	31AUG04A		100	3,822.00	3,822.00	
1301R-27	Obtain Stresses from Deflection Analysis	01AUG04A	2	31AUG04A	31AUG04A		100	2,548.00	2,548.00	
1301R-32	Prepare ICDs	01OCT04A	52*	15DEC04	01NOV04	198	25	0.00	0.00	
1301R-33	Prepare PDR Material	08NOV04A	26*		12NOV04		25	637.00	2,548.00	
1301R-20	TF PDR		0	15DEC04	15DEC04*	198		0.00	0.00	
1301R-07	Procure Test Services	01SEP04A	42*	29OCT04A	29OCT04		100	2,628.72	2,628.72	
1301R-08	Test Materials at CTD	01OCT04A	51*	30NOV04A	14DEC04		100	0.00	0.00	
1301R-09	Order Sample Materials	01DEC04	15	21DEC04	19NOV04	189		0.00	0.00	
1301R-10	Check or Re-Run Analysis with new data	01DEC04	10	14DEC04	05JAN05	244		0.00	13,431.20	
1301R-11	Design Test Fixtures	22DEC04*	10	06JAN05	14DEC04	189		0.00	6,715.60	
1301R-12	Build Test Fixture	07JAN05	10	20JAN05	05JAN05	189		0.00	6,715.60	
1301R-13	Update Cost and Schedule	07JAN05	1	07JAN05	12JAN05	217		0.00	0.00	
1301R-14	Build Samples	22DEC04	15	13JAN05	14DEC04	194		0.00	13,060.80	
1301R-15	Cryo Test for Coil Sample	21JAN05	25	24FEB05	09FEB05	189		0.00	26,862.40	
1301R-16	Evaluate Samples	25FEB05	5	03MAR05	16FEB05	189		0.00	6,715.60	
1301R-21	Pusher Design Analysis	16DEC04*	15	07JAN05	13JAN05	198		0.00	0.00	
1301R-34	Final Design Coil Windings	10JAN05*	19	03FEB05	09FEB05	198		0.00	20,146.80	
1301R-36	Final Design Leads	04JAN05*	19	28JAN05	28JAN05	202		0.00	13,431.20	
1301R-37	Prepare Coil Spec	16DEC04*	14	06JAN05	12JAN05	202		0.00	0.00	
1301R-38	Analysis, Final with Leads Terminals & Supports	16DEC04	14	06JAN05	23DEC04	218		0.00	19,110.00	
1301R-31	Review and Approve Coil Spec	07JAN05*	16	28JAN05	03FEB05	202		0.00	0.00	
1301R-35	Prepare for TF FDR	04FEB05*	11	18FEB05	24FEB05	198		0.00	2,548.00	



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December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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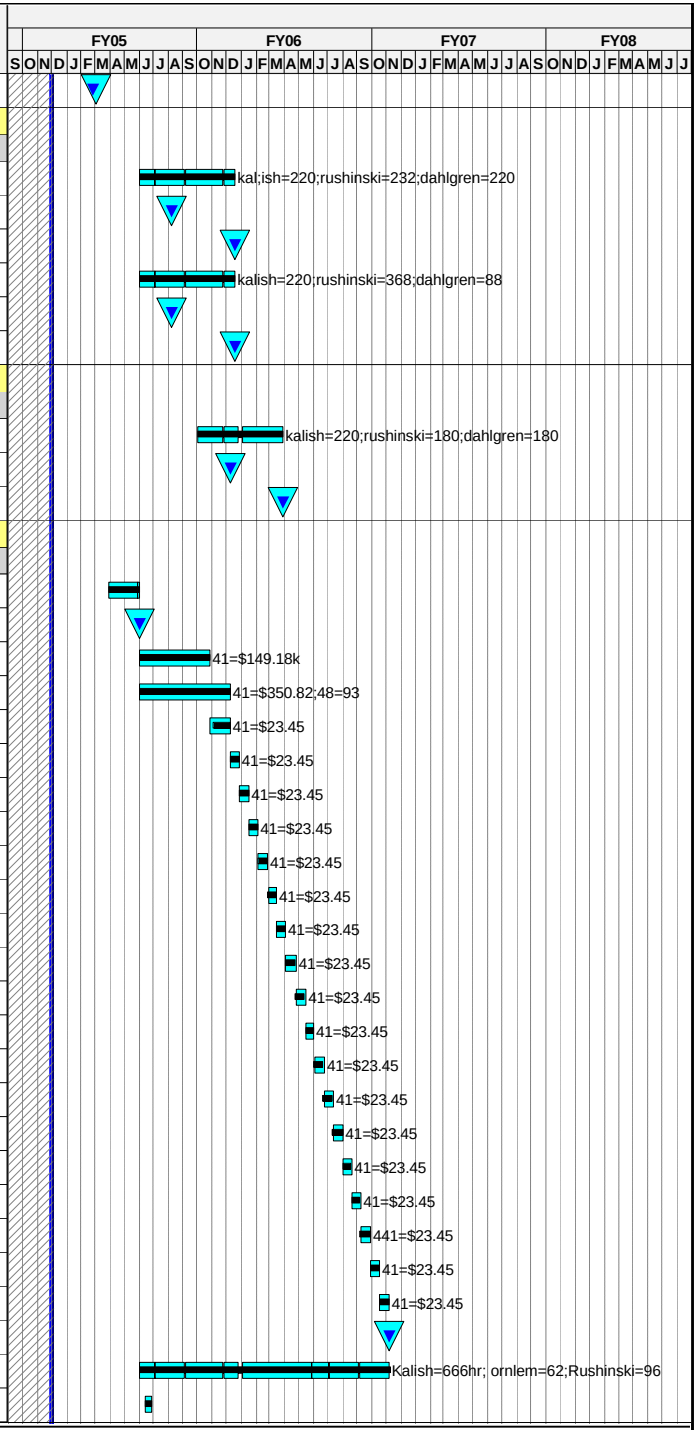
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
131-012	WBS 13 TF FDR		0	03MAR05*	24FEB05*	188		0.00	0.00	
Job: 1302 - PF and CS Design -KALISH										
1302-PF	PF Design	01JUN05*	140	19DEC05	19DEC05	251		0.00	113,685.21	
141-012	PF 1-6 PDR		0	08AUG05*	08AUG05*	294		0.00	0.00	
141-013	PF 1-6 FDR		0	19DEC05	19DEC05	251		0.00	0.00	
1302-CSS	Center Stack Support Design	01JUN05*	140	19DEC05	19DEC05	202		0.00	114,361.91	
1301-136	CS Support PDR		0	08AUG05*	08AUG05*	1,048		0.00	0.00	
1301-137	CS Support FDR		0	19DEC05	19DEC05	202		0.00	0.00	
Job: 1303 - Trim coil Design-KALISH										
1303-TRIM	Trim Coil Design	03OCT05*	119	28MAR06	28MAR06	213		0.00	99,307.60	
1303-136	Trim Coil PDR		0	08DEC05*	08DEC05*	963		0.00	0.00	
1303-137	Trim Coil FDR		0	28MAR06	28MAR06	213		0.00	0.00	
Job: 1351 - TF Coil Procurement-KALISH										
TF Coil Fabrication										
131-034	Bid & Evaluate TF Coils	30MAR05*	45	01JUN05	01JUN05	170		0.00	0.00	
131-035	TF Coils Awarded		0	01JUN05*	01JUN05*	170		0.00	0.00	
1351-100	Tooling	02JUN05	106	27OCT05	27OCT05	180		0.00	195,334.32	
1351-105	materials & leads	02JUN05	135	07DEC05	07DEC05	181		0.00	545,245.96	
1351-110	Wind,wrap,VPI & test TF #1	28OCT05	30	08DEC05	07DEC05	180		0.00	23,450.00	
1351-115	Wind,wrap,VPI & test TF #2	09DEC05	14	28DEC05	27DEC05	180		0.00	23,450.00	
1351-120	Wind,wrap,VPI & test TF #3	29DEC05	14	17JAN06	16JAN06	180		0.00	23,450.00	
1351-125	Wind,wrap,VPI & test TF #4	18JAN06	14	06FEB06	03FEB06	180		0.00	23,450.00	
1351-130	Wind,wrap,VPI & test TF # 5	07FEB06	14	24FEB06	23FEB06	180		0.00	23,450.00	
1351-135	Wind,wrap,VPI & test TF # 6	27FEB06	14	16MAR06	15MAR06	180		0.00	23,450.00	
1351-140	Wind,wrap,VPI & test TF # 7	17MAR06	14	05APR06	04APR06	180		0.00	23,450.00	
1351-145	Wind,wrap,VPI & test TF # 8	06APR06	14	25APR06	24APR06	180		0.00	23,450.00	
1351-150	Wind,wrap,VPI & test TF # 9	26APR06	14	15MAY06	12MAY06	180		0.00	23,450.00	
1351-155	Wind,wrap,VPI & test TF # 10	16MAY06	14	02JUN06	01JUN06	180		0.00	23,450.00	
1351-160	Wind,wrap,VPI & test TF # 11	05JUN06	14	22JUN06	21JUN06	180		0.00	23,450.00	
1351-165	Wind,wrap,VPI & test TF # 12	23JUN06	14	12JUL06	11JUL06	180		0.00	23,450.00	
1351-170	Wind,wrap,VPI & test TF # 13	13JUL06	14	01AUG06	31JUL06	180		0.00	23,450.00	
1351-175	Wind,wrap,VPI & test TF # 14	02AUG06	14	21AUG06	18AUG06	180		0.00	23,450.00	
1351-180	Wind,wrap,VPI & test TF # 15	22AUG06	14	08SEP06	07SEP06	180		0.00	23,450.00	
1351-185	Wind,wrap,VPI & test TF # 16	11SEP06	14	28SEP06	27SEP06	180		0.00	23,450.00	
1351-190	Wind,wrap,VPI & test TF # 17	29SEP06	14	18OCT06	17OCT06	180		0.00	23,450.00	
1351-195	Wind,wrap,VPI & test TF # 18	19OCT06	14	07NOV06	06NOV06	180		0.00	23,450.00	
131-038	All TF Coils Delivered		0	07NOV06	06NOV06	180		0.00	0.00	
131-031	Title III engr	02JUN05*	361	07NOV06	08NOV06	734		0.00	139,523.32	
1351-85A	Prep Spec and Req for TF castings	15JUN05	10	28JUN05	28JUN05	261		0.00	0.00	



Run Date 14DEC04 14:22

December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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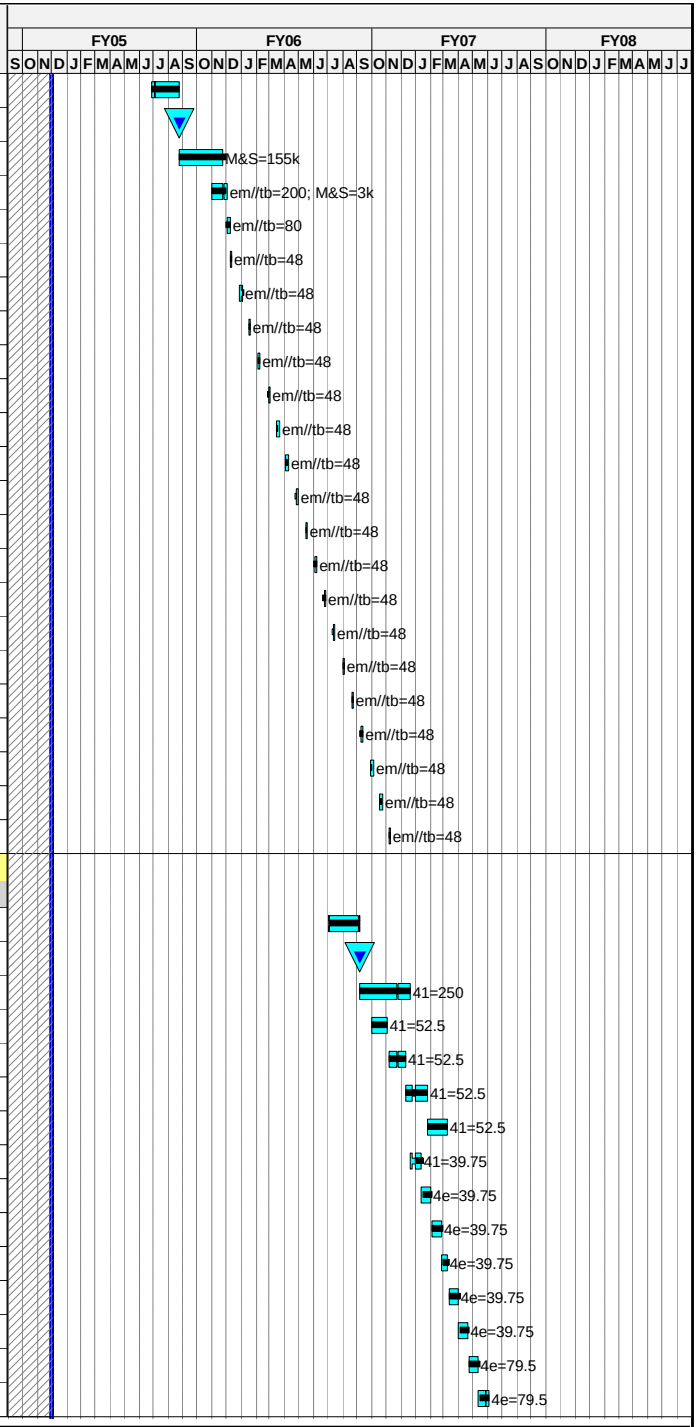
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
1351-85B	Bid & Award TF Castings	29JUN05	40	24AUG05	24AUG05	261		0.00	0.00	
1351-85C	Award TF Castings		0	24AUG05*	24AUG05*	261		0.00	0.00	
1351-85D	Vendor Fab TF Castings	25AUG05	65	23NOV05	28NOV05	261		0.00	195,729.23	
1301-86	Fab/Assemble Fixture	02NOV05	20	01DEC05	30NOV05	252		0.00	19,869.00	
1301-88	Setup Wedge Casting Fixture	02DEC05	5	08DEC05	07DEC05	252		0.00	6,489.60	
1351-110A	Assemble TF to Wedge Casting TF#1	09DEC05	3	13DEC05	12DEC05	252		0.00	3,893.76	
1351-115A	Assemble TF to Wedge Casting TF#2	29DEC05	3	03JAN06	05JAN06	345		0.00	3,893.76	
1351-120A	Assemble TF to Wedge Casting TF#3	18JAN06	3	20JAN06	19JAN06	335		0.00	3,893.76	
1351-125A	Assemble TF to Wedge Casting TF#4	07FEB06	3	09FEB06	08FEB06	325		0.00	3,893.76	
1351-130A	Assemble TF to Wedge Casting TF#5	27FEB06	3	01MAR06	28FEB06	314		0.00	3,893.76	
1351-135A	Assemble TF to Wedge Casting TF#6	17MAR06	3	21MAR06	20MAR06	303		0.00	3,893.76	
1351-140A	Assemble TF to Wedge Casting TF#7	06APR06	3	10APR06	07APR06	293		0.00	3,893.76	
1351-145A	Assemble TF to Wedge Casting TF#8	26APR06	3	28APR06	27APR06	282		0.00	3,893.76	
1351-150A	Assemble TF to Wedge Casting TF#9	16MAY06	3	18MAY06	17MAY06	271		0.00	3,893.76	
1351-155A	Assemble TF to Wedge Casting TF#10	05JUN06	3	07JUN06	06JUN06	262		0.00	3,893.76	
1351-160A	Assemble TF to Wedge Casting TF#11	23JUN06	3	27JUN06	26JUN06	251		0.00	3,893.76	
1351-165A	Assemble TF to Wedge Casting TF#12	13JUL06	3	17JUL06	14JUL06	241		0.00	3,893.76	
1351-170A	Assemble TF to Wedge Casting TF#13	02AUG06	3	04AUG06	03AUG06	232		0.00	3,893.76	
1351-175A	Assemble TF to Wedge Casting TF#14	22AUG06	3	24AUG06	23AUG06	221		0.00	3,893.76	
1351-180A	Assemble TF to Wedge Casting TF#15	11SEP06	3	13SEP06	12SEP06	210		0.00	3,893.76	
1351-185A	Assemble TF to Wedge Casting TF#16	29SEP06	3	03OCT06	02OCT06	200		0.00	4,023.68	
1351-190A	Assemble TF to Wedge Casting TF#17	19OCT06	3	23OCT06	20OCT06	189		0.00	4,088.64	
1351-195A	Assemble TF to Wedge Casting TF#18	08NOV06	3	10NOV06	09NOV06	178		0.00	4,088.64	
Job: 1352 - PF Coil Procurement-KALISH										
PF Coil Fabrication										
141-035	Bid & Award PF Coils	03JUL06*	45	05SEP06	06SEP06	119		0.00	0.00	
141-036	PF Coils Awarded		0	05SEP06	06SEP06	119		0.00	0.00	
1352-100	Material & leads	06SEP06	75	21DEC06	22DEC06	119		0.00	329,150.00	
1352-110	Tooling for PF 4	02OCT06*	25	03NOV06	03NOV06	136		0.00	69,562.50	
1352-115	Tooling for PF 5	06NOV06	25	12DEC06	12DEC06	136		0.00	69,562.50	
1352-120	Tooling for PF 6	13DEC06	25	24JAN07	24JAN07	151		0.00	69,562.50	
1352-105	Tooling for PF 1,2 and 3	25JAN07	30	07MAR07	07MAR07	151		0.00	69,562.50	
1352-140	Fabricate/Dlvr PF 4 lower	22DEC06	10	12JAN07	15JAN07	119		0.00	52,668.75	
1352-145	Fabricate/Dlvr PF 5 lower	15JAN07	15	02FEB07	05FEB07	119		0.00	43,009.50	
1352-150	Fabricate/Dlvr PF 6 lower	05FEB07	15	23FEB07	26FEB07	119		0.00	43,009.50	
1352-155	Fabricate/Dlvr PF 4 upper	26FEB07	10	09MAR07	12MAR07	119		0.00	43,009.50	
1352-160	Fabricate/Dlvr PF 5 upper	12MAR07	15	30MAR07	02APR07	119		0.00	43,009.50	
1352-165	Fabricate/Dlvr PF 6 upper	02APR07	15	20APR07	23APR07	119		0.00	43,009.50	
1352-125	Fabricate/Dlvr PF 1 upper & lower	23APR07	15	11MAY07	14MAY07	119		0.00	86,019.00	
1352-130	Fabricate/Dlvr PF 2 upper & lower	14MAY07	15	04JUN07	05JUN07	119		0.00	86,019.00	



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December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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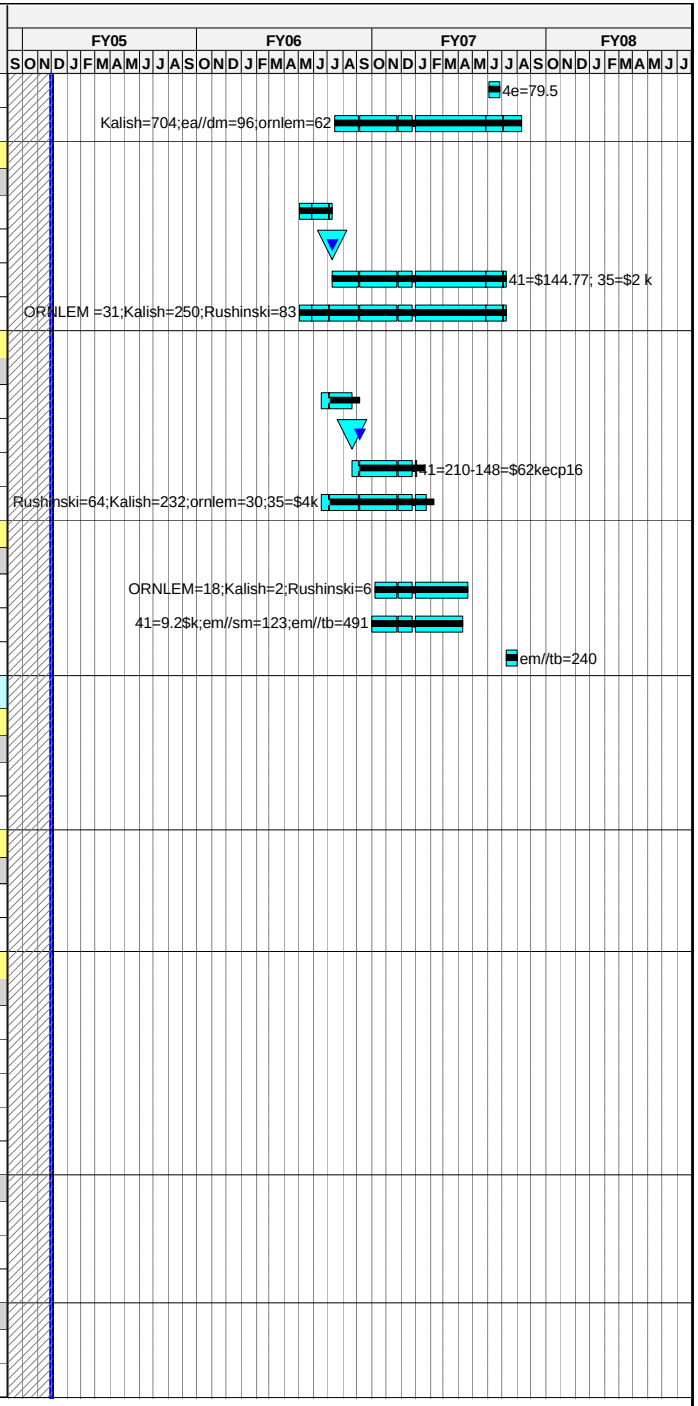
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
1352-135	Fabricate/Dlvr PF 3 upper & lower	05JUN07	15	25JUN07	26JUN07	119		0.00	86,019.00	
141-031	Title III engr WBS 132	17JUL06*	268	09AUG07	09AUG07	547		0.00	151,940.41	
Job: 1353 - CS Structure Procurement-KALISH										
CS Support Structure										
163-035	Bid & Award CS Support Struct	05MAY06	45	10JUL06	10JUL06	110		0.00	0.00	
163-036.9	Award CS Support Structure		0	10JUL06*	10JUL06*	110		0.00	0.00	
163-037	CS Support Structure Procurement/Fab	11JUL06*	249	09JUL07	09JUL07	110		0.00	194,263.41	
163-015	Title III design CS sprt struc	05MAY06	294	09JUL07	09JUL07	570		0.00	63,581.97	
Job: 1354 - Trim Coil Procurement-KALISH										
Trim Coils										
184-035	Bid & Award Ext Trim Coils	19JUN06	45	21AUG06	07SEP06	156		0.00	0.00	
184-036	Award External Trim Coils		0	21AUG06*	07SEP06*	156		0.00	0.00	
184-037	External Trim Coil Procurement/Fab*ecp16	22AUG06	87	02JAN07	18JAN07	156		0.00	81,451.61	
184-015	Title III WBS 133 Rxt Trim Coils	19JUN06	147	23JAN07	08FEB07	687		0.00	63,627.23	
Job: 1355 - WBS 13 I&C Proc & Coil Assy-KALISH										
TF/PF Loacl I&C										
133-015	Title III WBS 134 Conv Coil I&C	09OCT06*	130	18APR07	18APR07	626		0.00	3,842.74	
133-037	Conv Coil I&C WBS 134 Proc & Install	02OCT06*	130	11APR07	11APR07	177		0.00	68,349.03	
1355-100	CS and PF 1-3 Pre-Assy incl coil I&C procurement	10JUL07	15	30JUL07	30JUL07	110		0.00	20,443.20	
14 - Modular Coils										
Job: 1401 - Mod Coil Prel.Dsn-WILLIAMSON										
0000										
1401-002	Apr-Sept MIE Cost ORNL	01APR03A	64*	30SEP03A	30SEP03A		100	303,040.00	303,040.00	
1401-003	Apr-Sept MIE Cost PPPL	01APR03A	64*	30SEP03A	30SEP03A		100	0.00	0.00	
Job: 1402 - Mod.Coil Analyses-WILLIAMSON										
0000										
1402-002	Apr-Sept MIE Cost ORNL	01APR03A	64*	30SEP03A	30SEP03A		100	84,220.00	84,220.00	
1402-003	Apr-Sept MIE Cost PPPL	01APR03A	64*	30SEP03A	30SEP03A		100	154,920.00	154,920.00	
Job: 1403 - Modular Coil Final Design-WILLIAMSON										
PDR/PBR Prep										
1403-04	Plan response to PDR chits	01OCT03A	23	31OCT03A	31OCT03A		100	2,573.80	2,573.80	
1403-05	Prepare FY04 WP / WAF / Checklists	08OCT03A	21	14OCT03A	14OCT03A		100	2,573.80	2,573.80	
1403-06	Prepare documents for PDR closeout	15OCT03A	52*	24DEC03A	24DEC03A		100	10,295.20	10,295.20	
1403-07	Prepare PBR documentation	31OCT03A	19*	18NOV03A	18NOV03A		100	2,573.80	2,573.80	
1403-08	Performance Baseline Review		0	18NOV03A	18NOV03A		100	0.00	0.00	
Requirements/Config and Interfaces										
1403-10	Review, revise, and approve SRD	15OCT03A	160	28MAY04A	28MAY04A		100	2,573.80	2,573.80	
1403-13	Finalize winding pack ref xsec, conductor dims	15OCT03A	45*	26NOV03A	26NOV03A		100	2,573.80	2,573.80	
1403-14	Revise winding form and windings/asm models	15OCT03A	75*	30JAN04A	30JAN04A		100	41,309.49	41,309.49	
Analysis - Thermal & Electrical										
1403-21	Document electrical, insulation parameters	15OCT03A	56*	19DEC03A	19DEC03A		100	2,573.80	2,573.80	
1403-22	Update thermal analysis to current WP design	22OCT03A	51*	19DEC03A	19DEC03A		100	5,147.60	5,147.60	



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December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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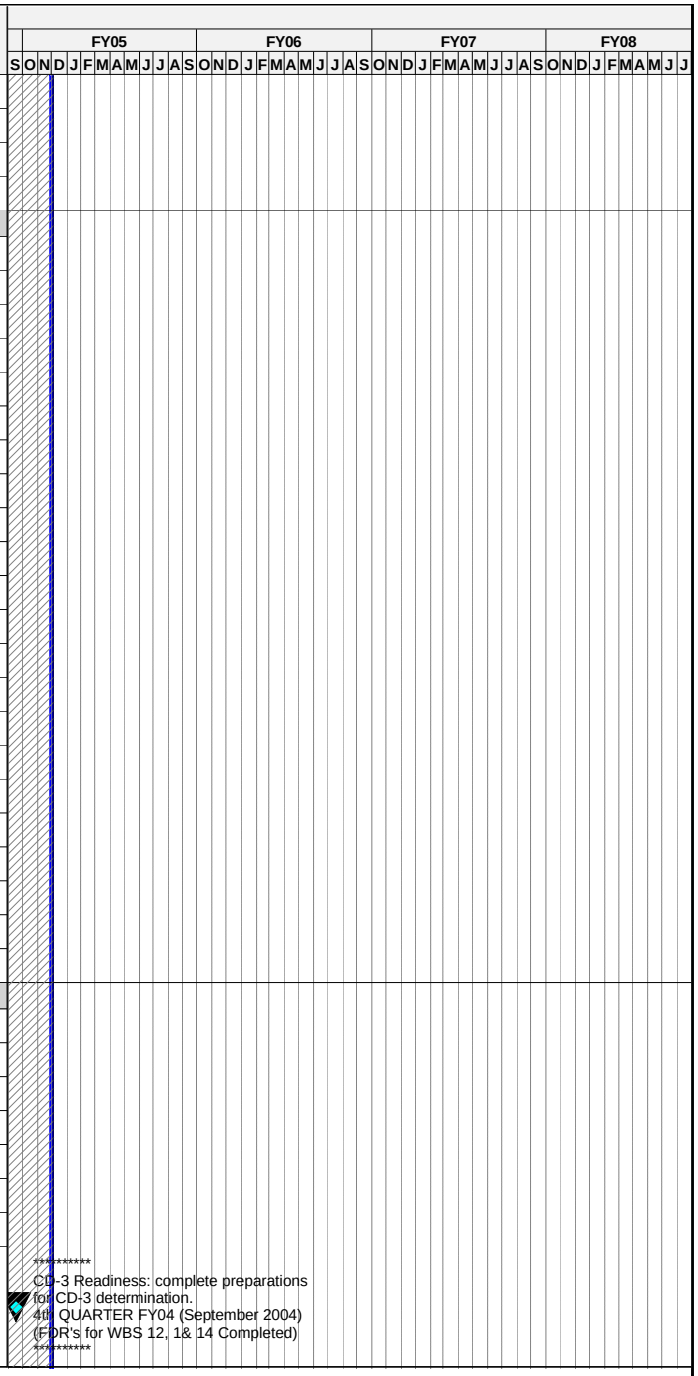
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
1403-23	Update thermo-hydraulic analysis of coils	01DEC03A	127*	18MAY04A	18MAY04A		100	6,428.00	6,428.00	
1403-25	Check EM loads calculation for ref scenarios	02FEB04A	85*	18MAY04A	18MAY04A		100	5,147.60	5,147.60	
1403-26	Perform scan of EM fault load conditions	01DEC03A	127*	18MAY04A	18MAY04A		100	10,295.20	10,295.20	
1403-26.1	Check thermal & electrical calculations	02FEB04A	85*	18MAY04A	18MAY04A		100	10,295.20	10,295.20	
Analysis - Structural										
141TITLE2P	PDR #1,4,26 Access,Tolerance Budget,Bolting	01MAR04A	65*	18MAY04A	18MAY04A		100	26,896.21	26,896.21	
1403-29	Complete ANSYS model of coil structure asm	15OCT03A	160*	18MAY04A	18MAY04A		100	160,700.00	160,700.00	
1403-30	Analyze global stress /deflect winding form asm	31OCT03A	148*	18MAY04A	18MAY04A		100	16,070.00	16,070.00	
1403-31	Analyze stress in bolted connections	01MAR04A	65*	18MAY04A	18MAY04A		100	6,428.00	6,428.00	
1403-32	Update MECHANICA model of 3 coil types	15OCT03A	160*	18MAY04A	18MAY04A		100	10,295.20	10,295.20	
1403-33	Anlyz wind pack deflect/stress fo thrml, EM lds	01MAR04A	65*	18MAY04A	18MAY04A		100	5,147.60	5,147.60	
1403-34	Analyze and optimize clamp locations	01MAR04A	55*	30APR04A	30APR04A		100	5,147.60	5,147.60	
1403-35	Perform supporting analysis for material tests	15OCT03A	150*	30APR04A	30APR04A		100	16,727.62	16,727.62	
1403-36	Update EM loads for reference scenarios	01MAR04A	55*	30APR04A	30APR04A		100	10,357.62	10,357.62	
1403-37	Perform check og global structural analysis	01MAR04A	65*	18MAY04A	18MAY04A		100	16,727.62	16,727.62	
1403-38	Check nonlinear winding pack analysis	01MAR04A	65*	18MAY04A	18MAY04A		100	10,357.62	10,357.62	
1403-39	Analyze gravity, equip, seismic loading	01MAR04A	65*	18MAY04A	18MAY04A		100	6,428.00	6,428.00	
1403-40	Analyze combined loads and fault conditions	01MAR04A	65*	18MAY04A	18MAY04A		100	6,428.00	6,428.00	
1403-40.1	Check Structural Calculations	02FEB04A	107*	18MAY04A	18MAY04A		100	9,265.68	9,265.68	
1403-40.1A	Prepare plate element model of coil structure	01MAR04A	65*	18MAY04A	18MAY04A		100	9,265.68	9,265.68	
1403-40.1B	Confirm global deflection/stress, re-inf of shel	02FEB04A	85*	18MAY04A	18MAY04A		100	10,295.20	10,295.20	
1403-40.1C	Check all struct calculkations	01MAR04A	65*	18MAY04A	18MAY04A		100	9,265.68	9,265.68	
1403-40.2A	Develop multi-filament model of all coils	01MAR04A	65*	18MAY04A	18MAY04A		100	3,088.56	3,088.56	
1403-40.2B	Confirm Plasma performance & surface quality	26APR04A	25*	18MAY04A	18MAY04A		100	3,856.80	3,856.80	
1403-40.2C	Model expected deflections under thermal/EM load	26APR04A	25*	18MAY04A	18MAY04A		100	6,177.12	6,177.12	
1403-40.2D	Confirm plasma performance & surface quality	26APR04A	25*	18MAY04A	18MAY04A		100	7,713.60	7,713.60	
1403-41	Prepare structural analysis report	26APR04A	25*	18MAY04A	18MAY04A		100	18,531.36	18,531.36	
Winding Form FDR Prep										
1403-03	Increase for actual cost of Final Design ECP 11	15OCT03A	118*	30JUN04A	30JUN04A		100	358,000.00	358,000.00	
1403-43	Incorporate changes due to prototype fabr	01MAR04A	22*	31MAR04A	31MAR04A		100	10,423.89	10,423.89	
1403-47	Prepare failure modes assessment (FMECA)	26APR04A	68*	19MAY04A	19MAY04A		100	4,504.15	4,504.15	
1403-50	Prepare FDR documentation / presentations	01MAY04A	9	18MAY04A	18MAY04A		100	10,295.20	10,295.20	
1403-50.2	Prepare Prelim Bid Package	23APR04A	0*	23APR04A	23APR04A		100	0.00	0.00	
1403-50.5	Prelim Bid Package Released		0	23APR04A	23APR04A		100	0.00	0.00	
1403-51	MCWF FDR		0	19MAY04A	19MAY04A		100	0.00	0.00	
C-081.1	JOULE MILESTONE #4 - CD-3 Readiness		0	16SEP04A	16SEP04A		100	0.00	0.00	



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December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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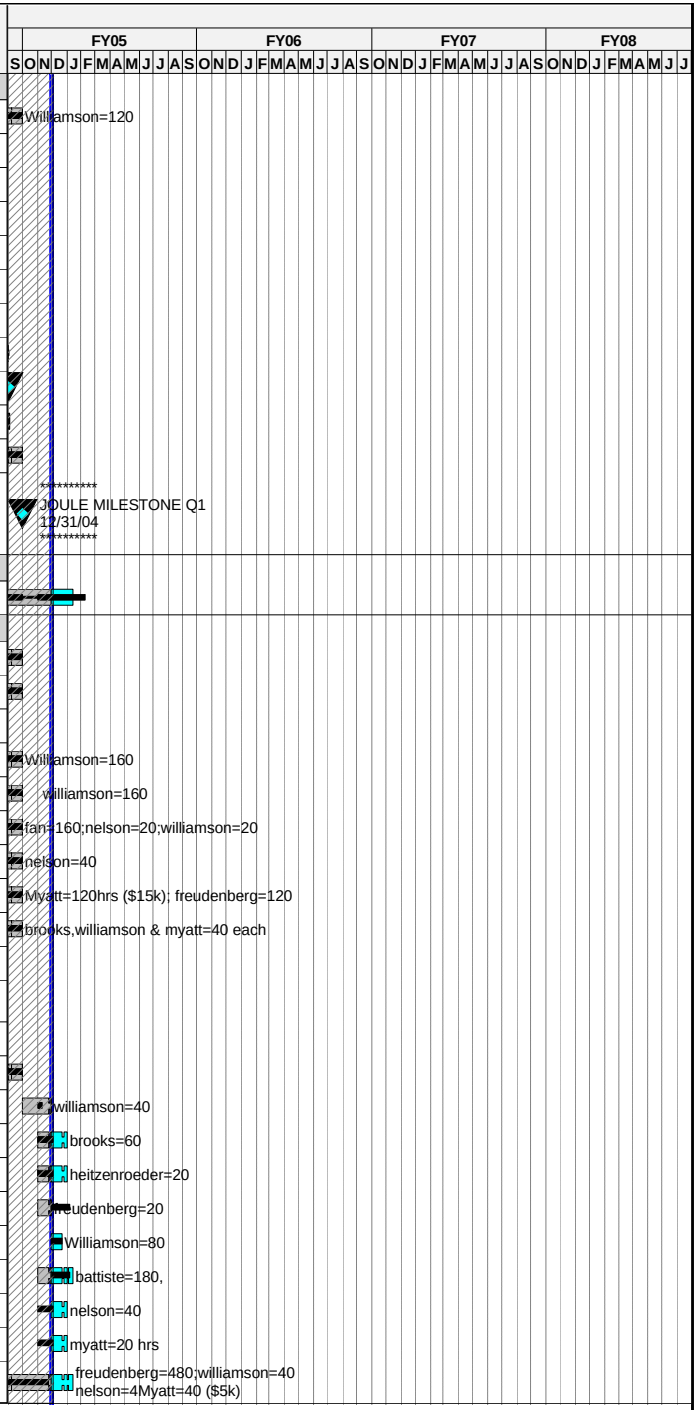
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
MCWF Procurement										
1403-53	Resolve FDR comments and recommendations	**01JUN04A**	*86**	**30SEP04A**	*30SEP04A*		***100***	***15,442.80***	15,442.80	
1403-54	Final bid package(specs,models,dwgs)	**09JUN04A**	*17**	**30JUN04A**	*30JUN04A*		***100***	***8,109.32***	8,109.32	
1010	Prep & Issue RFP	**01JUL04A**	*1*	**01JUL04A**	*01JUL04A*		***100***	***0.00***	0.00	
1020	EIO & JPP Prepare and submit FPP proposal	**02AUG04A**	*0**	**02AUG04A**	*02AUG04A*		***100***	***0.00***	0.00	
1030.1	Review & Evaluate Proposals	**03AUG04A**	*5*	**13AUG04A**	*13AUG04A*		***100***	***22,208.40***	22,208.40	
1030.2	Vendor Oral Presentations	**16AUG04A**	*3*	**20AUG04A**	*20AUG04A*		***100***	***0.00***	0.00	
1030.3	Best & Final Offers	**23AUG04A**	*2*	**27AUG04A**	*27AUG04A*		***100***	***0.00***	0.00	
1030.4	Evaluate & Make Recomendation	**30AUG04A**	*5*	**30AUG04A**	*30AUG04A*		***100***	***0.00***	0.00	
1040	Vendor Decision		*0*	**31AUG04A**	*31AUG04A*		***100***	***0.00***	0.00	
1030.5	Prepare Contract Package	**01SEP04A**	*0**	**03SEP04A**	*03SEP04A*		***100***	***0.00***	0.00	
1050	DOE review and PPPL Award Contract	**01SEP04A**	*0**	**30SEP04A**	*30SEP04A*		***100***	***0.00***	0.00	
C-081	Award MCWF Mfg Contract (phase funded)		*0*	**30SEP04A**	*30SEP04A*		***100***	***0.00***	0.00	
+ Winding and Assembly Design										
		15OCT03A	*318*	**14JAN05**	*09FEB05*	***161***		***132,635.71***	173,862.91	
MCWF & Winding Analysis/Testing										
1403-ECP16	ecp16	**01JUN04A**	*108**	**30SEP04A**	*30SEP04A*		***100***	***139,000.00***	139,000.00	
1403-FY04	Analysis fy04	**01JUN04A**	*108**	**30SEP04A**	*30SEP04A*		***100***	***48,517.50***	48,517.50	
1403-27	Prepare thermal, electrical analysis report	**02FEB04A**	*128**	**30JUL04A**	*30JUL04A*		***100***	***20,590.40***	20,590.40	
1403-27A	Update winding pack thermal/hydraulic analysis	**01JUN04A**	*97**	**30SEP04A**	*30SEP04A*		***100***	***20,590.40***	20,590.40	
1403-40.3X	Modify MCWF Contract Documents & drawings	**01AUG04A**	*43**	**30SEP04A**	*30SEP04A*		***100***	***20,590.40***	20,590.40	
1403-42	Complete FDR Struct Analysis Report	**01JUN04A**	*108**	**30SEP04A**	*30SEP04A*		***100***	***30,859.60***	30,859.60	
1403-42B	Modify ORNL beam test setup provide torsional ld	**01JUN04A**	*108**	**30SEP04A**	*30SEP04A*		***100***	***5,147.60***	5,147.60	
1403-42C	Revise analysis incorp final modeling changes	**15JUL04A**	*77**	**30SEP04A**	*30SEP04A*		***100***	***34,552.80***	34,552.80	
1403-42E	Complete checking struct calculations	**01AUG04A**	*65**	**30SEP04A**	*30SEP04A*		***100***	***17,945.60***	17,945.60	
1403-44	Prepare final drawings for winding forms, asm	**01MAR04A**	*75**	**30JUN04A**	*30JUN04A*		***100***	***82,232.91***	82,232.91	
1403-45	Check and promote models / drawings	**01MAR04A**	*97**	**15JUL04A**	*15JUL04A*		***100***	***120,704.72***	120,704.72	
1403-46	Update build-to specification / SOW	**01MAR04A**	*75**	**30JUN04A**	*30JUN04A*		***100***	***15,442.80***	15,442.80	
1403-70	Complete non-linear model revisions	**01SEP04A**	*31*	**30SEP04A**	*30SEP04A*		***100***	***0.00***	0.00	
1403-40.2X	Multifilament coils file incl leads	**01OCT04A**	*41**	**30NOV04A**	*11NOV04*		***100***	***5,889.60***	5,889.60	
1403-42D	Fracture fatigue analysis for MCWF	**01NOV04A**	*22*	**31DEC04**	*02DEC04*	***170***	***50***	***5,036.70***	10,073.40	
1403-42D.0	Determine Fatigue properties	**01NOV04A**	*22*	**31DEC04**	*02DEC04*	***1,220***	***50***	***1,678.90***	3,357.80	
1403-42G	WP beam FEA modeling	**01NOV04A**	*21*	**30NOV04A**	*06JAN05*		***100***	***2,944.80***	2,944.80	
1403-47A	Update,review & approve FMECA	**01DEC04***	*16*	**22DEC04**	*22DEC04*	***176***		***0.00***	5,889.60	
1403-42F	Perform WP beam tests at ORNL	**01NOV04A**	*51**	**14JAN05**	*06JAN05*	***161***	***30***	***7,950.96***	26,503.20	
1403-42A	WP beam bending results documentation	**01DEC04***	*22*	**31DEC04**	*02DEC04*	***170***		***0.00***	5,889.60	
1403-47B	det boundary conditions single nonlinear windng	**01DEC04***	*22*	**31DEC04**	*02DEC04*	***170***		***0.00***	6,370.00	
1403-40.2Z	Update nonlinear winding pack analysis	**01AUG04A**	*115**	**14JAN05**	*24NOV04*	***161***	***80***	***54,243.12***	78,547.95	



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December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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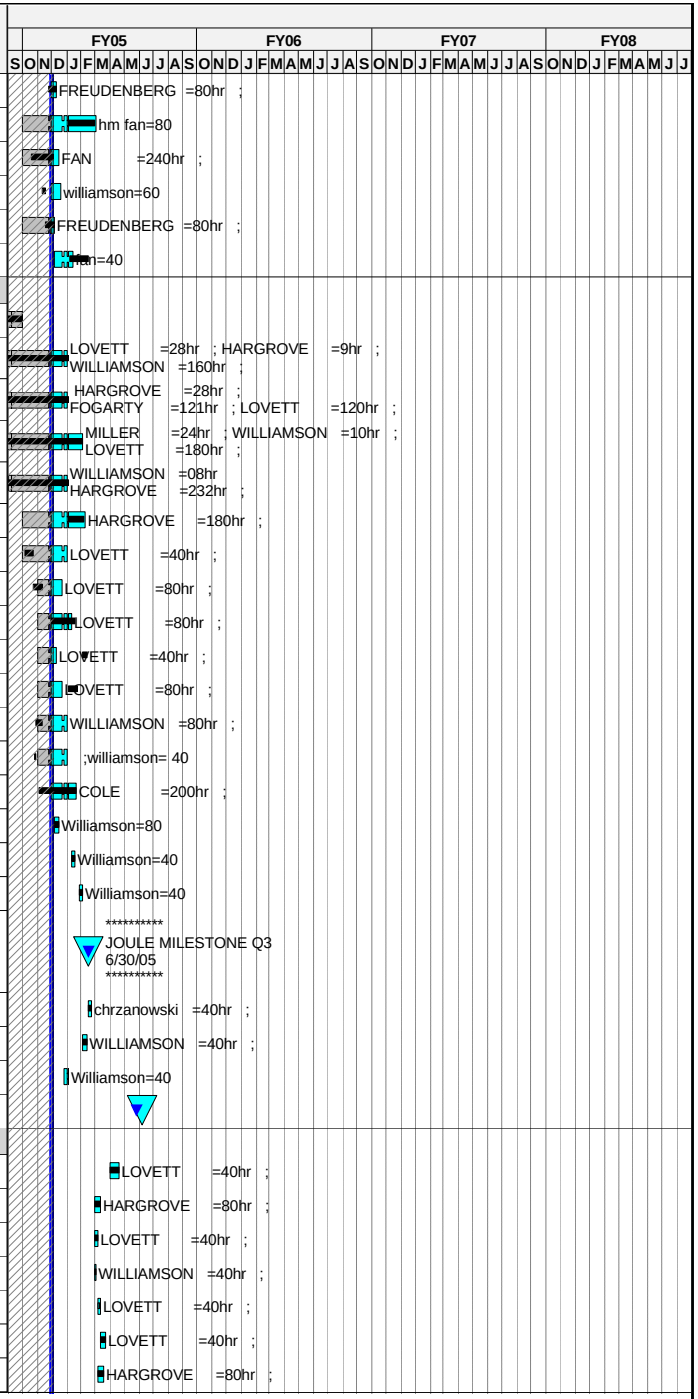
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
1403-73	Prep struct analysis report	01DEC04*	8*	10DEC04	10DEC04	1,234		0.00	11,779.20	
1403-90	Compile Material properties database	01OCT04A	105*	02MAR05	01MAR05	1,178	90	12,088.08	13,431.20	
1403-74	check analysis using simplified models	01OCT04A	53*	16DEC04	03DEC04	1,230	60	24,176.16	40,293.60	
1403-42H	calculate EM loads at leads	01DEC04*	14*	20DEC04	18NOV04	178	60	5,300.64	8,834.40	
1403-76	Structural analysis of leads	01OCT04A	45*	06DEC04	06DEC04	1,238	50	5,889.60	11,779.20	
1403-47C	Backup analysis/check of leads	06DEC04*	27	13JAN05	14FEB05	162		0.00	6,715.60	
Winding and Assembly Design-Type C										
1403-202	G-10 Filler Dwgs (24)-Type C ?????????????	01JAN04A	227*	30SEP04A	30SEP04A		100	13,512.45	13,512.45	
1403-200	Winding & Insulation Dwgs (8)-Type C	01JAN04A	253*	30DEC04	03JAN05	171	60	16,308.06	27,180.11	
1403-201	Leads & crossover Dwgs (10)-Type C	01JAN04A	253*	30DEC04	03JAN05	171	60	21,504.26	35,840.44	
1403-203	Clamp Dwgs (5)-Type C	01JAN04A	277*	03FEB05	03FEB05	147	30	8,631.64	28,772.13	
1403-204	Chill Plate Dwgs (66)-Type C	01SEP04A	83*	30DEC04	03JAN05	171	30	10,263.36	34,211.19	
1403-220	Cladding assembly-Type C	01OCT04A	88*	07FEB05	04FEB05	145	30	7,950.96	26,503.20	
1403-219	MCWF studs,modifications-Type C	01OCT04A	62*	30DEC04	21OCT04	171	30	1,766.88	5,889.60	
1403-221	Lead ends & closure-Type C	01NOV04A	15	21DEC04	11NOV04	177	30	3,533.76	11,779.20	
1403-222	Terminal assembly-Type C	01NOV04A	28	11JAN05	17JAN05	164	30	3,533.76	11,779.20	
1403-223	Top level coil assembly-Type C	01NOV04A	6	08DEC04	10FEB05	186	30	1,766.88	5,889.60	
1403-224	VPI mold assembly0-Type C	01NOV04A	15	21DEC04	24JAN05	177	30	3,533.76	11,779.20	
1403-206	Cooling, Electr Schematic Dwgs (1)- Type C	01NOV04A	41*	30DEC04	10NOV04	171	30	3,533.76	11,779.20	
1403-208	I&C Dwgs (1) -Type C	01NOV04A	41*	30DEC04	29OCT04	171	30	1,766.88	5,889.60	
1403-58C	Check and promote models / drawings -Type C	01DEC04*	36*	21JAN05	21JAN05	156		0.00	29,448.00	
1403-60	Update design basis document	06DEC04*	10*	17DEC04	17DEC04	179		0.00	11,779.20	
1403-49	Update cost / schedule estimates	11JAN05*	6*	18JAN05	18JAN05	159		0.00	5,889.60	
1403-62	Prepare FDR documentation / presentations	28JAN05*	5*	03FEB05	03FEB05	147		0.00	5,889.60	
1403-20	Mod Coil Type C FDR		0	14FEB05*	14FEB05*	140		0.00	0.00	
1403-20.2	Resolve FDR chits	15FEB05*	5	21FEB05	21FEB05	1,185		0.00	6,715.60	
1403-70.05	Update MIT/QA Plans for Type C Winding Fab	04FEB05*	5*	10FEB05	10FEB05	203		0.00	5,889.60	
1403-59	Update build-to specifications	27DEC04*	6*	04JAN05	03JAN05	231		0.00	5,889.60	
1403-20.1	Mod Coil Type C Fab Preparedness Review		0	07JUN05*	25MAY05*	122		0.00	0.00	
Winding and Assembly Design-Type B										
1403-419	MCWF studs,modifications-Type B	01APR05*	15	21APR05	21APR05	253		0.00	5,889.60	
1403-420	Cladding assembly-Type B	28FEB05*	10*	11MAR05	11MAR05	282		0.00	11,779.20	
1403-401	Leads & crossover Dwgs (10)-Type B	01MAR05*	5	07MAR05	07MAR05	276		0.00	5,889.60	
1403-400	Winding pack assy Dwgs (8)-Type B	28FEB05*	5*	04MAR05	04MAR05	287		0.00	5,889.60	
1403-421	Lead ends & closure-Type B	08MAR05	5	14MAR05	14MAR05	276		0.00	5,889.60	
1403-422	Terminal assembly-Type B	15MAR05	5	21MAR05	21MAR05	276		0.00	5,889.60	
1403-404	Chill Plate Dwgs (66)-TypeB	07MAR05*	10*	18MAR05	18MAR05	277		0.00	11,779.20	



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December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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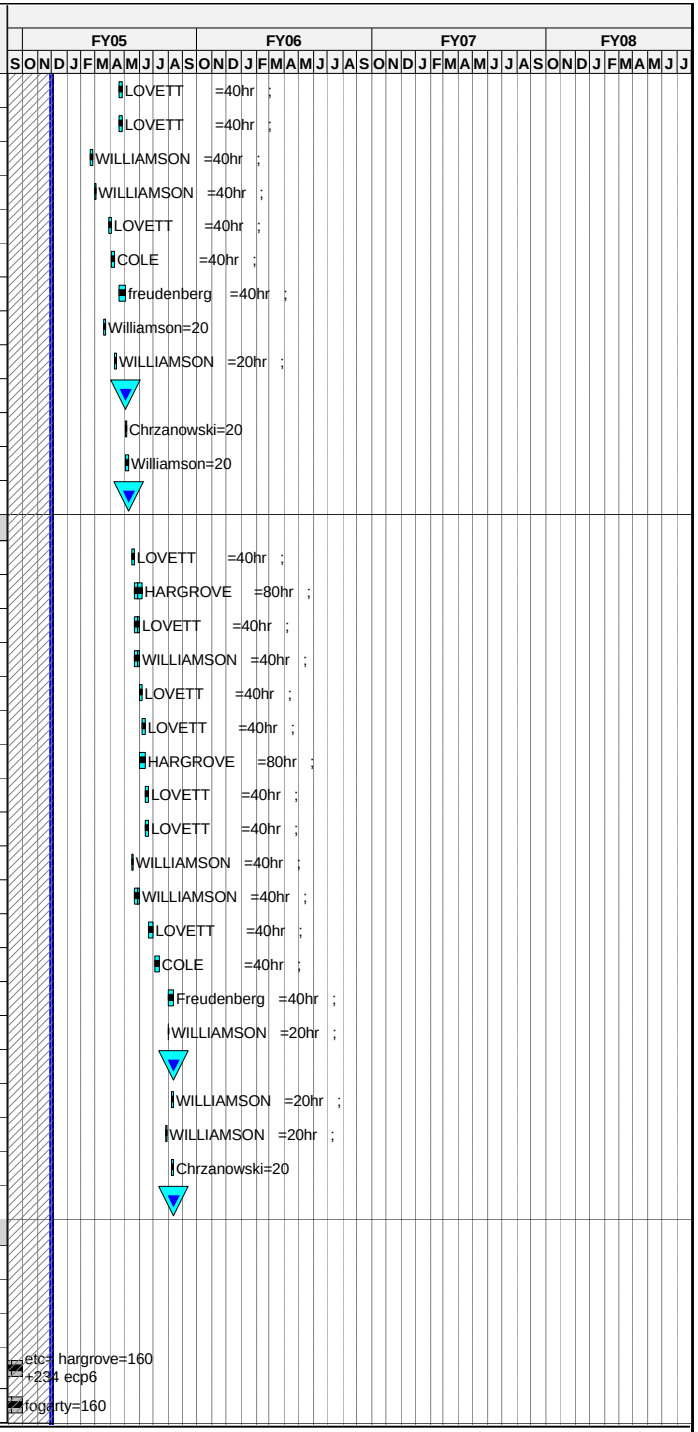
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
1403-424	VPI mold assembly0-Type B	21APR05*	6	28APR05	28APR05	248		0.00	5,889.60	
1403-403	Clamp Dwgs (5)-Type B	21APR05*	6	28APR05	28APR05	248		0.00	5,889.60	
1403-406	Cooling, Electr Schematic Dwgs (1)-Type B	18FEB05*	5*	24FEB05	24FEB05	293		0.00	5,889.60	
1403-408	I&C Dwgs (1) -Type B	28FEB05*	5*	04MAR05	04MAR05	287		0.00	5,889.60	
1403-423	Top level coil assembly-Type B	29MAR05*	5*	04APR05	04APR05	266		0.00	5,889.60	
1403-58B	Check and promote models / drawings -Type B	05APR05*	5*	11APR05	11APR05	261		0.00	5,889.60	
1403-80	Update design basis doc & cost sched est	21APR05*	10*	04MAY05	04MAY05	244		0.00	5,889.60	
1403-72.06	Update build-to spec	21MAR05*	3*	23MAR05	23MAR05	274		0.00	3,357.80	
1403-81	Prepare FDR doc	11APR05*	3*	13APR05	13APR05	259		0.00	2,944.80	
1403-72	Final Design Review Production Type B		0	04MAY05*	04MAY05*	244		0.00	0.00	
1403-72.05	Update MIT/QA Plans for Type C Winding Fab	04MAY05*	3*	06MAY05	06MAY05	292		0.00	3,357.80	
1403-72.07	Resolve FDR comments	05MAY05	3	09MAY05	09MAY05	291		0.00	3,357.80	
1403-72.1	Fab Readiness Review - Production Type B		0	09MAY05*	09MAY05*	291		0.00	0.00	
Winding and Assembly Design-Type A										
1403-319	MCWF studs,modifications-Type A	18MAY05*	5*	24MAY05	24MAY05	339		0.00	5,889.60	
1403-320	Cladding assembly-Type A	25MAY05*	10*	08JUN05	08JUN05	329		0.00	11,779.20	
1403-301	Leads & crossover Dwgs (10)-Type A	25MAY05*	5*	01JUN05	01JUN05	334		0.00	5,889.60	
1403-300	Winding pack assy Dwgs (8)-Type A	25MAY05*	5*	01JUN05	01JUN05	334		0.00	5,889.60	
1403-321	Lead ends & closure-Type A	02JUN05*	5*	08JUN05	08JUN05	329		0.00	5,889.60	
1403-322	Terminal assembly-Type A	09JUN05*	5*	15JUN05	15JUN05	324		0.00	5,889.60	
1403-304	Chill Plate Dwgs (66)-Type A	02JUN05*	10*	15JUN05	15JUN05	324		0.00	11,779.20	
1403-324	VPI mold assembly0-Type A	16JUN05*	5*	22JUN05	22JUN05	319		0.00	5,889.60	
1403-303	Clamp Dwgs (5)-Type A	16JUN05*	5*	22JUN05	22JUN05	319		0.00	5,889.60	
1403-306	Cooling, Electr Schematic Dwgs (1)-Type A	16MAY05*	5*	20MAY05	20MAY05	341		0.00	5,889.60	
1403-308	I&C Dwgs (1) -Type A	25MAY05*	5*	01JUN05	01JUN05	334		0.00	5,889.60	
1403-323	Top level coil assembly-Type A	23JUN05*	5*	29JUN05	29JUN05	314		0.00	5,889.60	
1403-58A	Check and promote models / drawings -Type A	06JUL05*	5*	12JUL05	12JUL05	306		0.00	5,889.60	
1403-904	Update cost/sched estimates&Design Basis doc.	04AUG05*	5*	10AUG05	10AUG05	285		0.00	5,889.60	
1403-900	Prep FDR Documentation	01AUG05*	3*	03AUG05	03AUG05	290		0.00	2,944.80	
1403-71	FDR Production Type A Mod Coil Winding		0	10AUG05*	10AUG05*	285		0.00	0.00	
1403-901	Resolve FDR comments	10AUG05*	3*	12AUG05	12AUG05	333		0.00	2,944.80	
1403-902	Update build-to spec	27JUL05*	3*	29JUL05	29JUL05	343		0.00	2,944.80	
1403-71.05	Update MIT/QA Plans for Type A Winding Fab	10AUG05*	3*	12AUG05	12AUG05	333		0.00	2,944.80	
1403-71.1	Fab Readiness Review - Production Type A		0	12AUG05*	12AUG05*	333		0.00	0.00	
Twisted Racetrack Design (Williamson)										
1406-097	Verify Conductor Dims	01OCT03A	3	03OCT03A	03OCT03A		100	2,573.80	2,573.80	
1406-098	Complete Drawings of Casting	13OCT03A	21	26NOV03A	26NOV03A		100	15,442.80	15,442.80	
1406-099	Review/Approve Casting Drawings	26NOV03A	10	26NOV03A	26NOV03A		100	15,442.80	15,442.80	
1406-101	Prepare Clamp & Chill Plate detail Drawings	14MAY04A	99*	30SEP04A	30SEP04A		100	50,703.86	50,703.86	
1406-101.1	Winding block dwgs for prototype leads?????????	01JUN04A	87*	30SEP04A	30SEP04A		100	20,590.40	20,590.40	



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December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

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NCSX
ECP 18
December 1 Status

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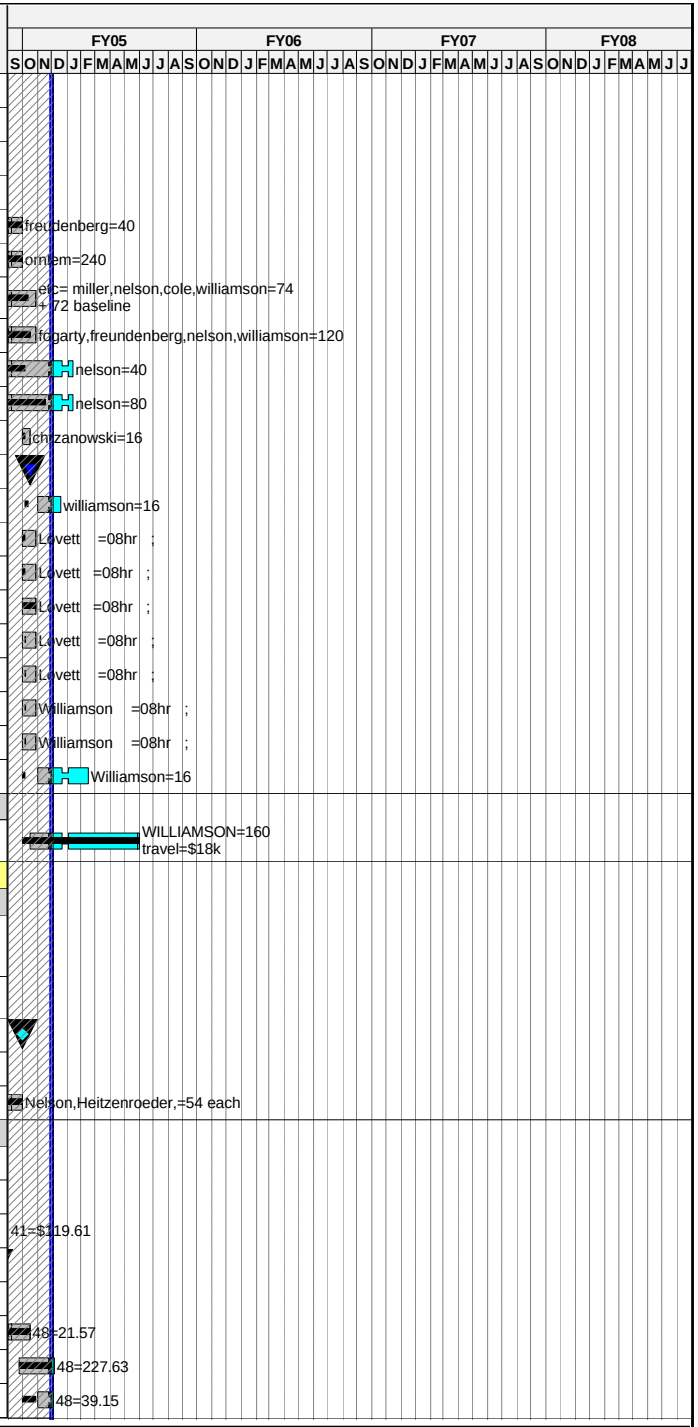
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
1406-105	Prepare ANSYS thermal analysis model	31OCT03A	3	31OCT03A	31OCT03A		100	2,573.80	2,573.80	
1406-106	Analyze Thermal Behavior due to pulse	31OCT03A	3	31OCT03A	31OCT03A		100	2,573.80	2,573.80	
1406-107	Calculate EM Loads due to max current	03NOV03A	3	26NOV03A	26NOV03A		100	5,147.60	5,147.60	
1406-108	Prep MECHANICA Struct Analysis Model	03NOV03A	3	26NOV03A	26NOV03A		100	5,147.60	5,147.60	
1406-109	Analyze Stress/deflection due to cooldown,pulse	01SEP04A	5*	30SEP04A	30SEP04A		100	5,147.60	5,147.60	
1406-111	Write papers and present at conferences	01SEP04A	241*	30SEP04A	30SEP04A		100	30,885.60	30,885.60	
1406-102	Review/Approve Clamp& Chill Plate Dwgs	01JUN04A	107*	29OCT04A	13OCT04		100	22,231.55	22,231.55	
1406-103.1	Prepare for Twisted Racetrack FDR	01SEP04A	42*	29OCT04A	15OCT04		100	16,555.80	16,555.80	
1406-104	Prepare Draft of Coil Test Plan	01OCT03A	317*	14JAN05	06OCT04	212	75	3,978.32	5,304.43	
1406-110	Finalize, Approve coil test plan	01DEC03A	276*	14JAN05	15NOV04	212	75	7,991.59	10,655.45	
1406-103.0	Prep MIT plan	01OCT04A	0*	15OCT04A	06OCT04		100	2,686.24	2,686.24	
1406-103.2	Twisted Racetrack FDR		0	15OCT04A	15OCT04*		100	0.00	0.00	
1406-103.3	Resolve TRC FDR Issues	01NOV04A	34*	20DEC04	12OCT04	1,204	50	1,177.92	2,355.84	
1406-150	Winding pack assy	01OCT04A	0*	29OCT04A	04OCT04		100	1,177.92	1,177.92	
1406-151	Lead ends & closure	01OCT04A	21*	29OCT04A	04OCT04		100	1,177.92	1,177.92	
1406-152	Terminal Assy	01OCT04A	21*	29OCT04A	29OCT04		100	1,177.92	1,177.92	
1406-153	VPI mold assy	01OCT04A	21*	29OCT04A	05OCT04		100	1,177.92	1,177.92	
1406-154	Clamp assy	01OCT04A	21*	29OCT04A	06OCT04		100	1,177.92	1,177.92	
1406-155	Cooling ,electr schematics	01OCT04A	21*	29OCT04A	05OCT04		100	1,177.92	1,177.92	
1406-156	I&C dwgs	01OCT04A	21*	29OCT04A	06OCT04		100	1,177.92	1,177.92	
1406-157	Build to specification	01NOV04A	67*	14FEB05	06OCT04	1,171	50	1,177.92	2,355.84	
TITLE2TRC	Titel III Design-TRC FAB	15OCT04A	153*	31MAY05	31MAY05	1,096	LOE	11,133.01	54,842.40	
Job:1404-MCWF R&D & 1st Prod Casting-HEITZENROED										
Prototype Design Issues										
1404-109.J	JOULE MILESTONE #1-Authorize Prototype Fab		0	20OCT03A	20OCT03A		100	0.00	0.00	
1404-110.J	JOULE MILESTONE #3-Prototype Casting Made		0	28MAY04A	28MAY04A		100	0.00	0.00	
3000	Issue Type C final drawings to EIO & JPP		0	30SEP04A	30SEP04A		100	0.00	0.00	
1404-65	Fabrication oversight by Project	01OCT03A	213*	30JUN04A	30JUN04A		100	132,000.00	132,000.00	
1404-66	Proposal evaluation & contract oversight	01AUG04A	43*	30SEP04A	30SEP04A		100	15,627.06	15,627.06	
EIO Subcontract (S04341F)										
1404-100	EIO-Cost FY03	01MAY03A	10	30SEP03A	30SEP03A		100	307,170.24	307,170.24	
1404-105	EIO-FY04 Cost Through June 30,2004 ECP 11	01OCT03A	10*	30JUN04A	30JUN04A		100	571,337.28	571,337.28	
1404-106	contract balance ECP 11	01JUL04A	0*	31AUG04A	31AUG04A		100	119,610.00	119,610.00	
1404-107	EIO-Suspend Prototype work ECP 11		0	06AUG04A	06AUG04A		100	0.00	0.00	
3010	Vendor #1 Contract Amended	09AUG04A	0*	13AUG04A	13AUG04A		100	0.00	0.00	
PPC-1	Engr & Flow Solidification	01SEP04A	42*	15OCT04A	15OCT04		C	21,570.00	21,570.00	
PPC-2	Lawton mold Assy	22SEP04A	52*	06DEC04	30NOV04	107	C	227,630.00	227,630.00	
PPC-3	Materials	01NOV04A	21*	01DEC04	29OCT04	110	C	33,277.50	39,150.00	



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December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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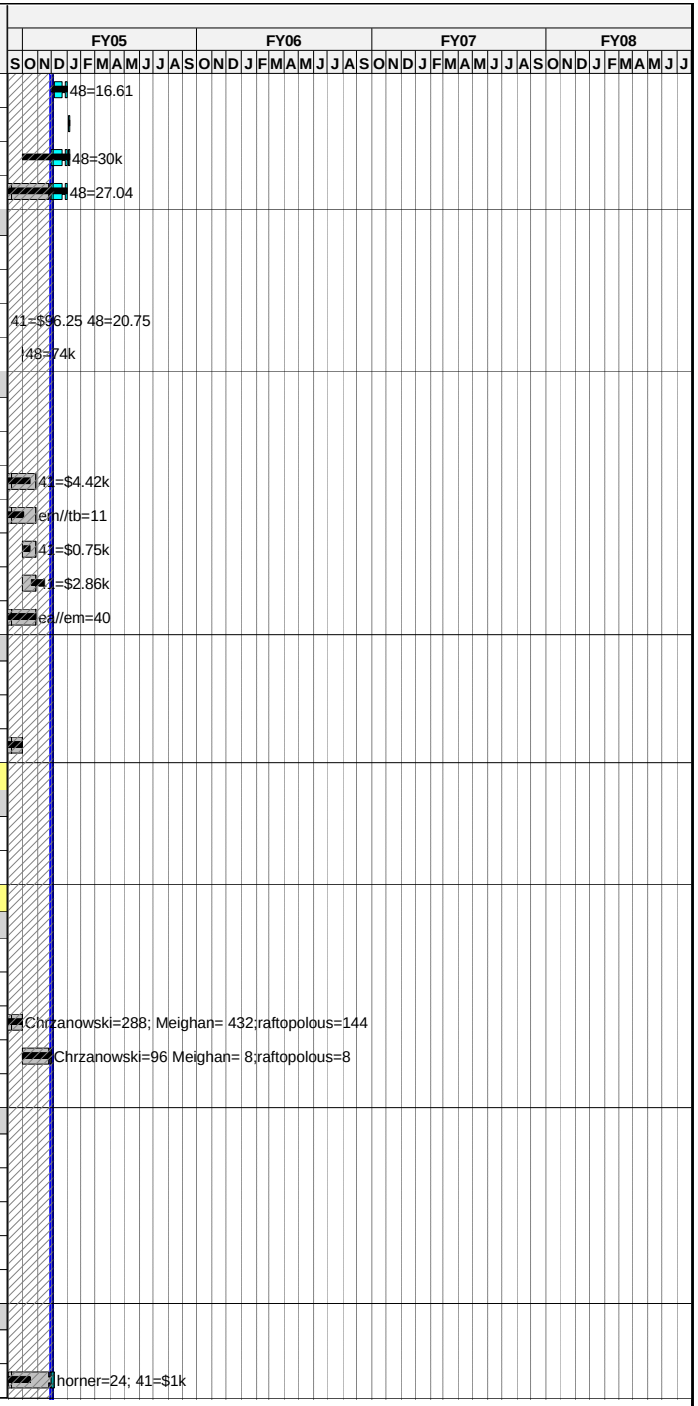
PPC-4	Build Pattern & Pour Casting	07DEC04*	17*	31DEC04	31DEC04	107		0.00	16,610.00	
PPC-5	Clean/Inspect Heat treat Casting	04JAN05*	4	07JAN05	07JAN05	107		0.00	0.00	
PPC-5C	contract resolution setaside	01DEC04*	25*	07JAN05	07JAN05	1,224		0.00	30,000.00	$155,000
PPC-6	Oversight/Reporting	04AUG04A	103*	31DEC04	31DEC04	1,228	LOE	21,523.84	27,040.00	
JP Pattern Subcontract (S04340F)										
1404-200	JPP- cost FY03	01MAY03A	10	30SEP03A	30SEP03A		100	92,170.40	92,170.40	
1404-205	JPP-FY04 Cost Through June 30,2004 ECP 11	01OCT03A	10*	30JUN04A	30JUN04A		100	417,120.34	417,120.34	
1404-206	JPP- July forecast ECP 11	01JUL04A	0*	31AUG04A	31AUG04A		100	143,372.50	143,372.50	
3110	Contract balance	30SEP04A	2*	30SEP04A	30SEP04A		100	74,000.00	74,000.00	
MCWF Fracture Analysis										
1404-FR1	Rough machine specimens, Lot 1 (17 pcs.) at PPPL	15JUL04A	10	29JUL04A	29JUL04A		100	1,305.60	1,305.60	
1404-FR2	Machine Lot 1 specimens to ASTM spec (Crystal En	02AUG04A	10	20AUG04A	20AUG04A		100	1,082.90	1,082.90	
1404-FR3	Test Lot 1 specimens - 17 pcs. At $260	20AUG04A	50*	29OCT04A	15OCT04		100	5,844.57	5,844.57	
1404-FR4	Rough machine Lot 2 (11 specimens) at PPPL	16AUG04A	54*	29OCT04A	01OCT04		100	856.56	856.56	
1404-FR5	Machine Lot 2 specimens to ASTM spec. (Crystal E	01OCT04A	10	29OCT04A	15OCT04		100	1,041.75	1,041.75	
1404-FR6	Test Lot 2 specimens @NHMFL 11 pcs.	01OCT04A	20	29OCT04A	12NOV04		100	3,972.54	3,972.54	
1404-FR7	Engineering coordination	15JUL04A	76*	29OCT04A	29OCT04		100	6,507.47	6,507.47	
0000										
1404-002	Apr-Sept YTD MIE Cost ORNL	01APR03A	64*	30SEP03A	30SEP03A		100	100,220.00	100,220.00	
1404-003	Apr-Sept YTD MIE Cost PPPL	01APR03A	64*	30SEP03A	30SEP03A		100	64,670.00	64,670.00	
1404-ECP16	ecp16	01OCT03A	64*	30SEP04A	30SEP04A		100	93,000.00	93,000.00	
Job: 1405-Mod Coil Winding R&D Prep-CHRZANOWSKI										
0000										
1405-002	Apr-Sep YTD MIE Cost ORNL	01APR03A	64*	30MAY03A	30MAY03A			0.00	0.00	
1405-003	Apr-Sep YTD MIE Cost PPPL	01APR03A	64*	30MAY03A	30MAY03A			168,070.00	168,070.00	
Job: 1406 - Mod. Coil Winding R&D-CHRZANOWSKI										
Oversight & Supervision										
1406-049	Increased cost of FDR support ECP 11	01OCT03A	20	28MAY04A	28MAY04A		100	292,000.00	292,000.00	
1406-000	Supervision & Oversight	01OCT03A	180	28MAY04A	28MAY04A		LOE	106,644.80	106,644.80	
1406-000.1	Supervision & Oversight	01JUN04A	86*	30SEP04A	30SEP04A		LOE	114,912.00	114,912.00	
1406-000.2	Supervision & Oversight	01OCT04A	41*		30NOV04		LOE	39,362.76	39,362.76	
1406-048	Testing & Strain Gauge Design	01OCT03A	20	31OCT03A	31OCT03A		100	24,253.50	24,253.50	
Keystone R&D										
1406-001	Purchase 10 spools conductor (twisted racetrack)	03NOV03A	40*	23DEC03A	23DEC03A		100	7,644.00	7,644.00	
1406-003	Purchase 8 spools conductor (long twisted windin	03NOV03A	40*	23DEC03A	23DEC03A		100	7,644.00	7,644.00	
1406-005	Purchase epoxy & Insulation	03NOV03A	163*	30JUN04A	30JUN04A		100	5,516.42	5,516.42	
1406-010	Keystone Test for New Conductor	02JAN04A	41*	27FEB04A	27FEB04A		100	6,144.00	6,144.00	
1406-011	Purchase add'l copper Conductor	01MAR04A	45*	30APR04A	30APR04A		100	8,918.00	8,918.00	
Twisted Racetrack Hardware Fabrication (Chrzano										
1406-014	Bid, Evaluate and Award Casting to EIO or JPP	01DEC03A	28	23DEC03A	23DEC03A		100	0.00	0.00	
1406-016.5	PPPL Fabricate TRC Cladding	01SEP04A	67*	07DEC04	14OCT04	121	50	1,620.74	3,241.47	



Run Date 14DEC04 14:22

December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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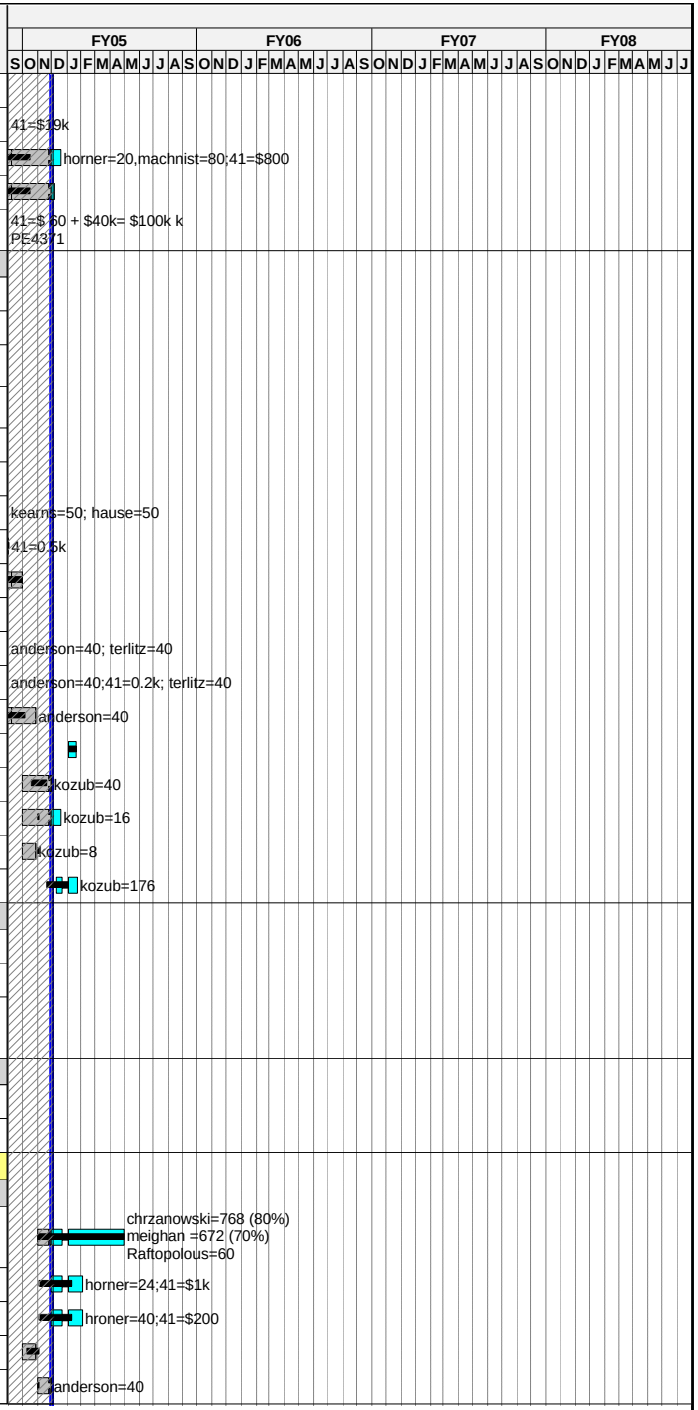
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
1406-016.8	order trc clamps	29JUN04A	1	29JUN04A	29JUN04A		100	0.00	0.00	
1406-016.9	fab trc clamps	02AUG04A	37	31AUG04A	31AUG04A		100	24,206.00	24,206.00	
1406-016.A	fab trc lead components	01AUG04A	98*	20DEC04	15OCT04	124	85	9,537.55	11,220.64	
1406-016.B	write procedures, doc mit/qa plan	09JUN04A	126*	07DEC04	14OCT04	121	90	0.00	0.00	
1406-016	Procure casting from EIO (new scope)	02FEB04A	150*	31AUG04A	31AUG04A		100	127,387.26	127,387.26	
Testing										
1406-029	Fab New Specimen Molds	01DEC03A	107*	30APR04A	30APR04A		100	22,992.00	22,992.00	
1406-029.1	Design samples	01MAR04A	15	31MAR04A	31MAR04A		100	0.00	0.00	
1406-030	Fab & Pot samples	26JAN04A	108*	28MAY04A	28MAY04A		100	31,334.40	31,334.40	
1406-031	Prep fixtures and test equipt	03NOV03A	141	28MAY04A	28MAY04A		100	69,234.00	69,234.00	
1406-032	Test samples	01MAR04A	65	28MAY04A	28MAY04A		100	51,225.60	51,225.60	
1406-50	Fab Straight Tee Specimen	21JUN04A	14*	30JUN04A	30JUN04A		100	17,203.20	17,203.20	
1406-51	VPI Tee specimen	12JUL04A	37*	31AUG04A	31AUG04A		100	7,680.00	7,680.00	
1406-52	Ship Tee specimen to ORNL	31AUG04A	5	31AUG04A	31AUG04A		100	637.00	637.00	
1406-54	Complete shear modulus & cyclic testing	01JUN04A	125*	30SEP04A	30SEP04A		100	32,277.70	32,277.70	
1406-55	Fab chill plate specimens	01JUN04A	24	30JUN04A	30JUN04A		100	12,925.00	12,925.00	
1406-56	test chill plate specimens	01AUG04A	0*	31AUG04A	31AUG04A		100	6,144.00	6,144.00	
1406-57	fab cooling tube/chill plate assy	01AUG04A	5	31AUG04A	31AUG04A		100	6,398.80	6,398.80	
1406-58	fab MC lead braze specimens	01AUG04A	5	29OCT04A	07OCT04		100	3,108.09	3,108.09	
1406-033	Prepare Test report	04JAN05*	13*	20JAN05	20JAN05	1,188		0.00	0.00	
1406-100	Single conductor torsion test	01OCT04A	41*	30NOV04A	19NOV04		100	6,699.60	6,699.60	
1406-200	Transverse compression at LN2	01OCT04A	55*	20DEC04	05NOV04	1,204	25	669.96	2,679.84	
1406-210	Dogbone test @RT	01OCT04A	5	29OCT04A	05NOV04		100	1,339.92	1,339.92	
1406-215	4 turn racetrack fatigue tests	10DEC04*	25	24JAN05	05JAN05	1,186		0.00	29,478.24	
"inchworm" Twisted Winding										
1406-119	Join straight sections w/2 end loops	01OCT03A	79*	30JAN04A	30JAN04A		100	31,590.00	31,590.00	
1406-120	Wind Conductor	30JAN04A	86*	28MAY04A	28MAY04A		100	18,432.00	18,432.00	
1406-040	JOULE MILESTONE #2-Begin winding on 3D surface	30JAN04A	0				100	0.00	0.00	
0000										
1406-0002	Apr-Sep YTD MIE Cost ORNL	01APR03A	64*	30SEP03A	30SEP03A		100	0.00	0.00	
1406-0003	Apr-Sep YTD MIE Cost PPPL	01APR03A	64*	30SEP03A	30SEP03A		100	831,120.00	831,120.00	
Job: 1410 MC Twisted Racetrack Fabr-CHRZANOWSKI										
Twisted Racetrack Hardware Fabrication (Chrzano										
1406-016.0	Oversight & Supervision	01NOV04A	121*	29APR05	29APR05	1,117	LOE	35,005.31	212,153.40	
1406-016.6	PPPL Fabricate TRC Chill plates	01DEC04*	40	03FEB05	11JAN05	128		0.00	2,950.95	
1406-016.7	PPPL Fabricate TRC Tubing	01DEC04*	40	03FEB05	11JAN05	128		0.00	3,459.80	
1406-016.1	Inspect & Measure Casting	01OCT04A	20	29OCT04A	05NOV04		100	0.00	0.00	
1406-016.2	Install Studs	01NOV04A	5	30NOV04A	05NOV04		100	3,182.00	3,182.00	



Run Date 14DEC04 14:22

December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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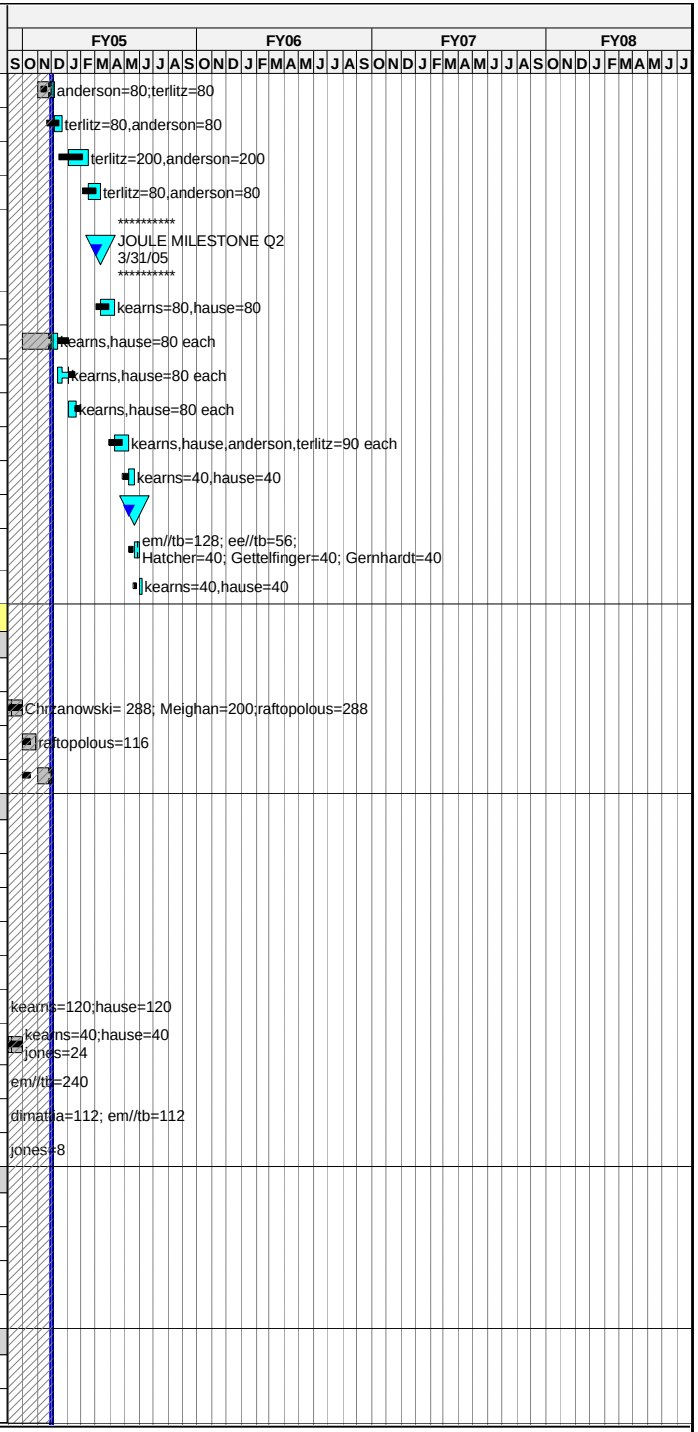
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
1406-106.3	Winding Trials (wo/ cladding)	01NOV04A	24*	06DEC04	19NOV04	122	90	11,455.20	12,728.00	
1406-017	Instl cladding(station 2)	08DEC04	12	23DEC04	14DEC04	121	10	1,272.80	12,728.00	
1406-017.1	Instl grnd wrap & wind coil(station 2)	04JAN05	30	14FEB05	02FEB05	121		0.00	31,820.00	
1406-017.2	Instl chill plates & tubing (station 2)	15FEB05	20	14MAR05	02MAR05	121		0.00	12,728.00	
1406-017.3	Cmplt Assy of twisted racetrack (Joule milestone		0	14MAR05	02MAR05	1,151		0.00	0.00	
1406-018	Apply bag mold (station 4)	15MAR05	20	11APR05	30MAR05	121		0.00	12,728.00	
1406-ST1	Fab Straight Tee Specimen	01OCT04A	50*	13DEC04	03JAN05	179	35	4,454.80	12,728.00	
1406-ST2	Straight Tee VPI Prep	14DEC04	10	05JAN05	17JAN05	179		0.00	12,728.00	
1406-ST3	VPI Tee Specimen	06JAN05	10	19JAN05	31JAN05	179		0.00	12,728.00	
1406-019	VPI TRC in autoclave	12APR05	20	09MAY05	27APR05	121		0.00	28,638.00	
1406-019.1	Instl permanent clamps	10MAY05	10	23MAY05	11MAY05	121		0.00	12,728.00	
1406-020	Begin Testing of Twisted RT in Coil test Stand	24MAY05	0			122		0.00	0.00	
1406-021	Test Coil	24MAY05	5	31MAY05	18MAY05	121		0.00	32,284.72	
1406-023	Dissect Coil	01JUN05	5	07JUN05	25MAY05	121		0.00	6,364.00	
Job: 1407 -Mod Coil Winding Facility-CHRZANOWSKI										
Oversight and Supervision										
1407-002	Winding Facility, Tooling, Materials Oversight	01OCT03A	186*	28MAY04A	28MAY04A		100	170,204.20	170,204.20	
1407.002.2	Winding Facility, Tooling, Materials Oversight	01JUN04A	86*	30SEP04A	30SEP04A		100	113,623.20	113,623.20	
1407.002.3	Winding Facility, Tooling, Materials Oversight	01OCT04A	0*	29OCT04A	15OCT04		100	19,475.24	19,475.24	
1407-002.1	Prep Winding Facility Ops Plan(reqd for TRT FRR)	01NOV04A	10	30NOV04A	14OCT04		100	0.00	0.00	
Autoclave										
1407-005	Domes & cylinder Fab & Deliver (PE4226)	01DEC03A	18	23DEC03A	23DEC03A		100	20,167.42	20,167.42	
1407-006.2	Blower/Elec HW- Fab & Deliver (PE 4218)	31OCT03A	18	31OCT03A	31OCT03A		100	509.60	509.60	
1407-008	Remaining Autoclave components-Deliver	01OCT03A	49	31MAR04A	31MAR04A		100	11,466.00	11,466.00	
1407-011	Fabricate Autoclave	01OCT03A	128*	31MAR04A	31MAR04A		100	163,036.80	163,036.80	
1407-011.1	Autoclave assembly	01JUL04A	26*	06AUG04A	06AUG04A		100	18,432.00	18,432.00	
1407-011.2	Rebuild vacuum pumps (2)	01AUG04A	15	31AUG04A	31AUG04A		100	18,432.00	18,432.00	
1407-012	Autoclave PTP	01SEP04A	5	30SEP04A	30SEP04A		100	8,668.80	8,668.80	
1407.011.3	Fab & Install vacuum lines	01AUG04A	15	31AUG04A	31AUG04A		100	18,432.00	18,432.00	
1407.011.4	Instl insulation on autoclave	02AUG04A	14	31AUG04A	31AUG04A		100	17,203.20	17,203.20	
1407.011.5	Write autoclave PTP	01JUN04A	9	31AUG04A	31AUG04A		100	841.60	841.60	
Area Preparation										
1407-200	Decon TFTR test Cell Crane	26NOV03A	20	26NOV03A	26NOV03A		N/R	18,432.00	18,432.00	
1407-202	Setup facility stations	01MAR04A	118*	28MAY04A	28MAY04A		100	29,161.80	29,161.80	
1407-204	Build cleanrooms (2) locations	02FEB04A	128*	28MAY04A	28MAY04A		100	92,352.50	92,352.50	
1407-204.2	Build cleanroom (1 add'l) **2nd line**	02FEB04A	171*	28MAY04A	28MAY04A		100	32,595.00	32,595.00	
Design Activities										
1407-003	Winding Facility, Tooling, Design	01OCT03A	207*	28MAY04A	28MAY04A		100	115,614.80	115,614.80	
1407-003.1	Facility Drawings	01JUN04A	14*	18JUN04A	18JUN04A		100	10,520.00	10,520.00	



Run Date 14DEC04 14:23

December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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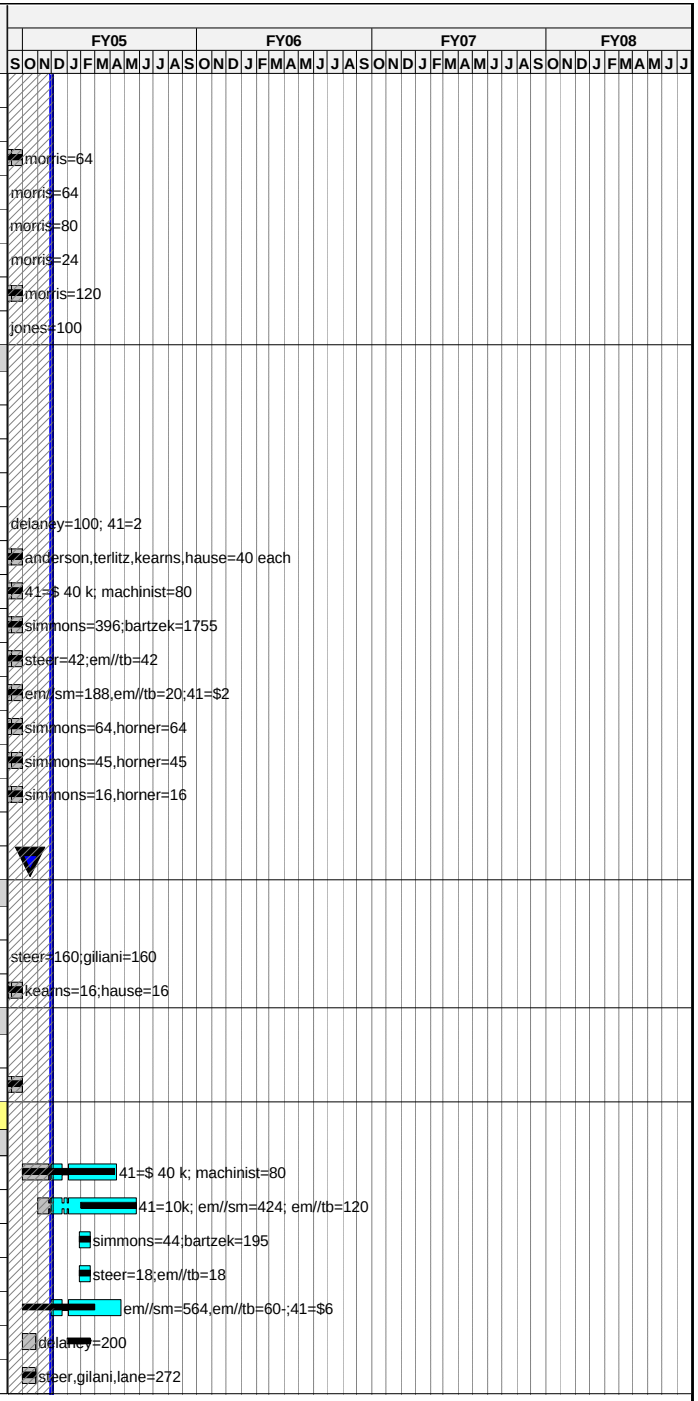
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
1407-003.2	Final Drawings for winding clamps	21JUN04A	10*	30JUN04A	30JUN04A		100	8,416.00	8,416.00	
1407-003.3	Final Drawings -type C casting supports	12JUL04A	5*	16JUL04A	16JUL04A		100	4,208.00	4,208.00	
1407-003.4	Final Drawings -casting to ring fixture	02AUG04A	43*	30SEP04A	30SEP04A		100	6,732.80	6,732.80	
1407-003.5	Final Drawings -Type A casting supports	29JUL04A	24*	31AUG04A	31AUG04A		100	6,732.80	6,732.80	
1407-003.6	Final Drawings -Type B casting supports	10AUG04A	11*	24AUG04A	24AUG04A		100	8,416.00	8,416.00	
1407-003.7	Final Drawings -casting stud fixture	01AUG04A	0*	31AUG04A	31AUG04A		100	2,524.80	2,524.80	
1407-003.8	Misc Drawings (ecn's etc)	01AUG04A	54*	30SEP04A	30SEP04A		100	12,624.00	12,624.00	
1407-003.9	Electrical design support/oversight	01JUN04A	86*	31AUG04A	31AUG04A		100	10,520.00	10,520.00	
Remaining fixtures & tooling										
1407-100	Fabricate turning fixtures and coil supports	01DEC03A	166*	28MAY04A	28MAY04A		100	245,050.00	245,050.00	
1407-100.2	Fabr turning fixt&coil supports **2nd line**	02FEB04A	128*	28MAY04A	28MAY04A		100	131,313.00	131,313.00	
1407-110	Fabricate Winding clamp sets (125)	01MAY04A	40	28MAY04A	28MAY04A		100	40,488.00	40,488.00	
1407-115	Fabricate Conductor payout spool system	01MAR04A	119*	28MAY04A	28MAY04A		100	94,258.40	94,258.40	
1407-115.2	Fabr Conduct payout spool syst ** 2nd line**	01JUN04A	65*	31AUG04A	31AUG04A		100	13,078.00	13,078.00	
1407-128	Setup facility stations 2&5	01JUN04A	86*	30SEP04A	30SEP04A		100	12,288.00	12,288.00	
1407-130	Misc tools & equipt FY04	02FEB04A	171*	30SEP04A	30SEP04A		100	29,692.00	29,692.00	
1407-100.3	Fab & Instl Turning Fixt 2,3&4	01JUN04A	107*	30SEP04A	30SEP04A		100	176,482.80	176,482.80	
1407-100.4	Electr hookup turning fixtures 2,3&4	01AUG04A	64*	30SEP04A	30SEP04A		100	7,648.20	7,648.20	
1407-110.2	Compl Fabr Winding clamp sets (100 of 400)	12JUL04A	58*	30SEP04A	30SEP04A		100	23,880.40	23,880.40	
1407-125	Fab Type C casting supports (6) sets	02AUG04A	15	30SEP04A	30SEP04A		100	9,830.40	9,830.40	
1407-126	Fab Type A casting supports (6) sets	02AUG04A	65*	30SEP04A	30SEP04A		100	6,912.00	6,912.00	
1407-127	Fab Type B casting supports (6) sets	02AUG04A	65*	30SEP04A	30SEP04A		100	2,457.60	2,457.60	
1407-135	construct cleanroom mech and electrical	01JUN04A	22*	30JUN04A	30JUN04A		100	24,576.00	24,576.00	
1407-199	Winding Facility ACC Rvw stations 2&5		0	15OCT04A	15OCT04*		100	0.00	0.00	
VPI Preparations										
1407-105	Anchor VPI platforms	01JUN04A	4*	30JUN04A	30JUN04A		100	6,144.00	6,144.00	
1407-106	Instl electric to VPI platforms & cntrl panel	01AUG04A	0*	31AUG04A	31AUG04A		100	24,576.00	24,576.00	
1407-108	Mount mixing tanks onto VPI platforms	01SEP04A	2	30SEP04A	30SEP04A		100	2,457.60	2,457.60	
0000										
1407-001	Apr-Sep YTD MIE Cost PPPL	01APR03A	64*	30SEP03A	30SEP03A		100	267,550.00	267,550.00	
1407-ECP16	ecp16	01OCT03A	64*	30SEP04A	30SEP04A		100	507,000.00	507,000.00	
Job: 1412 - Complete Winding Facilities-CHRZANOW										
Remaining fixtures & tooling										
1407-130.1	Misc tools & equipt FY05	01OCT04A	130*	13APR05	12APR05	1,129	50	16,066.80	32,133.60	
1408-999	3rd winding line conductor payout sys	01NOV04A	144*	25MAY05	25MAY05	182	20	13,916.83	69,584.16	
1407-100.5	Complete Fab & Instl Turning Fixt 4	28JAN05*	15	17FEB05	17FEB05	186		0.00	20,301.21	
1407-100.6	Complete Electr hookup turning fixtures 4	28JAN05*	15	17FEB05	17FEB05	186		0.00	3,391.02	
1407-110.3	Compl Fabr Winding clamp sets (300 of 400)	01DEC04*	97	25APR05	28FEB05	1,121	10	7,366.96	73,669.62	
1407-124	Fab casting to ring assy fixture station 1	01OCT04A	34	29OCT04A	17FEB05		100	21,768.00	21,768.00	
1407-124.5	Electrical Installations	01OCT04A	0*	29OCT04A	29OCT04		100	21,637.60	21,637.60	



Run Date 14DEC04 14:23

December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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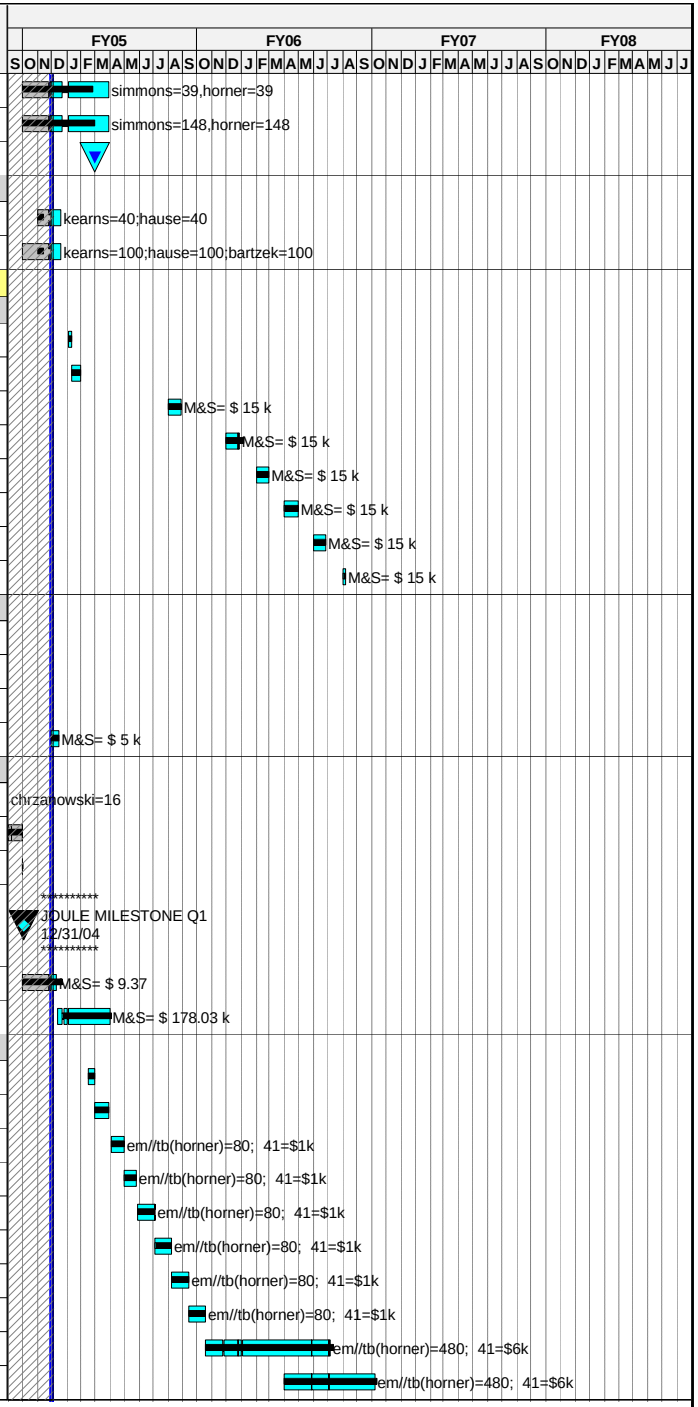
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
1407-126.1	Complete Fab Type A casting supports (6) sets	01OCT04A	98	28MAR05	25FEB05	219	95	5,894.66	6,204.90	
1407-127.1	Complete Fab Type B casting supports (6) sets	01OCT04A	98	28MAR05	28FEB05	281	75	17,660.10	23,546.80	
1412-199	Complete Winding Facility ACC Review		0	28FEB05*	28FEB05*	179		0.00	0.00	
VPI Preparations										
1407-107	Perform epoxy mixing trials with delivery sys	01NOV04A	34*	20DEC04	12NOV04	1,204	90	5,727.60	6,364.00	
1407-109	Fab & assemble VPI delivery sys	01OCT04A	55*	20DEC04	12NOV04	1,204	60	14,319.00	23,865.00	
Job:1408-Mod Coil Winding Supplies-CHRZANOWSKI										
Epoxy										
1408-111	Epoxy - Requisition	04JAN05*	5	10JAN05	10JAN05	322		0.00	0.00	
1408-114	Epoxy -Evaluate Bids & Award	11JAN05	15	31JAN05	31JAN05	322		0.00	0.00	
1408-117	Epoxy -1st Delivery for Production	01AUG05*	20	26AUG05	26AUG05	195		0.00	20,835.00	
1408-119	Epoxy -2nd Delivery for Production	01DEC05*	20	29DEC05	05JAN06	151		0.00	19,350.00	
1408-121	Epoxy -3rd Delivery for Production	01FEB06*	20	28FEB06	28FEB06	150		0.00	19,350.00	
1408-123	Epoxy -4th Delivery for Production	03APR06*	20	28APR06	28APR06	143		0.00	19,350.00	
1408-125	Epoxy -5th Delivery for Production	01JUN06*	20	28JUN06	28JUN06	141		0.00	19,350.00	
1408-127	Epoxy -6th Delivery for Production	01AUG06*	5	07AUG06	07AUG06	146		0.00	19,350.00	
Insulation for conductor										
1408-101	Insulation-Spec & Requisition	09JUL04A	3*	13JUL04A	13JUL04A		100	0.00	0.00	
1408-103	Insulation-Prep & Issue RFQ/RFP	01AUG04A	10	20AUG04A	20AUG04A		100	0.00	0.00	
1408-104	Insulation-Evaluate Bids & Award	23AUG04A	5	31AUG04A	31AUG04A		100	0.00	0.00	
1408-107	Insulation-Delivery for Production	01DEC04*	11	15DEC04	15DEC04	243		0.00	6,945.00	
Copper Conductor										
1408-141	Copper Conductor -Spec & Requisition	02AUG04A	3	27AUG04A	27AUG04A		100	2,571.20	2,571.20	
1408-142	Copper Conductor -Prep & Issue RFQ/RFP	30AUG04A	23*	30SEP04A	30SEP04A		90	0.00	0.00	
1408-143	Copper Conductor -Evaluate Bids & Award	30SEP04A	5	30SEP04A	30SEP04A			0.00	0.00	
1408-143.1	Mod Coil Copper Conductor Awarded		0	01OCT04A	01OCT04A			0.00	0.00	
1408-147	Copper Conductor -Delivery #1 PE005371	01OCT04A	49*	10DEC04	21DEC04	246		0.00	13,014.93	
1408-145	Copper Conductor -Delivery #2 PE005371	13DEC04	78*	01APR05	05APR05	317		0.00	247,283.67	
Chill Plates,Cladding&Tubing										
1408-131L	Chill Plates -Spec & Requisition	15FEB05	10	28FEB05	28FEB05	140		0.00	0.00	
1408-133L	Chill plates -Bid & Award Material	01MAR05	20	28MAR05	28MAR05	140		0.00	0.00	
1408-137L	Chill plates ,cladsding,tubing Fab Type C1	04APR05*	20	29APR05	29APR05	136		0.00	7,753.00	
1408-137L1	Chill plates ,cladsding,tubing Fab Type C2	02MAY05	20	27MAY05	27MAY05	142		0.00	7,753.00	
1408-137L2	Chill plates ,cladsding,tubing Fab Type A1	31MAY05	25	05JUL05	05JUL05	142		0.00	7,753.00	
1408-137L3	Chill plates ,cladsding,tubing Fab Type C3	06JUL05	25	09AUG05	09AUG05	142		0.00	7,753.00	
1408-137L4	Chill plates ,cladsding,tubing Fab Type B1	10AUG05	25	13SEP05	14SEP05	142		0.00	7,753.00	
1408-137L5	Chill plates ,cladsding,tubing Fab Type A2	14SEP05	25	18OCT05	19OCT05	142		0.00	7,765.77	
1408-138L	Chill plates ,cladsding,tubing Fab Bal of A's	19OCT05*	180	05JUL06	13JUL06	157		0.00	46,677.60	
1408-139L	Chill plates ,cladsding,tubing Fab Bal of B's	03APR06*	134	09OCT06	11OCT06	123		0.00	46,774.26	



Run Date 14DEC04 14:23

December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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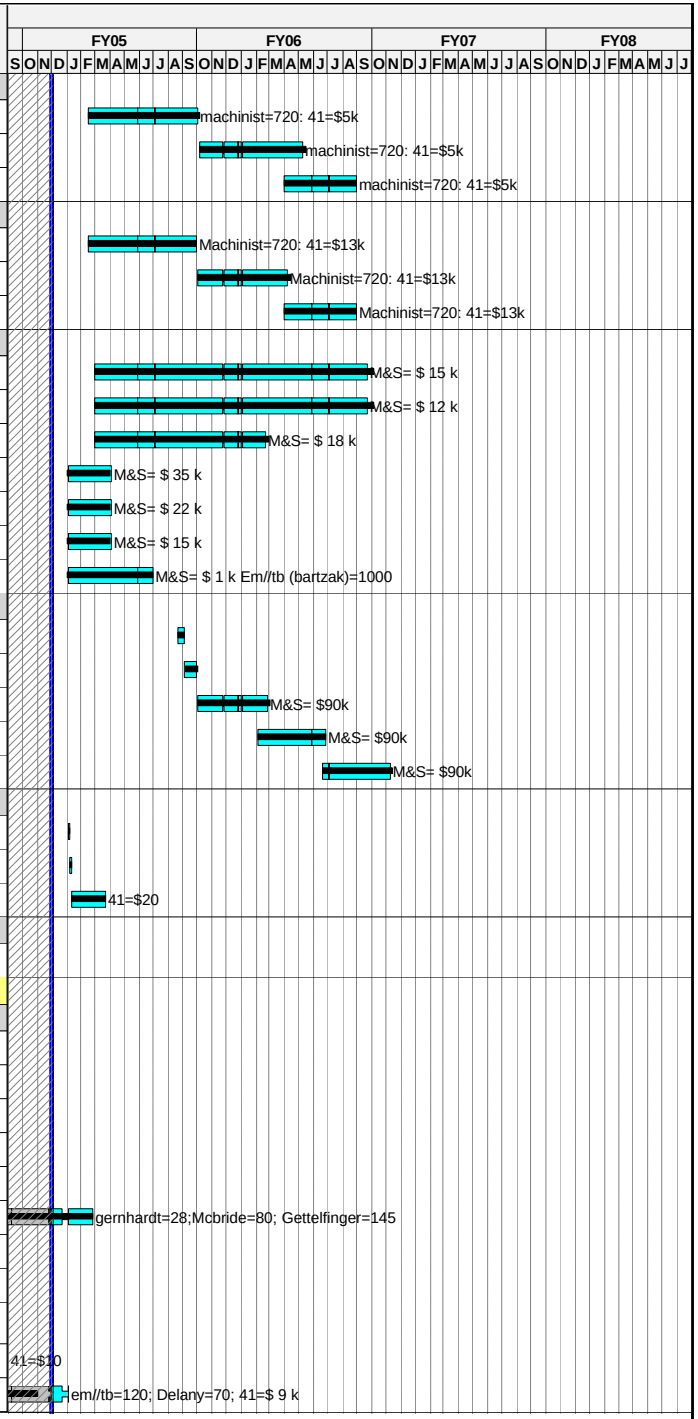
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
G-11 Filler										
1408-153	G-11 Filler Fabrication - Production Type C	**15FEB05**	*163*	**03OCT05**	*04OCT05*	***152***		***0.00***	85,316.30	
1408-154	G-11 Filler Fabrication - Production Type B	**06OCT05***	*150*	**09MAY06**	*15MAY06*	***136***		***0.00***	86,370.00	
1408-155	G-11 Filler Fabrication - Production Type A	**03APR06***	*105*	**29AUG06**	*30AUG06*	***122***		***0.00***	86,370.00	
Lead hardware										
1408-163	Lead hardware Fabrication - Production Type C	**15FEB05**	*159*	**27SEP05**	*28SEP05*	***152***		***0.00***	96,421.80	
1408-164	Lead hardware Fabrication - Production Type B	**03OCT05***	*130*	**06APR06**	*12APR06*	***139***		***0.00***	96,690.00	
1408-165	Lead hardware Fabrication - Production Type A	**03APR06***	*105*	**29AUG06**	*30AUG06*	***122***		***0.00***	96,690.00	
Other										
1408-137	Safety & Disposable supplies	**01MAR05***	*401*	**22SEP06**	*03OCT06*	***150***		***0.00***	19,912.89	
1408-138	Misc. Supplies	**01MAR05***	*401*	**22SEP06**	*03OCT06*	***299***		***0.00***	15,930.31	
1408-173	Epoxy for Shell Mold (Hysol)	**01MAR05***	*250*	**21FEB06**	*28FEB06*	***162***		***0.00***	23,220.00	
1408-183	Tubing (Chem flor and Poly)	**04JAN05***	*65*	**04APR05**	*01APR05*	***167***		***0.00***	48,615.00	
1408-184	Vulcanizing tape, felt and RTV	**04JAN05***	*65*	**04APR05**	*01APR05*	***167***		***0.00***	30,558.00	
1408-185	Valves and Fittings	**04JAN05***	*65*	**04APR05**	*01APR05*	***167***		***0.00***	20,835.00	
1408-186	Manifolds	**04JAN05***	*127*	**30JUN05**	*29JUN05*	***202***		***0.00***	80,939.00	
Clamps										
1408-131P	Clamps -Spec & Requisition	**22AUG05***	*10*	**02SEP05**	*02SEP05*	***209***		***0.00***	0.00	
1408-133P	Clamps -Bid & Award	**05SEP05**	*20*	**30SEP05**	*03OCT05*	***209***		***0.00***	0.00	
1408-137P	Clamps Production Type C	**03OCT05**	*100*	**23FEB06**	*02MAR06*	***209***		***0.00***	116,100.00	
1408-138P	Clamps Production Type B	**06FEB06***	*100*	**26JUN06**	*26JUN06*	***167***		***0.00***	116,100.00	
1408-139P	Clamps Production Type A	**22JUN06***	*100*	**09NOV06**	*13NOV06*	***122***		***0.00***	117,013.50	
Groundwrap Insulation										
1408-110	Grndwrap Insulation-Spec & Requisition	**04JAN05***	*3*	**06JAN05**	*06JAN05*	***176***		***0.00***	0.00	
1408-112	Grndwrap-Bid & Award	**07JAN05**	*3*	**11JAN05**	*11JAN05*	***176***		***0.00***	0.00	
1408-112.1	Grndwrap-Delivery	**12JAN05**	*50*	**22MAR05**	*22MAR05*	***176***		***0.00***	27,780.00	
0000										
1408-001	Apr-Sep YTD MIE Cost PPPL	**01APR03A**	*64*	**30SEP03A**	*30SEP03A*		***100***	***29,790.00***	29,790.00	
Job: 1409 - Mod. Coil Test Stand-GETTELFINGER										
Test Stand										
1409-000	FY04 Oct-Mar	**20OCT03A**	*66**	**31MAR04A**	*31MAR04A*		***100***	***215,830.82***	215,830.82	
1409-026	Install Electrical	**01JAN04A**	*94**	**31MAR04A**	*31MAR04A*		***100***	***0.00***	0.00	
1409-030	Generate I2T Reqmnts	**23FEB04A**	*16*	**15MAR04A**	*15MAR04A*		***100***	***0.00***	0.00	
1409-036	Define N2 Election Scheme	**23FEB04A**	*2*	**24FEB04A**	*24FEB04A*		***100***	***0.00***	0.00	
1409-038	Plan/Procure N2 Ejection Scheme	**25FEB04A**	*14*	**15MAR04A**	*15MAR04A*		***100***	***0.00***	0.00	
1409-029	Oversight/Supervision	**01APR04A**	*225**	**25FEB05**	*25FEB05*	***182***	***LOE***	***26,786.44***	35,667.70	
1409-025	Complete Design	**01APR04A**	*0**	**30APR04A**	*30APR04A*		***100***	***26,931.20***	26,931.20	
1409-032	Design I2T Protection	**01APR04A**	*0**	**30APR04A**	*30APR04A*		***100***	***6,028.00***	6,028.00	
1409-034	Fabricate I2T Cards	**01APR04A**	*42**	**28MAY04A**	*28MAY04A*		***100***	***15,795.00***	15,795.00	
1409-040	Install N2 Ejection Scheme	**01MAY04A**	*85**	**31AUG04A**	*31AUG04A*		***100***	***12,740.00***	12,740.00	
1409-027	Cryo Line Installation	**03MAY04A**	*165**	**04JAN05**	*01NOV04*	***194***	***5***	***1,431.48***	28,629.70	



Run Date **14DEC04 14:23**

December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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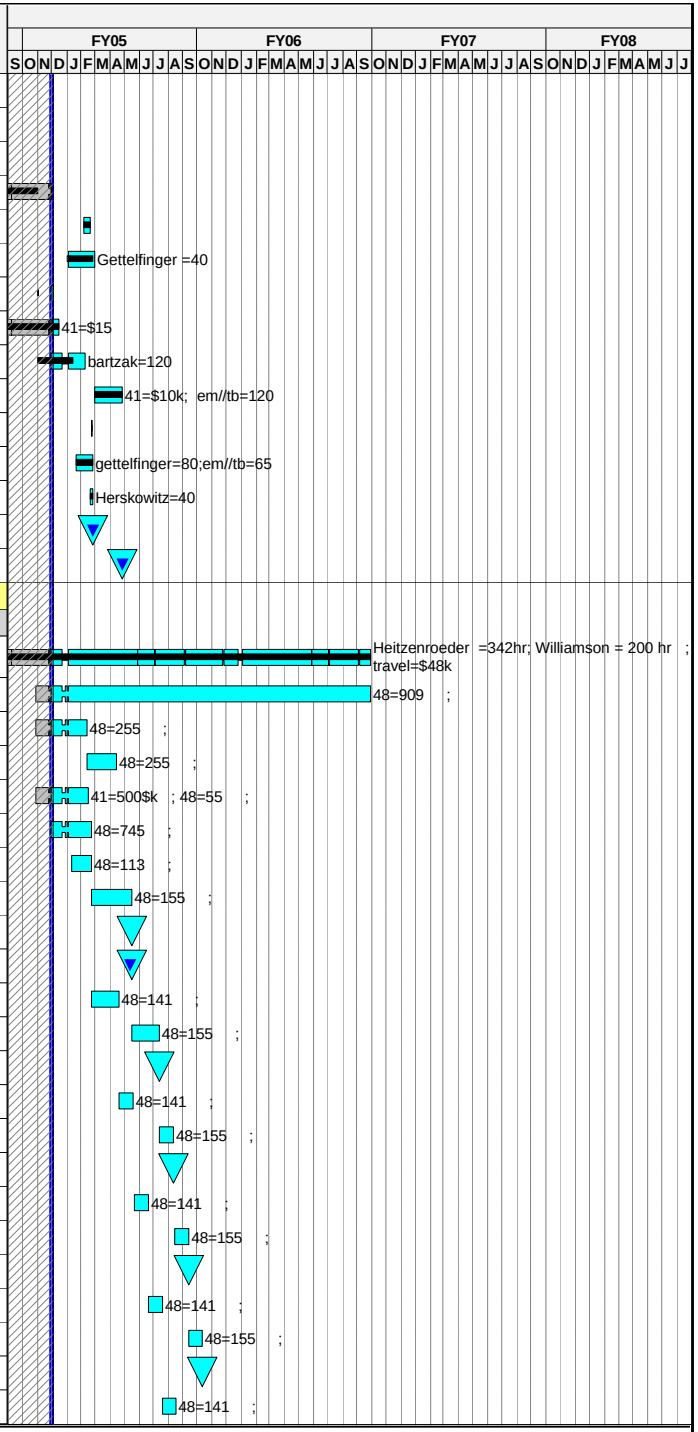
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
1409-110	ES&H Peer Review	05APR04A	1	05APR04A	05APR04A		100	0.00	0.00	
1409-100	Design Controls Modifications	08APR04A	37*	28MAY04A	28MAY04A		100	46,696.80	46,696.80	
1409-120	Install Control Modifications	01MAY04A	42*	30JUN04A	30JUN04A		100	12,288.00	12,288.00	
1409-140	Design Closed Loop LN2 System	02AUG04A	85*	30NOV04A	01NOV04		100	0.00	0.00	
1409-141	Modify Cryostat for TRC	07FEB05*	10	18FEB05	18FEB05	1,167		0.00	0.00	
1409-130	Cryostat (specimen shroud) dsn	04JAN05*	40	28FEB05	25FEB05	362		0.00	6,699.60	
1409-145	FDR closed loop LN2 syst	01DEC04*	1	01DEC04	01NOV04	221		0.00	0.00	
1409-150	Proc Matl's/pump f/closed LN2	02AUG04A	95*	15DEC04	15DEC04	221	65	13,029.84	20,045.90	
1409-155	Fab/Instl Closed Loop LN2 sys	01DEC04*	44	09FEB05	12JAN05	188		0.00	13,060.80	
1409-135	Cryostat (specimen shroud) Fabr & Install	01MAR05	43	28APR05	27APR05	362		0.00	23,436.00	
1409-044	Final Design & ACC Review	21FEB05	0	18FEB05	18FEB05	1,167		0.00	0.00	
1409-028	System Testing (planar racetrack)	21JAN05*	26	25FEB05	25FEB05	182		0.00	18,569.95	
1409-160	Test Closed Loop Cooling	18FEB05	6	25FEB05	25FEB05	182		0.00	3,182.00	
1409-165	Closed Loop Facility Available for TRC		0	25FEB05	25FEB05	182		0.00	0.00	
1409-199	Closed Loop Facility Available for Production MC		0	28APR05	27APR05	362		0.00	0.00	
Job: 1411-MCWF Fabrication S005242-HEITZENROEDER										
172-031	Title III engr	24MAY04A	589*	29SEP06	29SEP06	761	LOE	38,010.81	169,691.11	
MCWF-001	EIO Project Mgt. & Reporting	29OCT04A	496*	29SEP06		774	LOE	38,170.86	908,830.00	
MCWF-011	Pattern A complete	29OCT04A	71	11FEB05		193	10	25,512.00	255,120.00	
MCWF-021	Pattern B complete	14FEB05	43	13APR05		194	2	5,102.40	255,120.00	
MCWF-031	Major Tool Tooling Complete	29OCT04A	74	16FEB05		111	25	187,375.00	749,500.00	
MCWF-041	Materials (MetalTek)	29NOV04A	57	22FEB05		125	5	37,237.50	744,750.00	
MCWF-051	C1-MTK-casting upgrade	10JAN05	32	22FEB05		107		0.00	112,520.00	
MCWF-061	C1-MTM - machining/inspection	23FEB05	59	16MAY05		107		0.00	154,910.00	
MCWF-071	C1-Receive at PPPL		0	16MAY05		127		0.00	0.00	
C-121.1	First MCWF C-1 Delivered		0	16MAY05	13MAY05	127		0.00	0.00	
MCWF-081	C2-MTK-casting	23FEB05	41	20APR05		125		0.00	140,810.00	
MCWF-091	C2-MTM - machining/inspection	17MAY05	42	13JUL05		107		0.00	154,910.00	
MCWF-101	C2-Receive at PPPL		0	13JUL05		115		0.00	0.00	
MCWF-111	A1-MTK-casting	21APR05	22	20MAY05		145		0.00	140,810.00	
MCWF-121	A1-MTM - machining/inspection	14JUL05	22	12AUG05		107		0.00	154,910.00	
MCWF-131	A1-Receive at PPPL		0	12AUG05		119		0.00	0.00	
MCWF-141	C3-MTK-casting	23MAY05	21	20JUN05		146		0.00	140,810.00	
MCWF-151	C3-MTM - machining/inspection	15AUG05	23	14SEP05		107		0.00	154,910.00	
MCWF-161	C3-Receive at PPPL		0	14SEP05		130		0.00	0.00	
MCWF-171	B1-MTK-casting	21JUN05	23	21JUL05		146		0.00	140,810.00	
MCWF-181	B1-MTM - machining/inspection	15SEP05	21	13OCT05		107		0.00	154,910.00	
MCWF-191	B1-Receive at PPPL		0	13OCT05		137		0.00	0.00	
MCWF-201	A2-MTK-casting	22JUL05	19	17AUG05		148		0.00	140,810.00	



Run Date 14DEC04 14:23

December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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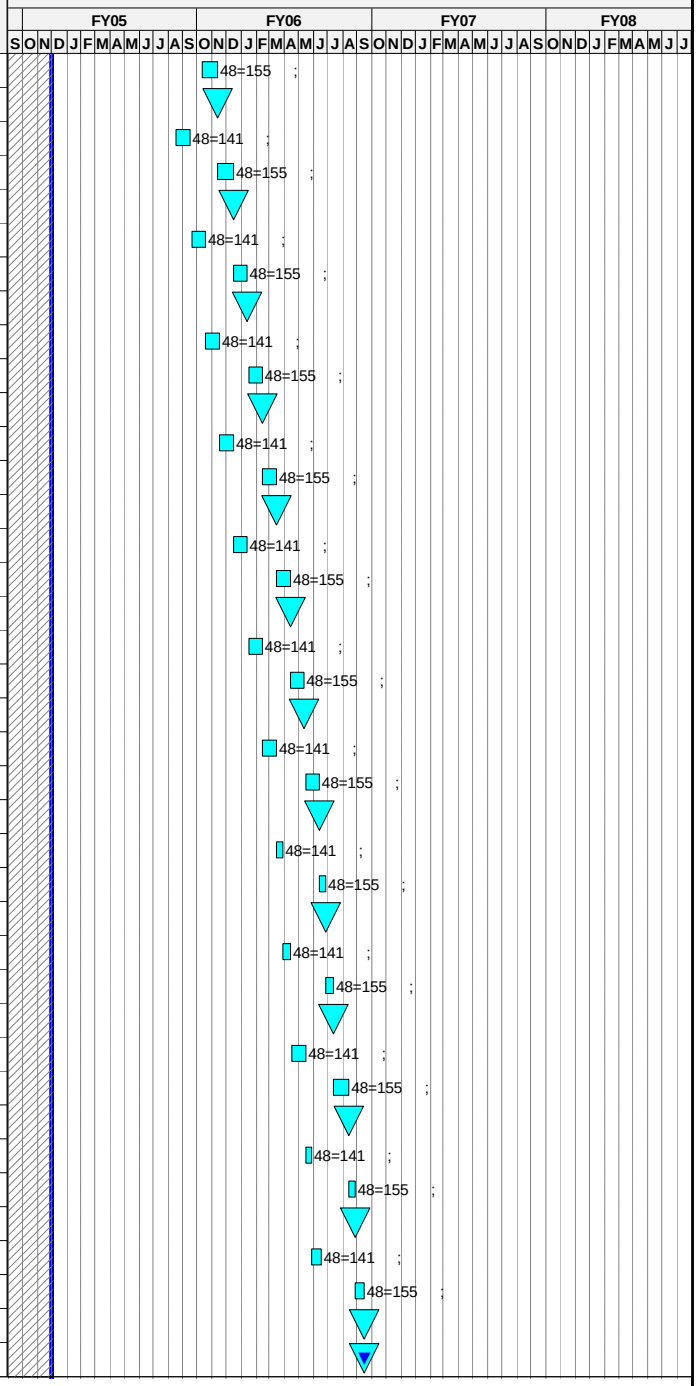
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
MCWF-211	A2-MTM - machining/inspection	14OCT05	22	14NOV05		107		0.00	154,910.00	
MCWF-221	A2-Receive at PPPL		0	14NOV05		127		0.00	0.00	
MCWF-231	A3-MTK-casting	18AUG05	22	16SEP05		148		0.00	140,810.00	
MCWF-241	A3-MTM - machining/inspection	15NOV05	22	14DEC05		107		0.00	154,910.00	
MCWF-251	A3-Receive at PPPL		0	14DEC05		129		0.00	0.00	
MCWF-261	A4-MTK-casting	19SEP05	21	17OCT05		148		0.00	140,810.00	
MCWF-271	A4-MTM - machining/inspection	15DEC05	22	13JAN06		107		0.00	154,910.00	
MCWF-281	A4-Receive at PPPL		0	13JAN06		136		0.00	0.00	
MCWF-291	A5-MTK-casting	18OCT05	22	16NOV05		148		0.00	140,810.00	
MCWF-301	A5-MTM - machining/inspection	16JAN06	22	14FEB06		107		0.00	154,910.00	
MCWF-311	A5-Receive at PPPL		0	14FEB06		126		0.00	0.00	
MCWF-321	A6-MTK-casting	17NOV05	20	14DEC05		148		0.00	140,810.00	
MCWF-331	A6-MTM - machining/inspection	15FEB06	20	14MAR06		107		0.00	154,910.00	
MCWF-341	A6-Receive at PPPL		0	14MAR06		135		0.00	0.00	
MCWF-351	B2-MTK-casting	15DEC05	22	13JAN06		148		0.00	140,810.00	
MCWF-361	B2-MTM - machining/inspection	15MAR06	22	13APR06		107		0.00	154,910.00	
MCWF-371	B2-Receive at PPPL		0	13APR06		125		0.00	0.00	
MCWF-381	B3-MTK-casting	16JAN06	21	13FEB06		148		0.00	140,810.00	
MCWF-391	B3-MTM - machining/inspection	14APR06	21	12MAY06		107		0.00	154,910.00	
MCWF-401	B3-Receive at PPPL		0	12MAY06		116		0.00	0.00	
MCWF-411	B4-MTK-casting	14FEB06	23	16MAR06		148		0.00	140,810.00	
MCWF-421	B4-MTM - machining/inspection	15MAY06	23	14JUN06		107		0.00	154,910.00	
MCWF-431	B4-Receive at PPPL		0	14JUN06		107		0.00	0.00	
MCWF-441	B5-MTK-casting	17MAR06	8	28MAR06		150		0.00	140,810.00	
MCWF-451	B5-MTM - machining/inspection	15JUN06	8	26JUN06		108		0.00	154,910.00	
MCWF-461	B5-Receive at PPPL		0	26JUN06		113		0.00	0.00	
MCWF-471	B6-MTK-casting	29MAR06	13	14APR06		150		0.00	140,810.00	
MCWF-481	B6-MTM - machining/inspection	27JUN06	13	13JUL06		108		0.00	154,910.00	
MCWF-491	B6-Receive at PPPL		0	13JUL06		112		0.00	0.00	
MCWF-501	C4-MTK-casting	17APR06	22	16MAY06		150		0.00	140,810.00	
MCWF-511	C4-MTM - machining/inspection	14JUL06	22	14AUG06		108		0.00	154,910.00	
MCWF-521	C4-Receive at PPPL		0	14AUG06		108		0.00	0.00	
MCWF-531	C5-MTK-casting	17MAY06	10	30MAY06		168		0.00	140,810.00	
MCWF-541	C5-MTM - machining/inspection	15AUG06	10	28AUG06		117		0.00	154,910.00	
MCWF-551	C5-Receive at PPPL		0	28AUG06		118		0.00	0.00	
MCWF-561	C6-MTK-casting	31MAY06	13	16JUN06		168		0.00	140,810.00	
MCWF-571	C6-MTM - machining/inspection	29AUG06	13	14SEP06		117		0.00	154,910.00	
MCWF-581	C6-Receive at PPPL		0	14SEP06		117		0.00	0.00	
C-501B1	Last MCWF Delivered		0	14SEP06	14SEP06	117		0.00	0.00	



Run Date 14DEC04 14:23

December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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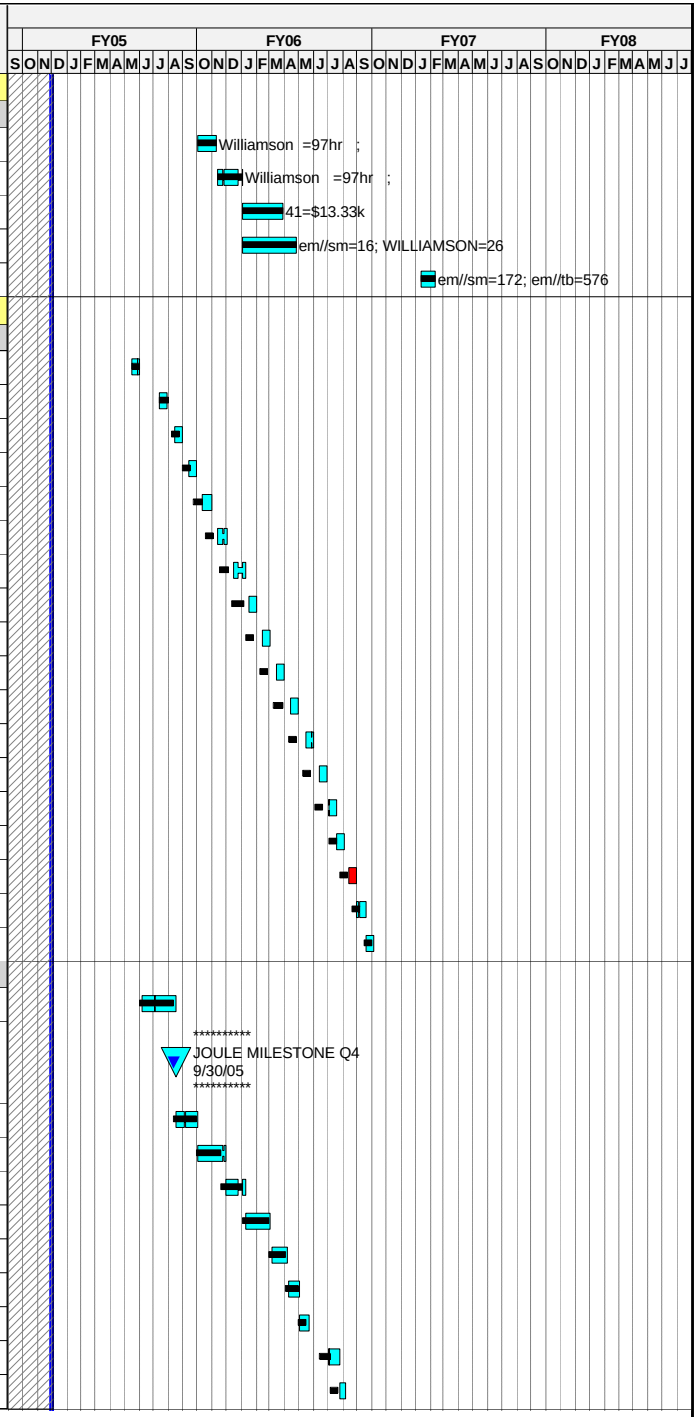
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
Job: 1431 - Modular Coil Local I&C										
174-001	Title I design WBS 143 Mod coil local I&C	03OCT05*	30	11NOV05	11NOV05	870		0.00	14,252.83	
174-011	Title II design WBS 143 Mod coil local I&C	14NOV05	30	04JAN06	04JAN06	870		0.00	14,252.83	
174-035	Modular Coil local I&C -Procurement	05JAN06	60	29MAR06	29MAR06	884		0.00	17,195.70	
174-036	Modular Coil local I&C -Title III	05JAN06	80	26APR06	26APR06	884		0.00	5,604.24	
174-037	Modular Coil local I&C -Install	15JAN07*	20	09FEB07	09FEB07	683		0.00	69,110.28	
Job: 1451 - Mod Coil Winding-CHRZANOWSKI										
Station 1 Prep, Install Cladding, Final Clamps										
P1-001	Receive C1, Prep& Instl Cladding(Station 1)	17MAY05	12	02JUN05	01JUN05	124		0.00	0.00	C1
P1-091	Receive C2, Prep& Instl Cladding(Station 1)	14JUL05	12	29JUL05	01AUG05	112		0.00	0.00	C2
P2-001	Receive A-1, Prep& Instl Cladding(Station 1)	15AUG05	12	30AUG05	24AUG05	110		0.00	0.00	A1
P2-091	Receive C3, Prep& Instl Cladding(Station 1)	15SEP05	12	30SEP05	16SEP05	122		0.00	0.00	C3
P3-001	Receive B1, Prep& Instl Cladding(Station 1)	14OCT05	12	31OCT05	10OCT05	129		0.00	0.00	B1
P3-091	Receive A2, Prep& Instl Cladding(Station 1)	15NOV05	12	02DEC05	04NOV05	119		0.00	0.00	A2
P1-031	Receive A3, Prep& Instl Cladding(Station 1)	15DEC05	12	09JAN06	05DEC05	122		0.00	0.00	A3
P1-121	Receive A4, Prep& Instl Cladding(Station 1)	16JAN06	12	31JAN06	05JAN06	134		0.00	0.00	A4
P2-031	Receive A5, Prep& Instl Cladding(Station 1)	15FEB06	12	02MAR06	26JAN06	124		0.00	0.00	A5
P2-121	Receive A6, Prep& Instl Cladding(Station 1)	15MAR06	12	30MAR06	24FEB06	132		0.00	0.00	A6
P3-031	Receive B2, Prep& Instl Cladding(Station 1)	14APR06	12	01MAY06	27MAR06	122		0.00	0.00	B2
P3-121	Receive B3, Prep& Instl Cladding(Station 1)	15MAY06	12	31MAY06	25APR06	113		0.00	0.00	B3
P1-061	Receive B4, Prep& Instl Cladding(Station 1A)	15JUN06	12	30JUN06	24MAY06	105		0.00	0.00	B4
P1-151	Receive B5, Prep& Instl Cladding(Station 1A)	03JUL06	12	19JUL06	21JUN06	105		0.00	0.00	B5
P2-061	Receive B6, Prep& Instl Cladding(Station 1A)	20JUL06	12	04AUG06	20JUL06	105		0.00	0.00	B6
P2-151	Receive C4, Prep& Instl Cladding(Station 1A)	15AUG06	12	30AUG06	11AUG06	100		0.00	0.00	C4
P3-061	Receive C5, Prep& Instl Cladding(Station 1A)	31AUG06	12	18SEP06	06SEP06	108		0.00	0.00	C5
P3-151	Receive C6, Prep& Instl Cladding(Station 1A)	19SEP06	12	04OCT06	02OCT06	108		0.00	0.00	C6
Station 2-Winding, Instl Chill Plates,Tubing,Bag										
P1-011	Wind coil C-1 (station 2)	08JUN05*	49	16AUG05	10AUG05	121		0.00	0.00	C1
P1-011J	Complete Winding First Modular Coil		0	16AUG05	10AUG05	1,042		0.00	0.00	C1
P1-020	Instl Chill Plates,Tubing, Bag C1 (Station 2)	17AUG05	33	03OCT05	27SEP05	121		0.00	0.00	C1
P2-101	Wind coil C-3 (station2)	04OCT05	38	28NOV05	18NOV05	121		0.00	0.00	C3
P2-110	Instl Chill Plates,Tubing, Bag C3(Station 2)	29NOV05	25	10JAN06	04JAN06	121		0.00	0.00	C3
P1-041	Wind coil A3 (station 2)	11JAN06	38	03MAR06	27FEB06	121		0.00	0.00	A3
P1-050	Instl Chl Plates,Tubing, Bag A3(Station 2)	06MAR06	25	07APR06	03APR06	121		0.00	0.00	A3
P2-131	Wind coil A6 (station 2) 2 shift	10APR06	19	04MAY06	28APR06	126		0.00	0.00	A6
P2-140	Instl Chl Plates,Tubing, Bag A6(Station 2) 2shft	05MAY06	12	22MAY06	16MAY06	126		0.00	0.00	A6
P1-071	Wind coil B4 (station 2)**2 shift	03JUL06	16	25JUL06	06JUL06	107		0.00	0.00	B4
P1-080	Instl Chl Plates,Tubing,Bag B4(Station 2)*2 shft	26JUL06	11	09AUG06	21JUL06	107		0.00	0.00	B4



Run Date 14DEC04 14:23

December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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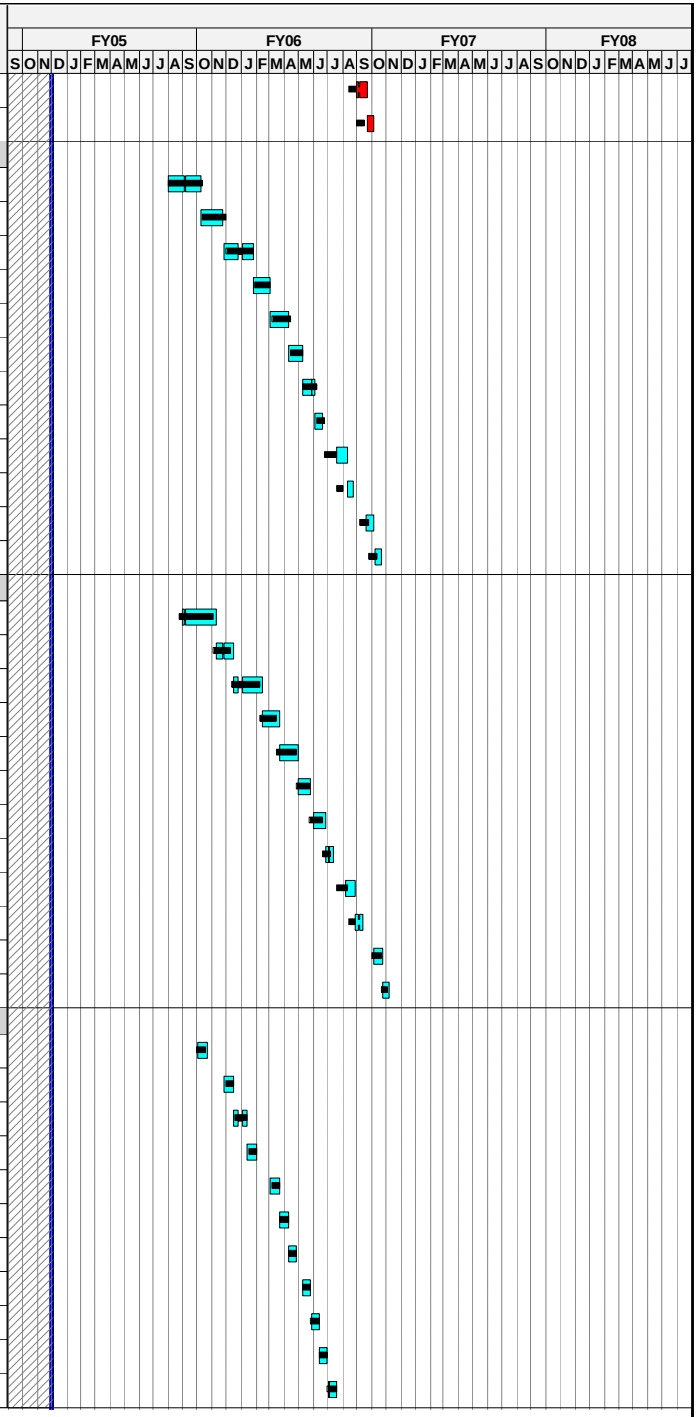
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
P2-161	Wind coil C4 (station 2) **2 shift	31AUG06	14	20SEP06	31AUG06	100		0.00	0.00	C4
P2-170	Instl Chill Plates,Tubing,Bag C4Station2)*2 shft	21SEP06	10	04OCT06	15SEP06	100		0.00	0.00	C4
Station 3-Winding, Instl Chill Plates,Tubing,Bag										
P1-101	Wind coil C-2(station 3)	01AUG05*	49	07OCT05	10OCT05	112		0.00	0.00	C2
P1-110	Instl Chill Plates,Tubing, Bag C2 (Station 3)	10OCT05	33	23NOV05	28NOV05	112		0.00	0.00	C2
P3-011	Wind coil B1 (station 3)	28NOV05	38	26JAN06	27JAN06	112		0.00	0.00	B1
P3-020	Instl Chill Plates,Tubing, Bag B1 (Station 3)	27JAN06	25	02MAR06	03MAR06	112		0.00	0.00	B1
P1-131	Wind coil A4 (station 3) 60h/wk	03MAR06	28	11APR06	12APR06	112		0.00	0.00	A4
P1-140	Instl Chl Plates,Tubing, BagA4Station 3) 60h/wk	12APR06	19	08MAY06	09MAY06	112		0.00	0.00	A4
P3-041	Wind coil B2 (station 3) 2 shift	09MAY06	19	05JUN06	06JUN06	117		0.00	0.00	B2
P3-050	Instl Chl Plates,Tubing, BagB2Station 3)2 shft	06JUN06	12	21JUN06	22JUN06	117		0.00	0.00	B2
P1-161	Wind coil B5 (station 3) **2 shift	20JUL06	16	10AUG06	18JUL06	106		0.00	0.00	B5
P1-170	Instl Chill Plates,Tubing,Bag B5Station 3)*2shft	11AUG06	11	25AUG06	02AUG06	106		0.00	0.00	B5
P3-071	Wind coil C5 (station 3) **2 shift	19SEP06	14	06OCT06	26SEP06	110		0.00	0.00	C5
P3-080	Instl Chill Plates,Tubing,Bag C5Station 3)*2shft	09OCT06	10	20OCT06	10OCT06	110		0.00	0.00	C5
Station 4-Winding, Instl Chill Plates,Tubing,Bag										
P2-011	Wind coil A1 (station 4)	31AUG05	49	08NOV05	02NOV05	110		0.00	0.00	A1
P2-020	Instl Chill Plates,Tubing, Bag A1 (Station 4)	09NOV05	25	15DEC05	09DEC05	110		0.00	0.00	A1
P3-101	Wind coil A2 (station 4)	16DEC05	38	15FEB06	09FEB06	110		0.00	0.00	A2
P3-110	Instl Chill Plates,Tubing, Bag A2 (Station 4)	16FEB06	25	22MAR06	16MAR06	110		0.00	0.00	A2
P2-041	Wind coil A5 (station 4) 60 h/wk	23MAR06	28	01MAY06	25APR06	110		0.00	0.00	A5
P2-050	Instl Chl Plates,Tubing, Bag A5 (Station 4)60h/w	02MAY06	19	26MAY06	22MAY06	110		0.00	0.00	A5
P3-131	Wind coil B3 (station 4) 2 shift	01JUN06	19	27JUN06	19JUN06	113		0.00	0.00	B3
P3-140	Instl Chl Plates,Tubing, Bag B3 (Station 4)2shft	28JUN06	12	14JUL06	07JUL06	113		0.00	0.00	B3
P2-071	Wind coil B6 (station 4)**2 shift	07AUG06	16	28AUG06	11AUG06	105		0.00	0.00	B6
P2-080	Instl Chill Plates,Tubing,Bag B6(Station 4)2shft	29AUG06	11	13SEP06	28AUG06	105		0.00	0.00	B6
P3-161	Wind coil C6 (station 4)** 2 shift	05OCT06	14	24OCT06	20OCT06	108		0.00	0.00	C6
P3-170	Instl Chill Plates,Tubing,BagC6Station 4)**2shft	25OCT06	10	07NOV06	03NOV06	108		0.00	0.00	C6
Station 5-VPI										
P1-021V	VPI (Station 5) C1	04OCT05	14	21OCT05	17OCT05	165		0.00	0.00	C1
P1-111V	VPI (Station 5) C2	28NOV05	14	15DEC05	16DEC05	142		0.00	0.00	C2
P2-021V	VPI (Station 5) A1	16DEC05	14	12JAN06	13JAN06	142		0.00	0.00	A1
P2-111V	VPI (Station 5) C3	13JAN06	14	01FEB06	02FEB06	142		0.00	0.00	C3
P3-021V	VPI (Station 5) B1	03MAR06	13	21MAR06	22MAR06	121		0.00	0.00	B1
P3-111V	VPI (Station 5) A2	23MAR06	13	10APR06	10APR06	120		0.00	0.00	A2
P1-051V	VPI (Station 5) A3	11APR06	12	26APR06	26APR06	120		0.00	0.00	A3
P1-141V	VPI (Station 5) A4	09MAY06	12	24MAY06	25MAY06	112		0.00	0.00	A4
P2-051V	VPI (Station 5) A5	30MAY06	12	14JUN06	13JUN06	110		0.00	0.00	A5
P2-141V	VPI (Station 5) A6	15JUN06	12	30JUN06	29JUN06	110		0.00	0.00	A6
P3-051V	VPI (Station 5) B2	03JUL06	12	19JUL06	19JUL06	110		0.00	0.00	B2



Run Date 14DEC04 14:23

December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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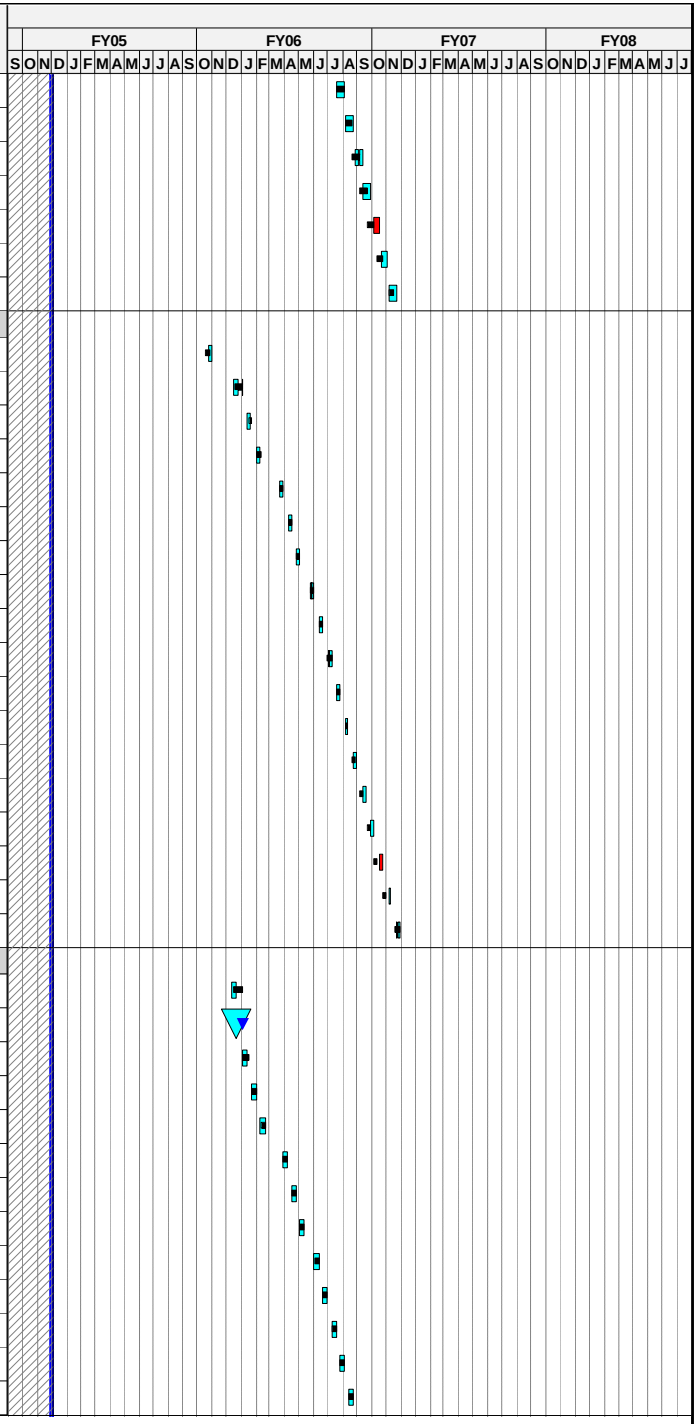
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
P3-141V	VPI (Station 5) B3	20JUL06	12	04AUG06	04AUG06	110		0.00	0.00	B3
P1-081V	VPI (Station 5) B4	10AUG06	11	24AUG06	21AUG06	107		0.00	0.00	B4
P1-171V	VPI (Station 5) B5	28AUG06	11	12SEP06	06SEP06	106		0.00	0.00	B5
P2-081V	VPI (Station 5) B6	14SEP06	10	27SEP06	20SEP06	105		0.00	0.00	B6
P3-081V	VPI (Station 5) C4	05OCT06	10	18OCT06	04OCT06	100		0.00	0.00	C4
P2-171V	VPI (Station 5) C5	23OCT06	10	03NOV06	24OCT06	110		0.00	0.00	C5
P3-171V	VPI (Station 5) C6	08NOV06	10	21NOV06	17NOV06	108		0.00	0.00	C6
Station 1B Final Clamp Installation										
P1-021C	Install Clamps (Station1) C1	24OCT05	7	01NOV05	26OCT05	232		0.00	0.00	C1
P1-111C	Install Clamps (Station1) C2	16DEC05	7	03JAN06	04JAN06	203		0.00	0.00	C2
P2-021C	Install Clamps (Station1) A1	13JAN06	6	20JAN06	23JAN06	198		0.00	0.00	A1
P2-111C	Install Clamps (Station1) C3	02FEB06	6	09FEB06	10FEB06	191		0.00	0.00	C3
P3-021C	Install Clamps (Station1) B1	22MAR06	5	28MAR06	29MAR06	165		0.00	0.00	B1
P3-111C	Install Clamps (Station1) A2	11APR06	5	17APR06	17APR06	158		0.00	0.00	A2
P1-051C	Install Clamps (Station1) A3	27APR06	5	03MAY06	03MAY06	153		0.00	0.00	A3
P1-141C	Install Clamps (Station1) A4	25MAY06	5	01JUN06	02JUN06	140		0.00	0.00	A4
P2-051C	Install Clamps (Station1) A5	15JUN06	5	21JUN06	20JUN06	133		0.00	0.00	A5
P2-141C	Install Clamps (Station1) A6	03JUL06	5	10JUL06	10JUL06	128		0.00	0.00	A6
P3-051C	Install Clamps (Station1) B2	20JUL06	5	26JUL06	26JUL06	123		0.00	0.00	B2
P3-141C	Install Clamps (Station1) B3	07AUG06	5	11AUG06	11AUG06	124		0.00	0.00	B3
P1-081C	Install Clamps (Station1) B4	25AUG06	5	31AUG06	28AUG06	117		0.00	0.00	B4
P1-171C	Install Clamps (Station1) B5	13SEP06	5	19SEP06	13SEP06	112		0.00	0.00	B5
P2-081C	Install Clamps (Station1) B6	28SEP06	5	04OCT06	27SEP06	108		0.00	0.00	B6
P3-081C	Install Clamps (Station1) C4	19OCT06	5	25OCT06	11OCT06	100		0.00	0.00	C4
P3-171C	Install Clamps (Station1) C5	06NOV06	4	09NOV06	30OCT06	111		0.00	0.00	C5
P2-171C	Install Clamps (Station1) C6	22NOV06	4	29NOV06	27NOV06	108		0.00	0.00	C6
Station 6- Coil Test Facility										
P1-021	Test Coil (Coil Test Stand) C1	14DEC05	8	23DEC05	03JAN06	204		0.00	0.00	C1
P1-021.1	Complete First Mod Coil Fabrication C1		0	23DEC05	03JAN06	952		0.00	0.00	C1
P1-111	Test Coil (Coil Test Stand) C2	04JAN06	8	13JAN06	16JAN06	203		0.00	0.00	C2
P2-021	Test Coil (Coil Test Stand) A1	23JAN06	7	31JAN06	01FEB06	198		0.00	0.00	A1
P2-111	Test Coil (Coil Test Stand) C3	10FEB06	7	20FEB06	21FEB06	191		0.00	0.00	C3
P3-021	Test Coil (Coil Test Stand) B1	29MAR06	7	06APR06	07APR06	165		0.00	0.00	B1
P3-111	Test Coil (Coil Test Stand) A2	18APR06	7	26APR06	26APR06	158		0.00	0.00	A2
P1-051	Test Coil (Coil Test Stand) A3	04MAY06	7	12MAY06	12MAY06	153		0.00	0.00	A3
P1-141	Test Coil (Coil Test Stand) A4	02JUN06	7	12JUN06	13JUN06	140		0.00	0.00	A4
P2-051	Test Coil (Coil Test Stand) A5	22JUN06	7	30JUN06	29JUN06	133		0.00	0.00	A5
P2-141	Test Coil (Coil Test Stand) A6	11JUL06	7	19JUL06	19JUL06	128		0.00	0.00	A6
P3-051	Test Coil (Coil Test Stand) B2	27JUL06	7	04AUG06	04AUG06	123		0.00	0.00	B2
P3-141	Test Coil (Coil Test Stand) B3	14AUG06	7	22AUG06	22AUG06	124		0.00	0.00	B3



Run Date 14DEC04 14:23

December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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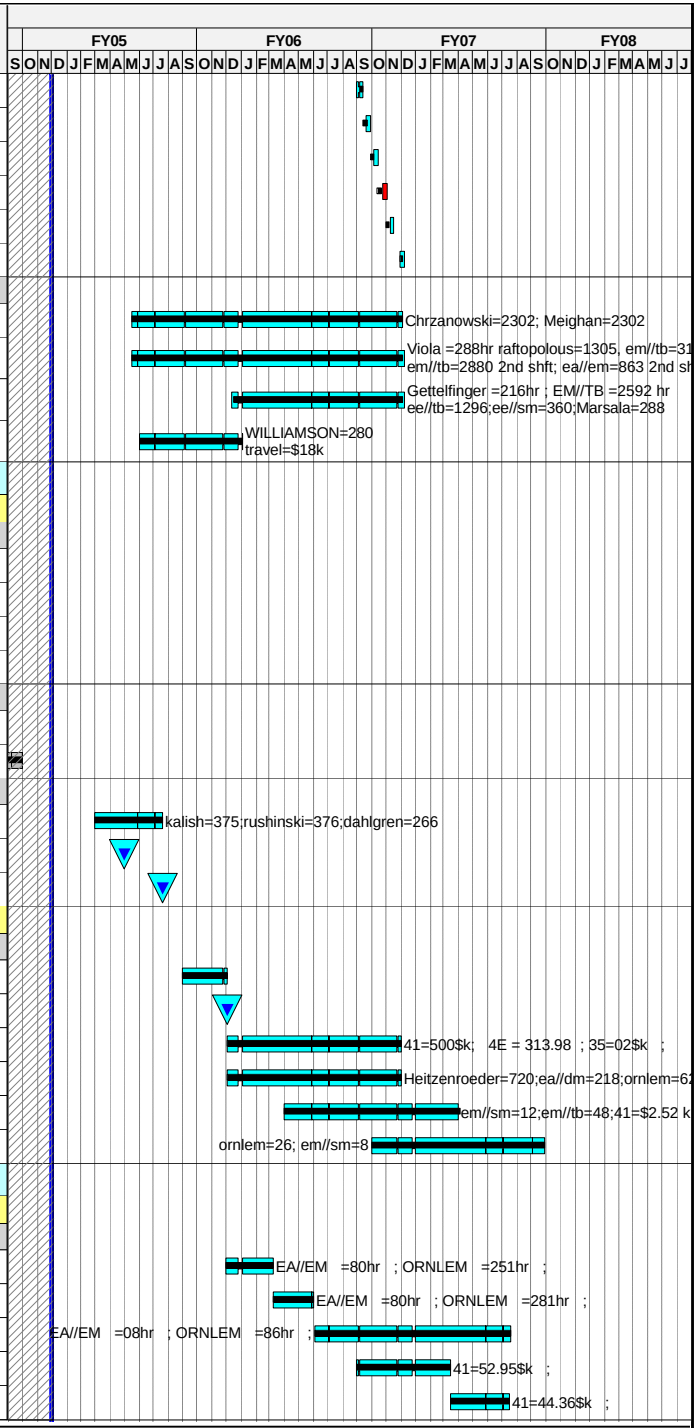
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
P1-081	Test Coil (Coil Test Stand) B4	01SEP06	7	12SEP06	13SEP06	117		0.00	0.00	B4
P1-171	Test Coil (Coil Test Stand) B5	20SEP06	7	28SEP06	22SEP06	112		0.00	0.00	B5
P2-081	Test Coil (Coil Test Stand) B6	05OCT06	7	13OCT06	06OCT06	108		0.00	0.00	B6
P2-171	Test Coil (Coil Test Stand) C4	26OCT06	7	03NOV06	20OCT06	100		0.00	0.00	C4
P3-171	Test Coil (Coil Test Stand) C5	10NOV06	6	17NOV06	07NOV06	111		0.00	0.00	C5
P3-081	Test Coil (Coil Test Stand) C6	30NOV06	6	07DEC06	05DEC06	108		0.00	0.00	C6
LABR										
171-040	Winding Oversight (LOE)	17MAY05*	391	06DEC06	06DEC06	715		0.00	650,388.83	
171-041	Modular Coil Winding (18 coils)	17MAY05	392*	07DEC06	05DEC06	108		0.00	3,175,974.13	
171-041CT	PBR Increment for cold testing	14DEC05	246*	07DEC06	05DEC06	108		0.00	444,175.19	
TITLE3WIND	Titel III Design-PRODUCTION WINDING	01JUN05*	145*	03JAN06	03JAN06	951		0.00	72,489.23	
15 - Structures										
Job: 1501 - Structures Design- Kalish										
PDR/PBR Task List										
1501-105	Project PDR	07OCT03A	1	07OCT03A	07OCT03A		100	0.00	0.00	
1501-109	Prepare FY 04 WP/WAF	31OCT03A	20	31OCT03A	31OCT03A		100	12,856.00	12,856.00	
1501-113	Prepare PBR documentation	04NOV03A	10	18NOV03A	18NOV03A		100	6,428.00	6,428.00	
1501-117	Performance baseline review		0	18NOV03A	18NOV03A		100	0.00	0.00	
Reqmnts,Configuration, Interfaces and PDR										
1501-125	Update drawings & models based on vendor recomm	21OCT03A	30	26NOV03A	26NOV03A		100	28,765.30	28,765.30	
1501-133	Prepare a "scope sheet" which defines all interf	03NOV03A	124	30SEP04A	30SEP04A		LOE	5,624.50	5,624.50	
1501-FY05	Prelim & Final Design Structures	01MAR05*	98*	18JUL05	18JUL05	196		0.00	170,744.13	
1501-PDR	Structures PDR		0	29APR05*	29APR05*	1,136		0.00	0.00	
1501-FDR	Structures FDR		0	18JUL05*	18JUL05*	196		0.00	0.00	
Job:1550 - Structures Procurement -KALISH										
1501-245	Prep Spec,Solicit Bids, and Evaluate Bids	31AUG05	65	01DEC05	01DEC05	165		0.00	0.00	
162-036.9	Award Coil Support Assy		0	01DEC05*	01DEC05*	161		0.00	0.00	
162-037	WBS 151Coil Support Assy Procurement [A/1]	02DEC05	249	30NOV06	01DEC06	161		0.00	985,700.49	
162-031	Title III engr WBS 151	02DEC05	249	30NOV06	01DEC06	719		0.00	156,985.78	
153.037	WBS 153 Support Structure I&C Procurement/Fab	03APR06*	249	30MAR07	02APR07	639		0.00	8,647.88	
153.015	Title III design WBS 153 locall&C	02OCT06*	249	28SEP07	28SEP07	512		0.00	4,953.56	
16 - Coil Services										
161 - LN2 Distribution										
191-001	Title I design WBS 161 LN2 manifolds&piping	01DEC05*	65	09MAR06	09MAR06	216		0.00	50,654.84	
191-011	Title II design WBS 161 LN2 manifolds&piping	10MAR06	60	02JUN06	02JUN06	216		0.00	101,456.92	
191-031	Title III engr WBS 161	05JUN06*	280	17JUL07	18JUL07	564		0.00	14,529.54	
191-037	Procurement WBS 161	01SEP06*	130	14MAR07	14MAR07	153		0.00	69,873.63	
191-038	PDR#17	15MAR07*	86	16JUL07	16JUL07	565		0.00	58,777.00	



Run Date 14DEC04 14:23

December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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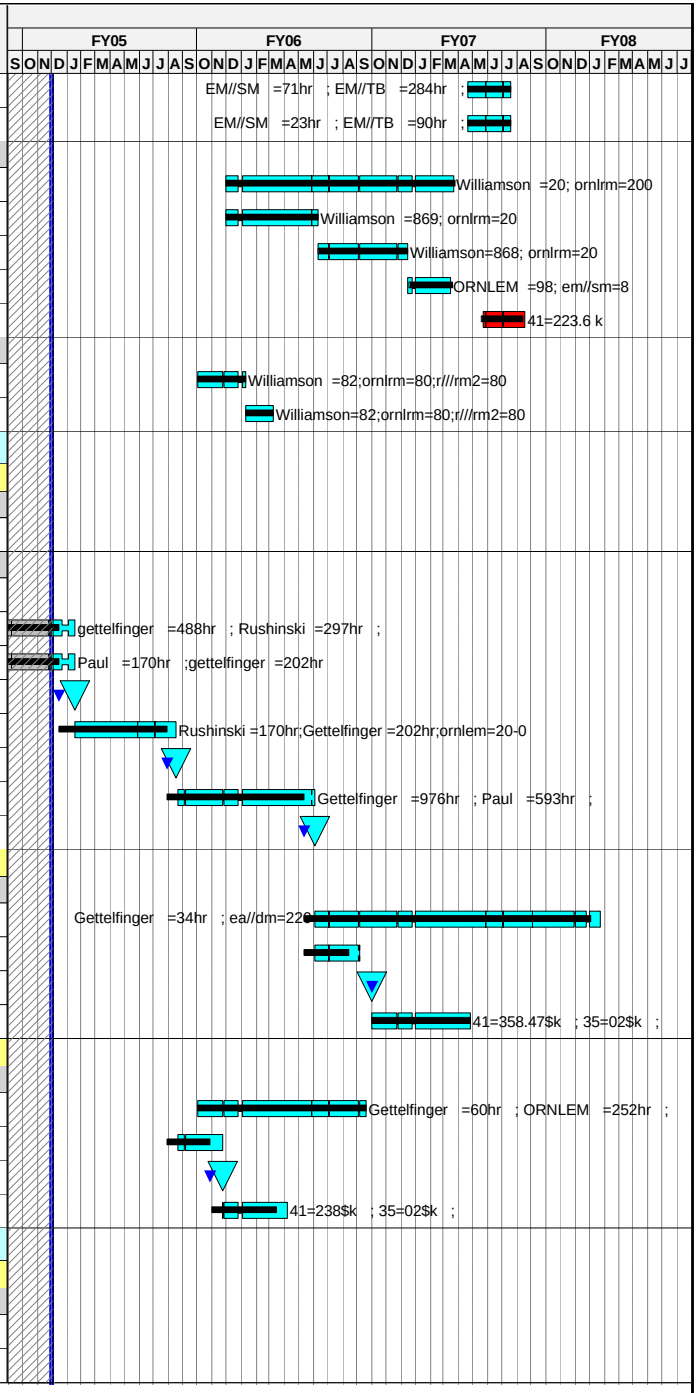
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
191-041	LN2 Manifolds & ppg Fab/assy/instl WBS 161	19APR07*	62	17JUL07	17JUL07	128		0.00	32,466.17	
191-042	PDR #17,25,3	19APR07*	65	20JUL07	20JUL07	561		0.00	10,346.85	
162 - Electrical Leads										
132-000	PDR #17 & 25	30NOV05*	325	22MAR07	23MAR07	645		0.00	40,192.85	
132-001	Title I design WBS 162 Coil leads	01DEC05*	130	09JUN06	09JUN06	208		0.00	131,638.16	
132-011	Title II design WBS 162 Coil leads	12JUN06	130	14DEC06	15DEC06	208		0.00	134,254.23	
132-015	Title III design WBS 162 Coil leads	15DEC06*	60	16MAR07	19MAR07	649		0.00	16,089.08	
132-037	Coil Leads Procurement WBS 162	24MAY07*	60	17AUG07	13AUG07	100		0.00	296,296.50	
163 - Coil Protection System										
163.001	Title I design WBS 163 Coil protection	03OCT05*	65	11JAN06	11JAN06	905		0.00	39,432.08	
163.011	Title II design WBS 163 Coil protection	12JAN06	40	08MAR06	08MAR06	905		0.00	39,432.08	
17 - Cryostat and Base Support Structure										
Job:1701-Cryost&Base Sprt Strct Dsn-GETTLEFINGER										
0000										
1701-001	Apr-Sept MIE Costs PPPL	01APR03A	54	30SEP03A	30SEP03A		100	12,180.00	12,180.00	
151-000	Adv Concep Design Cryostat shell & struct	01DEC03A	103*	31MAR04A	31MAR04A		100	0.00	0.00	
151-001	Title I design WBS 171 cryostat shell & struct	01APR04A	196*	17JAN05	15DEC04	206	85	109,050.67	128,294.90	
161-001	Title I design WBS 172 base support struct	01APR04A	196*	17JAN05	15DEC04	206	85	43,260.20	50,894.35	
151-002	Cryostat & Base Support Struct PDR		0	17JAN05	15DEC04	206		0.00	0.00	
161-011	Final Design Base Support Structure WBS 172	18JAN05	152	19AUG05	28JUL05	206		0.00	62,374.28	
172-199	Base Support Structure FDR		0	19AUG05	28JUL05	206		0.00	0.00	
151-011	Final Design Cryostat WBS 171	22AUG05*	196	05JUN06	11MAY06	206		0.00	229,326.15	
171-199	Cryostat FDR		0	05JUN06	11MAY06	206		0.00	0.00	
Job: 1751 - Cryostat Procurement										
171 - Cryostat										
151-031	Title III engr	06JUN06	405	22JAN08	02JAN08	438		0.00	30,645.16	
151-036.8	Prep Spec, Solicit bids, and Select Vendor	06JUN06	65	06SEP06	15AUG06	206		0.00	0.00	
151-036.9	Award Cryostat Procurement		0	02OCT06*	02OCT06*	188		0.00	0.00	
151-037	Cryostat Procurement [A/1]	03OCT06*	141	27APR07	26APR07	188		0.00	478,642.75	
Job: 1752 - Base Support Structure Procurement										
172 - Base Support Structure										
161-031	Title III engr WBS 172	03OCT05*	240	18SEP06	19SEP06	770		0.00	47,352.48	
161-036.8	Prep Spec, Solicit bids, and Select Vendor	22AUG05	65	21NOV05	28OCT05	313		0.00	0.00	
161-036.9	Award Machine Base&supports Procurement		0	21NOV05*	28OCT05*	313		0.00	0.00	
161-037	Machine Base&supports Procurement [A/1]	22NOV05	90	06APR06	15MAR06	313		0.00	283,051.70	
18 - Field Period Assembly										
Job: 1801-Field Period Assly -CHRZANOWSKI (ORNL)										
0000										
1801-001	Apr-Sept MIE Costs PPPL	01APR03A	42	30SEP03A	30SEP03A		100	7,750.00	7,750.00	
1801-002	Apr-Sept MIE Costs ORNL	01APR03A	42	30SEP03A	30SEP03A		100	53,050.00	53,050.00	



Run Date 14DEC04 14:23

December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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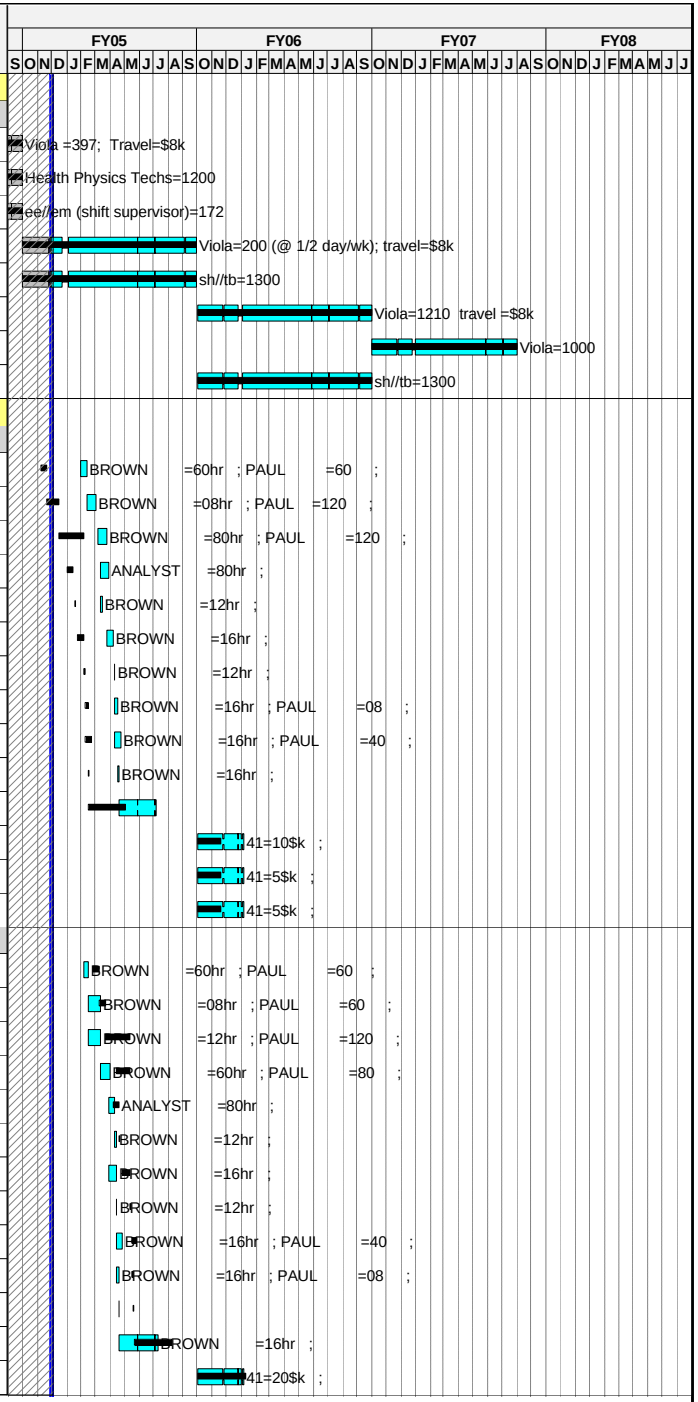
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
Job: 1802 - FP Assy Oversight&Support-VIOLA										
Oversight and Supervision										
181.100	PPPL EM LOE FY04	13OCT03A	242*	30SEP04A	30SEP04A		LOE	77,947.50	77,947.50	
181.200	HP Coverage in the TFTR TC LOE FY04	02FEB04A	171*	30SEP04A	30SEP04A		LOE	115,320.00	115,320.00	
181.201	D-Site Shift Supervisor LOE FY04	01JUL04A	64*	30SEP04A	30SEP04A		LOE	25,920.40	25,920.40	
181.110	PPPL EM LOE FY05	01OCT04A	249*	30SEP05	30SEP05	1,010	LOE	7,821.33	47,402.00	
181.210	HP Coverage in the TFTR TC LOE FY05	01OCT04A	249*	30SEP05	30SEP05	1,010	LOE	23,451.29	142,129.00	
181.120	PPPL EM LOE FY06	03OCT05*	250*	02OCT06	02OCT06	760		0.00	220,592.53	
181.121	PPPL EM LOE FY06	02OCT06*	207*	31JUL07	31JUL07	554		0.00	179,340.00	
181.220	HP Coverage in the TFTR TC LOE FY06	03OCT05*	250*	02OCT06	02OCT06	760		0.00	144,966.02	
Job: 1803- FP Assy Toolg/Constructability-BROWN										
VV Prep Station										
1803-1.01	Concept definition and requirements	31JAN05*	10	11FEB05	19NOV04	204		0.00	16,352.40	
1803-1.02	VV Support Fixture - model design& drawing detai	14FEB05	15	04MAR05	14DEC04	204		0.00	13,901.12	
1803-1.04	Metrology -sightline layout metrology support	07MAR05*	15	25MAR05	04FEB05	204		0.00	25,989.20	
1803-1.05	Structural / Seismic Analysis check	15MAR05*	10	28MAR05	14JAN05	203		0.00	13,431.20	
1803-1.06	Design review PDR VV Prep Station	15MAR05*	1	15MAR05	17JAN05	212		0.00	2,014.68	
1803-1.09	Safety Review documentation / presentation	28MAR05	10	08APR05	04FEB05	194		0.00	2,686.24	
1803-1.061	Design review FDR VV Prep Station	11APR05*	1	11APR05	07FEB05	194		0.00	2,014.68	
1803-1.07	Design check and sign-off	12APR05*	5	18APR05	14FEB05	194		0.00	3,523.44	
1803-1.10	Fab / Design Review - follow-up activities	12APR05	10	25APR05	21FEB05	245		0.00	6,872.24	
1803-1.08	Prep & Issue Spec,dwgs,and requisition	19APR05*	1	19APR05	15FEB05	194		0.00	2,686.24	
1803-1.081	Procurement Lead Time and Award	20APR05	55	07JUL05	03MAY05	194		0.00	0.00	
1803-1.12	FAB - VV support Fixture	03OCT05*	65	05JAN06	18NOV05	133		0.00	12,900.00	
1803-1.13	FAB VV Prep Station Platform	03OCT05*	65	05JAN06	18NOV05	133		0.00	6,450.00	
1803-1.14	FAB VV Prep Station metrology stands	03OCT05*	65	05JAN06	18NOV05	133		0.00	6,450.00	
Half Period Assembly										
1803-2.01	Concept definition and requirements	07FEB05*	7	15FEB05	09MAR05	350		0.00	16,352.40	
1803-2.02	MC Holding Fixture 1 - model design and drawing	16FEB05	18	11MAR05	23MAR05	350		0.00	7,622.12	
1803-2.03	MC Assembly Fixture 2- design & drawing details	16FEB05	18	11MAR05	12MAY05	350		0.00	14,572.68	
1803-2.04	Metrology - sightline layout design details metr	14MAR05*	15	01APR05	12MAY05	1,156		0.00	18,445.40	
1803-2.05	Structural / Seismic Analysis check	30MAR05*	10	12APR05	20APR05	327		0.00	13,431.20	
1803-2.06	PDR Half Period Assy	13APR05*	1	13APR05	21APR05	327		0.00	2,014.68	
1803-2.09	Safety Review documentation / presentation	31MAR05	10	13APR05	12MAY05	327		0.00	2,686.24	
1803-2.061	FDR Half Period Assy	14APR05*	1	14APR05	13MAY05	327		0.00	2,014.68	
1803-2.10	Fab / Design Review - follow-up activities	15APR05	10	28APR05	27MAY05	1,137		0.00	6,872.24	
1803-2.07	Design check and sign-off	15APR05	5	21APR05	20MAY05	327		0.00	3,523.44	
1803-2.08A	Prep & Issue Spec,dwgs,and requisition	21APR05	1	21APR05	20MAY05	327		0.00	0.00	
1803-2.08	Procurement Lead Time and Award	22APR05	55	11JUL05	09AUG05	327		0.00	2,686.24	
1803-2.11	Fab MC HP Assy Fixtures (2)	03OCT05*	65	05JAN06	11JAN06	268		0.00	25,800.00	



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December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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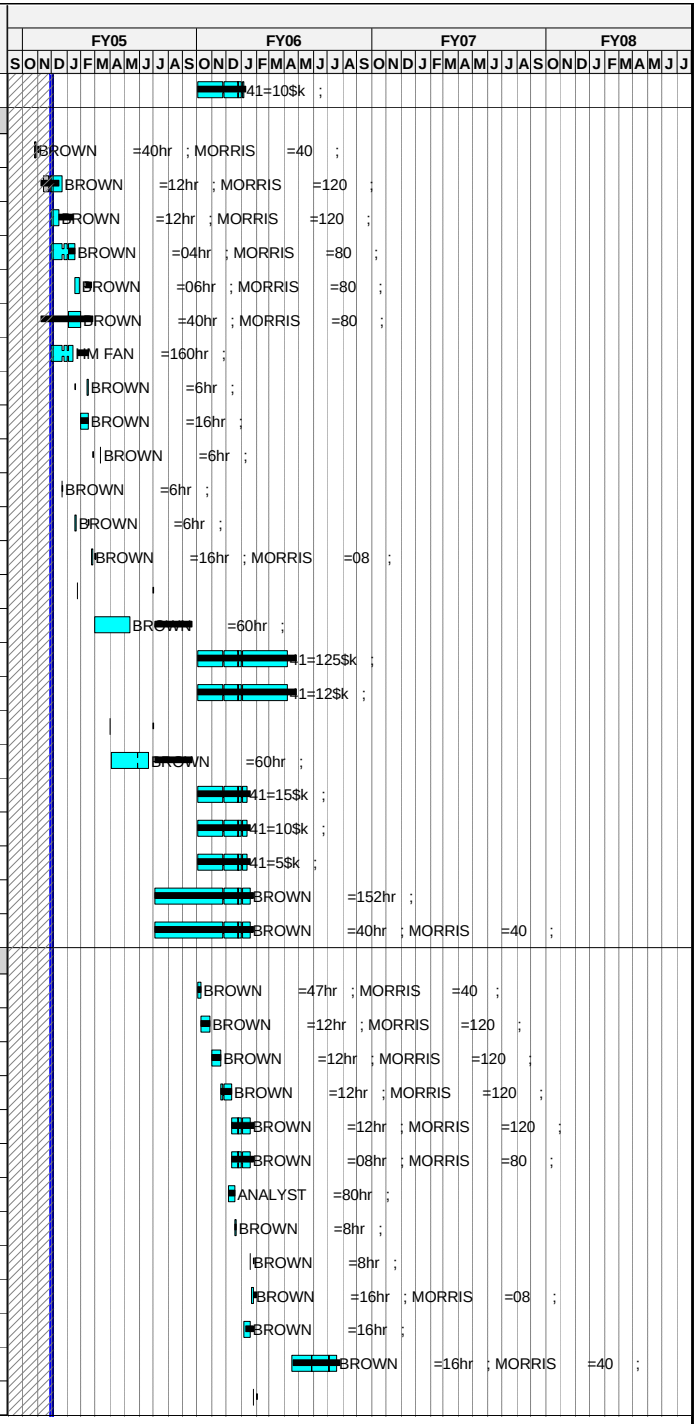
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
1803-2.12	Fab MC MC HP Assy Metrology support stands (2)	03OCT05*	65	05JAN06	11JAN06	268		0.00	12,900.00	
MC Installation										
1803-3.01	Concept definition and requirements	25OCT04A	5	29OCT04A	05NOV04		100	10,901.60	10,901.60	
1803-3.02	MC Turning Fixture and base - model design and d	15NOV04A	27*	23DEC04	14DEC04	366	30	4,371.80	14,572.68	
1803-3.03	MC Gantry Crane - model design and drawing detai	29NOV04A	15*	17DEC04	12JAN05	370	30	4,371.80	14,572.68	
1803-3.04	VV support stand - model design and drawing deta	29NOV04A	34*	17JAN05	17JAN05	1,202	30	2,713.07	9,043.56	
1803-3.05	Platform - design and drawing details	18JAN05	7	26JAN05	21FEB05	1,202		0.00	9,379.34	
1803-3.06	Metrology - sightline layout design details metr	04JAN05*	20*	31JAN05	24FEB05	1,199		0.00	15,087.60	
1803-3.07	Structural / Seismic Analysis check	01DEC04*	31*	14JAN05	14FEB05	352		0.00	26,862.40	
1803-3.08	PDR Platform & Support Stands	14FEB05*	1	14FEB05	17JAN05	1,189		0.00	1,007.34	
1803-3.12	Safety Review documentation / presentation	01FEB05*	10	14FEB05	14FEB05	1,189		0.00	2,686.24	
1803-3.081	FDR Platform & Support Stands	14MAR05*	1	14MAR05	25FEB05	1,170		0.00	1,007.34	
1803-3.082	PDR Turning Fixture,base&gantry crane	22DEC04*	1	22DEC04	23DEC04	367		0.00	1,007.34	
1803-3.083	FDR Turning Fixture,base&gantry crane	19JAN05*	1	19JAN05	15FEB05	350		0.00	1,007.34	
1803-3.09	Design check and sign-off	21FEB05*	5	25FEB05	04MAR05	328		0.00	3,523.44	
1803-3.10A	Prep & Issue Spec,dwgs,and req-turning fixt	24JAN05*	1	24JAN05	01JUL05	352		0.00	0.00	
1803-3.10	Procurement lead time turning fixt,base&gantry	28FEB05	55	13MAY05	20SEP05	328		0.00	10,073.40	
1803-3.15	FAB - MC Turning fixture & Base	03OCT05*	130	06APR06	26APR06	230		0.00	161,250.00	
1803-3.15A	FAB - MC Gantry Crane	03OCT05*	130	06APR06	26APR06	230		0.00	15,480.00	
1803-3.110	Prep & Issue Spec,dwgs,and req-pltfrm&sprts	01APR05*	1	01APR05	01JUL05	363		0.00	0.00	
1803-3.101	Procurement lead time platforms & supports	04APR05	55	20JUN05	20SEP05	363		0.00	10,073.40	
1803-3.16	FAB - VV suprt stand & misc crane fixtures	03OCT05*	70	12JAN06	18JAN06	290		0.00	19,350.00	
1803-3.16A	FAB -Platform	03OCT05*	70	12JAN06	18JAN06	290		0.00	12,900.00	
1803-3.16B	FAB -MC Installation Metrology sprt stands	03OCT05*	70	12JAN06	18JAN06	290		0.00	6,450.00	
1803-3.11	Procurement Technical Rep	05JUL05*	140	20JAN06	27JAN06	952		0.00	25,794.05	
1803-3.13	Fabrication - follow-up activities	05JUL05*	140	20JAN06	27JAN06	952		0.00	11,018.86	
Final FP Assembly										
1803-4.01	Concept definition and requirements	03OCT05*	5	07OCT05	07OCT05	224		0.00	11,117.60	
1803-4.02	MC Support Stand - model design and drawing deta	10OCT05	15	28OCT05	28OCT05	224		0.00	14,861.04	
1803-4.03	TF HP support turning fixture - model design d	31OCT05	15	18NOV05	18NOV05	224		0.00	14,861.04	
1803-4.04	FP Assembly platform - model design drawing det	21NOV05	15	13DEC05	13DEC05	224		0.00	14,861.04	
1803-4.05	VV Port Alignment/Weldment Fixture - design and	14DEC05	25	19JAN06	25JAN06	224		0.00	14,861.04	
1803-4.06	Metrology - sightline layout design details metr	14DEC05	25	19JAN06	25JAN06	224		0.00	9,907.36	
1803-4.07	Structural / Seismic Analysis check	06DEC05	10	19DEC05	19DEC05	224		0.00	13,697.60	
1803-4.08	PDR Final FP Assy	20DEC05	1	20DEC05	20DEC05	224		0.00	1,369.76	
1803-4.081	FDR Final FP Assy	20JAN06	1	20JAN06	26JAN06	224		0.00	1,369.76	
1803-4.09	Design check and sign-off	23JAN06	5	27JAN06	02FEB06	224		0.00	3,593.28	
1803-4.11	Safety Review documentation / presentation	06JAN06	10	19JAN06	25JAN06	224		0.00	2,739.52	
1803-4.12	Fabrication - follow-up activities	17APR06	65	18JUL06	25JUL06	224		0.00	7,008.32	
1803-4.10A	Prep & Issue Spec,dwgs,and req-pltfrm&sprts	27JAN06	1	27JAN06	02FEB06	224		0.00	0.00	



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December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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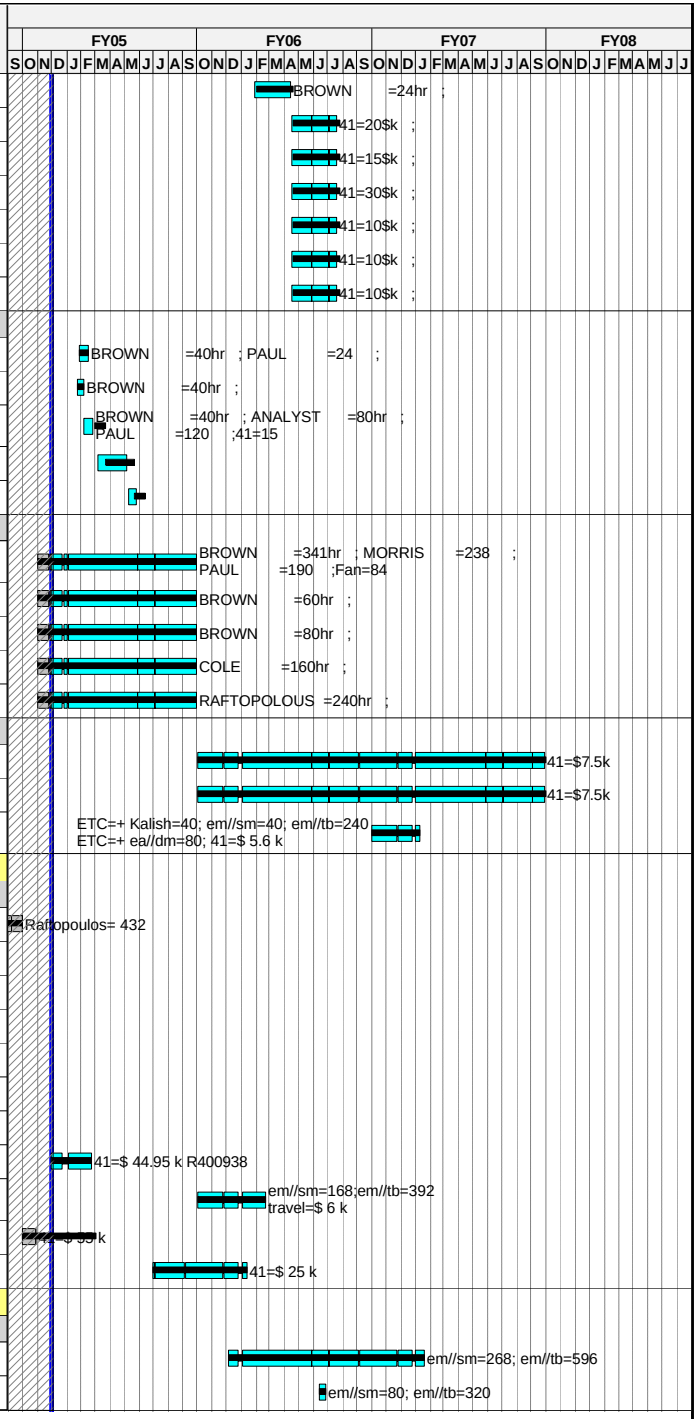
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
1803-4.10	Procurement lead time	30JAN06	55	14APR06	20APR06	224		0.00	4,109.28	
1803-4.13	FAB-MC Support Stands (2)	17APR06*	65	18JUL06	25JUL06	224		0.00	25,800.00	
1803-4.14	FAB-TF HP support & Turning Fixtures (2)	17APR06*	65	18JUL06	25JUL06	251		0.00	19,350.00	
1803-4.15	FAB-FP Assy platforms (2)	17APR06*	65	18JUL06	25JUL06	224		0.00	38,700.00	
1803-4.16	FAB-MC Temporary End Supports (2)	17APR06*	65	18JUL06	25JUL06	224		0.00	12,900.00	
1803-4.17	FAB-Final FP Assy Metrology suprt stands (2)	17APR06*	65	18JUL06	25JUL06	224		0.00	12,900.00	
1803-4.18	FAB-VV Port alignment/weldment fixtures (2)	17APR06*	65	18JUL06	25JUL06	224		0.00	12,900.00	
Interface/Test Activities										
1803-5.01	Finalize TFTR test cell FPA assembly layout draw	28JAN05*	14	16FEB05	16FEB05	1,188		0.00	9,227.20	
1803-5.02	Establish an assembly interface requirements doc	24JAN05*	10	04FEB05	04FEB05	1,121		0.00	6,715.60	
1803-5.03	Develop test components as needed to qualify ass	07FEB05*	15	25FEB05	22MAR05	1,121		0.00	53,539.80	
1803-5.04	Fab - Test Articles	07MAR05*	45	06MAY05	24MAY05	1,116		0.00	0.00	
1803-5.05	Metrology Validation	09MAY05	15	27MAY05	15JUN05	1,116		0.00	0.00	
Oversight										
1803-7.01	Meetings Prep and Reporting	01NOV04A	234*	30SEP05	30SEP05	1,028	LOE	9,872.19	116,143.45	
1803-7.02	Develop and maintain concept definition document	01NOV04A	234*	30SEP05	30SEP05	1,028	LOE	856.24	10,073.40	
1803-7.03	Develop and maintain assembly plan document	01NOV04A	234*	30SEP05	30SEP05	1,028	LOE	1,141.65	13,431.20	
1803-7.04	Mike Cole's FY05 on-site involvement in assembly	01NOV04A	234*	30SEP05	30SEP05	1,028	LOE	2,002.46	23,558.40	
1803-8	Metrology Support	01NOV04A	234*	30SEP05	30SEP05	1,028	LOE	3,424.96	40,293.60	
Tooling Design & Fabrication										
713A.040	General procurements	03OCT05*	498	28SEP07	01OCT07	512		0.00	9,806.25	
713A.050	Welding tools, materials & equipt	03OCT05*	498	28SEP07	01OCT07	512		0.00	9,806.25	
713A.060	Instl He gas piping from NSTX to D-site tc	02OCT06*	65	10JAN07	10JAN07	696		0.00	43,287.80	
Job: 1804-FP Assy Measurement Sys-RAFTOPOULOS										
Metrology										
740.010	Final Design Measurement systems	19JAN04A	181*	30SEP04A	30SEP04A		LOE	69,422.40	69,422.40	
740.011	3-D Scanner/Faro Arm FDR		0	30JAN04A	30JAN04A			0.00	0.00	
740.015	Prepare Requisition 3-D scanner & Romer Arm	30JAN04A	10	30JAN04A	30JAN04A			0.00	0.00	
740.030	Deliver 3-D Scanner & Romer Arm	01APR04A	10*	30APR04A	30APR04A		100	171,990.00	171,990.00	
740.030A	Romer Arm Training	06JUL04A	3*	08JUL04A	08JUL04A		100	0.00	0.00	
740.031	Metrology Software Review		0	30JAN04A	30JAN04A			0.00	0.00	
740.032	Prepare Met Software Requisition	30JAN04A	10	30JAN04A	30JAN04A			0.00	0.00	
740.035	Deliver Metrology Software	01DEC04*	53	22FEB05	21FEB05	1,165		0.00	62,435.55	
740.020	Faculity Prep	03OCT05*	95	22FEB06	22FEB06	915		0.00	60,857.04	
740.045	Purchase- second Faro Arm PE005330	01OCT04A	102	29OCT04A	03MAR05		100	76,395.00	76,395.00	
740.050	Purchase- targets [A/9]	01JUL05*	130	12JAN06	12JAN06	944		0.00	34,725.00	
1808 - TF/Mod Coil Sub-Assembly-VIOLA										
TF Coil Sub-assembly										
722.010	Receive/Inspect TF & PF Coils	07DEC05*	276*	19JAN07	19JAN07	689		0.00	79,114.78	
184-100	Assemble 3 TF coils&structure -Left-Period #1	13JUN06	10	26JUN06	26JUN06	230		0.00	34,838.40	



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December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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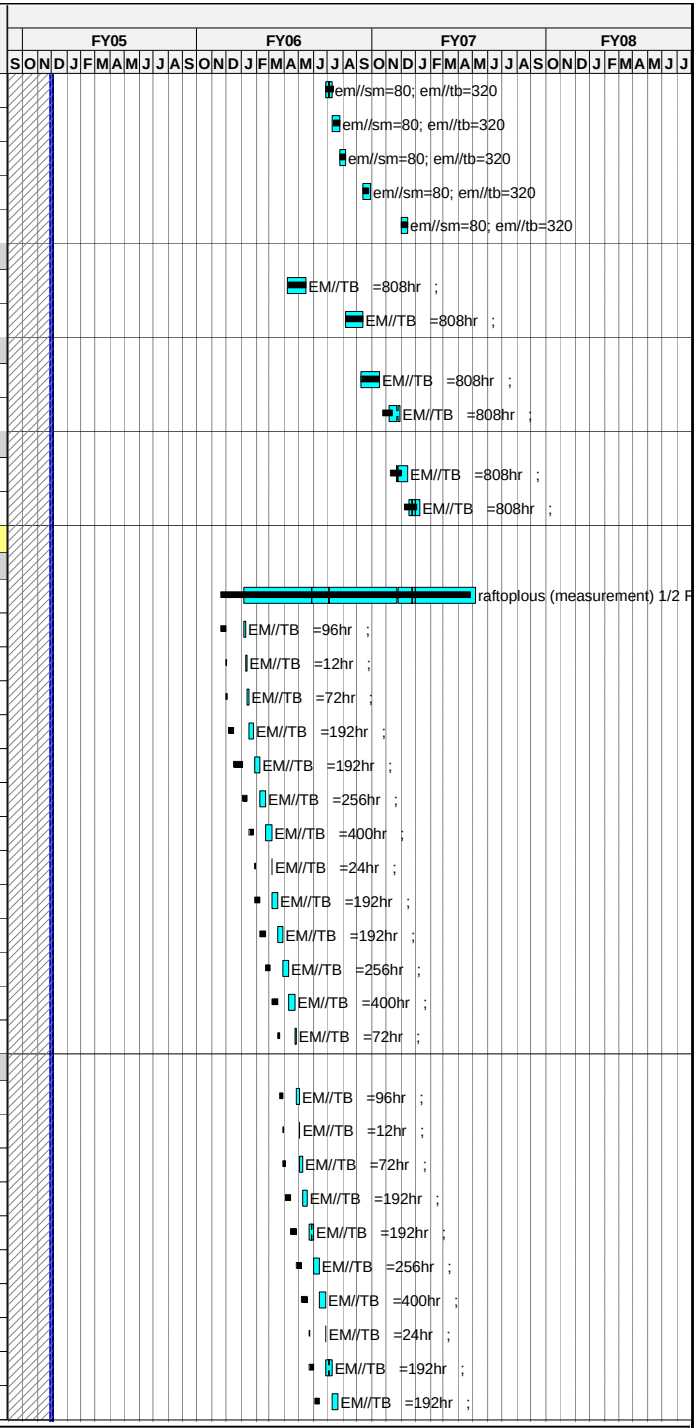
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
184-105	Assemble 3 TF coils&structure -Right -Period #1	27JUN06	10	11JUL06	12JUL06	230		0.00	34,838.40	
184-110	Assemble 3 TF coils&structure -Left-Period #2	12JUL06	10	25JUL06	26JUL06	230		0.00	34,838.40	
184-115	Assemble 3 TF coils&structure -Right -Period #2	26JUL06	10	08AUG06	09AUG06	230		0.00	34,838.40	
184-120	Assemble 3 TF coils&structure -Left -Period #3	14SEP06	10	27SEP06	26SEP06	205		0.00	34,838.40	
184-125	Assemble 3 TF coils&structure -Right -Period #3	01DEC06	10	14DEC06	15DEC06	161		0.00	36,581.60	
Stage 2 MC subassy FP#1										
S2P1-100	Assemble Mod-Coils a1.b1,c1 FP 1 left	07APR06	27	15MAY06	16MAY06	203		0.00	65,544.96	
S2P1-200	Assemble Mod-Coils a2.b2,c2 FP 1 right	07AUG06	27	12SEP06	13SEP06	128		0.00	65,544.96	
Stage 2 MC subassy FP#2										
S2P2-100	Assemble Mod-Coils a3.b3,c3 FP 2 left	11SEP06*	27	17OCT06	17OCT06	124		0.00	67,002.95	
S2P2-200	Assemble Mod-Coils a4.b4,c4 FP 2 right *2 shift*	08NOV06	14	29NOV06	13NOV06	104		0.00	68,825.44	
Stage 2 MC subassy FP#3										
S2P3-100	Assemble Mod-Coils a5.b5,c5 FP 3 left*2 shift*	22NOV06	14	13DEC06	01DEC06	115		0.00	68,825.44	
S2P3-200	Assemble Mod-Coils a6.b6,c6 FP 3 right*2 shift*	18DEC06	14	08JAN07	04JAN07	108		0.00	68,825.44	
Job:1810 - Field Period Assembly-VIOLA										
Stage 1 VV Prep FP#1										
S1P1-000	LOE support staff for FP assemblies	06JAN06	340*	04MAY07	26APR07	104		0.00	298,236.89	
S1P1-101	Receive VV and inspect	06JAN06	4	11JAN06	28NOV05	133		0.00	7,787.52	
S1P1-102	Mount VV on VV Prep fixture (top side up)	12JAN06	1	12JAN06	29NOV05	133		0.00	973.44	
S1P1-103	Establish metrology setting; align VV base	13JAN06	3	17JAN06	02DEC05	133		0.00	5,840.64	
S1P1-106	Attach studs, coolant lines and insulation on to	18JAN06	8	27JAN06	14DEC05	133		0.00	15,575.04	
S1P1-107	Wind magnetic diagnostic sensors to top surface	30JAN06	8	08FEB06	03JAN06	133		0.00	15,575.04	
S1P1-108	Install cooling/htg lines to vac vsl top surface	09FEB06	8	20FEB06	13JAN06	133		0.00	20,766.72	
S1P1-109	Install insulation to vac vsl to top surface	21FEB06	10	06MAR06	27JAN06	133		0.00	32,448.00	
S1P1-110	Flip VV to expose lower surface	07MAR06	1	07MAR06	30JAN06	133		0.00	1,946.88	
S1P1-112	Attach studs, coolant lines and insulation on bo	08MAR06	8	17MAR06	09FEB06	133		0.00	15,575.04	
S1P1-113	Wind magnetic diagnostic sensors to bot surface	20MAR06	8	29MAR06	21FEB06	133		0.00	15,575.04	
S1P1-114	Install cooling/htg lines to vac vsl bot surface	30MAR06	8	10APR06	03MAR06	133		0.00	20,766.72	
S1P1-115	Install insulation to vac vsl to bot surface	11APR06	10	24APR06	17MAR06	133		0.00	32,448.00	
S1P1-116	Prepare and transfer completed VV to holding are	25APR06	3	27APR06	22MAR06	133		0.00	5,840.64	
Stage 1 VV Prep FP#2										
S1P2-101	Receive VV and inspect	28APR06	4	03MAY06	28MAR06	133		0.00	7,787.52	
S1P2-102	Mount VV on VV Prep fixture (top side up)	04MAY06	1	04MAY06	29MAR06	133		0.00	973.44	
S1P2-103	Establish metrology setting; align VV base	05MAY06	3	09MAY06	03APR06	133		0.00	5,840.64	
S1P2-106	Attach studs, coolant lines and insulation on to	10MAY06	8	19MAY06	13APR06	133		0.00	15,575.04	
S1P2-107	Wind magnetic diagnostic sensors to top surface	22MAY06	8	01JUN06	25APR06	133		0.00	15,575.04	
S1P2-108	Install cooling/htg lines to vac vsl top surface	02JUN06	8	13JUN06	05MAY06	133		0.00	20,766.72	
S1P2-109	Install insulation to vac vsl to top surface	14JUN06	10	27JUN06	19MAY06	133		0.00	32,448.00	
S1P2-110	Flip VV to expose lower surface	28JUN06	1	28JUN06	22MAY06	133		0.00	1,946.88	
S1P2-112	Attach studs, coolant lines and insulation on bo	29JUN06	8	11JUL06	02JUN06	133		0.00	15,575.04	
S1P2-113	Wind magnetic diagnostic sensors to bot surface	12JUL06	8	21JUL06	14JUN06	133		0.00	15,575.04	



Run Date 14DEC04 14:23

December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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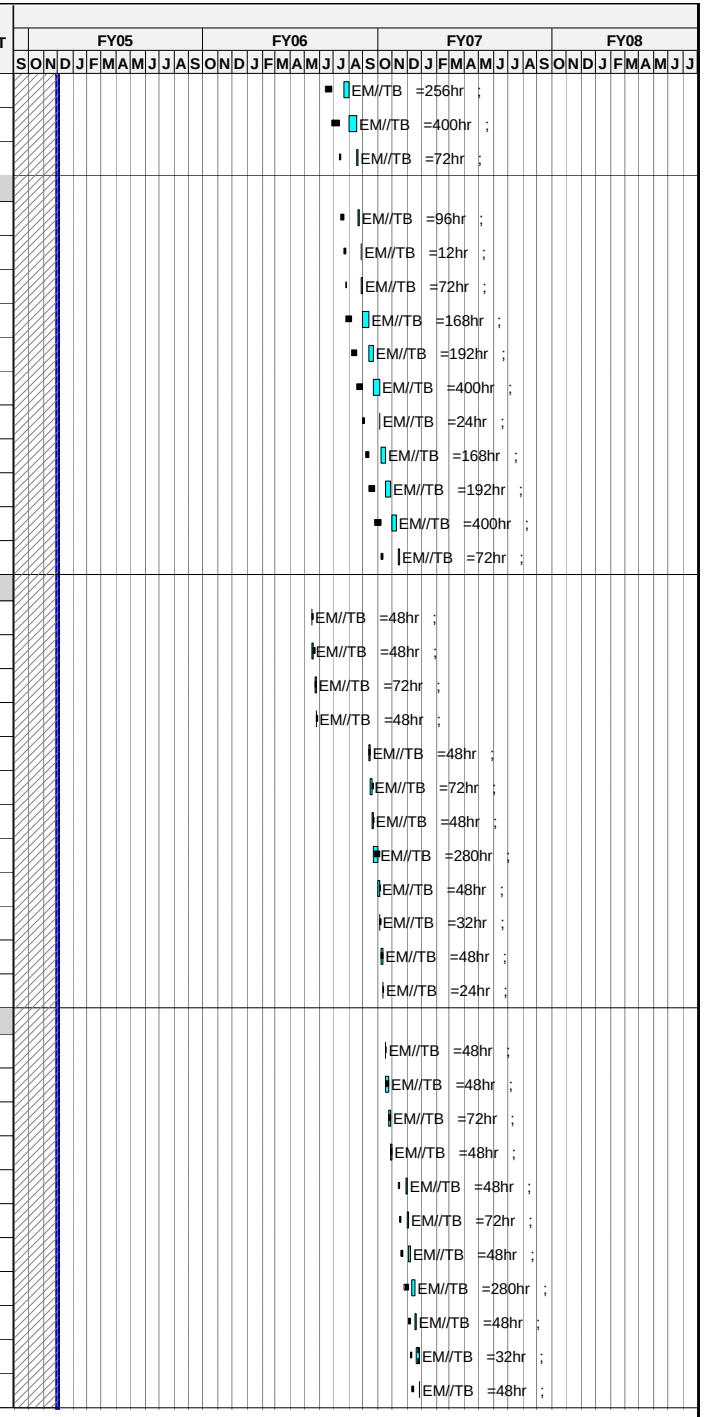
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
S1P2-114	Install cooling/htg lines to vac vsl bot surface	24JUL06	8	02AUG06	26JUN06	133		0.00	20,766.72	
S1P2-115	Install insulation to vac vsl to bot surface	03AUG06	10	16AUG06	12JUL06	133		0.00	32,448.00	
S1P2-116	Prepare and transfer completed VV to holding are	17AUG06	3	21AUG06	17JUL06	133		0.00	5,840.64	
Stage 1 VV Prep FP#3										
S1P3-101	Receive VV and inspect	22AUG06	4	25AUG06	21JUL06	133		0.00	7,787.52	
S1P3-102	Mount VV on VV Prep fixture (top side up)	28AUG06	1	28AUG06	24JUL06	133		0.00	973.44	
S1P3-103	Establish metrology setting; align VV base	29AUG06	3	31AUG06	27JUL06	133		0.00	5,840.64	
S1P3-106	Attach studs, coolant lines and insulation on to	01SEP06	7	11SEP06	07AUG06	133		0.00	13,628.16	
S1P3-107	Install cooling/htg lines to vac vsl top surface	12SEP06	8	21SEP06	17AUG06	133		0.00	15,575.04	
S1P3-108	Install insulation to vac vsl to top surface	22SEP06	10	05OCT06	31AUG06	133		0.00	33,097.60	
S1P3-109	Flip VV to expose lower surface	06OCT06	1	06OCT06	01SEP06	133		0.00	2,044.32	
S1P3-110	Attach studs, coolant lines and insulation on bo	09OCT06	7	17OCT06	13SEP06	133		0.00	14,310.24	
S1P3-112	Install cooling/htg lines to vac vsl bot surface	18OCT06	8	27OCT06	25SEP06	133		0.00	16,354.56	
S1P3-113	Install insulation to vac vsl to bot surface	30OCT06	10	10NOV06	09OCT06	133		0.00	34,072.00	
S1P3-114	Prepare and transfer completed VV to holding are	13NOV06	3	15NOV06	12OCT06	133		0.00	6,132.96	
Stage 3 MC Installation-FP#1										
S3P1-101	Mount VV to MC turning fixt base; metr check	16MAY06	2	17MAY06	18MAY06	203		0.00	3,893.76	
S3P1-102	Mount MC on turning fixt; perform metr checks	18MAY06	2	19MAY06	22MAY06	203		0.00	3,893.76	
S3P1-103	Rotate right MC to stand-off position&chk	22MAY06	3	24MAY06	25MAY06	203		0.00	5,840.64	
S3P1-104	Transfer load to crane and recheck position	25MAY06	2	26MAY06	30MAY06	203		0.00	3,893.76	
S3P1-105	Move MC turning fixt; mount MC on turning fixt	13SEP06	2	14SEP06	15SEP06	128		0.00	3,893.76	
S3P1-106	Rotate left MC to stand-off position and check p	15SEP06	3	19SEP06	20SEP06	128		0.00	5,840.64	
S3P1-107	Move left & right MC to final position & measure	20SEP06	2	21SEP06	22SEP06	128		0.00	3,893.76	
S3P1-108	Install shims (as reqd); ream 24 holes	22SEP06	7	02OCT06	03OCT06	128		0.00	22,876.00	
S3P1-109	Bolt together at flange interface.	03OCT06	2	04OCT06	05OCT06	128		0.00	4,088.64	
S3P1-110	Perform final metrology position check	05OCT06	2	06OCT06	09OCT06	128		0.00	2,725.76	
S3P1-111	Secure VV to MC's using temporary supports.	09OCT06	2	10OCT06	11OCT06	128		0.00	4,088.64	
S3P1-112	Prep& xfr completed assembly to Stage 4 area	11OCT06	1	11OCT06	12OCT06	128		0.00	2,044.32	
Stage 3 MC Installation-FP#2										
S3P2-101	Mount VV to MC turning fixt base; metr check	18OCT06	2	19OCT06	19OCT06	124		0.00	4,088.64	
S3P2-102	Mount MC on turning fixt; perform metr checks	20OCT06	2	23OCT06	23OCT06	124		0.00	4,088.64	
S3P2-103	Rotate right MC to stand-off position&chk	24OCT06	3	26OCT06	26OCT06	124		0.00	6,132.96	
S3P2-104	Transfer load to crane and recheck position	27OCT06	2	30OCT06	30OCT06	124		0.00	4,088.64	
S3P2-105	Move MC turning fixt; mount MC on turning fixt	30NOV06	2	01DEC06	15NOV06	104		0.00	4,088.64	
S3P2-106	Rotate left MC to stand-off position and check p	04DEC06	3	06DEC06	20NOV06	104		0.00	6,132.96	
S3P2-107	Move left & right MC to final position & measure	07DEC06	2	08DEC06	22NOV06	104		0.00	4,088.64	
S3P2-108	Install shims (as reqd); ream 24 holes	11DEC06	7	19DEC06	05DEC06	104		0.00	23,850.40	
S3P2-109	Bolt together at flange interface.	20DEC06	2	21DEC06	07DEC06	104		0.00	4,088.64	
S3P2-110	Perform final metrology position check	22DEC06	2	26DEC06	11DEC06	104		0.00	2,725.76	
S3P2-111	Secure VV to MC's using temporary supports.	27DEC06	2	28DEC06	13DEC06	104		0.00	4,088.64	



Run Date 14DEC04 14:23

December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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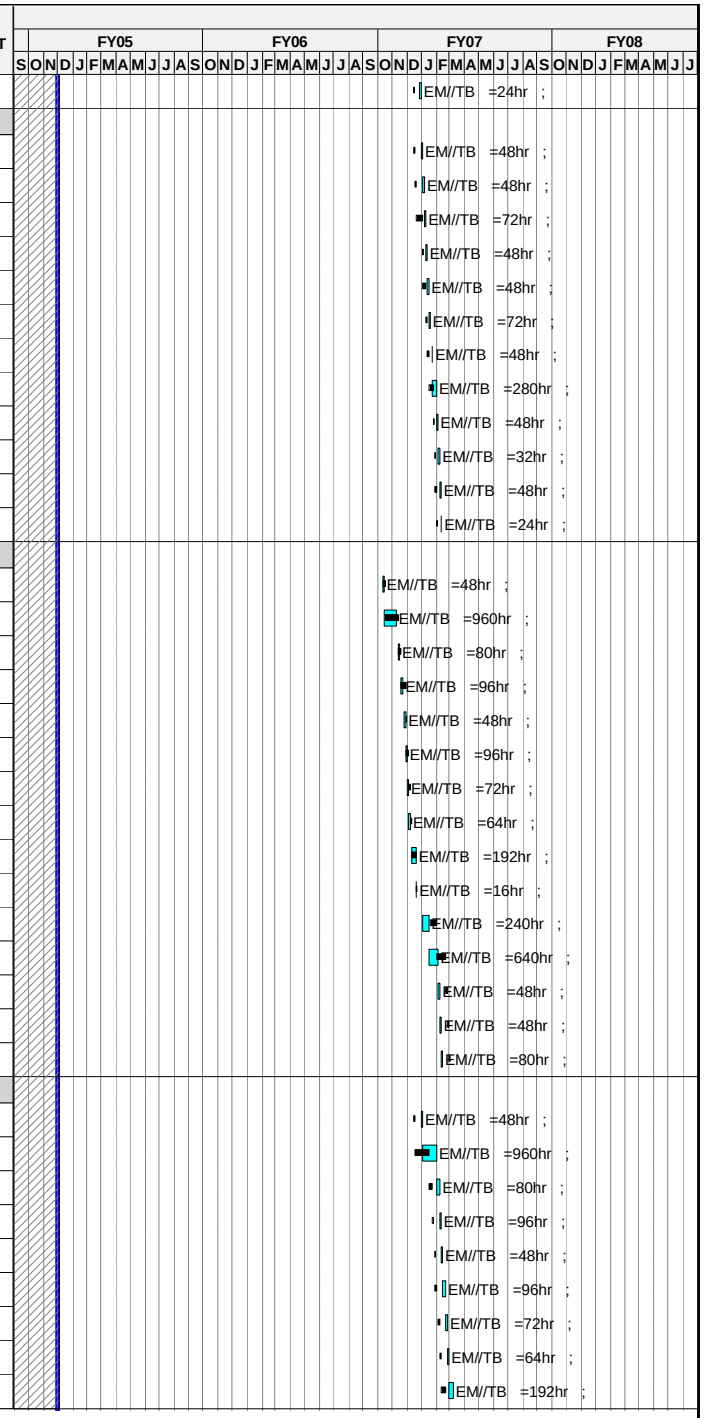
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
S3P2-112	Prep& xfr completed assembly to Stage 4 area	29DEC06	1	29DEC06	14DEC06	104		0.00	2,044.32	
Stage 3 MC Installation-FP#3										
S3P3-101	Mount VV to MC turning fixt base; metr check	02JAN07	2	03JAN07	18DEC06	104		0.00	4,088.64	
S3P3-102	Mount MC on turning fixt; perform metr checks	04JAN07	2	05JAN07	20DEC06	104		0.00	4,088.64	
S3P3-103	Rotate right MC to stand-off position&chk	08JAN07	3	10JAN07	02JAN07	104		0.00	6,132.96	
S3P3-104	Transfer load to crane and recheck position	11JAN07	2	12JAN07	04JAN07	104		0.00	4,088.64	
S3P3-105	Move MC turning fixt; mount MC on turning fixt	15JAN07	2	16JAN07	08JAN07	104		0.00	4,088.64	
S3P3-106	Rotate left MC to stand-off position and check p	17JAN07	3	19JAN07	11JAN07	104		0.00	6,132.96	
S3P3-107	Move left & right MC to final position & measure	22JAN07	2	23JAN07	15JAN07	104		0.00	4,088.64	
S3P3-108	Install shims (as reqd); ream 24 holes	24JAN07	7	01FEB07	24JAN07	104		0.00	23,850.40	
S3P3-109	Bolt together at flange interface.	02FEB07	2	05FEB07	26JAN07	104		0.00	4,088.64	
S3P3-110	Perform final metrology position check	06FEB07	2	07FEB07	30JAN07	104		0.00	2,725.76	
S3P3-111	Secure VV to MC's using temporary supports.	08FEB07	2	09FEB07	01FEB07	104		0.00	4,088.64	
S3P3-112	Prep& xfr completed assembly to Stage 4 area	12FEB07	1	12FEB07	02FEB07	104		0.00	2,044.32	
Stage 4 - Final FP Assy FP#1										
S4P1-101	Mount MC/VV assembly to support frame a	12OCT06	2	13OCT06	16OCT06	163		0.00	4,088.64	
S4P1-102	Position and weld all ports to VV	16OCT06	20	10NOV06	13NOV06	163		0.00	81,772.80	
S4P1-103	Inspect Welds	13NOV06	5	17NOV06	20NOV06	163		0.00	6,814.40	
S4P1-104	Assemble left TF Coil Assembly check position	20NOV06	3	22NOV06	27NOV06	163		0.00	8,177.28	
S4P1-105	Change platforms	27NOV06	2	28NOV06	29NOV06	163		0.00	4,088.64	
S4P1-106	Assemble right TF Coil Assembly	29NOV06	3	01DEC06	04DEC06	163		0.00	8,177.28	
S4P1-107	Attach TF coils to MC's	04DEC06	3	06DEC06	07DEC06	163		0.00	6,132.96	
S4P1-108	Change platforms	07DEC06	2	08DEC06	11DEC06	163		0.00	5,451.52	
S4P1-109	Position, weld two large horizontal diag ports	11DEC06	8	20DEC06	21DEC06	163		0.00	16,354.56	
S4P1-110	Inspect Welds	21DEC06	1	21DEC06	22DEC06	163		0.00	1,362.88	
S4P1-111	Assemble external trim coils to TF Coil	03JAN07	10	16JAN07	01FEB07	157		0.00	20,443.20	
S4P1-112	Close up VV, bakeout 350 deg C, leak check	17JAN07	20	05FEB07	21FEB07	220		0.00	54,515.20	
S4P1-113	Adjust final support base interfaces	06FEB07	2	07FEB07	23FEB07	157		0.00	4,088.64	
S4P1-114	Prepare Field Period for shipment	08FEB07	2	09FEB07	27FEB07	157		0.00	4,088.64	
S4P1-115	Transfer completed assy to C-site test cell	12FEB07	2	13FEB07	01MAR07	157		0.00	6,814.40	
Stage 4 - Final FP Assy FP#2										
S4P2-101	Mount MC/VV assembly to support frame a	02JAN07	2	03JAN07	18DEC06	119		0.00	4,088.64	
S4P2-102	Position and weld all ports to VV	04JAN07	20	31JAN07	16JAN07	119		0.00	81,772.80	
S4P2-103	Inspect Welds	01FEB07	5	07FEB07	23JAN07	119		0.00	6,814.40	
S4P2-104	Assemble left TF Coil Assembly check position	08FEB07	3	12FEB07	26JAN07	119		0.00	8,177.28	
S4P2-105	Change platforms	13FEB07	2	14FEB07	30JAN07	119		0.00	4,088.64	
S4P2-106	Assemble right TF Coil Assembly	15FEB07	3	19FEB07	02FEB07	119		0.00	8,177.28	
S4P2-107	Attach TF coils to MC's	20FEB07	3	22FEB07	07FEB07	119		0.00	6,132.96	
S4P2-108	Change platforms	23FEB07	2	26FEB07	09FEB07	119		0.00	5,451.52	
S4P2-109	Position, weld two large horizontal diag ports	27FEB07	8	08MAR07	21FEB07	119		0.00	16,354.56	



Run Date 14DEC04 14:23

December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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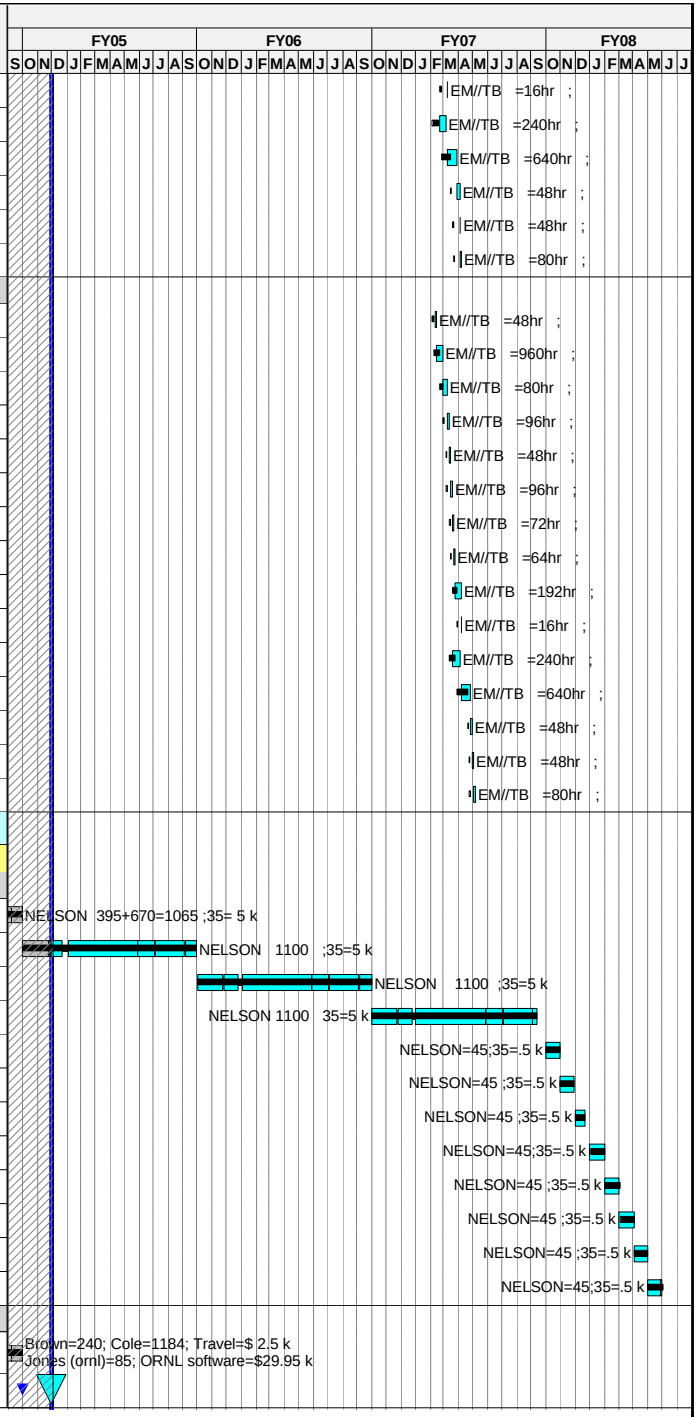
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
S4P2-110	Inspect Welds	09MAR07	1	09MAR07	22FEB07	119		0.00	1,362.88	
S4P2-111	Assemble external trim coils to TF Coil	20FEB07	10	05MAR07	16FEB07	123		0.00	20,443.20	
S4P2-112	Close up VV, bakeout 350 deg C, leak check	10MAR07	20	29MAR07	14MAR07	168		0.00	54,515.20	
S4P2-113	Adjust final support base interfaces	30MAR07	2	02APR07	16MAR07	119		0.00	4,088.64	
S4P2-114	Prepare Field Period for shipment	03APR07	2	04APR07	20MAR07	119		0.00	4,088.64	
S4P2-115	Transfer completed assy to C-site test cell	05APR07	2	06APR07	22MAR07	119		0.00	6,814.40	
Stage 4 - Final FP Assy FP#3										
S4P3-101	Mount MC/VV assembly to support frame a	13FEB07	2	14FEB07	06FEB07	104		0.00	4,088.64	
S4P3-102	Position and weld all ports to VV*2 shift*	15FEB07	10	28FEB07	20FEB07	104		0.00	81,772.80	
S4P3-103	Inspect Welds	01MAR07	5	07MAR07	27FEB07	104		0.00	6,814.40	
S4P3-104	Assemble left TF Coil Assembly check position	08MAR07	3	12MAR07	02MAR07	104		0.00	8,177.28	
S4P3-105	Change platforms	13MAR07	2	14MAR07	06MAR07	104		0.00	4,088.64	
S4P3-106	Assemble right TF Coil Assembly	15MAR07	3	19MAR07	09MAR07	104		0.00	8,177.28	
S4P3-107	Attach TF coils to MC's	20MAR07	3	22MAR07	14MAR07	104		0.00	6,132.96	
S4P3-108	Change platforms	23MAR07	2	26MAR07	16MAR07	104		0.00	5,451.52	
S4P3-109	Position, weld two large horizontal diag ports	27MAR07	8	05APR07	28MAR07	104		0.00	16,354.56	
S4P3-110	Inspect Welds	06APR07	1	06APR07	29MAR07	104		0.00	1,362.88	
S4P3-111	Assemble external trim coils to TF Coil	20MAR07	10	02APR07	23MAR07	108		0.00	20,443.20	
S4P3-112	Close up VV, bakeout 350 deg C, leak check	07APR07	20	26APR07	18APR07	147		0.00	54,515.20	
S4P3-113	Adjust final support base interfaces	27APR07	2	30APR07	20APR07	104		0.00	4,088.64	
S4P3-114	Prepare Field Period for shipment	01MAY07	2	02MAY07	24APR07	104		0.00	4,088.64	
S4P3-115	Transfer completed assy to C-site test cell	03MAY07	2	04MAY07	26APR07	104		0.00	6,814.40	
19 - Stellarator Core Management and Integration										
Job: 1901 - Stellarator Core Mngtt&Integr-NELSON										
191 - Stellarator Core Management & Oversight										
191-4	LOE-FY04 WBS 191-4 Management Activities	01OCT03A	250*	30SEP04A	30SEP04A		LOE	145,699.85	145,699.85	
0191-5	LOE-FY05 WBS 191	01OCT04A	249*	30SEP05	30SEP05	1,010	LOE	28,157.91	170,654.00	
0191-6	LOE-FY06 WBS 191	03OCT05*	250*	02OCT06	02OCT06	526	LOE	0.00	170,673.65	
0191-6X	LOE-FY07 WBS 191	03OCT06*	234	10SEP07	10SEP07	526	LOE	0.00	179,301.00	
0191-91	LOE-FY06 WBS 191 1 mo SO	01OCT07*	22	30OCT07	30OCT07	346	LOE	0.00	7,877.20	
0191-92	LOE-FY06 WBS 191 1 mo SO	31OCT07*	21	28NOV07	28NOV07	346	LOE	0.00	7,877.20	
0191-93	LOE-FY06 WBS 191 1 mo SO	03DEC07*	15	21DEC07	21DEC07	346	LOE	0.00	7,877.20	
0191-94	LOE-FY06 WBS 191 1 mo SO	01JAN08*	22	30JAN08	31JAN08	346	LOE	0.00	7,877.20	
0191-95	LOE-FY06 WBS 191 1 mo SO	31JAN08*	22	29FEB08	03MAR08	346	LOE	0.00	7,877.20	
0191-96	LOE-FY06 WBS 191 1 mo SO	03MAR08*	22	01APR08	02APR08	346	LOE	0.00	7,877.20	
0191-97	LOE-FY06 WBS 191 1 mo SO	02APR08*	21	30APR08	01MAY08	346	LOE	0.00	7,877.20	
0191-98	LOE-FY06 WBS 191 1 mo SO	01MAY08*	21	30MAY08	02JUN08	346	LOE	0.00	7,877.20	
192 - Stellarator Core Integration & Analysis										
192-4	LOE-FY05 WBS 192-4 Design Integration Activities	01OCT03A	250*	30SEP04A	30SEP04A		LOE	237,358.09	237,358.09	
192-4.1	Self consistent models/dwgs f/ Mod Coil & VV FDR		0	30NOV04*	30SEP04*	1,218	100	0.00	0.00	



Run Date 14DEC04 14:23

December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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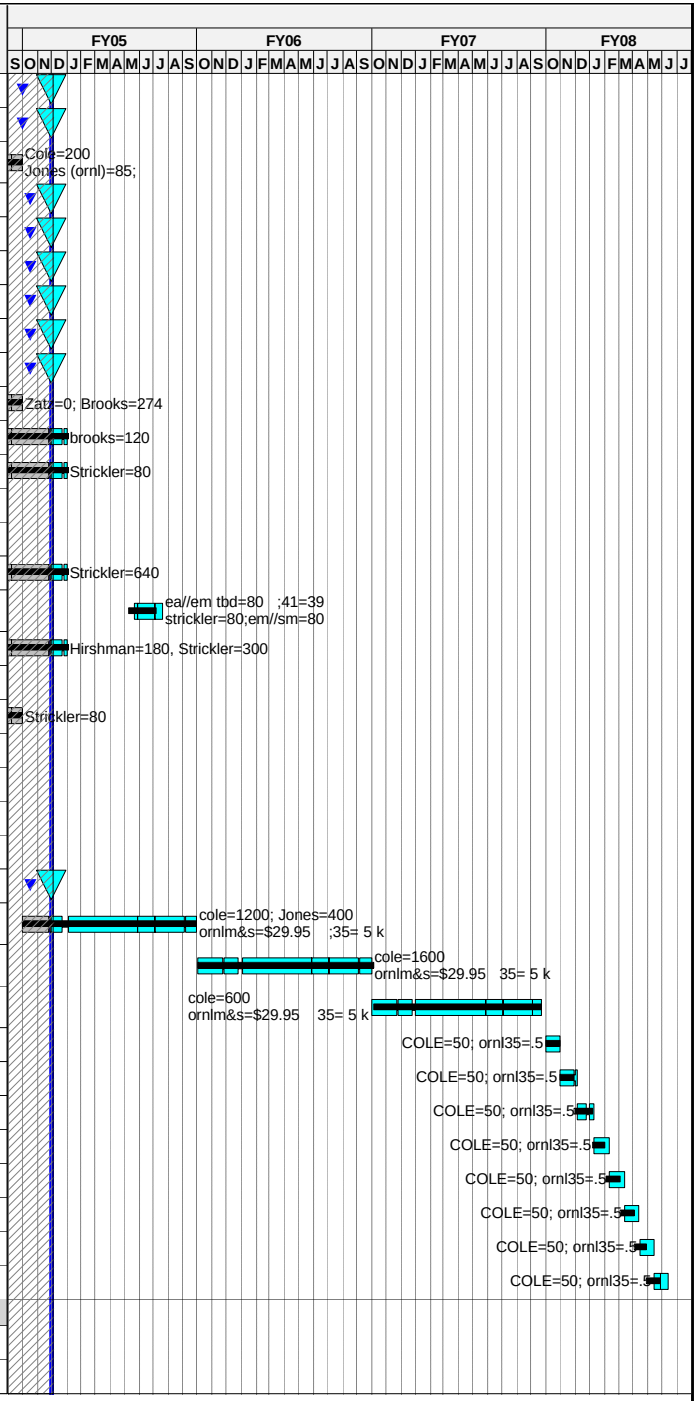
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
192-4.2	Self consistent models/dwgs Conv Coils&sprt strc		0	30NOV04*	30SEP04*	1,218		0.00	0.00	
192-4.4	Stellarator Core Assy dwgs & assy sequence		0	30NOV04*	30SEP04*	1,218		0.00	0.00	
192-5	LOE-FY05 WBS 192-5 VV & Coil Services Integr	01OCT03A	250*	30SEP04A	30SEP04A		LOE	36,676.65	36,676.65	
192-5.1	\VV Helium Line Models		0	30NOV04*	15OCT04*	1,218		0.00	0.00	
192-5.2	Mod Coil LN2 Lines Layouts		0	30NOV04*	15OCT04*	1,218		0.00	0.00	
192-5.3	Mod Coil Leads Layouts		0	30NOV04*	15OCT04*	1,218		0.00	0.00	
192-5.4	PF Coil Leads & Services Layouts		0	30NOV04*	15OCT04*	1,218		0.00	0.00	
192-5.5	TF Coil leads & Services Layouts		0	30NOV04*	15OCT04*	1,218		0.00	0.00	
192-5.6	External Trim Coil Leads /services Layouts		0	30NOV04*	15OCT04*	1,218		0.00	0.00	
192-6	LOE-FY05 WBS 192-6 Integrated Analysis	01OCT03A	271	30SEP04A	30SEP04A		LOE	44,031.80	44,031.80	
192-6.01	Document coil tolerance and trim coil requiremen	01MAR04A	213*	30DEC04	03JAN05	1,221	95	18,558.38	19,535.14	
192-6.02	Check critical coil tolerance calculations.	01APR04A	190*	30DEC04	03JAN05	1,221	50	5,389.73	10,779.45	
192-6.2	Final Mod Coil Trajectories		0	27FEB04A	27FEB04A			0.00	0.00	
192-6.5	Structural Design criteria		0	28MAY04A	28MAY04A		100	0.00	0.00	
192-6.03	Method for determining current center	01FEB04A	234*	31DEC04	03JAN05	1,220	90	77,002.12	85,557.91	
192-6.031	Demo Method for current center on TRC	24MAY05	40	20JUL05	08JUL05	1,080		0.00	88,519.19	
192-6.06	Coil positions to minimize islands.	02FEB04A	233*	30DEC04	03JAN05	1,221	70	44,898.35	64,140.51	
192-6.07	Time constant calcs using SPARK	01APR04A	42*	28MAY04A	28MAY04A		100	6,428.00	6,428.00	
192-6.08	Indep check time constant calcs using EDDYCUFF	01MAY04A	138*	30SEP04A	30SEP04A		100	10,295.20	10,295.20	
192-6.09	Revised VV geometry	02FEB04A	6	27FEB04A	27FEB04A		100	3,214.00	3,214.00	
192-6.10	MC interf during assly, geometry, assly trajecto	02FEB04A	31	27FEB04A	27FEB04A		100	34,073.60	34,073.60	
192-6.11	Range of motion reqts for Assly MC fixture.	02FEB04A	20	27FEB04A	27FEB04A		100	18,003.60	18,003.60	
192-6.12	Final Check & Verification	01MAY04A	6	28MAY04A	28MAY04A		100	3,856.80	3,856.80	
192-6.3	Best fit for mod coil assy on winding measuremen		0	30NOV04*	15OCT04*	1,218		0.00	0.00	
0192-5	LOE-FY05 WBS 192	01OCT04A	249*	30SEP05	30SEP05	1,010	LOE	44,815.01	271,606.12	
0192-6	LOE-FY06 WBS 192	03OCT05*	250	02OCT06	03OCT06	518	LOE	0.00	272,283.11	
0192-6X	LOE-FY06 WBS 192	03OCT06*	242	20SEP07	21SEP07	518	LOE	0.00	135,038.20	
0192-91	LOE-F1 mo SO	01OCT07*	22	30OCT07	30OCT07	338	LOE	0.00	8,285.04	
0192-92	LOE-F1 mo SO	31OCT07*	22	03DEC07	27NOV07	338	LOE	0.00	8,285.04	
0192-93	LOE-F1 mo SO	04DEC07*	22	10JAN08	04JAN08	338	LOE	0.00	8,285.04	
0192-94	LOE-F1 mo SO	11JAN08*	22	11FEB08	01FEB08	338	LOE	0.00	8,285.04	
0192-95	LOE-F1 mo SO	12FEB08*	22	12MAR08	03MAR08	338	LOE	0.00	8,285.04	
0192-96	LOE-F1 mo SO	13MAR08*	22	11APR08	01APR08	338	LOE	0.00	8,285.04	
0192-97	LOE-F1 mo SO	14APR08*	21	12MAY08	29APR08	338	LOE	0.00	8,285.04	
0192-98	LOE-F1 mo SO	13MAY08*	21	11JUN08	28MAY08	338	LOE	0.00	8,285.04	
0000										
1901-002	Apr-Sept MIE Costs ORNL	01APR03A	248	30SEP03A	30SEP03A		100	187,090.00	187,090.00	
1901-003	Apr-Sept MIE Costs PPPL	01APR03A	248	30SEP03A	30SEP03A		100	67,070.00	67,070.00	



Run Date 14DEC04 14:23

December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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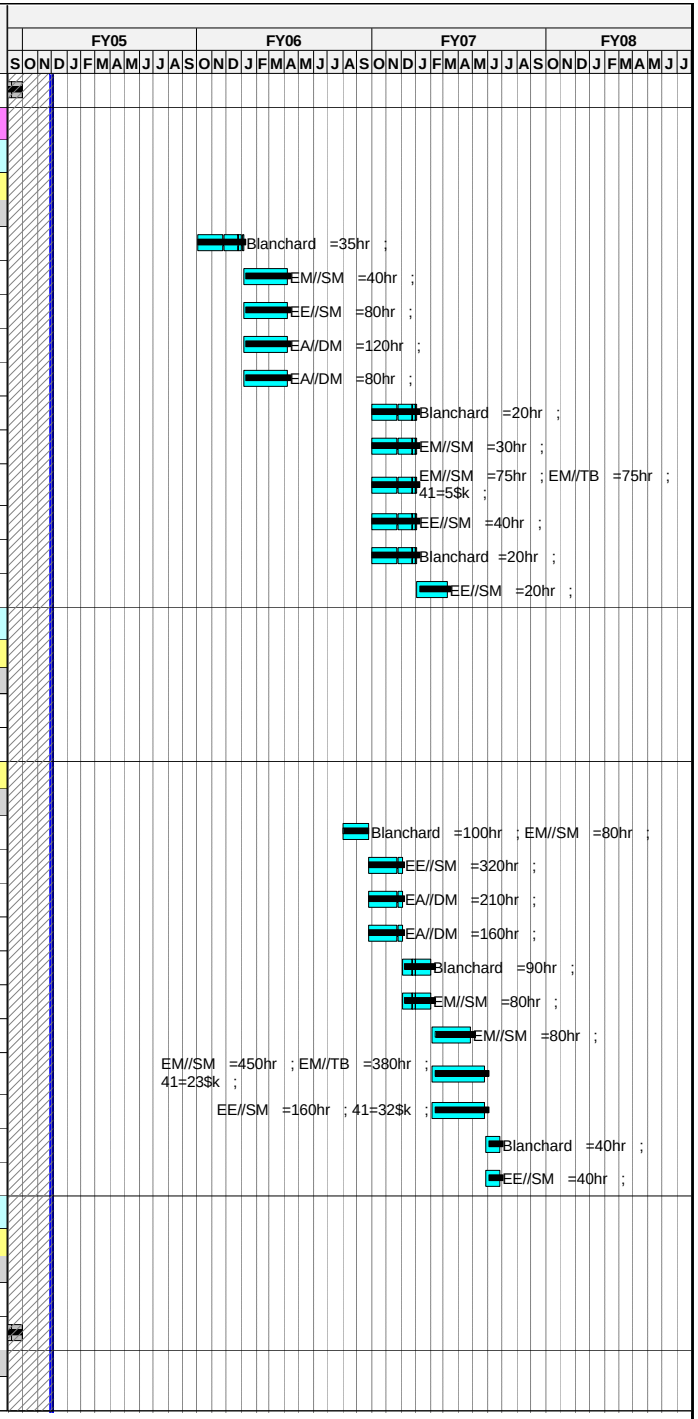
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
1901-ECP16	ecp16	01OCT03A	250*	30SEP04A	30SEP04A		LOE	30,000.00	30,000.00	
2 - Plasma Heating, Fueling & Vac Systems										
21 - Fueling Systems										
ECP 16 October 2004										
21-10	Eng. Work Planning and Design	03OCT05*	65	05JAN06	11JAN06	323		0.00	5,978.00	
21-15	Design Gas Handling Hardware	06JAN06	65	06APR06	12APR06	323		0.00	4,440.00	
21-20	Design PLC Controls	06JAN06*	65	06APR06	12APR06	323		0.00	9,247.20	
21-25	Electrical Drafting for pumping system	06JAN06*	65	06APR06	12APR06	323		0.00	12,806.40	
21-30	Drafting	06JAN06*	65	06APR06	12APR06	323		0.00	8,537.60	
21-35	Eng. Work Planning and Design during fab	02OCT06*	65	04JAN07	10JAN07	199		0.00	3,586.80	
21-40	Fabrication/Install Hardware	02OCT06*	65	04JAN07	10JAN07	199		0.00	3,496.50	
21-45	Fabrication/installation	02OCT06*	65	04JAN07	10JAN07	199		0.00	21,754.75	
21-55	Install PLC Controls	02OCT06*	65	04JAN07	10JAN07	199		0.00	4,854.80	
21-60	Integrated Systems Testing/Eng	02OCT06*	65	04JAN07	10JAN07	199		0.00	3,586.80	
21-65	Integrated Systems Testing/Tech Support	05JAN07*	45	08MAR07	14MAR07	199		0.00	2,427.40	
22 - Torus Vacuum Pumping Systems										
Job: 2001-VPS,Gas& Cond Sys Oversight-BLANCHARD										
0000										
2001-001	Apr-May MIE Cost	01APR03A	43*	30MAY03A	30MAY03A		100	35,300.00	35,300.00	
2001-100	PDR Support	01JUN03A	164*	30SEP03A	30SEP03A		LOE	24,896.00	24,896.00	
22-25	Eng. Work Planning and Design	01AUG06*	40	25SEP06	26SEP06	130		0.00	25,960.00	
22-30	Design PLC based control system	26SEP06*	50	06DEC06	07DEC06	170		0.00	38,690.43	
22-35	Electrical Drafting for pumping system	26SEP06*	50	06DEC06	07DEC06	190		0.00	23,442.89	
22-40	Drafting	26SEP06*	50	06DEC06	07DEC06	130		0.00	17,861.25	
22-45	Eng. Work Planning and Design during fab	07DEC06*	40	02FEB07	09FEB07	150		0.00	16,140.60	
22-50	Perform maint. & repair of pmpg sys	07DEC06*	40	02FEB07	09FEB07	130		0.00	9,324.00	
22-55	Repair and Calibration of vac instrumentation	05FEB07*	60	27APR07	04MAY07	150		0.00	9,324.00	
22-60	Fabrication/installation	05FEB07*	80	25MAY07	04JUN07	130		0.00	115,290.90	
22-65	Fab PLC conrols	05FEB07*	80	25MAY07	04JUN07	130		0.00	61,819.20	
22-70	Integrated Systems Testing/Eng	29MAY07*	20	25JUN07	02JUL07	130		0.00	7,173.60	
22-75	Integrated Systems Testing/Tech Support	29MAY07*	20	25JUN07	02JUL07	130		0.00	4,854.80	
25 - Neutral Beam Injection System										
Job: 2501 - Neutral Beam Refurbishment-STEVENSON										
FY04 Work Plan										
2501-014	FY04 work accomplished	03NOV03A	227	30JUN04A	30JUN04A			81,371.26	81,371.26	
2501-014.1	FY04 work closeout *TBD*	01JUL04A	64*	30SEP04A	30SEP04A		LOE	49,247.90	49,247.90	
RefurbishmentCD-3 deleted scope**										
25-099	FY04 work accomplished	01MAR04A	846*	30JUN04A	30JUN04A			21,771.60	21,771.60	



Run Date 14DEC04 14:23

December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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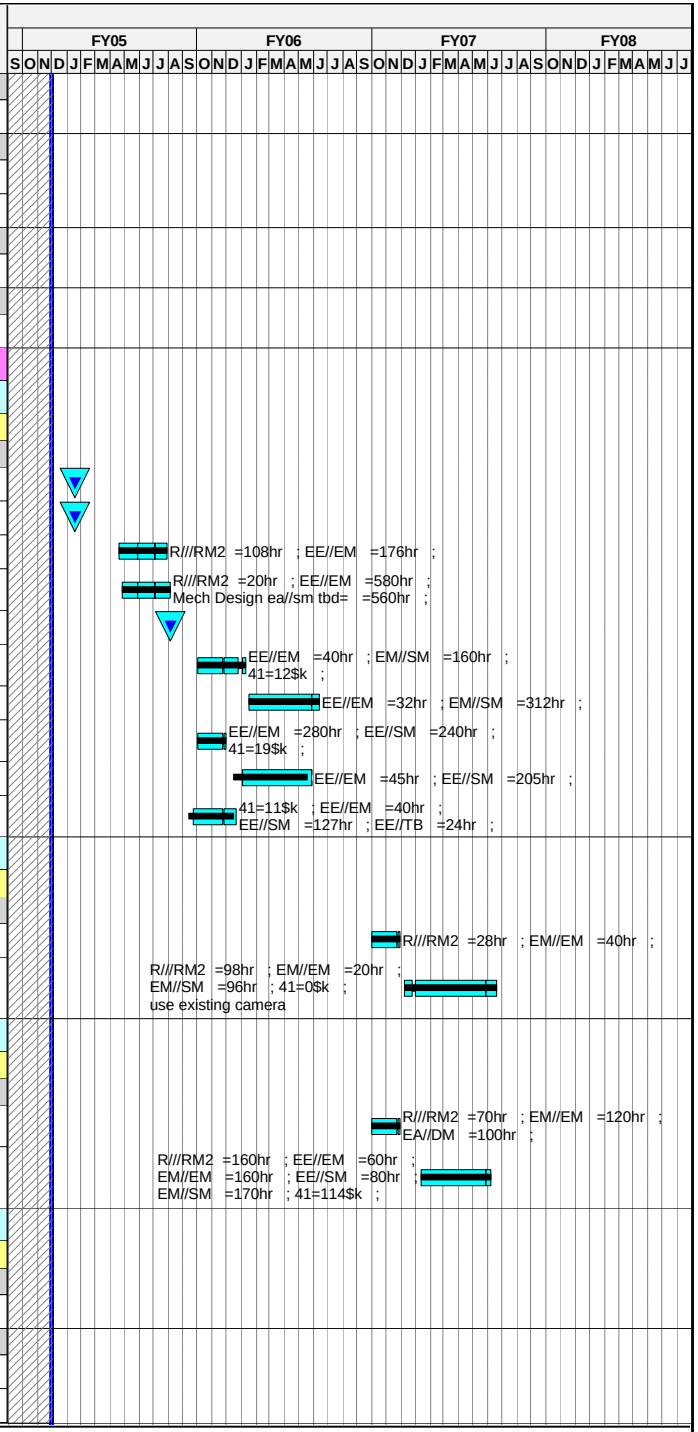
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
Re-Install BeamlineCD-3 deleted scope**										
25-190.1	33) Fabr BL alignment measur fixture,	**01JUN04A**	*699**	**30JUN04A**	*30JUN04A*			***2,076.05***	2,076.05	
Re-Install CablesCD-3 deleted scope**										
25-225.1	Cabling-Design & WP Procedures	**01APR04A**	*872**	**30JUN04A**	*30JUN04A*			***4,845.00***	4,845.00	
25-230.1	Cabling-Fabr and Install new Junction Box	**02JUN04A**	*190*	**30JUN04A**	*30JUN04A*			***736.80***	736.80	
Beamline ConnectionsCD-3 deleted scope**										
25-310.1	Drafting Labor Support	**01JUN04A**	*298*	**30JUN04A**	*30JUN04A*			***2,524.80***	2,524.80	
0000										
2501-001	Apr-Sept MIE Cost	**01APR03A**	*43**	**30SEP03A**	*30SEP03A*		***100***	***146,310.00***	146,310.00	
3 - Diagnostics										
31 - Magnetic Diagnostics										
Job: 3101 Magnetic Diagnostics										
310-005	Finalize Loop Geometry		*0*	**17JAN05***	*17JAN05**	***977***		***0.00***	0.00	
310-006	Magnetics CDR		*0*	**17JAN05***	*17JAN05**	***344***		***0.00***	0.00	
310-010	Design Mag Diagnostics	**22APR05***	*69*	**29JUL05**	*29JUL05*	***909***		***0.00***	45,197.16	
310-020	Design other ex-vessel sensors	**29APR05***	*69*	**05AUG05**	*05AUG05*	***271***		***0.00***	155,621.00	
310-011	Mag diag and Coil Sensor FDR		*0*	**05AUG05**	*05AUG05*	***904***		***0.00***	0.00	
310-025	Procure matl for ex-vsl sensors	**03OCT05***	*65*	**11JAN06**	*11JAN06*	***232***		***0.00***	39,290.90	
310-026	Install ex-vessel sensors on coils	**16JAN06***	*105*	**12JUN06**	*12JUN06*	***230***		***0.00***	39,916.48	
310-015	Fabricate Magnetics	**03OCT05***	*40*	**29NOV05**	*29NOV05*	***865***		***0.00***	65,591.80	
310-016	Install terminal boxes and terminate	**03JAN06***	*105*	**30MAY06**	*18MAY06*	***847***		***0.00***	31,127.25	
310-030	Design & Fab Magnetic integrators	**22SEP05***	*65*	**23DEC05**	*14DEC05*	***952***		***0.00***	37,138.36	
36 - Edge and Divertor Diagnostics										
361-001	Design Visible Camera sys	**02OCT06***	*40*	**28NOV06**	*28NOV06*	***133***		***0.00***	11,821.60	
361-015	Fab/Assy/Installation Visible Camera	**08DEC06***	*130*	**18JUN07**	*18JUN07*	***126***		***0.00***	31,043.60	
38 - Electron Beam (EB) Mapping										
380-010	Designe-Beam Probe,Fluor. Screen	**02OCT06***	*40*	**28NOV06**	*28NOV06*	***161***		***0.00***	44,346.80	
380-015	Fab & Install Beam probe	**15JAN07***	*102*	**06JUN07**	*06JUN07*	***134***		***0.00***	246,231.50	
39 - Diagnostics Integration										
Job: 3901 - Diagnostics sys Integration-JOHNSON										
0000										
390-001	LOE Support FY03	**01APR03A**	*151**	**30SEP03A**	*30SEP03A*		***100***	***155,450.00***	155,450.00	
390-100	Finalize VV ports (number,size,locations)		*0*	**30JUN04A**	*30JUN04A*		***100***	***0.00***	0.00	
390-110	Resolve port interferences.Final port config		*0*	**30JUN04A**	*30JUN04A*		***100***	***0.00***	0.00	



Run Date **14DEC04 14:23**

December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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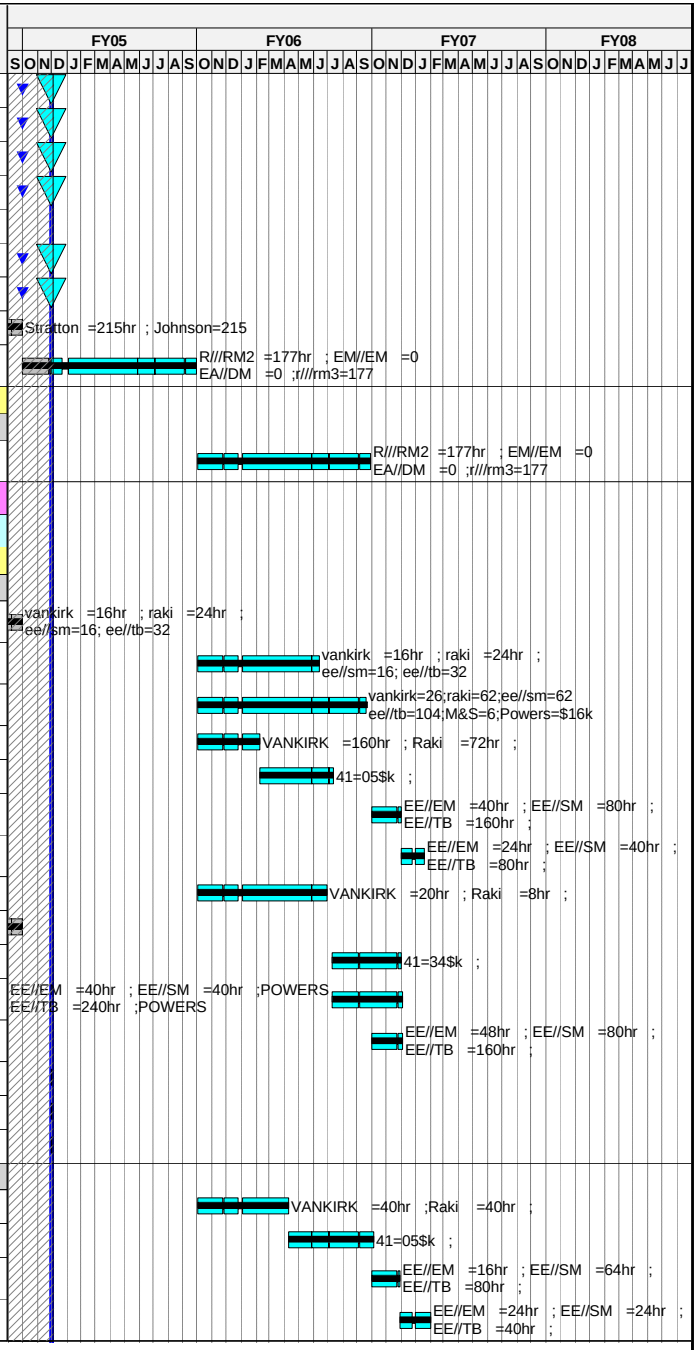
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
390-120	Update port map&revise diag port assignments		0	30NOV04*	30SEP04*	1,218	90	0.00	0.00	
390-130	Rvw status of existing ICD's w/VV & Mod Coils		0	30NOV04*	30SEP04*	1,218	100	0.00	0.00	
390-140	Write ICD's-Define external space for diagnostic		0	30NOV04*	30SEP04*	1,218	50	0.00	0.00	
390-150	Write ICD's-Define space f/racks in cntrl rm		0	30NOV04*	30SEP04*	1,218	50	0.00	0.00	
390-160	Start recruiting diag team at HTPD conference		0	30JUN04A	30JUN04A		100	0.00	0.00	
390-170	Develop space envelopes for SXR		0	30NOV04*	30SEP04*	1,218	70	0.00	0.00	
390-180	Hold CDR's co-wound mag sensors&ext saddle loops		0	30NOV04*	30SEP04*	1,218		0.00	0.00	
390-010	LOE Support FY04	01OCT03A	250*	30SEP04A	30SEP04A		LOE	78,023.50	78,023.50	
390-015	LOE Support FY05 **reduced scope	01OCT04A	249*	30SEP05	30SEP05	1,010	LOE	11,104.62	67,300.71	
390-020	LOE Support FY06	03OCT05*	249*	29SEP06	29SEP06	761		0.00	68,631.75	
4 - Electrical Power Systems										
41 - AC Power										
Job: 4101 - AC Power-RAMAKRISHNAN										
411 - Auxiliary AC Power Systems										
4101-100	Prepare Preliminary One line diagram	01MAR04A	173*	30SEP04A	30SEP04A		100	8,496.72	8,496.72	
4101-100.1	Prepare Preliminary One line diagram	03OCT05*	173	13JUN06	13JUN06	837		0.00	1,007.93	
411-1-100	Ex-Test cell AC pwr-Reactivate& new instl	03OCT05*	241	19SEP06	20SEP06	769		0.00	56,876.86	
411-2-2	Grounding-Dsn	03OCT05*	86	09FEB06	09FEB06	330		0.00	28,965.28	
411-2-4	Grounding-Procure	10FEB06*	107	12JUL06	13JUL06	330		0.00	6,450.00	
411-2-6	Grounding-Install	02OCT06*	43	01DEC06	01DEC06	231		0.00	63,205.80	
411-2-8	Grounding-Commission	04DEC06*	29	19JAN07	19JAN07	231		0.00	15,734.00	
411-3-2	Test Cell AC Power Distr-Dsn	03OCT05*	186	30JUN06	30JUN06	366		0.00	3,455.52	
411-3-2.04	Test Cell AC Power fy04	01APR04A	186*	30SEP04A	30SEP04A		100	148,730.00	148,730.00	
411-3-4	Test Cell AC Power Distr-Procure(pnls & xfrmrs)	10JUL06*	101	30NOV06	30NOV06	261		0.00	44,354.85	
411-3-6	Test Cell AC Power Distr-Install	10JUL06*	104	05DEC06	05DEC06	258		0.00	31,080.38	
411-3-8	Test Cell AC Power Distr-Commission	02OCT06*	45	05DEC06	05DEC06	258		0.00	31,468.00	
411-4-2	Standby Power for Cryo Sys -Dsn	01DEC04	0	30NOV04		1,218		0.00	0.00	
411-4-4	Standby Power for Cryo Sys -Procure	01DEC04	0	30NOV04		1,218		0.00	0.00	
411-4-6	Standby Power for Cryo Sys -Install	01DEC04	0	30NOV04		1,218		0.00	0.00	
412 - Experimental AC Power Systems										
412-1-2	D-site Pulsed AC Power Distr-Dsn	03OCT05*	128	10APR06	10APR06	233		0.00	10,874.40	
412-1-4	D-site Pulsed AC Power Distr-Procure	11APR06	125	05OCT06	06OCT06	233		0.00	6,455.60	
412-1-6	D-site Pulsed AC Power Distr-Install	02OCT06*	40	28NOV06	28NOV06	197		0.00	17,259.68	
412-1-8	D-site Pulsed AC Power Distr-Commission	29NOV06	40	31JAN07	31JAN07	197		0.00	10,433.28	



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December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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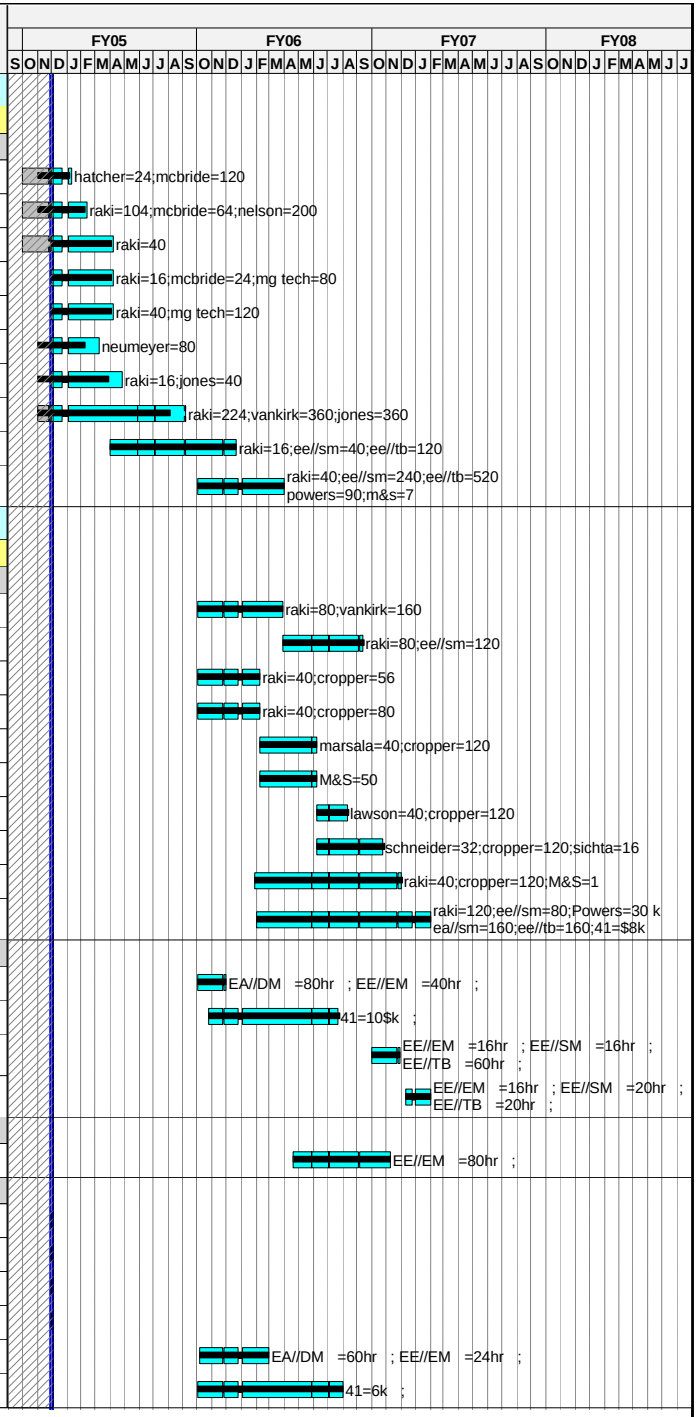
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
43 - DC Systems										
Job: 4301 - DC Systems-RAMAKRISHNAN										
431 - C-Site DC Systems										
431-200	Condition/spare parts inventory	01OCT04A	63*	10JAN05	07JAN05	1,196	80	13,989.89	17,487.36	
431-210	Organize & verify documentation	01OCT04A	86*	10FEB05	09FEB05	1,173	55	24,764.04	45,025.52	
431-215	Document status	01OCT04A	125*	06APR05	05APR05	1,134	10	647.76	6,477.60	
431-225	Reactivate DF & PEI units	01DEC04*	84	06APR05	05APR05	1,134		0.00	11,584.80	
431-230	Load	01DEC04*	84	06APR05	05APR05	1,134		0.00	15,888.00	
431-240	Simulate each of 6 pwr loops in PSCAD	01DEC04*	65	10MAR05	09FEB05	1,153		0.00	12,955.20	
431-250	c-site dc sys DGS dsn documentation	01DEC04*	100	28APR05	30MAR05	1,118		0.00	6,777.04	
431-260	Power loop design	01NOV04A	190	06SEP05	05AUG05	1,028	10	11,162.26	111,622.56	
431-265	Fabricate bus components	01APR05*	185	22DEC05	22DEC05	953		0.00	16,635.86	
431-275	Power cabling & Installation	03OCT05*	121	30MAR06	30MAR06	448		0.00	201,061.60	
44 - Control and protection Systems										
Job: 4401 - Control & Protection-RAMAKRISHNAN										
441 - Electrical Interlocks										
441-095	Design Interlock sys	03OCT05*	118	27MAR06	27MAR06	332		0.00	30,286.40	
441-097	Install Interlock sys	28MAR06	119	13SEP06	14SEP06	332		0.00	27,082.00	
441-100	PLC Specification	03OCT05*	85	08FEB06	08FEB06	743		0.00	13,078.64	
441-105	Prep Block diagrams	03OCT05*	85	08FEB06	08FEB06	925		0.00	15,852.80	
441-110	PLC CWD's & Cabling	09FEB06*	85	08JUN06	08JUN06	743		0.00	20,476.40	
441-115	deliver PLC	09FEB06*	85	08JUN06	08JUN06	840		0.00	64,500.00	
441-120	Program PLC Logic	09JUN06*	45	11AUG06	14AUG06	795		0.00	20,476.40	
441-125	Program Control pages	09JUN06*	97	25OCT06	26OCT06	743		0.00	21,797.13	
441-130	Pre-commissioning tests	31JAN06*	214	01DEC06	04DEC06	718		0.00	21,979.19	
441-135	Install I/O Cabling	03FEB06*	248	31JAN07	01FEB07	681		0.00	109,334.39	
442 - Kirk Key Interlocks										
442-1-2	Kirk Keys-Dsn	03OCT05*	41	30NOV05	30NOV05	405		0.00	15,143.20	
442-1-4	Kirk Keys-Procure	24OCT05*	185	21JUL06	24JUL06	246		0.00	12,900.00	
442-1-6	Kirk Keys-Install	02OCT06*	40	28NOV06	28NOV06	197		0.00	42,879.52	
442-1-8	Kirk Keys-Commission	13DEC06	30	31JAN07	31JAN07	197		0.00	6,881.20	
443 - Real Time Control Systems										
443-1-2	Develop Control Algorithms-Dsn	21APR06*	142	09NOV06	10NOV06	221		0.00	13,346.15	
444 - Instrument Systems										
444-1-2	DC Current Transducers (DCCTs)-Dsn	01DEC04	0	30NOV04		1,218		0.00	0.00	
444-1-4	DC Current Transducers (DCCTs)-Procure	01DEC04	0	30NOV04		1,218		0.00	0.00	
444-1-6	DC Current Transducers (DCCTs)-Install	01DEC04	0	30NOV04		1,218		0.00	0.00	
444-1-8	DC Current Transducers (DCCTs)-Commission	01DEC04	0	30NOV04		1,218		0.00	0.00	
444-2-2	DC Potential Transducers (DCPTs)-Dsn	07OCT05*	95	28FEB06	28FEB06	820		0.00	10,366.56	
444-2-4	DC Potential Transducers (DCPTs)-Procure	03OCT05*	207	01AUG06	02AUG06	743		0.00	7,740.00	



Run Date 14DEC04 14:23

December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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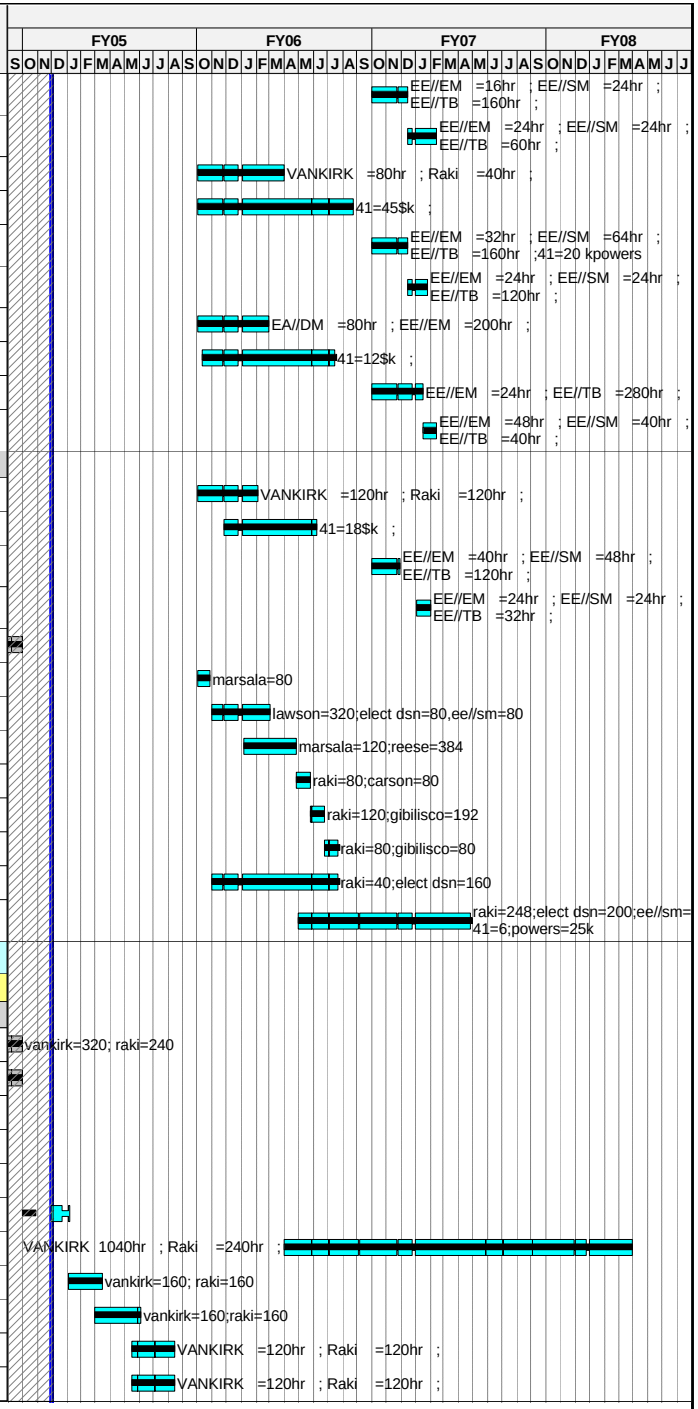
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
444-2-6	DC Potential Transducers (DCPTs)-Install	02OCT06*	51	13DEC06	13DEC06	670		0.00	19,122.48	
444-2-8	DC Potential Transducers (DCPTs)-Commission	14DEC06	40	15FEB07	15FEB07	670		0.00	12,112.68	
444-3-2	DC Shunts-Dsn	03OCT05*	122	31MAR06	31MAR06	813		0.00	15,143.20	
444-3-4	DC Shunts-Procure	03OCT05*	224	24AUG06	25AUG06	742		0.00	58,050.00	
444-3-6	DC Shunts-Install	02OCT06*	51	13DEC06	13DEC06	686		0.00	53,251.68	
444-3-8	DC Shunts-Commission	14DEC06*	24	24JAN07	24JAN07	686		0.00	17,150.88	
444-4-2	Signal Conditioning & Cabling-Dsn	03OCT05*	99	28FEB06	28FEB06	821		0.00	41,565.60	
444-4-4	Signal Conditioning & Cabling-Procure	13OCT05*	188	17JUL06	18JUL06	705		0.00	15,480.00	
444-4-6	Signal Conditioning & Cabling-Install	02OCT06*	68	15JAN07	15JAN07	671		0.00	27,673.20	
444-4-8	Signal Conditioning & Cabling-Commission	16JAN07	22	14FEB07	14FEB07	671		0.00	16,536.80	
445 - Coil Protection Systems										
445-1-2	Ground Fault Protection-Dsn	03OCT05*	82	03FEB06	03FEB06	364		0.00	32,623.20	
445-1-4	Ground Fault Protection-Procure	28NOV05*	130	06JUN06	06JUN06	278		0.00	23,220.00	
445-1-6	Ground Fault Protection-Install	02OCT06*	40	28NOV06	28NOV06	197		0.00	22,838.16	
445-1-8	Ground Fault Protection-Commission	04JAN07	20	31JAN07	31JAN07	197		0.00	9,761.52	
445-2-0	Overload Protection & Cabling-Prelim Dsn	01MAR04A	272	30SEP04A	30SEP04A			1,054.90	1,054.90	
445-2-105	Overload Protect-Write spec and approve	03OCT05*	20	28OCT05	28OCT05	810		0.00	13,211.20	
445-2-110	Overload Protect-Design	31OCT05*	80	01MAR06	01MAR06	910		0.00	70,629.60	
445-2-115	Overload Protect-Fabr 4 chassis 120 modls	06JAN06*	79	26APR06	26APR06	810		0.00	64,203.36	
445-2-120	Overload Protect-Test 4 units	27APR06	20	24MAY06	24MAY06	810		0.00	22,458.40	
445-2-125	Overload Protect-Install & Rack wiring	25MAY06	20	22JUN06	22JUN06	810		0.00	42,010.08	
445-2-130	Overload Protect-Write & perform ISTP	23JUN06	20	21JUL06	24JUL06	810		0.00	22,458.40	
445-2-135	Overload Protect-Documentation	31OCT05	180	21JUL06	24JUL06	810		0.00	23,680.80	
445-2-140	Overload Protection&cabling design,procure instl	01MAY06*	249	27APR07	30APR07	619		0.00	137,740.28	
45 - Power System Design and Integration										
Job: 4501 - Power Sys Dsn & Integr-RAMAKRISHNAN										
451 - System Design & Interfaces										
4501-100	Design Drawings	02FEB04A	193*	30SEP04A	30SEP04A		100	23,941.30	23,941.30	
4501-110	Calculations-FY04	01MAR04A	151*	30SEP04A	30SEP04A		100	0.00	0.00	
451-0-1	C-Site Decision	30APR04A	0	30APR04A	30APR04A		100	0.00	0.00	
451-7-2	FDR DC transmission-Dsn	01MAY04A	0*	28MAY04A	28MAY04A		100	10,236.00	10,236.00	
451-7-20	FDR DC transmission		0	28MAY04A	28MAY04A		100	0.00	0.00	
451-0-2	Develop SRD	01DEC04*	21	07JAN05	29OCT04	1,197		0.00	0.00	
451-3-2	Dwgs,asbuilts -Elect Dsn	03APR06*	499*	31MAR08	31MAR08	389		0.00	157,565.56	
451-2-1	CDR Power system -Dsn	04JAN05*	51*	15MAR05	15MAR05	1,150		0.00	42,654.40	
451-2-2	PDR Power system -Dsn	01MAR05*	69*	06JUN05	06JUN05	1,092		0.00	42,654.40	
451-2-2.1	FDR C-Site	16MAY05*	64*	15AUG05	15AUG05	1,043		0.00	31,990.80	
451-6-2	FDR C-Site -Cabling	16MAY05*	64*	15AUG05	15AUG05	1,043		0.00	31,990.80	



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December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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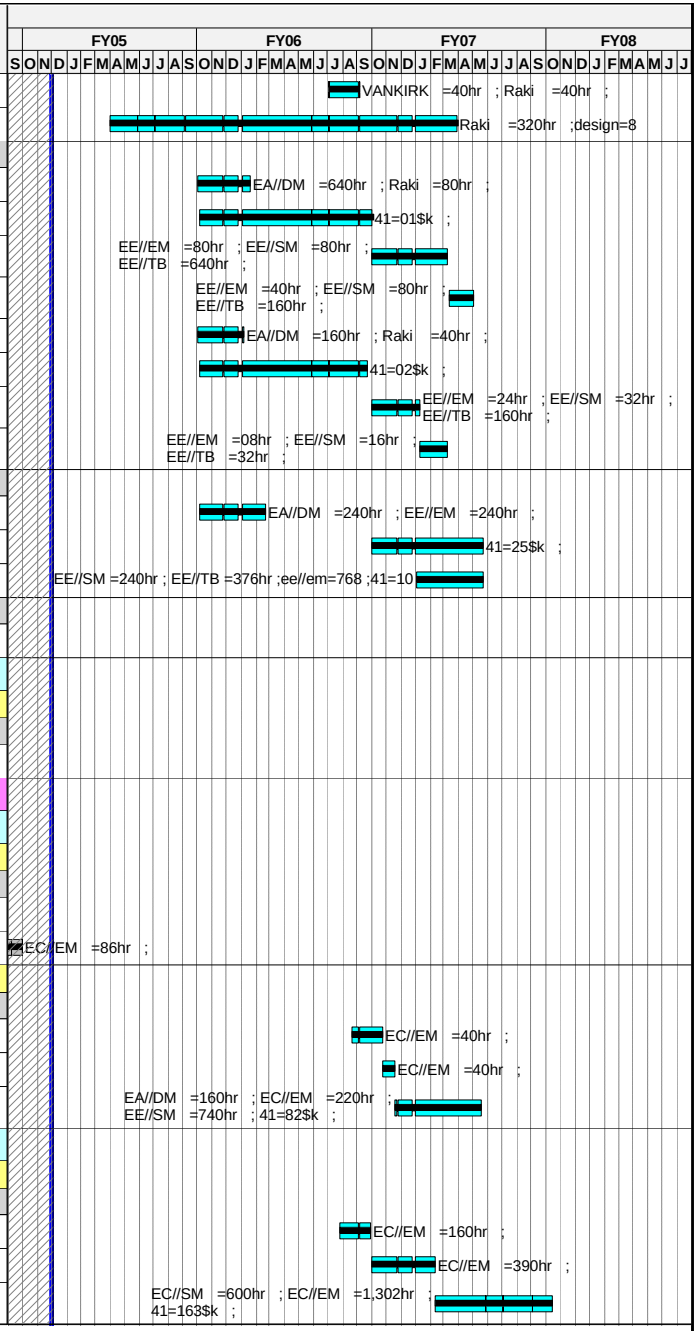
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
451-4-2	FDR AC auxiliaries & grounding-Dsn	03JUL06*	45	05SEP06	06SEP06	779		0.00	10,874.40	
451-1-2	Calculations-Dsn	01APR05*	498	29MAR07	30MAR07	640		0.00	54,083.71	
452 - Electrical Systems Support										
452-1-2	Diagnostics AC Power Distr-Dsn	03OCT05*	72*	20JAN06	20JAN06	335		0.00	81,512.00	
452-1-4	Diagnostics AC Power Distr-Procure	05OCT05*	248	02OCT06	03OCT06	262		0.00	1,290.14	
452-1-6	Diagnostics AC Power Distr-Install	02OCT06*	105	07MAR07	07MAR07	158		0.00	77,322.40	
452-1-8	Diagnostics AC Power Distr-Commission	13MAR07*	37	02MAY07	02MAY07	158		0.00	30,080.80	
452-2-2	Diagnostics sensor cabling-Dsn	03OCT05*	61*	05JAN06	05JAN06	386		0.00	23,680.80	
452-2-4	Diagnostics sensor cabling-Procure	05OCT05*	240	20SEP06	21SEP06	270		0.00	2,580.00	
452-2-6	Diagnostics sensor cabling-Install	02OCT06*	65	10JAN07	10JAN07	198		0.00	21,480.64	
452-2-8	Diagnostics sensor cabling-Commission	11JAN07*	40	07MAR07	07MAR07	198		0.00	6,016.16	
453 - System Testing (PTP's)										
453-1-2	New Procedures	06OCT05*	90	20FEB06	20FEB06	303		0.00	65,246.40	
453-1-4	Preop Testing-Procure test equipt	02OCT06*	160	23MAY07	23MAY07	147		0.00	33,125.00	
453-1-8	Testing PTPs, ISTPs	04JAN07*	100	23MAY07	23MAY07	147		0.00	207,122.72	
0000										
4501-001	Apr-Sept MIE Cost	01APR03A	43*	30SEP03A	30SEP03A		100	112,340.00	112,340.00	
46 - FCPC Building Modifications										
Job: 4601 - FCPC Bldg Mods-RAMAKRISHNAN										
0000										
4601-001	Apr-Sept MIE Cost	01APR03A	43*	30SEP03A	30SEP03A		100	1,300.00	1,300.00	
5 - Central I&C Systems										
51 - TCP/IP Infrastructure Systems										
Job: 5801 -Central I&C Integr & Oversight-OLIARO										
51-00	FY03	01APR03A	250*	30SEP03A	30SEP03A		LOE	11,900.00	11,900.00	
51-01	FY04 LOE support	01OCT03A	250*	30SEP04A	30SEP04A		LOE	12,358.20	12,358.20	
51-10	Preliminary Design (Title I)	21AUG06*	45	23OCT06	23OCT06	214		0.00	6,212.12	
51-20	Final Network Design (Title II)	24OCT06	20	20NOV06	20NOV06	214		0.00	6,408.80	
51-30	Installation, Testing, Documentation (Title III)	21NOV06*	120	17MAY07	17MAY07	214		0.00	252,039.30	
52 - Central Instrumentation & Control										
52-10	Preliminary Design (Title I)	28JUL06*	45	29SEP06	29SEP06	110		0.00	24,414.40	
52-20	Final Design (Title II)	02OCT06	87	09FEB07	09FEB07	110		0.00	62,485.80	
52-30	Installation, Testing, Documentation (Title III)	12FEB07*	173	15OCT07	15OCT07	110		0.00	483,884.73	



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December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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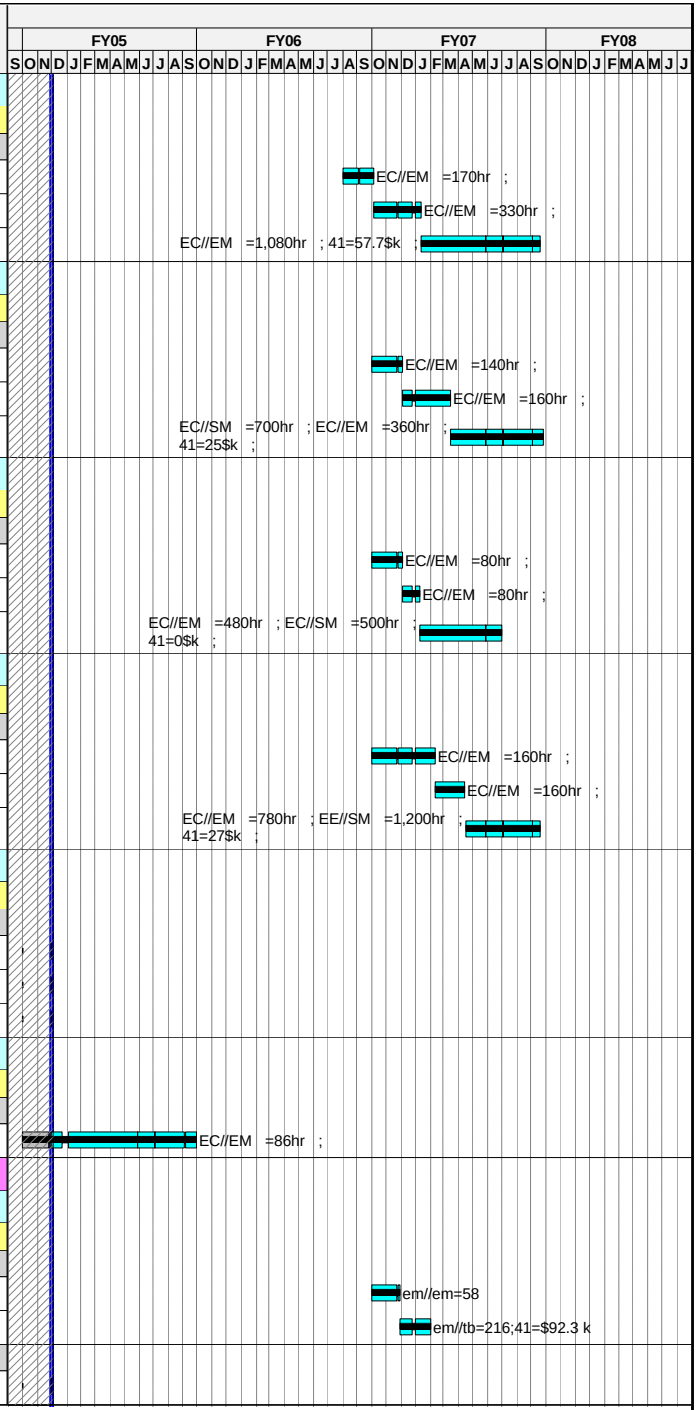
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
53 - Data Acquisition & Facility Computing										
53-10	Preliminary Design (Title I)	01AUG06*	45	03OCT06	03OCT06	130		0.00	25,997.95	
53-20	Final Design (Title II)	04OCT06	65	12JAN07	12JAN07	130		0.00	52,872.60	
53-30	Coding, Configuration, Testing (Title III)	15JAN07	173	17SEP07	17SEP07	130		0.00	249,490.10	
54 - Facility Timing & Synchronization										
54-10	Preliminary Design (Title I)	02OCT06*	45	05DEC06	05DEC06	125		0.00	22,430.80	
54-20	Final Design (Title II)	06DEC06	65	14MAR07	14MAR07	125		0.00	25,635.20	
54-30	Installation, Testing, Documentation (Title III)	15MAR07	135	24SEP07	24SEP07	125		0.00	158,726.20	
55 - Real Time Plasma & Power Supply Control Sys										
55-10	Preliminary Design (Title I)	02OCT06*	45	05DEC06	05DEC06	185		0.00	12,817.60	
55-20	Final Design (Title II)	06DEC06	20	10JAN07	10JAN07	185		0.00	12,817.60	
55-30	Installation, Testing, Documentation (Title III)	11JAN07	120	28JUN07	28JUN07	185		0.00	125,610.60	
56 - Central Safety Interlock Systems										
56-10	Preliminary Design (Title I)	02OCT06*	87	09FEB07	09FEB07	130		0.00	25,635.20	
56-20	Final Design (Title II)	12FEB07	45	13APR07	13APR07	130		0.00	25,635.20	
56-30	Installation, Testing, Documentation (Title III)	16APR07	108	17SEP07	17SEP07	130		0.00	306,390.60	
57 - Control Room Facility										
57-10	Preliminary Design (Title I)	01DEC04	0	30NOV04	30SEP04	1,218		0.00	0.00	
57-20	Final Design (Title II)	01DEC04	0	30NOV04	30SEP04	1,218		0.00	0.00	
57-30	Installation, Testing, Documentation (Title III)	01DEC04	0	30NOV04	30SEP04	1,218		0.00	0.00	
58 - Central I&C management and Integration										
Job: 5801 -Central I&C Integr & Oversight-OLIARO										
51-02	FY05 LOE support	01OCT04A	249*	30SEP05	30SEP05	1,010	LOE	2,128.50	12,900.00	
6 - Facility Systems										
61 - Water Systems										
611 - C-Site Cooling System										
615.011	Engr recommissioning of C-Site Water systems	02OCT06*	40	28NOV06	28NOV06	218		0.00	10,401.72	
615.021	Replace valves, resins, filters	29NOV06	40	31JAN07	31JAN07	218		0.00	140,696.38	
612 - NB Water Cooling Systems										
622.001	**not req'd for CD-4** ECP 16	01DEC04	0	30NOV04	30SEP04	1,218		0.00	0.00	



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December 1st Forecast
xECP18 Baseline
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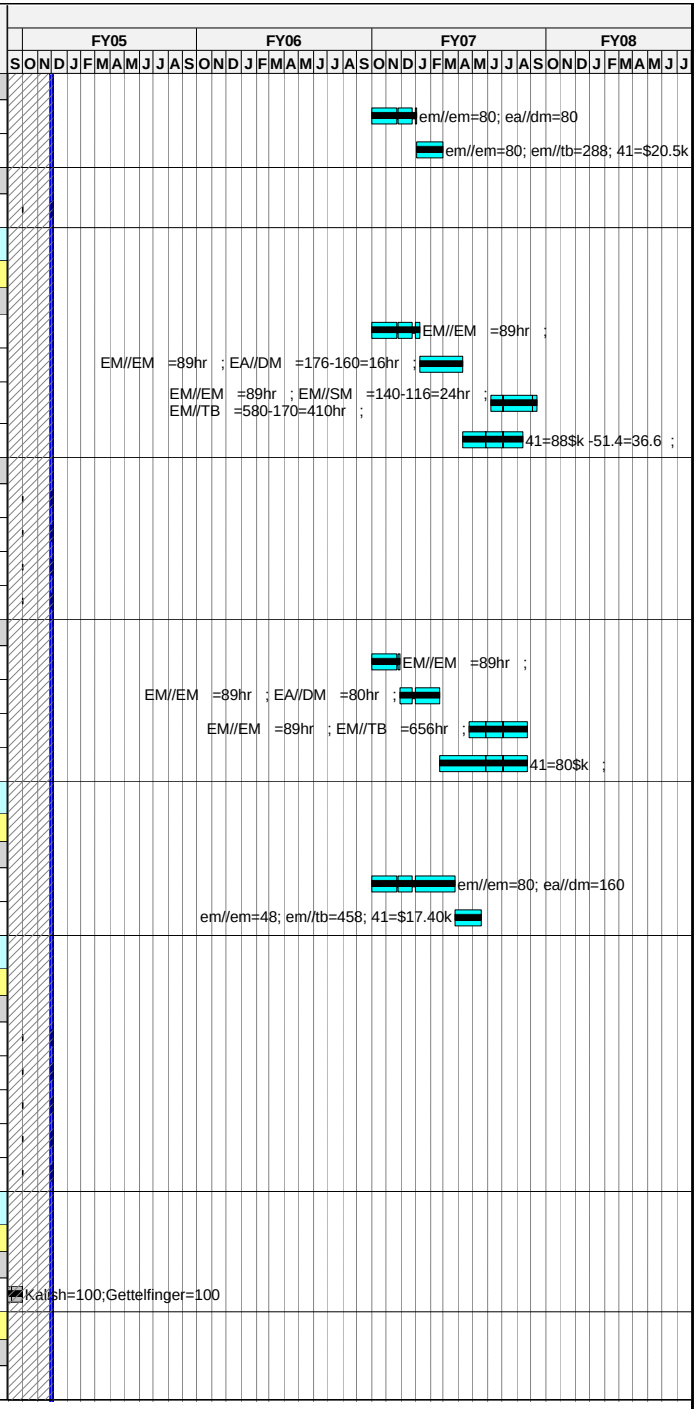
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
613 - Vacuum Pumping System										
623.011	Design WBS 612	**02OCT06***	*59*	**02JAN07**	*02JAN07*	***199***		***0.00***	23,312.00	
632.021	WBS 612 Assembly/Fabrication/Installation	**03JAN07***	*40*	**27FEB07**	*27FEB07*	***199***		***0.00***	66,041.54	
614 - Bakeout Water System										
625.001	*not req'd for CD-4** ECP 16	**01DEC04**	*0*	**30NOV04**	*30SEP04*	***1,218***		***0.00***	0.00	
62 - Cryogenic Systems										
621 - LN2-LHe Supply System										
631-001	Preliminary Design	**02OCT06***	*65*	**10JAN07**	*10JAN07*	***135***		***0.00***	15,961.26	
631-010	Final Design**reduced scope	**11JAN07**	*65*	**11APR07**	*11APR07*	***135***		***0.00***	17,754.22	
631-015	Fab/Assy/Installation**reduced scope	**08JUN07***	*65*	**10SEP07**	*10SEP07*	***135***		***0.00***	71,144.16	
631-020	Procurement **reduced scope	**12APR07***	*88*	**15AUG07**	*15AUG07*	***135***		***0.00***	116,070.00	
622 - LN2 Coil Cooling Supply										
632-001	Preliminary Design**deleted scope	**01DEC04**	*0*	**30NOV04**	*30SEP04*	***1,218***		***0.00***	0.00	
632-010	Final Design**deleted scope	**01DEC04**	*0*	**30NOV04**	*30SEP04*	***1,218***		***0.00***	0.00	
632-015	Fab/Assy/Installation**deleted scope	**01DEC04**	*0*	**30NOV04**	*30SEP04*	***1,218***		***0.00***	0.00	
632-020	Procurement**deleted scope	**01DEC04**	*0*	**30NOV04**	*30SEP04*	***1,218***		***0.00***	0.00	
623 - GN2 Cryostat Cooling System										
633-001	Preliminary Design	**02OCT06***	*40*	**28NOV06**	*28NOV06*	***145***		***0.00***	15,961.26	
633-010	Final Design	**29NOV06**	*55*	**21FEB07**	*21FEB07*	***145***		***0.00***	24,926.06	
633-015	Fab/Assy/Installation	**23APR07***	*88*	**24AUG07**	*24AUG07*	***145***		***0.00***	71,839.34	
633-020	Procurement	**22FEB07***	*130*	**24AUG07**	*24AUG07*	***145***		***0.00***	105,933.75	
63 - Utility Systems										
640.011	Design GN2, Air & Vent Systems	**02OCT06***	*117*	**23MAR07**	*23MAR07*	***150***		***0.00***	32,276.80	
640.021	Assembly/Fabrication	**26MAR07***	*40*	**18MAY07**	*18MAY07*	***150***		***0.00***	71,205.76	
64 - PFC/VV Heating & Cooling*ELIMINATED*										
650.001	Preliminary Design	**01DEC04**	*0*	**30NOV04**	*30SEP04*	***1,218***		***0.00***	0.00	
650.005	Final Design	**01DEC04**	*0*	**30NOV04**	*30SEP04*	***1,218***		***0.00***	0.00	
650.010	Lab Fab/Assy/Installation/Test	**01DEC04**	*0*	**30NOV04**	*30SEP04*	***1,218***		***0.00***	0.00	
650.012	Procured Hardware/Material	**01DEC04**	*0*	**30NOV04**	*30SEP04*	***1,218***		***0.00***	0.00	
650.015	Procured Installation/Assy	**01DEC04**	*0*	**30NOV04**	*30SEP04*	***1,218***		***0.00***	0.00	
65 - Facility Systems Integration										
Job: 6163 - Facility Systems Support FY04										
65-03	LOE WBS 6	**01OCT03A**	*250**	**30SEP04A**	*30SEP04A*		***LOE***	***32,220.00***	32,220.00	
Job: 6501 - Facility Systems Integration-DUDEK										
0000										
6501-001	Apr-Sept MIE Cost PPPL	**01APR03A**	*0*	**30SEP03A**	*30SEP03A*		***100***	***9,380.00***	9,380.00	



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December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

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NCSX
ECP 18
December 1 Status

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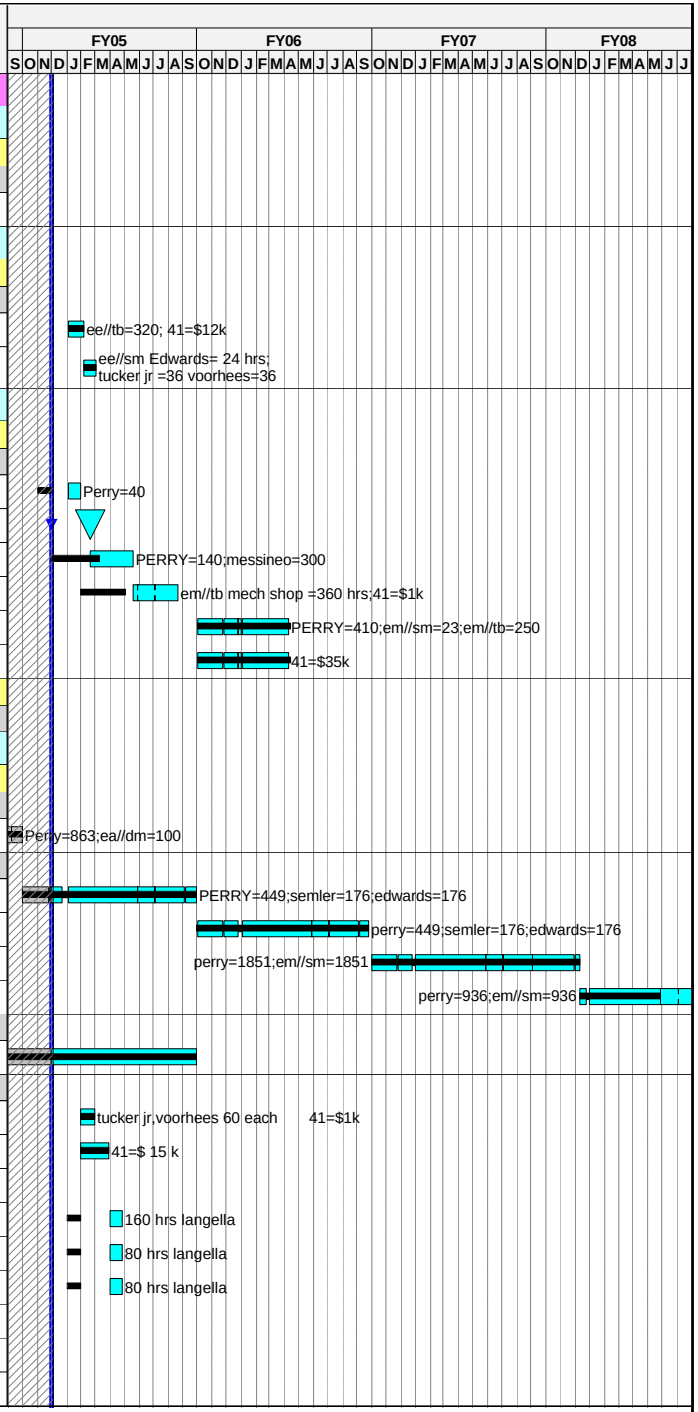
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
7 - Test Cell Preparation and Machine Assy										
71 - Shield Wall Seismic Modifications										
Job: 7101 - Shield Wall Modif Design-PERRY										
0000										
7101-000	Apr-Sept MIE Cost PPPL	01APR03A	66	30SEP03A	30SEP03A		100	32,150.00	32,150.00	
72 - Control Room Refurbishment										
Job: 7201 - Control Room Walls&Floors-PERRY										
710.001	Block Wall east side control room	04JAN05*	24	04FEB05	04FEB05	1,159		0.00	41,762.40	
711B.050	Complete Control Room Flooring	07FEB05	18	02MAR05	02MAR05	1,159	85	0.00	8,447.76	
73 - Platform Design & Fabrication										
Job: 7301 - Platform Design & Fab-PERRY										
712.008	Update Platform Specification	04JAN05*	20	31JAN05	30NOV04	1,051		0.00	6,699.60	
712.009	Platform PDR		0	17FEB05*	30NOV04*	1,038		0.00	0.00	
712.010	Final Design	18FEB05	65	19MAY05	09MAR05	1,057		0.00	54,843.60	
711A.040	Platform nut plates	20MAY05*	65	22AUG05	02MAY05	1,038	75	0.00	30,027.00	
712.020	Platform Parts	03OCT05*	132	10APR06	14APR06	317		0.00	24,541.00	
712.030	Miscs Hardware/Material	03OCT05*	132	10APR06	14APR06	317		0.00	45,150.00	
Job: 7401 - TC Prep & Mach Assy Planning-PERRY										
74 - Machine Assembly Planning and Oversight										
Job: 7401 - TC Prep & Mach Assy Planning-PERRY										
Oversight and Supervision										
711A.020	LOE FY04	01OCT03A	256*	30SEP04A	30SEP04A		LOE	149,894.50	149,894.50	
Project Scope										
714.010	LOE FY05	01OCT04A	249*	30SEP05	29SEP05	284	LOE	18,860.60	114,306.69	
714.020	LOE FY06 prior to assy starting	03OCT05	246	26SEP06	26SEP06	284		0.00	116,569.04	
714.030	LOE FY07 thru first plasma	02OCT06*	300	12DEC07	12DEC07	281		0.00	550,917.49	
714.031	WBS 7 mgt stretch out cost	13DEC07	180	02SEP08	28MAY08	281		0.00	286,369.20	
+ FED/Infrastructure Support (non Project cost)										
		01OCT02A	770	30SEP05	30SEP05	1,028		0.00	0.00	
Test Cell Modifications & Upgrades										
613.030	Test Cell copper ground plane cuts	01FEB05*	20	28FEB05	28FEB05	1,180		0.00	10,935.00	
713.010	General procurements	01FEB05*	40	28MAR05	28MAR05	1,160		0.00	20,835.00	
7502-000	Outlet Design	02FEB04A	107*	30JUN04A	30JUN04A		100	25,272.00	25,272.00	
7502-001	Test Cell 110v outlets	01APR05*	20	28APR05	28JAN05	1,118		0.00	17,414.40	
7502-002	Test Cell 208v outlets	01APR05*	20	28APR05	28JAN05	1,118		0.00	8,707.20	
7502-010	Ready Rooms (under control room) 110v outlets	01APR05*	20	28APR05	28JAN05	992		0.00	8,707.20	
7502-011	Cable Removal in test cell (S04335-32)	01OCT03A	0*	31OCT03A	31OCT03A		100	9,937.20	9,937.20	
7502-025	TC Floor penetration covers	03NOV03A	42	26NOV03A	26NOV03A		100	16,848.00	16,848.00	
EXFAC001.2	Complete Crane Modifications (S04354)	02FEB04A	0*	30JAN04A	30JAN04A		100	37,608.48	37,608.48	



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December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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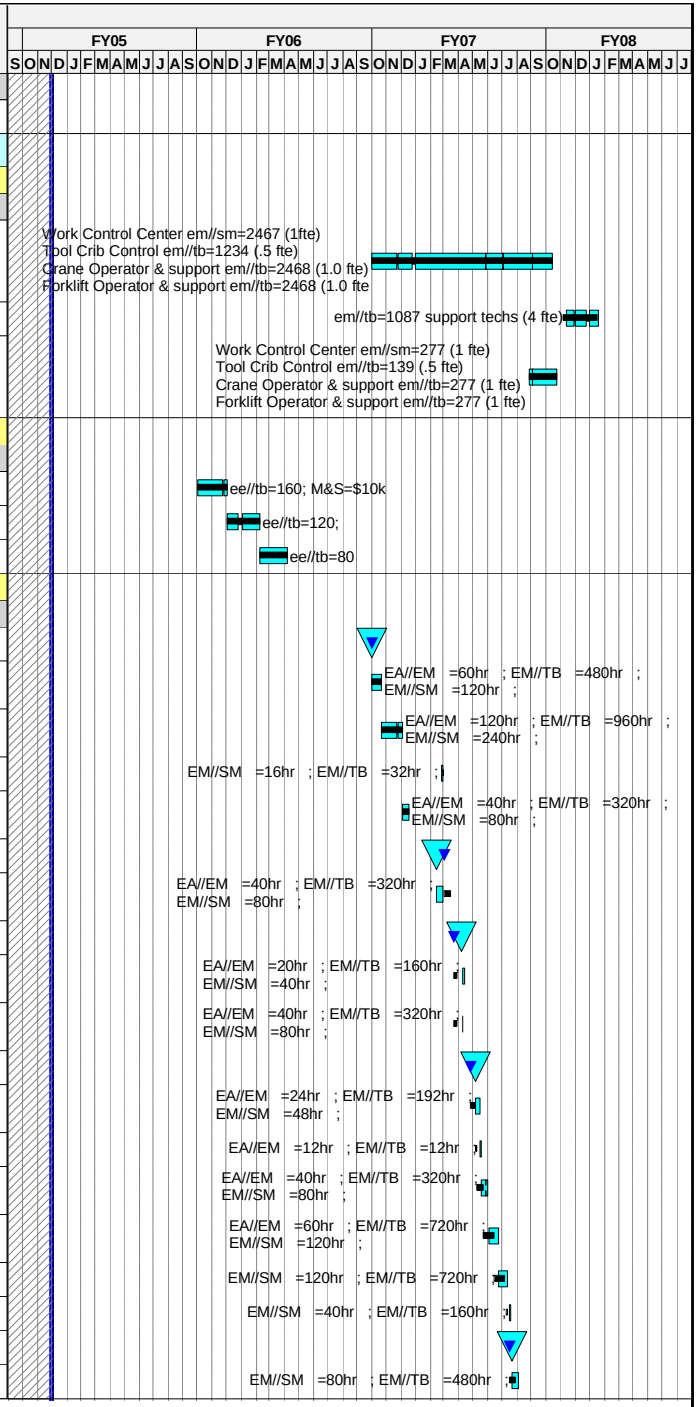
0000										
7401-001	Apr-Sept MIE Cost PPPL	**01APR03A**	*66*	**30SEP03A**	*30SEP03A*		***100***	***131,680.00***	131,680.00	
75 - Test Cell and Basement Assembly Operations										
7501 - Construction Support Crew										
7501-05	Construction Support Crew during machine assy	**02OCT06***	*260*	**15OCT07**	*15OCT07*	***110***		***0.00***	814,222.14	
7501-06	Construction Support Crew during e-beam mapping	**13NOV07***	*41*	**18JAN08**	*15JAN08*	***440***		***0.00***	95,732.09	
7501-07	Construction Support Crew during cryostat instl	**28AUG07***	*40*	**23OCT07**	*23OCT07*	***495***		***0.00***	92,672.39	
7502 - Test Cell Facility Preparations										
7502-020	Resurface TC floor	**03OCT05***	*42*	**01DEC05**	*01DEC05*	***884***		***0.00***	30,660.00	
7502-030	TC Floor firesealing	**02DEC05**	*42*	**07FEB06**	*07FEB06*	***884***		***0.00***	13,320.00	
7502-035	Control room firesealing	**08FEB06**	*42*	**06APR06**	*06APR06*	***884***		***0.00***	8,880.00	
7503 - Machine Assembly										
Revised Assembly Logic (ecp18)										
7503-010	Begin Assembly Activities	**02OCT06***	*0*			***195***		***0.00***	0.00	
7503-020	Install & Level Support Base Plates	**02OCT06**	*15*	**20OCT06**	*20OCT06*	***195***		***0.00***	65,659.20	
7503-030	Install/Level FPA's and Spool Piece supports	**23OCT06**	*30*	**05DEC06**	*05DEC06*	***195***		***0.00***	131,318.40	
7503-060	Install Lower PF 4,5&6 into prelim position	**26FEB07**	*2*	**27FEB07**	*28FEB07*	***152***		***0.00***	4,590.56	
7503-070	Install 3 Spool Pieces on fixt & test movement	**06DEC06**	*10*	**19DEC06**	*19DEC06*	***195***		***0.00***	43,772.80	
7503-080	FPA-1 Installed on support platform		*0*	**13FEB07**	*01MAR07*	***157***		***0.00***	0.00	
7503-090	Install local Platforms around FPA-1	**14FEB07**	*10*	**27FEB07**	*15MAR07*	***158***		***0.00***	43,772.80	
7503-110	FPA-2 Installed on support platform		*0*	**06APR07**	*22MAR07*	***119***		***0.00***	0.00	
7503-120	Test movement of FPA-1& -2 & position checks.	**09APR07**	*5*	**13APR07**	*29MAR07*	***119***		***0.00***	21,886.40	
7503-130	Install local Platforms around FPA-2	**09APR07**	*3*	**11APR07**	*27MAR07*	***127***		***0.00***	43,772.80	
7503-150	FPA-3 Installed on support platform		*0*	**04MAY07**	*26APR07*	***104***		***0.00***	0.00	
7503-160	Position all FPA's / Spool Pieces @ MC Interface	**07MAY07**	*6*	**14MAY07**	*04MAY07*	***104***		***0.00***	26,263.68	
7503-170	FPA Metrology Checks to Assure Alignment	**15MAY07**	*3*	**17MAY07**	*09MAY07*	***104***		***0.00***	3,179.52	
7503-190	Install local Platforms around FPA-3	**18MAY07**	*10*	**01JUN07**	*23MAY07*	***104***		***0.00***	43,772.80	
7503-180	MC Interfaces: shim, ream holes ,bolt together	**04JUN07**	*15*	**22JUN07**	*14JUN07*	***104***		***0.00***	86,102.40	
7503-200	Mate-up and weld all VV-to-Spool interfaces	**25JUN07**	*15*	**13JUL07**	*06JUL07*	***104***		***0.00***	75,315.60	
7503-240	Bolt on preassembled pump duct	**16JUL07**	*5*	**20JUL07**	*13JUL07*	***104***		***0.00***	18,290.80	
7503-250	Begin Vac Vsl Pumpdown	**23JUL07**	*0*			***111***		***0.00***	0.00	
7503-260	PTP Pumpdown & leak check VV	**23JUL07**	*10*	**03AUG07**	*27JUL07*	***111***		***0.00***	50,210.40	



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December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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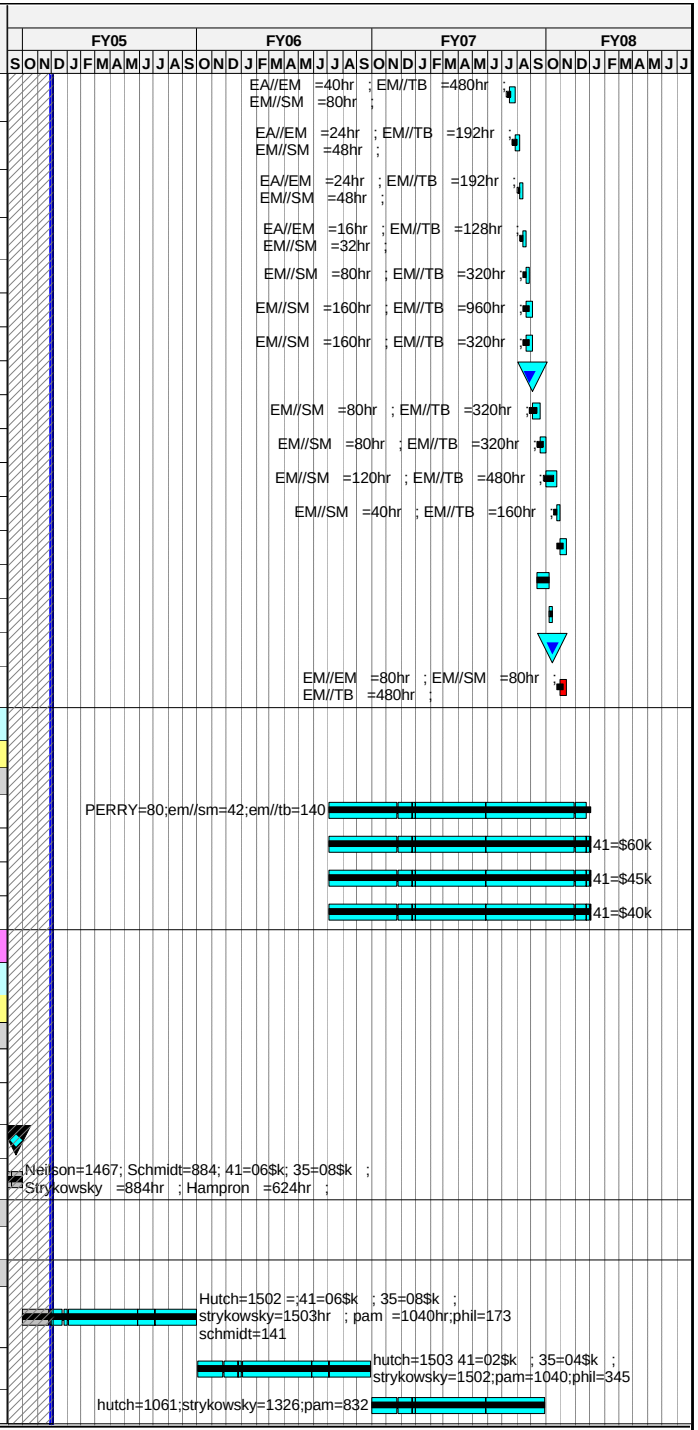
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
7503-210	Fit-up all TF coils	16JUL07	10	27JUL07	20JUL07	104		0.00	57,401.60	
7503-270	Raise lower PF 4,5&6 coils into final position	30JUL07	6	06AUG07	30JUL07	104		0.00	26,263.68	
7503-280	Install Upper PF 4,5 & 6 coils	07AUG07	6	14AUG07	07AUG07	104		0.00	26,263.68	
7503-290	Install PF Solenoid into position (U/L PF1,2,3)	15AUG07	4	20AUG07	13AUG07	104		0.00	17,509.12	
7503-310	Complete LN2 connections **2 SHIFT**	21AUG07	5	27AUG07	20AUG07	109		0.00	36,581.60	
7503-320	Complete Elect Pwr connections **2 SHIFT**	21AUG07	10	03SEP07	27AUG07	104		0.00	100,420.80	
7503-321	Complete mag diag & machine I&C **2 SHIFT**	21AUG07	10	03SEP07	27AUG07	104		0.00	45,905.60	
7503-330	Begin Cryostat Installation	04SEP07	0			104		0.00	0.00	
7503-340	Install Cryostat Base, vapor barrie& port boots	04SEP07	10	17SEP07	11SEP07	104		0.00	36,581.60	
7503-350	Install Cryostat upper section,VB and port boots	18SEP07	10	01OCT07	25SEP07	104		0.00	36,705.76	
7503-360	Install Midplane Cryostat sections and port boot	02OCT07	15	22OCT07	16OCT07	104		0.00	56,734.80	
7503-370	Install Cryostat Circulation Duct	23OCT07	5	29OCT07	23OCT07	104		0.00	18,911.60	
730.8200Z	PTP and Cooldown (dup of 730.8200)	30OCT07	10	12NOV07	06NOV07	481		0.00	0.00	
730.1248	ACC Review	11SEP07	20	08OCT07	08OCT07	110		0.00	0.00	
730.1249	PSO Operational Readiness Assessment	09OCT07	5	15OCT07	15OCT07	110		0.00	0.00	
730.1250	PSO Operational Readiness Assessment		0	15OCT07	15OCT07	110		0.00	0.00	
730.8200	PTP and Cooldown	30OCT07	10	12NOV07	06NOV07	100		0.00	66,749.60	
76 - Tooling Design & Fabrication										
Job: 7601 - Tooling Design & Fabrication										
713.020	Lab Fab/Assy/Installation	05JUL06*	377	24DEC07	02JAN08	454		0.00	31,085.11	
713.030	Tooling,assy fixtures,misc equipt	05JUL06*	383	03JAN08	02JAN08	454		0.00	79,429.50	
713.040	General procurements	05JUL06*	383	03JAN08	02JAN08	454		0.00	59,572.13	
713.050	Welding tools, materials & equipt	05JUL06*	383	03JAN08	02JAN08	454		0.00	52,953.00	
8 - Project Oversight and Support										
81 - Project Management and Control										
Job: 8101 - Project Management & Control-NEILSON										
FY04 Actual Cost										
M-0110	CD-2		0	03FEB04A	03FEB04A			0.00	0.00	
810.009	PDR Support	01OCT03A	3*	31OCT03A	31OCT03A		100	41,163.08	41,163.08	
M-0115	CD-3		0	16SEP04A	16SEP04A			0.00	0.00	
810.002	Project Management Office PPPL FY04	01OCT03A	256*	30SEP04A	30SEP04A		LOE	689,381.22	689,381.22	
0000										
810.001	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A	30SEP03A		100	387,340.00	387,340.00	
810.003	Project Management Office PPPL FY05	01OCT04A	255*	30SEP05	30SEP05	1,028	LOE	110,733.38	687,785.00	
810.004	Project Management Office PPPL FY06	03OCT05*	254*	29SEP06	29SEP06	774		0.00	644,509.94	
810.005	Project Management OfficePPPL FY07	02OCT06*	255*	28SEP07	28SEP07	519		0.00	513,758.61	



Run Date 14DEC04 14:23

December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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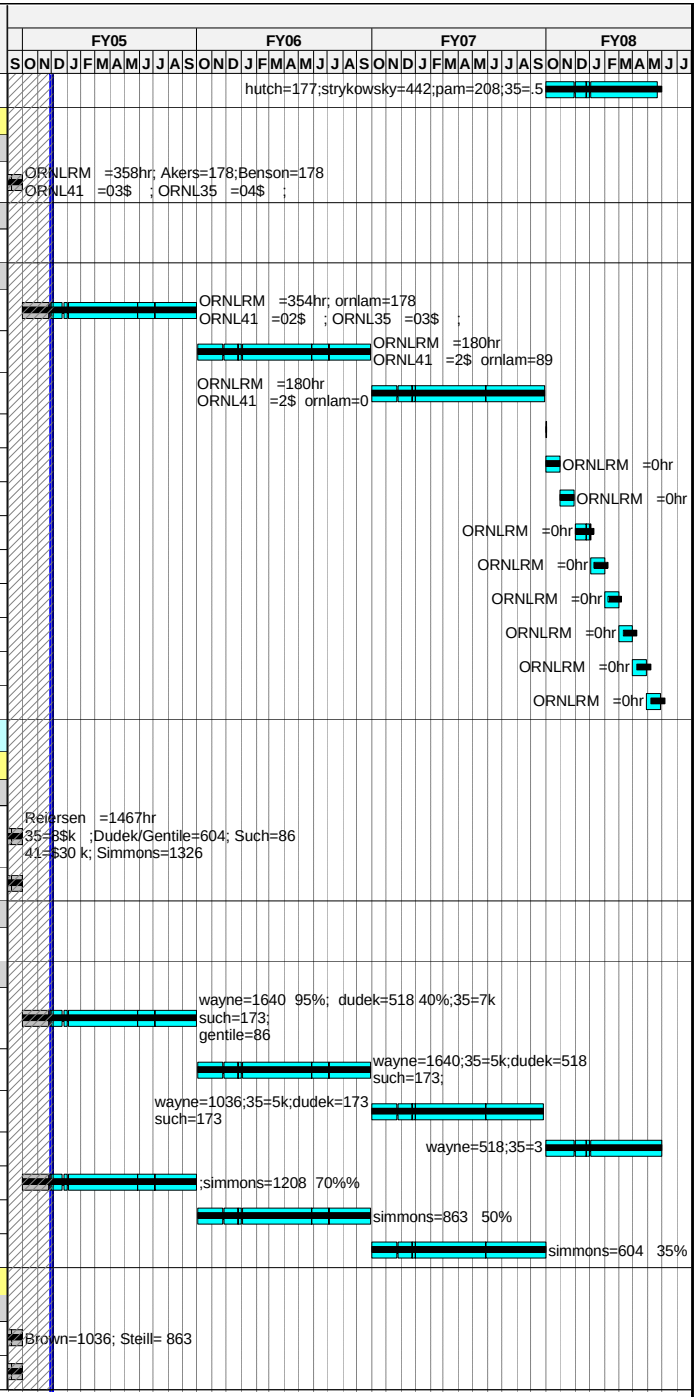
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
810.900	Project Management Office PPPL FY08	01OCT07*	164	21MAY08	29MAY08	355		0.00	126,311.11	
Job: 8102 - NCSX MIE Management ORNL-LYON										
FY04 Actual Cost										
810.102	Project Management Office ORNL FY04	01OCT03A	256*	30SEP04A	30SEP04A		LOE	120,228.22	120,228.22	
0000										
810.101	Apr-Sept MIE Cost ORNL	01APR03A	129*	30SEP03A	30SEP03A		100	58,600.00	58,600.00	
810.103	Project Management Office ORNL FY05	01OCT04A	255*	30SEP05	30SEP05	1,028	LOE	15,401.39	95,660.87	
810.104	Project Management Office ORNL FY06	03OCT05*	254*	29SEP06	29SEP06	519		0.00	49,323.49	
810.104X	Project Management Office ORNL FY06	02OCT06	255*	28SEP07	28SEP07	519		0.00	36,217.36	
810.105	Project Management Office ORNL FY07	01OCT07	0*	28SEP07	28SEP07	519		0.00	0.00	
810.901	Project Management Office ORNL 1 mo SO	02OCT07*	21	30OCT07	30OCT07	350		0.00	0.00	
810.980	Project Management Office ORNL 1 mo SO	31OCT07*	21	28NOV07	28NOV07	350		0.00	0.00	
810.981	Project Management Office ORNL 1 mo SO	03DEC07*	21	02JAN08	09JAN08	350		0.00	0.00	
810.982	Project Management Office ORNL 1 mo SO	03JAN08*	21	31JAN08	07FEB08	350		0.00	0.00	
810.983	Project Management Office ORNL 1 mo SO	01FEB08*	21	29FEB08	07MAR08	350		0.00	0.00	
810.984	Project Management Office ORNL 1 mo SO	03MAR08*	21	31MAR08	07APR08	350		0.00	0.00	
810.985	Project Management Office ORNL 1 mo SO	01APR08*	21	29APR08	06MAY08	350		0.00	0.00	
810.986	Project Management Office ORNL 1 mo SO	30APR08*	21	28MAY08	05JUN08	350		0.00	0.00	
82 - Project Engineering										
Job: 8202 - Engr Mgmt & Sys Eng Support-REIERSEN										
FY04 Actual Cost										
820.002	LOE FY04	01OCT03A	256*	30SEP04A	30SEP04A		LOE	626,751.30	626,751.30	
8202-ECP16	ecp16	01OCT03A	256*	30SEP04A	30SEP04A		LOE	68,000.00	68,000.00	
0000										
820.110	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A	30SEP03A		100	295,530.00	295,530.00	
820.003	Proj engr FY05	01OCT04A	255*	30SEP05	30SEP05	1,028	LOE	69,514.60	431,767.64	
820.004	Proj engr FY06	03OCT05*	254*	29SEP06	29SEP06	774		0.00	392,793.60	
820.004Z	Proj engr FY07	02OCT06*	252*	25SEP07	25SEP07	522		0.00	241,867.20	
820.005	Proj engr FY08	01OCT07*	171*	30MAY08	30MAY08	348		0.00	101,796.02	
8205FY05	System Engr Support FY05	01OCT04A	255*	30SEP05	30SEP05	1,028	LOE	35,791.63	222,308.24	
8205FY06	Systems Engineering Support FY06	03OCT05*	254*	29SEP06	29SEP06	774		0.00	161,959.21	
8205FY07	Systems Engineering Support FY06	02OCT06*	256*	01OCT07	01OCT07	518		0.00	119,024.24	
Job: 8203 - Design Integration-BROWN										
FY04 Actual Cost										
820.200	LOE FY04	01OCT03A	256*	30SEP04A	30SEP04A		LOE	257,272.80	257,272.80	
8203-ECP16	ecp16	01OCT03A	256*	30SEP04A	30SEP04A		LOE	125,000.00	125,000.00	



Run Date 14DEC04 14:23

December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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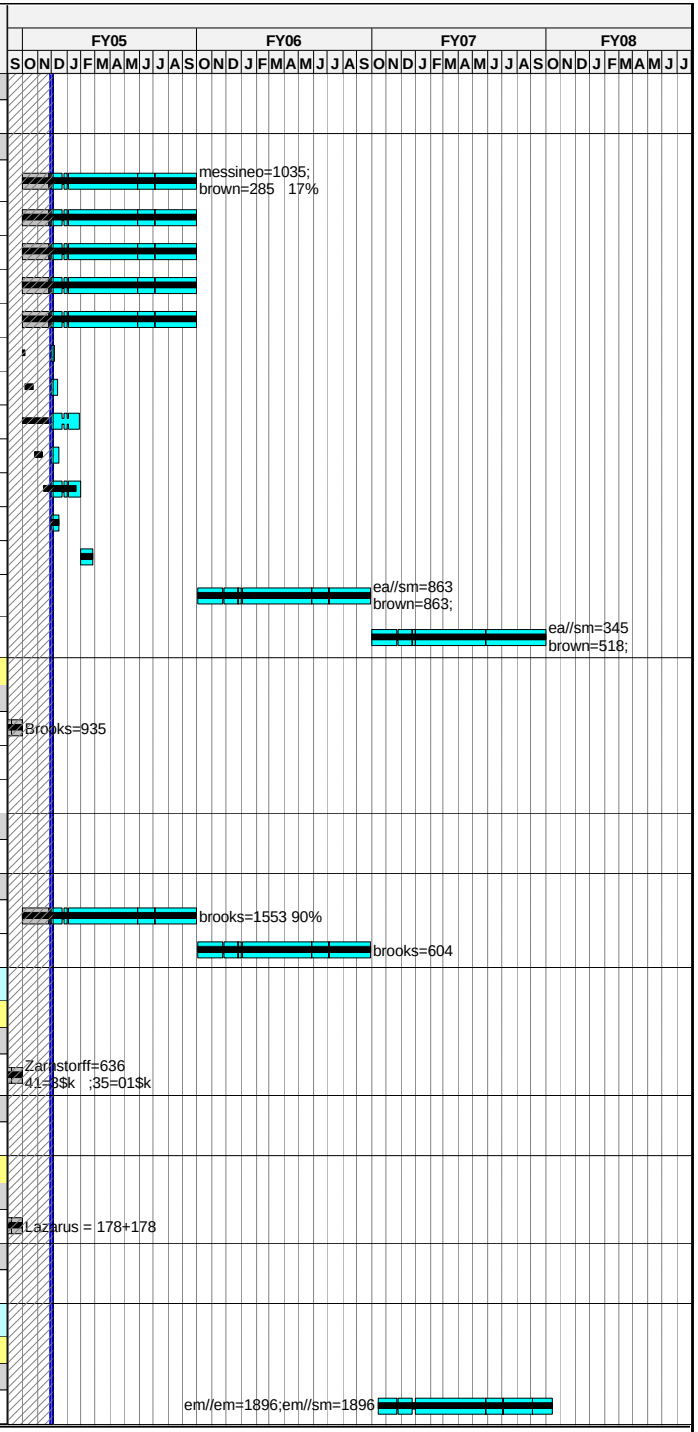
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
0000										
820.150	Apr-Sept MIE Cost PPPL	**01APR03A**	*128**	**30SEP03A**	*30SEP03A*		***100***	***178,750.00***	178,750.00	
8203FY05	Design Integration FY05 LOE	**01OCT04A**	*255**	**30SEP05**	*30SEP05*	***1,028***		***25,141.98***	156,161.40	
8203-01	General Design Integration	**01OCT04A**	*255**	**30SEP05**	*30SEP05*	***1,028***	***LOE***	***0.00***	0.00	
8203-02	Suprt interface aux sys dev&coolant/lead routing	**01OCT04A**	*255**	**30SEP05**	*30SEP05*	***1,028***	***LOE***	***0.00***	0.00	
8203-03	Develop /maintain Pro/E model of NCSX facility	**01OCT04A**	*255**	**30SEP05**	*30SEP05*	***1,028***	***LOE***	***0.00***	0.00	
8203-04	Support metrology efforts	**01OCT04A**	*255**	**30SEP05**	*30SEP05*	***1,028***	***LOE***	***0.00***	0.00	
8203-06	Complt rvw of machine assembly approach	**01DEC04***	*4*	**06DEC04**	*06OCT04*	***1,238***		***0.00***	0.00	
8203-07	Rvw cryostat & conventional magnet sys design	**01DEC04***	*9*	**13DEC04**	*20OCT04*	***1,233***		***0.00***	0.00	
8203-08	tollerance reqmnts for MCsuprt install fixt dwgs	**01DEC04***	*39*	**26JAN05**	*24NOV04*	***1,203***		***0.00***	0.00	
8203-09	Machine suprt dsn f/compatibility with assy reqt	**01DEC04***	*12*	**16DEC04**	*09NOV04*	***1,230***		***0.00***	0.00	
8203-10	Dynamic simul MC half period install fixt w/ Pro	**01DEC04***	*42*	**31JAN05**	*21JAN05*	***1,200***		***0.00***	0.00	
8203-11	Document NCSX Interlink& dwg control process	**01DEC04***	*11*	**15DEC04**	*15DEC04*	***1,231***		***0.00***	0.00	
8203-12	Update definition VV spool piece assy simul	**01FEB05***	*19*	**25FEB05**	*25FEB05*	***1,181***		***0.00***	0.00	
8203FY06	Design Integration FY06	**03OCT05***	*254**	**29SEP06**	*29SEP06*	***774***		***0.00***	239,862.22	
8203FY07	Design Integration FY07	**02OCT06***	*256**	**01OCT07**	*01OCT07*	***518***		***0.00***	131,804.23	
Job: 8204 - Systems Analysis-BROOKS										
FY04 Actual Cost										
820.174	LOE FY04	**01OCT03A**	*172**	**30SEP04A**	*30SEP04A*		***LOE***	***150,254.50***	150,254.50	
8204.01	Assess magnetic material in test cell	**02FEB04A**	*85**	**28MAY04A**	*28MAY04A*		***100***	***38,568.00***	38,568.00	
8204.02	Model effects local high MU regions on MCWF	**01MAY04A**	*29*	**28MAY04A**	*28MAY04A*		***100***	***19,284.00***	19,284.00	
0000										
820.173	Apr-Sept MIE Cost PPPL	**01APR03A**	*128**	**30SEP03A**	*30SEP03A*		***100***	***44,620.00***	44,620.00	
8204FY05	Systems Analysis FY05	**01OCT04A**	*255**	**30SEP05**	*30SEP05*	***1,028***	***LOE***	***41,978.04***	260,733.17	
8204FY06	Systems Analysis FY06	**03OCT05***	*254**	**29SEP06**	*29SEP06*	***774***		***0.00***	103,416.88	
84 - Project Physics										
Job: 8401 - Project Physcis-ZARNSTORFF										
FY04 Actual Cost										
840.202	Project Physics/Engr Analysis FY04	**01OCT03A**	*256**	**30SEP04A**	*30SEP04A*		***LOE***	***99,806.20***	99,806.20	
0000										
840.201	Apr-Sept MIE Cost PPPL	**01APR03A**	*128**	**30SEP03A**	*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**	*30SEP04A*		***LOE***	***61,110.96***	61,110.96	
0000										
840.301	Apr-Sept MIE Cost ORNL	**01APR03A**	*152**	**30SEP03A**	*30SEP03A*		***100***	***40,980.00***	40,980.00	
85 - Integrated Systems Testing										
920.001	Procedure and Document Preparation	**16OCT06***	*250*	**15OCT07**	*15OCT07*	***110***		***0.00***	561,846.69	



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December 1st Forecast
xECP18 Baseline
Progress Bar
Critical Activity

0411

NCSX
ECP 18
December 1 Status

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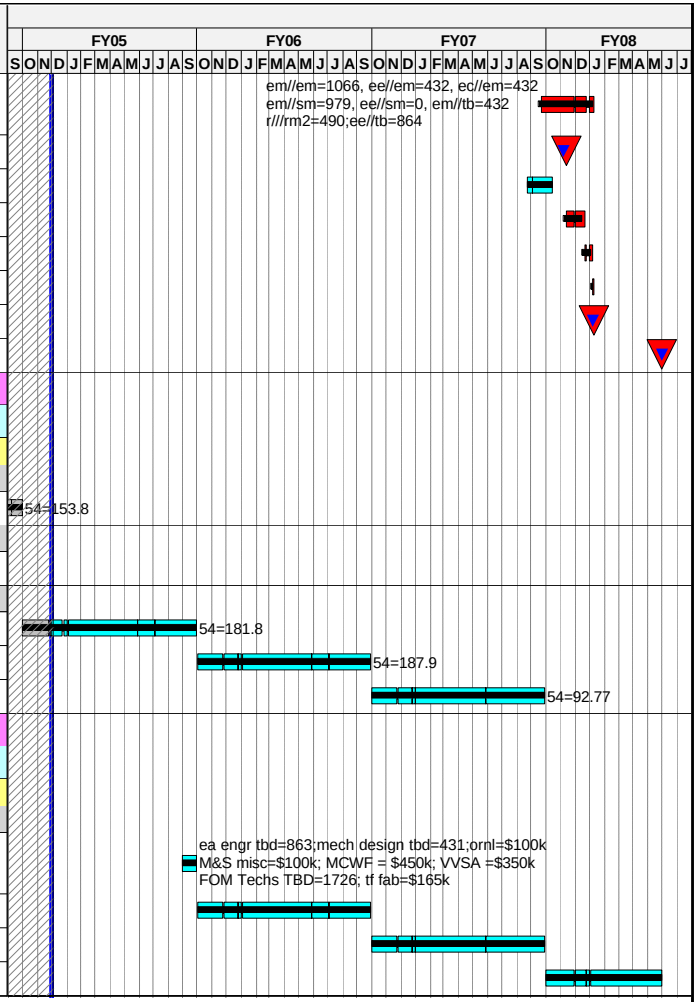
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Baseline ECP 18 Early Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	ETC ADD"L COST
920.000	Startup Personnel	21SEP07	72	10JAN08	07JAN08	100		0.00	660,038.56	
920.004	Begin Start-up Testing	13NOV07	0			100		0.00	0.00	
920.005	Punch list,Cmplt PTP's,Reconfig, Rm temp Hi-pot	23AUG07	37	15OCT07	15OCT07	120		0.00	0.00	
920.010	Field Coil Testsing,FCPC test & E-Beam Mapping	13NOV07	25	19DEC07	13DEC07	100		0.00	0.00	
920.020	Final ISTP	20DEC07	7	07JAN08	02JAN08	100		0.00	0.00	
920.021	Operations Approval	08JAN08	3	10JAN08	07JAN08	100		0.00	0.00	
730.9000	First Plasma		0	10JAN08	07JAN08	100		0.00	0.00	
M-0120	CD-4 First Plasma		0	30MAY08*	30MAY08*	0		0.00	0.00	
Allocations										
PPPL Allocations										
Job: 8998 - Allocations										
FY04 Actual Cost										
99.04	PPPL Allocations FY04	01OCT03A	256*	30SEP04A	30SEP04A		LOE	265,920.20	265,920.20	
0000										
99.03	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A	30SEP03A		100	60,670.00	60,670.00	
99.05	PPPL Allocations FY05	01OCT04A	255*	30SEP05	30SEP05	1,028	LOE	50,607.48	314,332.20	
99.06	PPPL Allocations FY06	03OCT05*	254*	29SEP06	29SEP06	774		0.00	320,745.30	
99.07	PPPL Allocations FY07	02OCT06*	255*	28SEP07	28SEP07	519		0.00	166,893.23	
Contingency										
Contingency										
Contingency-Project										
99.105	Contingency	01SEP05*	21*	29SEP05	29SEP05	1,029		0.00	1,200,001.40	
99.106	Contingency	03OCT05*	254*	29SEP06	29SEP06	774		0.00	2,917,148.73	
99.107	Contingency	02OCT06*	255*	28SEP07	28SEP07	519		0.00	5,431,133.02	
99.108	Contingency	01OCT07*	171*	30MAY08	30MAY08	348		0.00	3,504,602.56	



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December 1st Forecast
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Progress Bar
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ECP 18
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