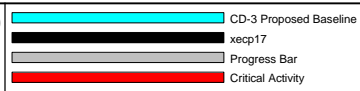


Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	Gantt Chart																			
											FY04				FY05				FY06				FY07				FY08			
											J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J
Final Design Tasks																														
1203-141	Finalize Spec for VVSA	01MAR04A	01MAR04A	87*	30JUN04A	30JUN04A		100	18,067.60	18,067.60	Goranson=40hr;Viola=80																			
1203-151	Update VVSA Drawings incl ECP6 add'l port config	01DEC03A	01DEC03A	149*	30JUN04A	30JUN04A		100	202,403.63	202,403.63	ORNL Design=870hr;Goranson=120 ECP6 = +583 hrs for add'l port config																			
1203-181	Start Thermal Analyses	01NOV03A	01NOV03A	82*	30JAN04A	30JAN04A		100	23,012.76	23,012.76																				
1203-191	Start Eddy Current Analyses	03NOV03A	03NOV03A	87*	30JAN04A	30JAN04A		100	3,536.05	3,536.05																				
1203-202	Start Port Nozzle Analysis	02JAN04A	02JAN04A	63*	30JAN04A	30JAN04A		100	5,142.40	5,142.40																				
1203-233	Check structural analysis	26APR04A	26APR04A	25*	28MAY04A	28MAY04A		100	12,638.08	12,638.08	Titus=80																			
1203-235	Perform Local Thermal Analysis	02FEB04A	02FEB04A	65*	30APR04A	30APR04A		100	15,442.80	15,442.80																				
1203-236	Check Local Thermal Analysis	02FEB04A	02FEB04A	65*	30APR04A	30APR04A		100	15,442.80	15,442.80																				
1203-237	Perform Thermal-Hydraulic Analysis VV htg/clng	02FEB04A	02FEB04A	65*	30APR04A	30APR04A		100	10,295.20	10,295.20																				
1203-238	Check Thermal-Hydraulic Analysis VV htg/clng	02FEB04A	02FEB04A	65*	30APR04A	30APR04A		100	12,856.00	12,856.00																				
1203-240	Check Analysis of VV Supports	26APR04A	26APR04A	25*	28MAY04A	28MAY04A		100	5,147.60	5,147.60	Goranson=40																			
1203-291	Update Design Basis Document	20APR04A	20APR04A	29*	18MAY04A	18MAY04A		100	2,059.04	2,059.04																				
1203-321	Assemble FDR Drawing Package, Check & Promote	03MAY04A	03MAY04A	20*	18MAY04A	18MAY04A		100	4,118.08	4,118.08																				
1203-331	Prepare Presentations	03MAY04A	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	24MAY04A	10	28MAY04A	28MAY04A		100	3,088.56	3,088.56	Goranson=24hr																			
1203-161	Finalize & Sign All ICDs	20NOV03A	20NOV03A	262*	01DEC04	01DEC04	354	85	13,429.69	15,799.64	Goranson=120hr																			
1203-201	Update/Perform FMECA Analyses	01MAR04A	01MAR04A	192*	30NOV04	30NOV04	355	85	4,510.14	5,306.05	goranson=40																			
1203-232	Structural Analysis of Vac Vsl	01MAR04A	01MAR04A	191*	29NOV04	29NOV04	356	98	76,006.22	77,557.37	Dahlgren=480																			
1203-234	Perform Global Seismic Analysis	01MAR04A	01MAR04A	151*	31AUG04A	31AUG04A	100		37,914.24	37,914.24	titus=240																			
1203-239	Perform Analysis of VV Supports	01MAR04A	01MAR04A	193*	01DEC04	01DEC04	354	95	9,952.57	10,476.39	Freudenberg=80																			
1203-241	Check FMECA Analyses	01NOV04*	01OCT04*	11*	15NOV04	15NOV04	364		0.00	0.00	Reiersen																			
1203-261	Startup Plan	01OCT03A	01OCT03A	298*	29OCT04A	01DEC04		100	26,019.26	26,019.26	Goranson=200hr																			
1203-301	Update Cost and Schedule Estimates	01SEP04A	01SEP04A	42*	29OCT04A	29OCT04		100	3,311.16	3,311.16	Goranson=24hr																			
1203-361	Final Design of Heating/Cooling	03NOV03A	03NOV03A	233*	28FEB05	28FEB05	293	50	15,879.27	31,758.53	Jones ornl=232hr																			
1203-271	Develop/Confirm & Installation Process	04JAN05*	03JAN05*	40*	28FEB05	28FEB05	293		0.00	29,448.00	Goranson=200																			
122-011	Final design WBS 122 Thermal insulation	01JUN04A	01JUN04A	189*	28FEB05	28FEB05	293	25	20,877.82	43,685.87	viola =20hr ; goranson=64 jones=227																			
124-011	Final design WBS 124 VV supports	01JUL04A	01JUL04A	167*	28FEB05	28FEB05	293	50	11,070.35	22,140.70	goranson =80; jones=78																			
125-001	Prelim design WBS 125 local I&C	01NOV04*	01NOV04*	11*	15NOV04	15NOV04	302		0.00	11,631.96	Goranson =79hr ;																			
125-011	Final design WBS 125 local I&C	16NOV04	16NOV04	62*	15FEB05	15FEB05	302		0.00	11,661.41	goranson =79hr ;																			
1203-900	Comprehensive WBS 12 FDR			0	28FEB05	28FEB05	293		0.00	0.00																				
124-011.1	Lateral VV supports	24NOV04	18NOV04	65	28FEB05	28FEB05	293		0.00	23,263.92	goranson=78, jones=80																			
Vacuum Vessel Vendor Selection																														
121-6-6	Finalize tech Doc package & Resolve chits	01JUN04A	01JUN04A	0*	30JUN04A	30JUN04A		100	1,286.90	1,286.90	goranson=10																			
121-6-8	Evaluate and Select VV Production Vendor	01AUG04A	01AUG04A	0*	12AUG04A	12AUG04A		100	2,901.90	2,901.90	viola=0; goranson=10																			
121-6-83	Negotiate with vendor	17AUG04A	17AUG04A	0*	31AUG04A	31AUG04A		100	1,615.00	1,615.00	Viola=10																			
121-6-85	DOE Approve VV Selection & contract	01SEP04A	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	***** DOULE MILESTONE Q1 2/31/04 *****																			
121-36-9.2	Release for Fabrication			0	27SEP04A	27SEP04A		100	0.00	0.00																				



Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	Gantt Chart															
											FY04			FY05				FY06			FY07			FY08		
											J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O
1301R-03	ReEvaluate Analysis, Dahlgren	02JUL04A	02JUL04A	15	22JUL04A	22JUL04A		100	19,284.00	19,284.00	dahlgren=120															
1301R-04	Is Insulation Scheme Acceptable ?	23JUL04A	23JUL04A	1	23JUL04A	23JUL04A		100	0.00	0.00																
1301R-05	Change Insulation Scheme	26JUL04A	26JUL04A	1	26JUL04A	26JUL04A		100	1,285.60	1,285.60	kalish=8															
1301R-06	Prepare Test Spec	27JUL04A	27JUL04A	3	29JUL04A	29JUL04A		100	0.00	0.00																
1301R-17	Insulation Voltage Standoff Evaluation	29JUL04A	29JUL04A	2	30JUL04A	30JUL04A		100	0.00	0.00																
1301R-22	Hydraulic Analysis	21JUN04A	21JUN04A	10	02JUL04A	02JUL04A		100	12,856.00	12,856.00	dahlgren=80															
1301R-24	Launching Load Evaluation	06JUL04A	06JUL04A	15	23JUL04A	23JUL04A		100	0.00	0.00																
1301R-28	TF Defelction vs Island Study	05JUL04A	05JUL04A	10	16JUL04A	16JUL04A		100	0.00	0.00																
1301R-29	Review SRD	30JUN04A	30JUN04A	87*	01NOV04	01NOV04	1,261		0.00	0.00	████████████████████															
1301R-19	Add New Pusher Support Stucture	01AUG04A	01AUG04A	2	31AUG04A	31AUG04A		100	0.00	0.00																
1301R-23	Document and Summzerize Analysis	01OCT04A	01NOV04*	26*	05NOV04	05NOV04	219	50	2,617.12	5,234.24	dahlgren=16;myatt=16															
1301R-25	Final Determination ofLaunching Loads	01AUG04A	01AUG04A	1	31AUG04A	31AUG04A		100	1,274.00	1,274.00																
1301R-26	Final Launch Load Analysis	02AUG04A	02AUG04A	3	31AUG04A	31AUG04A		100	3,822.00	3,822.00	myatt=24															
1301R-27	Obtain Stresses from Deflection Analysis	01AUG04A	01AUG04A	2	31AUG04A	31AUG04A		100	2,548.00	2,548.00	myatt=16															
1301R-32	Prepare ICDs	01OCT04A	01OCT04	22*	01NOV04	01NOV04	223	25	0.00	0.00																
1301R-33	Prepare PDR Material	08NOV04*	08NOV04*	5	12NOV04	12NOV04	219		0.00	2,548.00	myatt=16															
1301R-20	TF PDR			0	15DEC04*	15DEC04*	198		0.00	0.00	▼															
1301R-07	Procure Test Services	01SEP04A	01SEP04A	42*	29OCT04A	29OCT04		100	2,628.72	2,628.72	dahlgren=16															
1301R-08	Test Materials at CTD	01OCT04A	01NOV04	51*	14DEC04	14DEC04	234	50	0.00	0.00																
1301R-09	Order Sample Materials	01NOV04	01NOV04	15	19NOV04	19NOV04	209		0.00	0.00																
1301R-10	Check or Re-Run Analysis with new data	15DEC04	15DEC04	10	29DEC04	05JAN05	234		0.00	13,431.20	dahlgren=80															
1301R-11	Design Test Fixtures	01DEC04*	01DEC04*	10	14DEC04	14DEC04	204		0.00	6,715.60	kozub=40															
1301R-12	Build Test Fixture	15DEC04	15DEC04	10	29DEC04	05JAN05	204		0.00	6,715.60	kozub=40															
1301R-13	Update Cost and Schedule	07JAN05*	13JAN05*	0*	06JAN05	12JAN05	218		0.00	0.00																
1301R-14	Build Samples	22NOV04	22NOV04	15	14DEC04	14DEC04	214		0.00	13,060.80	meighan=120															
1301R-15	Cryo Test for Coil Sample	30DEC04	06JAN05	25	03FEB05	09FEB05	204		0.00	26,862.40	kozub=160															
1301R-16	Evaluate Samples	04FEB05	10FEB05	5	10FEB05	16FEB05	204		0.00	6,715.60	dahlgren=40															
1301R-21	Pusher Design Analysis	16DEC04*	16DEC04*	15	07JAN05	13JAN05	198		0.00	0.00																
1301R-34	Final Design Coil Windings	10JAN05*	14JAN05*	19	03FEB05	09FEB05	198		0.00	20,146.80	rushinski=120															
1301R-36	Final Design Leads	04JAN05*	04JAN05*	19	28JAN05	28JAN05	202		0.00	13,431.20	rushinski=80															
1301R-37	Prepare Coil Spec	16DEC04*	16DEC04*	14	06JAN05	12JAN05	202		0.00	0.00																
1301R-38	Analysis, Final with Leads Terminals & Supports	06DEC04*	06DEC04*	14	23DEC04	23DEC04	226		0.00	19,110.00	myatt=120															
1301R-31	Review and Approve Coil Spec	07JAN05*	13JAN05*	16	28JAN05	03FEB05	202		0.00	0.00																
1301R-35	Prepare for TF FDR	04FEB05*	10FEB05*	11	18FEB05	24FEB05	198		0.00	2,548.00	myatt=16															
131-012	WBS 13 TF FDR			0	18FEB05*	24FEB05*	197		0.00	0.00	▼															
Job: 1302 - PF and CS Design -KALISH																										
1302-PF	PF Design	01JUN05*	01JUN05*	140	19DEC05	19DEC05	251		0.00	113,685.21	kalish=220;rushinski=232;dahlgren=220															
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*	01JUN05*	140	19DEC05	19DEC05	202		0.00	114,361.91	kalish=220;rushinski=368;dahlgren=88															
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	▼															

Run Date 22NOV04 11:19

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Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	FY04												FY05												FY06												FY07												FY08																																																																																																																																																																																																																														
											J			A			S			O			N			D			J			F			M			A			M			J			J			A			S			O			N			D			J			F			M			A			M			J			J			A			S			O			N			D			J			F			M			A			M			J			J			A			S			O			N			D																																																																																																																																																			
											J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J
Job: 1303 - Trim coil Design-KALISH																																																																																																																																																																																																																																																																																									
1303-TRIM	Trim Coil Design	03OCT05*	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*	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	02JUN05	106	27OCT05	27OCT05	180		0.00	195,334.32																																																																																																																																																																																																																																																																															
1351-105	materials & leads	02JUN05	02JUN05	135	07DEC05	07DEC05	181		0.00	545,245.96																																																																																																																																																																																																																																																																															
1351-110	Wind,wrap,VPI & test TF #1	28OCT05	03NOV05	30	08DEC05	07DEC05	180		0.00	23,450.00																																																																																																																																																																																																																																																																															
1351-115	Wind,wrap,VPI & test TF #2	09DEC05	08DEC05	14	28DEC05	27DEC05	180		0.00	23,450.00																																																																																																																																																																																																																																																																															
1351-120	Wind,wrap,VPI & test TF #3	29DEC05	28DEC05	14	17JAN06	16JAN06	180		0.00	23,450.00																																																																																																																																																																																																																																																																															
1351-125	Wind,wrap,VPI & test TF #4	18JAN06	17JAN06	14	06FEB06	03FEB06	180		0.00	23,450.00																																																																																																																																																																																																																																																																															
1351-130	Wind,wrap,VPI & test TF # 5	07FEB06	06FEB06	14	24FEB06	23FEB06	180		0.00	23,450.00																																																																																																																																																																																																																																																																															
1351-135	Wind,wrap,VPI & test TF # 6	27FEB06	24FEB06	14	16MAR06	15MAR06	180		0.00	23,450.00																																																																																																																																																																																																																																																																															
1351-140	Wind,wrap,VPI & test TF # 7	17MAR06	16MAR06	14	05APR06	04APR06	180		0.00	23,450.00																																																																																																																																																																																																																																																																															
1351-145	Wind,wrap,VPI & test TF # 8	06APR06	05APR06	14	25APR06	24APR06	180		0.00	23,450.00																																																																																																																																																																																																																																																																															
1351-150	Wind,wrap,VPI & test TF # 9	26APR06	25APR06	14	15MAY06	12MAY06	180		0.00	23,450.00																																																																																																																																																																																																																																																																															
1351-155	Wind,wrap,VPI & test TF # 10	16MAY06	15MAY06	14	02JUN06	01JUN06	180		0.00	23,450.00																																																																																																																																																																																																																																																																															
1351-160	Wind,wrap,VPI & test TF # 11	05JUN06	02JUN06	14	22JUN06	21JUN06	180		0.00	23,450.00																																																																																																																																																																																																																																																																															
1351-165	Wind,wrap,VPI & test TF # 12	23JUN06	22JUN06	14	12JUL06	11JUL06	180		0.00	23,450.00																																																																																																																																																																																																																																																																															
1351-170	Wind,wrap,VPI & test TF # 13	13JUL06	12JUL06	14	01AUG06	31JUL06	180		0.00	23,450.00																																																																																																																																																																																																																																																																															
1351-175	Wind,wrap,VPI & test TF # 14	02AUG06	01AUG06	14	21AUG06	18AUG06	180		0.00	23,450.00																																																																																																																																																																																																																																																																															
1351-180	Wind,wrap,VPI & test TF # 15	22AUG06	21AUG06	14	08SEP06	07SEP06	180		0.00	23,450.00																																																																																																																																																																																																																																																																															
1351-185	Wind,wrap,VPI & test TF # 16	11SEP06	08SEP06	14	28SEP06	27SEP06	180		0.00	23,450.00																																																																																																																																																																																																																																																																															
1351-190	Wind,wrap,VPI & test TF # 17	29SEP06	28SEP06	14	18OCT06	17OCT06	180		0.00	23,450.00																																																																																																																																																																																																																																																																															
1351-195	Wind,wrap,VPI & test TF # 18	19OCT06	18OCT06	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*	02JUN05*	361	07NOV06	08NOV06	734		0.00	139,523.32																																																																																																																																																																																																																																																																															
1351-85A	Prep Spec and Req for TF castings	15JUN05	15JUN05	10	28JUN05	28JUN05	261		0.00	0.00																																																																																																																																																																																																																																																																															
1351-85B	Bid & Award TF Castings	29JUN05	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	25AUG05	65	23NOV05	28NOV05	261		0.00	195,729.23																																																																																																																																																																																																																																																																															
1301-86	Fab/Assemble Fixture	02NOV05	01NOV05	20	01DEC05	30NOV05	252		0.00	19,869.00																																																																																																																																																																																																																																																																															
1301-88	Setup Wedge Casting Fixture	02DEC05	01DEC05	5	08DEC05	07DEC05	252		0.00	6,489.60																																																																																																																																																																																																																																																																															
1351-110A	Assemble TF to Wedge Casting TF#1	09DEC05	08DEC05	3	13DEC05	12DEC05	252		0.00	3,893.76																																																																																																																																																																																																																																																																															
1351-115A	Assemble TF to Wedge Casting TF#2	29DEC05	03JAN06	3	03JAN06	05JAN06	345		0.00	3,893.76																																																																																																																																																																																																																																																																															
1351-120A	Assemble TF to Wedge Casting TF#3	18JAN06	17JAN06	3	20JAN06	19JAN06	335		0.00	3,893.76																																																																																																																																																																																																																																																																															
1351-125A	Assemble TF to Wedge Casting TF#4	07FEB06	06FEB06	3	09FEB06	08FEB06	325		0.00	3,893.76																																																																																																																																																																																																																																																																															
1351-130A	Assemble TF to Wedge Casting TF#5	27FEB06	24FEB06	3	01MAR06	28FEB06	314		0.00	3,893.76																																																																																																																																																																																																																																																																															
1351-135A	Assemble TF to Wedge Casting TF#6	17MAR06	16MAR06	3	21MAR06	20MAR06	303		0.00	3,893.76																																																																																																																																																																																																																																																																															

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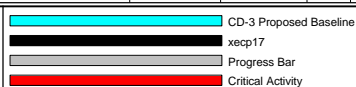
NCSX
ECP 18 Baseline
**** October Status ****

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Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	FY04					FY05					FY06					FY07					FY08															
											J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M
											J A S O N D					J F M A M J J A S O N D					J F M A M J J A S O N D					J F M A M J J A S O N D					J F M A M J J A S O N D															
1351-140A	Assemble TF to Wedge Casting TF#7	06APR06	05APR06	3	10APR06	07APR06	293		0.00	3,893.76											em/tb=48																									
1351-145A	Assemble TF to Wedge Casting TF#8	26APR06	25APR06	3	28APR06	27APR06	282		0.00	3,893.76											em/tb=48																									
1351-150A	Assemble TF to Wedge Casting TF#9	16MAY06	15MAY06	3	18MAY06	17MAY06	271		0.00	3,893.76											em/tb=48																									
1351-155A	Assemble TF to Wedge Casting TF#10	05JUN06	02JUN06	3	07JUN06	06JUN06	262		0.00	3,893.76											em/tb=48																									
1351-160A	Assemble TF to Wedge Casting TF#11	23JUN06	22JUN06	3	27JUN06	26JUN06	251		0.00	3,893.76											em/tb=48																									
1351-165A	Assemble TF to Wedge Casting TF#12	13JUL06	12JUL06	3	17JUL06	14JUL06	241		0.00	3,893.76											em/tb=48																									
1351-170A	Assemble TF to Wedge Casting TF#13	02AUG06	01AUG06	3	04AUG06	03AUG06	232		0.00	3,893.76											em/tb=48																									
1351-175A	Assemble TF to Wedge Casting TF#14	22AUG06	21AUG06	3	24AUG06	23AUG06	221		0.00	3,893.76											em/tb=48																									
1351-180A	Assemble TF to Wedge Casting TF#15	11SEP06	08SEP06	3	13SEP06	12SEP06	210		0.00	3,893.76											em/tb=48																									
1351-185A	Assemble TF to Wedge Casting TF#16	29SEP06	28SEP06	3	03OCT06	02OCT06	200		0.00	4,023.68											em/tb=48																									
1351-190A	Assemble TF to Wedge Casting TF#17	19OCT06	18OCT06	3	23OCT06	20OCT06	189		0.00	4,088.64											em/tb=48																									
1351-195A	Assemble TF to Wedge Casting TF#18	08NOV06	07NOV06	3	10NOV06	09NOV06	178		0.00	4,088.64											em/tb=48																									
Job: 1352 - PF Coil Procurement-KALISH																																														
PF Coil Fabrication																																														
141-035	Bid & Award PF Coils	03JUL06*	05JUL06*	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	07SEP06	75	21DEC06	22DEC06	119		0.00	329,150.00																																				
1352-110	Tooling for PF 4	02OCT06*	02OCT06*	25	03NOV06	03NOV06	136		0.00	69,562.50																																				
1352-115	Tooling for PF 5	06NOV06	06NOV06	25	12DEC06	12DEC06	136		0.00	69,562.50																																				
1352-120	Tooling for PF 6	13DEC06	13DEC06	25	24JAN07	24JAN07	151		0.00	69,562.50																																				
1352-105	Tooling for PF 1, 2 and 3	25JAN07	25JAN07	30	07MAR07	07MAR07	151		0.00	69,562.50																																				
1352-140	Fabricate/Divr PF 4 lower	22DEC06	02JAN07	10	12JAN07	15JAN07	119		0.00	52,668.75																																				
1352-145	Fabricate/Divr PF 5 lower	15JAN07	16JAN07	15	02FEB07	05FEB07	119		0.00	43,009.50																																				
1352-150	Fabricate/Divr PF 6 lower	05FEB07	06FEB07	15	23FEB07	26FEB07	119		0.00	43,009.50																																				
1352-155	Fabricate/Divr PF 4 upper	26FEB07	27FEB07	10	09MAR07	12MAR07	119		0.00	43,009.50																																				
1352-160	Fabricate/Divr PF 5 upper	12MAR07	13MAR07	15	30MAR07	02APR07	119		0.00	43,009.50																																				
1352-165	Fabricate/Divr PF 6 upper	02APR07	03APR07	15	20APR07	23APR07	119		0.00	43,009.50																																				
1352-125	Fabricate/Divr PF 1 upper & lower	23APR07	24APR07	15	11MAY07	14MAY07	119		0.00	86,019.00																																				
1352-130	Fabricate/Divr PF 2 upper & lower	14MAY07	15MAY07	15	04JUN07	05JUN07	119		0.00	86,019.00																																				
1352-135	Fabricate/Divr PF 3 upper & lower	05JUN07	06JUN07	15	25JUN07	26JUN07	119		0.00	86,019.00																																				
141-031	Title III engr WBS 132	17JUL06*	17JUL06*	268	09AUG07	09AUG07	547		0.00	151,940.41											Kalish=704;ea/dm=96;ornlem=62																									
Job: 1353 - CS Structure Procurement-KALISH																																														
CS Support Structure																																														
163-035	Bid & Award CS Support Struct	05MAY06	04MAY06	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*	11JUL06*	249	09JUL07	09JUL07	110		0.00	194,263.41																																				
163-015	Title III design CS sprt struc	05MAY06	04MAY06	294	09JUL07	09JUL07	570		0.00	63,581.97											ORNLEM =31;Kalish=250;Rushinski=83																									
Job: 1354 - Trim Coil Procurement-KALISH																																														
Trim Coils																																														
184-035	Bid & Award Ext Trim Coils	06JUL06	06JUL06	45	07SEP06	07SEP06	144		0.00	0.00																																				
184-036	Award External Trim Coils			0	07SEP06*	07SEP06*	144		0.00	0.00																																				
184-037	External Trim Coil Procurement/Fab*ecp16	08SEP06	08SEP06	87	18JAN07	18JAN07	144		0.00	81,750.92																																				
184-015	Title III WBS 133 Rxt Trim Coils	06JUL06	06JUL06	147	08FEB07	08FEB07	675		0.00	63,884.90																Rushinski=64;Kalish=232;ornlem=30;35=\$4k																				

Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	Schedule																								
											FY04			FY05			FY06			FY07			FY08												
											J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
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*	09OCT06*	130	18APR07	18APR07	626		0.00	3,842.74	ORNLEM=18;Kalish=2;Rushinski=6																								
133-037	Conv Coil I&C WBS 134 Proc & Install	02OCT06*	02OCT06*	130	11APR07	11APR07	177		0.00	68,349.03	41=9.2\$;em/sm=123;em/tb=491																								
1355-100	CS and PF 1-3 Pre-Assy incl coil I&C procurement	10JUL07	10JUL07	15	30JUL07	30JUL07	110		0.00	20,443.20	em/tb=240																								
14 - Modular Coils																																			
Job: 1401 - Mod Coil Prel.Dsn-WILLIAMSON																																			
0000																																			
1401-002	Apr-Sept MIE Cost ORNL	01APR03A	01APR03A	64*	30SEP03A	30SEP03A		100	303,040.00	303,040.00																									
1401-003	Apr-Sept MIE Cost PPPL	01APR03A	01APR03A	64*	30SEP03A	30SEP03A		100	0.00	0.00																									
Job: 1402 - Mod.Coil Analyses-WILLIAMSON																																			
0000																																			
1402-002	Apr-Sept MIE Cost ORNL	01APR03A	01APR03A	64*	30SEP03A	30SEP03A		100	84,220.00	84,220.00																									
1402-003	Apr-Sept MIE Cost PPPL	01APR03A	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	01OCT03A	23	31OCT03A	31OCT03A		100	2,573.80	2,573.80																									
1403-05	Prepare FY04 WP / WAF / Checklists	08OCT03A	08OCT03A	21	14OCT03A	14OCT03A		100	2,573.80	2,573.80																									
1403-06	Prepare documents for PDR closeout	15OCT03A	15OCT03A	52*	24DEC03A	24DEC03A		100	10,295.20	10,295.20																									
1403-07	Prepare PBR documentation	31OCT03A	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	15OCT03A	160	28MAY04A	28MAY04A		100	2,573.80	2,573.80	Williamson=20																								
1403-13	Finalize winding pack ref xsec, conductor dims	15OCT03A	15OCT03A	45*	26NOV03A	26NOV03A		100	2,573.80	2,573.80																									
1403-14	Revise winding form and windings/asm models	15OCT03A	15OCT03A	75*	30JAN04A	30JAN04A		100	41,309.49	41,309.49																									
Analysis - Thermal & Electrical																																			
1403-21	Document electrical, insulation parameters	15OCT03A	15OCT03A	56*	19DEC03A	19DEC03A		100	2,573.80	2,573.80																									
1403-22	Update thermal analysis to current WP design	22OCT03A	22OCT03A	51*	19DEC03A	19DEC03A		100	5,147.60	5,147.60																									
1403-23	Update thermo-hydraulic analysis of coils	01DEC03A	01DEC03A	127*	18MAY04A	18MAY04A		100	6,428.00	6,428.00																									
1403-25	Check EM loads calculation for ref scenarios	02FEB04A	02FEB04A	85*	18MAY04A	18MAY04A		100	5,147.60	5,147.60																									
1403-26	Perform scan of EM fault load conditions	01DEC03A	01DEC03A	127*	18MAY04A	18MAY04A		100	10,295.20	10,295.20																									
1403-26.1	Check thermal & electrical calculations	02FEB04A	02FEB04A	85*	18MAY04A	18MAY04A		100	10,295.20	10,295.20																									
Analysis - Structural																																			
141TITL2P	PDR #1, 4,26 Access,Tolerance Budget,Bolting	01MAR04A	01MAR04A	65*	18MAY04A	18MAY04A		100	26,896.21	26,896.21																									
1403-29	Complete ANSYS model of coil structure asm	15OCT03A	15OCT03A	160*	18MAY04A	18MAY04A		100	160,700.00	160,700.00																									
1403-30	Analyze global stress /deflect winding form asm	31OCT03A	31OCT03A	148*	18MAY04A	18MAY04A		100	16,070.00	16,070.00																									
1403-31	Analyze stress in bolted connections	01MAR04A	01MAR04A	65*	18MAY04A	18MAY04A		100	6,428.00	6,428.00																									
1403-32	Update MECHANICA model of 3 coil types	15OCT03A	15OCT03A	160*	18MAY04A	18MAY04A		100	10,295.20	10,295.20																									
1403-33	Anlyz wind pack deflect/stress fo thrml, EM lds	01MAR04A	01MAR04A	65*	18MAY04A	18MAY04A		100	5,147.60	5,147.60																									
1403-34	Analyze and optimize clamp locations	01MAR04A	01MAR04A	55*	30APR04A	30APR04A		100	5,147.60	5,147.60																									
1403-35	Perform supporting analysis for material tests	15OCT03A	15OCT03A	150*	30APR04A	30APR04A		100	16,727.62	16,727.62																									
1403-36	Update EM loads for reference scenarios	01MAR04A	01MAR04A	55*	30APR04A	30APR04A		100	10,357.62	10,357.62																									
1403-37	Perform check og global structural analysis	01MAR04A	01MAR04A	65*	18MAY04A	18MAY04A		100	16,727.62	16,727.62																									
1403-38	Check nonlinear winding pack analysis	01MAR04A	01MAR04A	65*	18MAY04A	18MAY04A		100	10,357.62	10,357.62																									
1403-39	Analyze gravity, equip, seismic loading	01MAR04A	01MAR04A	65*	18MAY04A	18MAY04A		100	6,428.00	6,428.00																									

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ECP 18 Baseline
** October Status **

Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	Gantt Chart																									
											FY04			FY05				FY06			FY07			FY08												
											J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J
1403-17	Assembly shims	01OCT04A	22NOV04*	51*	14DEC04	14DEC04	147	50	8,316.12	11,779.20	lovett=80																									
1403-18	Eccentric ball assembly	15DEC04*	15DEC04*	15	06JAN05	12JAN05	147		0.00	11,779.20	lovett=80																									
1403-19	Top assembly dwgs for mod coil shell	01OCT04A	13JAN05*	86*	03FEB05	09FEB05	147	30	5,300.64	17,668.80	lovett=120																									
MCWF & Winding Analysis/Testing																																				
1403-ECP16	ecp16	01JUN04A	01JUN04A	108*	30SEP04A	30SEP04A		100	139,000.00	139,000.00																										
1403-FY04	Analysis fy04	01JUN04A	01JUN04A	108*	30SEP04A	30SEP04A		100	48,517.50	48,517.50																										
1403-27	Prepare thermal, electrical analysis report	02FEB04A	02FEB04A	128*	30JUL04A	30JUL04A		100	20,590.40	20,590.40	Williamson=160																									
1403-27A	Update winding pack thermal/hydraulic analysis	01JUN04A	01JUN04A	97*	30SEP04A	30SEP04A		100	20,590.40	20,590.40	Williamson=160																									
1403-40.3X	Modify MCWF Contract Documents & drawings	01AUG04A	01AUG04A	43*	30SEP04A	30SEP04A		100	20,590.40	20,590.40	williamson=160																									
1403-42	Complete FDR Struct Analysis Report	01JUN04A	01JUN04A	108*	30SEP04A	30SEP04A		100	30,859.60	30,859.60	fan=160;nelson=20;williamson=20																									
1403-42B	Modify ORNL beam test setup provide torsional Id	01JUN04A	01JUN04A	108*	30SEP04A	30SEP04A		100	5,147.60	5,147.60	nelson=40																									
1403-42C	Revise analysis incorp final modeling changes	15JUL04A	15JUL04A	77*	30SEP04A	30SEP04A		100	34,552.80	34,552.80	Myatt=120hrs (\$15k); freudenberg=120																									
1403-42E	Complete checking struct calculations	01AUG04A	01AUG04A	65*	30SEP04A	30SEP04A		100	17,945.60	17,945.60	brooks,williamson & myatt=40 each																									
1403-44	Prepare final drawings for winding forms, asm	01MAR04A	01MAR04A	75*	30JUN04A	30JUN04A		100	82,232.91	82,232.91	Jones, Lovett, Hargrove=640																									
1403-45	Check and promote models / drawings	01MAR04A	01MAR04A	97*	15JUL04A	15JUL04A		100	120,704.72	120,704.72	etc+emiller,williamson,cole,lovett,brown=640 + 288 ecp6																									
1403-46	Update build-to specification / SOW	01MAR04A	01MAR04A	75*	30JUN04A	30JUN04A		100	15,442.80	15,442.80	Williamson=120																									
1403-70	Complete non-linear model revisions	01SEP04A	01SEP04A	31	30SEP04A	30SEP04A		100	0.00	0.00																										
1403-40.2X	Multifilament coils file incl leads	01OCT04A	01NOV04*	30*	11NOV04	11NOV04	203	50	2,944.80	5,889.60	williamson=40																									
1403-42D	Fracture fatigue analysis for MCWF	01NOV04*	01NOV04*	22	02DEC04	02DEC04	190		0.00	10,073.40	brooks=60																									
1403-42D.0	Determine Fatigue properties	01NOV04*	01NOV04*	22	02DEC04	02DEC04	1,240		0.00	3,357.80	heitzenroeder=20																									
1403-42G	WP beam FEA modeling	01DEC04*	01DEC04*	21	30DEC04	06JAN05	144		0.00	2,944.80	freudenberg=20																									
1403-47A	Update,review & approve FMECA	01DEC04*	01DEC04*	16	22DEC04	22DEC04	176		0.00	5,889.60	Williamson=80																									
1403-42F	Perform WP beam tests at ORNL	01NOV04*	01DEC04*	21	01DEC04	06JAN05	191		0.00	26,503.20	betiste=180,																									
1403-42A	WP beam bending results documentation	01NOV04*	01NOV04*	22	02DEC04	02DEC04	190		0.00	5,889.60	nelson=40																									
1403-47B	det boundary conditions single nonlinear windng	01NOV04*	01NOV04*	22	02DEC04	02DEC04	190		0.00	6,370.00	myatt=20 hrs																									
1403-40.2Z	Update nonlinear winding pack analysis	01AUG04A	01AUG04A	82*	24NOV04	24NOV04	194	80	54,160.48	78,426.58	freudenberg=480;williamson=40 nelson=4Myatt=40 (\$5k)																									
1403-73	Prep struct analysis report	24NOV04*	24NOV04*	11*	10DEC04	10DEC04	1,234		0.00	11,779.20	FREUDENBERG =80hr ;																									
1403-90	Compile Material properties database	01OCT04A	03JAN05*	105*	02MAR05	01MAR05	1,178	70	9,401.84	13,431.20	hm fan=80																									
1403-74	check analysis using simplified models	01OCT04A	19OCT04*	53*	16DEC04	03DEC04	1,230	40	16,117.44	40,293.60	FAN =240hr ;																									
1403-42H	calculate EM loads at leads	11NOV04*	11NOV04*	6*	18NOV04	18NOV04	198		0.00	8,834.40	williamson=60																									
1403-76	Structural analysis of leads	01OCT04A	18NOV04*	45*	06DEC04	06DEC04	1,238	50	5,889.60	11,779.20	FREUDENBERG =80hr ;																									
1403-47C	Backup analysis/check of leads	31DEC04*	07JAN05*	27	08FEB05	14FEB05	144		0.00	6,715.60	fan=40																									
Winding and Assembly Design-Type C																																				
1403-202	G-10 Filler Dwgs (24)-Type C ??????????????	01JAN04A	01JAN04A	227*	30SEP04A	30SEP04A		100	13,512.45	13,512.45																										
1403-200	Winding & Insulation Dwgs (8)-Type C	01JAN04A	01JAN04A	253*	30DEC04	03JAN05	171	50	13,568.39	27,136.78	LOVETT =28hr ;HARGROVE =9hr ; WILLIAMSON =160hr ;																									
1403-201	Leads & crossover Dwgs (10)-Type C	01JAN04A	01JAN04A	253*	30DEC04	03JAN05	171	40	14,336.18	35,840.44	HARGROVE =28hr ; FOGARTY =121hr ;LOVETT =120hr ;																									
1403-203	Clamp Dwgs (5)-Type C	01JAN04A	01JAN04A	277*	03FEB05	03FEB05	147	30	4,437.94	28,638.80	MILLER =24hr ;WILLIAMSON =10hr ; LOVETT =180hr ;																									
1403-204	Chill Plate Dwgs (66)-Type C	01SEP04A	01SEP04A	83*	30DEC04	03JAN05	171	30	10,263.36	34,211.19	WILLIAMSON =08hr ; HARGROVE =232hr ;																									
1403-220	Cladding assembly-Type C	01OCT04A	03JAN05*	88*	07FEB05	04FEB05	145	20	5,300.64	26,503.20	HARGROVE =180hr ;																									
1403-219	MCWF studs,modifications-Type C	01OCT04A	08OCT04*	31*	12NOV04	21OCT04	159	20	1,177.92	5,889.60	LOVETT =40hr ;																									
1403-221	Lead ends & closure-Type C	15NOV04	22OCT04	15	07DEC04	11NOV04	159		0.00	11,779.20	LOVETT =80hr ;																									
1403-222	Terminal assembly-Type C	08DEC04*	01DEC04*	28	18JAN05	17JAN05	159		0.00	11,779.20	LOVETT =80hr ;																									



Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	FY04												FY05												FY06												FY07												FY08											
											J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M												J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M												J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M												J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M												J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M											
1403-223	Top level coil assembly-Type C	03FEB05*	03FEB05*	6	10FEB05	10FEB05	142		0.00	5,889.60													LOVETT =40hr ;																																															
1403-224	VPI mold assembly0-Type C	04JAN05*	04JAN05*	15	24JAN05	24JAN05	155		0.00	11,779.20													LOVETT =80hr ;																																															
1403-206	Cooling, Electr Schematic Dwgs (1)- Type C	01NOV04*	28OCT04*	8*	10NOV04	10NOV04	204		0.00	11,779.20													WILLIAMSON =80hr ;																																															
1403-208	I&C Dwgs (1) -Type C	01NOV04*	25OCT04*	19*	29NOV04	29OCT04	193		0.00	5,889.60													williamson= 40																																															
1403-58C	Check and promote models / drawings -Type C	05NOV04*	05NOV04*	52*	21JAN05	21JAN05	156		0.00	29,448.00													COLE =200hr ;																																															
1403-60	Update design basis document	06DEC04*	06DEC04*	10*	17DEC04	17DEC04	179		0.00	11,779.20													Williamson=80																																															
1403-49	Update cost / schedule estimates	11JAN05*	11JAN05*	6*	18JAN05	18JAN05	159		0.00	5,889.60													Williamson=40																																															
1403-62	Prepare FDR documentation / presentations	28JAN05*	28JAN05*	5*	03FEB05	03FEB05	147		0.00	5,889.60													Williamson=40																																															
1403-20	Mod Coil Type C FDR			0	10FEB05*	14FEB05*	142		0.00	0.00													***** Joule Milestone Q3 6/30/05 *****																																															
1403-20.2	Resolve FDR chits	11FEB05*	15FEB05*	5	17FEB05	21FEB05	1,187		0.00	6,715.60													chrzanowski =40hr ;																																															
1403-70.05	Update MIT/QA Plans for Type C Winding Fab	04FEB05*	04FEB05*	5*	10FEB05	10FEB05	203		0.00	5,889.60													WILLIAMSON =40hr ;																																															
1403-59	Update build-to specifications	27DEC04*	03JAN05*	6*	04JAN05	03JAN05	231		0.00	5,889.60													Williamson=40																																															
1403-20.1	Mod Coil Type C Fab Preparedness Review			0	26MAY05*	25MAY05*	129		0.00	0.00													▼																																															
Winding and Assembly Design-Type B																																																																						
1403-419	MCWF studs,modifications-Type B	01APR05*	01APR05*	15	21APR05	21APR05	253		0.00	5,889.60													LOVETT =40hr ;																																															
1403-420	Cladding assembly-Type B	28FEB05*	28FEB05*	10*	11MAR05	11MAR05	282		0.00	11,779.20													HARGROVE =80hr ;																																															
1403-401	Leads & crossover Dwgs (10)-Type B	01MAR05*	01MAR05*	5	07MAR05	07MAR05	276		0.00	5,889.60													LOVETT =40hr ;																																															
1403-400	Winding pack assy Dwgs (8)-Type B	28FEB05*	28FEB05*	5*	04MAR05	04MAR05	287		0.00	5,889.60													WILLIAMSON =40hr ;																																															
1403-421	Lead ends & closure-Type B	08MAR05	08MAR05	5	14MAR05	14MAR05	276		0.00	5,889.60													LOVETT =40hr ;																																															
1403-422	Terminal assembly-Type B	15MAR05	15MAR05	5	21MAR05	21MAR05	276		0.00	5,889.60													LOVETT =40hr ;																																															
1403-404	Chill Plate Dwgs (66)-TypeB	07MAR05*	07MAR05*	10*	18MAR05	18MAR05	277		0.00	11,779.20													HARGROVE =80hr ;																																															
1403-424	VPI mold assembly0-Type B	21APR05*	21APR05*	6	28APR05	28APR05	248		0.00	5,889.60													LOVETT =40hr ;																																															
1403-403	Clamp Dwgs (5)-Type B	21APR05*	21APR05*	6	28APR05	28APR05	248		0.00	5,889.60													LOVETT =40hr ;																																															
1403-406	Cooling, Electr Schematic Dwgs (1)-Type B	18FEB05*	18FEB05*	5*	24FEB05	24FEB05	293		0.00	5,889.60													WILLIAMSON =40hr ;																																															
1403-408	I&C Dwgs (1) -Type B	28FEB05*	28FEB05*	5*	04MAR05	04MAR05	287		0.00	5,889.60													WILLIAMSON =40hr ;																																															
1403-423	Top level coil assembly-Type B	29MAR05*	29MAR05*	5*	04APR05	04APR05	266		0.00	5,889.60													LOVETT =40hr ;																																															
1403-58B	Check and promote models / drawings -Type B	05APR05*	05APR05*	5*	11APR05	11APR05	261		0.00	5,889.60													COLE =40hr ;																																															
1403-80	Update design basis doc & cost sched est	21APR05*	21APR05*	10*	04MAY05	04MAY05	244		0.00	5,889.60													freudenberg =40hr ;																																															
1403-72.06	Update build-to spec	21MAR05*	21MAR05*	3*	23MAR05	23MAR05	274		0.00	3,357.80													Williamson=20																																															
1403-81	Prepare FDR doc	11APR05*	11APR05*	3*	13APR05	13APR05	259		0.00	2,944.80													WILLIAMSON =20hr ;																																															
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*	04MAY05*	3*	06MAY05	06MAY05	292		0.00	3,357.80													Chrzanowski=20																																															
1403-72.07	Resolve FDR comments	05MAY05	05MAY05	3	09MAY05	09MAY05	291		0.00	3,357.80													Williamson=20																																															
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*	18MAY05*	5*	24MAY05	24MAY05	339		0.00	5,889.60													LOVETT =40hr ;																																															
1403-320	Cladding assembly-Type A	25MAY05*	25MAY05*	10*	08JUN05	08JUN05	329		0.00	11,779.20													HARGROVE =80hr ;																																															
1403-301	Leads & crossover Dwgs (10)-Type A	25MAY05*	25MAY05*	5*	01JUN05	01JUN05	334		0.00	5,889.60													LOVETT =40hr ;																																															
1403-300	Winding pack assy Dwgs (8)-Type A	25MAY05*	25MAY05*	5*	01JUN05	01JUN05	334		0.00	5,889.60													WILLIAMSON =40hr ;																																															
1403-321	Lead ends & closure-Type A	02JUN05*	02JUN05*	5*	08JUN05	08JUN05	329		0.00	5,889.60													LOVETT =40hr ;																																															
1403-322	Terminal assembly-Type A	09JUN05*	09JUN05*	5*	15JUN05	15JUN05	324		0.00	5,889.60													LOVETT =40hr ;																																															

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Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	FY04				FY05				FY06				FY07				FY08																		
											J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M
1403-304	Chill Plate Dwg (66)-Type A	02JUN05*	02JUN05*	10*	15JUN05	15JUN05	324		0.00	11,779.20					HARGROVE =80hr ;																														
1403-324	VPI mold assembly0-Type A	16JUN05*	16JUN05*	5*	22JUN05	22JUN05	319		0.00	5,889.60					LOVETT =40hr ;																														
1403-303	Clamp Dwg (5)-Type A	16JUN05*	16JUN05*	5*	22JUN05	22JUN05	319		0.00	5,889.60					LOVETT =40hr ;																														
1403-306	Cooling, Electr Schematic Dwg (1)-Type A	16MAY05*	16MAY05*	5*	20MAY05	20MAY05	341		0.00	5,889.60					WILLIAMSON =40hr ;																														
1403-308	I&C Dwg (1) -Type A	25MAY05*	25MAY05*	5*	01JUN05	01JUN05	334		0.00	5,889.60					WILLIAMSON =40hr ;																														
1403-323	Top level coil assembly-Type A	23JUN05*	23JUN05*	5*	29JUN05	29JUN05	314		0.00	5,889.60					LOVETT =40hr ;																														
1403-58A	Check and promote models / drawings -Type A	06JUL05*	06JUL05*	5*	12JUL05	12JUL05	306		0.00	5,889.60					COLE =40hr ;																														
1403-904	Update cost/sched estimates&Design Basis doc.	04AUG05*	04AUG05*	5*	10AUG05	10AUG05	285		0.00	5,889.60					Freundenberg =40hr ;																														
1403-900	Prep FDR Documentation	01AUG05*	01AUG05*	3*	03AUG05	03AUG05	290		0.00	2,944.80					WILLIAMSON =20hr ;																														
1403-71	FDR Production Type A Mod Coil Winding			0	10AUG05*	10AUG05*	285		0.00	0.00					▼																														
1403-901	Resolve FDR comments	10AUG05*	10AUG05*	3*	12AUG05	12AUG05	333		0.00	2,944.80					WILLIAMSON =20hr ;																														
1403-902	Update build-to spec	27JUL05*	27JUL05*	3*	29JUL05	29JUL05	343		0.00	2,944.80					WILLIAMSON =20hr ;																														
1403-71.05	Update MIT/QA Plans for Type A Winding Fab	10AUG05*	10AUG05*	3*	12AUG05	12AUG05	333		0.00	2,944.80					Chrzanowski=20																														
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	01OCT03A	3	03OCT03A	03OCT03A		100	2,573.80	2,573.80																																			
1406-098	Complete Drawings of Casting	13OCT03A	13OCT03A	21	26NOV03A	26NOV03A		100	15,442.80	15,442.80																																			
1406-099	Review/Approve Casting Drawings	26NOV03A	26NOV03A	10	26NOV03A	26NOV03A		100	15,442.80	15,442.80																																			
1406-101	Prepare Clamp & Chill Plate detail Drawings	14MAY04A	14MAY04A	99*	30SEP04A	30SEP04A		100	50,703.86	50,703.86																																			
1406-101.1	Winding block dwgs for prototype leads????????	01JUN04A	01JUN04A	87*	30SEP04A	30SEP04A		100	20,590.40	20,590.40																																			
1406-105	Prepare ANSYS thermal analysis model	31OCT03A	31OCT03A	3	31OCT03A	31OCT03A		100	2,573.80	2,573.80																																			
1406-106	Analyze Thermal Behavior due to pulse	31OCT03A	31OCT03A	3	31OCT03A	31OCT03A		100	2,573.80	2,573.80																																			
1406-107	Calculate EM Loads due to max current	03NOV03A	03NOV03A	3	26NOV03A	26NOV03A		100	5,147.60	5,147.60																																			
1406-108	Prep MECHANICA Struct Analysis Model	03NOV03A	03NOV03A	3	26NOV03A	26NOV03A		100	5,147.60	5,147.60																																			
1406-109	Analyze Stress/deflection due to cooldown,pulse	01SEP04A	01SEP04A	5*	30SEP04A	30SEP04A		100	5,147.60	5,147.60					freundenberg=40																														
1406-111	Write papers and present at conferences	01SEP04A	01SEP04A	241*	30SEP04A	30SEP04A		100	30,885.60	30,885.60					omlem=240																														
1406-102	Review/Approve Clamp& Chill Plate Dwg	01JUN04A	01JUN04A	107*	29OCT04A	13OCT04		100	22,231.55	22,231.55					etc= miller,nelson,cole,williamson=74 + 72 baseline																														
1406-103.1	Prepare for Twisted Racetrack FDR	01SEP04A	01SEP04A	42*	29OCT04A	15OCT04		100	16,555.80	16,555.80					fogarty,freundenberg,nelson,williamson=120																														
1406-104	Prepare Draft of Coil Test Plan	01OCT03A	01OCT03A	271*		06OCT04		75	3,903.83	5,205.10					nelson=40																														
1406-110	Finalize, Approve coil test plan	01DEC03A	01DEC03A	241*	15NOV04	15NOV04	247	75	7,869.19	10,492.25					nelson=80																														
1406-103.0	Prep MIT plan	01OCT04A	01OCT04*	0*	15OCT04A	06OCT04		100	2,686.24	2,686.24					chrzanowski=16																														
1406-103.2	Twisted Racetrack FDR			0	15OCT04A	15OCT04*		100	0.00	0.00					▼																														
1406-103.3	Resolve TRC FDR Issues	01NOV04	07OCT04*	10*	12NOV04	12OCT04	1,228		0.00	2,355.84					williamson=16																														
1406-150	Winding pack assy	01OCT04A	01OCT04*	0*	29OCT04A	04OCT04		100	1,177.92	1,177.92					Lovett =08hr ;																														
1406-151	Lead ends & closure	01OCT04A	01OCT04*	21*	29OCT04A	04OCT04		100	1,177.92	1,177.92					Lovett =08hr ;																														
1406-152	Terminal Assy	01OCT04A	04OCT04*	21*	29OCT04A	29OCT04		100	1,177.92	1,177.92					Lovett =08hr ;																														
1406-153	VPI mold assy	01OCT04A	05OCT04*	21*	29OCT04A	05OCT04		100	1,177.92	1,177.92					Lovett =08hr ;																														
1406-154	Clamp assy	01OCT04A	06OCT04*	21*	29OCT04A	06OCT04		100	1,177.92	1,177.92					Lovett =08hr ;																														
1406-155	Cooling ,electr schematics	01OCT04A	05OCT04*	21*	29OCT04A	05OCT04		100	1,177.92	1,177.92					Williamson =08hr ;																														
1406-156	I&C dwgs	01OCT04A	06OCT04*	21*	29OCT04A	06OCT04		100	1,177.92	1,177.92					Williamson =08hr ;																														
1406-157	Build to specification	01NOV04*	01OCT04*	6*	08NOV04	06OCT04	1,232		0.00	2,355.84					Williamson=16																														

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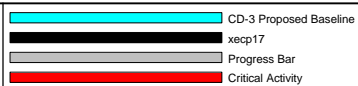
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**NCSX
ECP 18 Baseline
** October Status ****

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Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	Gantt Chart													
											FY04			FY05			FY06			FY07			FY08	
											J	A	S	O	N	D	J	F	M	A	M	J	J	A
TITLE2TRC	Titel III Design-TRC FAB	15OCT04A	01OCT04*	153*	31MAY05	31MAY05	1,096	LOE	3,948.65	54,842.40	WILLIAMSON=160 travel=\$18k													
Job:1404-MCWF R&D & 1st Prod Casting-HEITZENROED																								
0000																								
1404-002	Apr-Sept YTD MIE Cost ORNL	01APR03A	01APR03A	64*	30SEP03A	30SEP03A		100	100,220.00	100,220.00														
1404-003	Apr-Sept YTD MIE Cost PPPL	01APR03A	01APR03A	64*	30SEP03A	30SEP03A		100	64,670.00	64,670.00														
1404-ECP16	ecp16	01OCT03A	01OCT03A	64*	30SEP04A	30SEP04A		100	93,000.00	93,000.00														
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	Prototype Casting Made 3rd QUARTER FY04 (June 2004)													
3000	Issue Type C final drawings to EIO & JPP			0	30SEP04A	30SEP04A		100	0.00	0.00														
1404-65	Fabrication oversight by Project	01OCT03A	01OCT03A	213*	30JUN04A	30JUN04A		100	132,000.00	132,000.00														
1404-66	Proposal evaluation & contract oversight	01AUG04A	01AUG04A	43*	30SEP04A	30SEP04A		100	15,627.06	15,627.06	Nelson.Heitzenroeder.=54 each													
EIO Subcontract (S04341F)																								
1404-100	EIO-Cost FY03	01MAY03A	01MAY03A	10	30SEP03A	30SEP03A		100	307,170.24	307,170.24														
1404-105	EIO-FY04 Cost Through June 30,2004 ECP 11	01OCT03A	01OCT03A	10*	30JUN04A	30JUN04A		100	571,337.28	571,337.28	41=\$504.01													
1404-106	contract balance ECP 11	01JUL04A	01JUL04A	0*	31AUG04A	31AUG04A		100	119,610.00	119,610.00	41=\$119.61													
1404-107	EIO-Suspend Prototype work ECP 11			0	06AUG04A	06AUG04A		100	0.00	0.00														
3010	Vendor #1 Contract Amended	09AUG04A	09AUG04A	0*	13AUG04A	13AUG04A		100	0.00	0.00														
PPC-1	Engr & Flow Solidification	01SEP04A	01SEP04A	42*	15OCT04A	15OCT04A		C	21,570.00	21,570.00	48=21.57													
PPC-2	Lawton mold Assy	22SEP04A	22SEP04A	48*	30NOV04A	30NOV04A	199	C	161,162.04	227,630.00	48=227.63													
PPC-3	Materials	01NOV04*	01OCT04*	20*	30NOV04A	29OCT04A	199		0.00	39,150.00	48=39.15													
PPC-4	Build Pattern & Pour Casting	01DEC04*	01DEC04*	15*	21DEC04A	31DEC04A	199		0.00	16,610.00	48=16.61													
PPC-5	Clean/Inspect Heat treat Casting	22DEC04*	04JAN05*	10*	07JAN05	07JAN05	199		0.00	0.00														
PPC-5C	contract resolution setaside	01NOV04*	01OCT04*	45*	07JAN05	07JAN05	1,224		0.00	30,000.00	48=30k													
PPC-6	Oversight/Reporting	04AUG04A	04AUG04A	103*	31DEC04A	31DEC04A	1,228	LOE	16,278.08	27,040.00	48=27.04													
JP Pattern Subcontract (S04340F)																								
1404-200	JPP- cost FY03	01MAY03A	01MAY03A	10	30SEP03A	30SEP03A		100	92,170.40	92,170.40														
1404-205	JPP-FY04 Cost Through June 30,2004 ECP 11	01OCT03A	01OCT03A	10*	30JUN04A	30JUN04A		100	417,120.34	417,120.34	41=\$327.31													
1404-206	JPP- July forecast ECP 11	01JUL04A	01JUL04A	0*	31AUG04A	31AUG04A		100	143,372.50	143,372.50	41=\$96.25 48=20.75													
3110	Contract balance	30SEP04A	30SEP04A	2*	30SEP04A	30SEP04A		100	74,000.00	74,000.00	48=74k													
MCWF Fracture Analysis																								
1404-FR1	Rough machine specimens, Lot 1 (17 pcs.) at PPPL	15JUL04A	15JUL04A	10	29JUL04A	29JUL04A		100	1,305.60	1,305.60	em/tb=7													
1404-FR2	Machine Lot 1 specimens to ASTM spec (Crystal En	02AUG04A	02AUG04A	10	20AUG04A	20AUG04A		100	1,082.90	1,082.90	41=\$0.85k													
1404-FR3	Test Lot 1 specimens - 17 pcs. At \$260	20AUG04A	20AUG04A	50*	29OCT04A	15OCT04A		100	5,844.57	5,844.57	41=\$4.42k													
1404-FR4	Rough machine Lot 2 (11 specimens) at PPPL	16AUG04A	16AUG04A	54*	29OCT04A	01OCT04A		100	856.56	856.56	em/tb=11													
1404-FR5	Machine Lot 2 specimens to ASTM spec. (Crystal E	01OCT04A	04OCT04*	10	29OCT04A	15OCT04A		100	1,041.75	1,041.75	41=\$0.75k													
1404-FR6	Test Lot 2 specimens @NHMFL 11 pcs.	01OCT04A	18OCT04	20	29OCT04A	12NOV04A		100	3,972.54	3,972.54	41=\$2.86k													
1404-FR7	Engineering coordination	15JUL04A	15JUL04A	76*	29OCT04A	29OCT04A		100	6,507.47	6,507.47	ea/em=40													
Job: 1405-Mod Coil Winding R&D Prep-CHRZANOWSKI																								
0000																								
1405-002	Apr-Sep YTD MIE Cost ORNL	01APR03A	01APR03A	64*	30MAY03A	30MAY03A			0.00	0.00														
1405-003	Apr-Sep YTD MIE Cost PPPL	01APR03A	01APR03A	64*	30MAY03A	30MAY03A			168,070.00	168,070.00														

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Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	FY04												FY05												FY06												FY07												FY08																																																																																																																																																																																				
											J				J				A				S				J				J				F				M				A				M				J				J				A				S				J				J				F				M				A				M																																																																																																																																																								
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"inchworm" Twisted Winding																																																																																																																																																																																																																																															
1406-119	Join straight sections w/2 end loops	01OCT03A	01OCT03A	79*	30JAN04A	30JAN04A		100	31,590.00	31,590.00																																																																																																																																																																																																																																					
1406-120	Wind Conductor	30JAN04A	30JAN04A	86*	28MAY04A	28MAY04A		100	18,432.00	18,432.00	em/tb=240																																																																																																																																																																																																																																				
1406-040	JOULE MILESTONE #2-Begin winding on 3D surface	30JAN04A	30JAN04A	0				100	0.00	0.00																																																																																																																																																																																																																																					
Job: 1410 MC Twisted Racetrack Fabr-CHRZANOWSKI																																																																																																																																																																																																																																															
Twisted Racetrack Hardware Fabrication (Chrzano)																																																																																																																																																																																																																																															
1406-016.0	Oversight & Supervision	01NOV04*	01NOV04*	121*	29APR05	29APR05	1,117		0.00	212,153.40	chrzanowski=768 (80%) meighan=672 (70%) Raftopolous=60																																																																																																																																																																																																																																				
1406-016.6	PPPL Fabricate TRC Chill plates	05NOV04*	05NOV04*	40	12JAN05	11JAN05	144		0.00	2,950.95	homer=24;41=\$1k																																																																																																																																																																																																																																				
1406-016.7	PPPL Fabricate TRC Tubing	05NOV04*	05NOV04*	40	12JAN05	11JAN05	144		0.00	3,459.80	hroner=40;41=\$200																																																																																																																																																																																																																																				
1406-016.1	Inspect & Measure Casting	01OCT04A	11OCT04*	20	29OCT04A	05NOV04		100	0.00	0.00																																																																																																																																																																																																																																					
1406-016.2	Install Studs	01NOV04*	01NOV04*	5	05NOV04	05NOV04	128		0.00	3,182.00	anderson=40																																																																																																																																																																																																																																				
1406-106.3	Winding Trials (wo/ cladding)	08NOV04	08NOV04	10	19NOV04	19NOV04	128		0.00	12,728.00	anderson=80;terlitz=80																																																																																																																																																																																																																																				
1406-017	Instl cladding(station 2)	22NOV04	22NOV04	15	14DEC04	14DEC04	128	10	1,272.80	12,728.00	terlitz=80,anderson=80																																																																																																																																																																																																																																				
1406-017.1	Instl gmd wrap & wind coil(station 2)	15DEC04	15DEC04	30	03FEB05	02FEB05	128		0.00	31,820.00	terlitz=200,anderson=200																																																																																																																																																																																																																																				
1406-017.2	Instl chill plates & tubing (station 2)	04FEB05	03FEB05	20	03MAR05	02MAR05	128		0.00	12,728.00	terlitz=80,anderson=80																																																																																																																																																																																																																																				
1406-017.3	Complt Assy of twisted racetrack (Joule milestone)			0	03MAR05	02MAR05	1,158		0.00	0.00	***** Joule Milestone Q2 3/31/05 *****																																																																																																																																																																																																																																				
1406-018	Apply bag mold (station 4)	04MAR05	03MAR05	20	31MAR05	30MAR05	128		0.00	12,728.00	kearns=80,hause=80																																																																																																																																																																																																																																				
1406-ST1	Fab Straight Tee Specimen	01OCT04A	13DEC04*	50*	13DEC04	03JAN05	179	15	1,909.20	12,728.00	kearns,hause=80 each																																																																																																																																																																																																																																				
1406-ST2	Straight Tee VPI Prep	14DEC04	04JAN05	10	05JAN05	17JAN05	179		0.00	12,728.00	kearns,hause=80 each																																																																																																																																																																																																																																				
1406-ST3	VPI Tee Specimen	06JAN05	18JAN05	10	19JAN05	31JAN05	179		0.00	12,728.00	kearns,hause=80 each																																																																																																																																																																																																																																				
1406-019	VPI TRC in autoclave	01APR05	31MAR05	20	28APR05	27APR05	128		0.00	28,638.00	kearns,hause,anderson,terlitz=90 each																																																																																																																																																																																																																																				
1406-019.1	Instl permanent clamps	29APR05	28APR05	10	12MAY05	11MAY05	128		0.00	12,728.00	kearns=40,hause=40																																																																																																																																																																																																																																				
1406-020	Begin Testing of Twisted RT in Coil test Stand	13MAY05	12MAY05	0			129		0.00	0.00	*****																																																																																																																																																																																																																																				
1406-021	Test Coil	13MAY05	12MAY05	5	19MAY05	18MAY05	128		0.00	32,284.72	em/tb=128; ee/tb=56; Hatcher=40; Gettelfinger=40; Gernhardt=40																																																																																																																																																																																																																																				
1406-023	Dissect Coil	20MAY05	19MAY05	5	26MAY05	25MAY05	128		0.00	6,364.00	kearns=40,hause=40																																																																																																																																																																																																																																				
Job: 1407 -Mod Coil Winding Facility-CHRZANOWSKI																																																																																																																																																																																																																																															
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1407-001	Apr-Sep YTD MIE Cost PPPL	01APR03A	01APR03A	64*	30SEP03A	30SEP03A		100	267,550.00	267,550.00																																																																																																																																																																																																																																					
1407-ECP16	ecp16	01OCT03A	01OCT03A	64*	30SEP04A	30SEP04A		100	507,000.00	507,000.00																																																																																																																																																																																																																																					
Oversight and Supervision																																																																																																																																																																																																																																															
1407-002	Winding Facility, Tooling, Materials Oversight	01OCT03A	01OCT03A	186*	28MAY04A	28MAY04A		100	170,204.20	170,204.20	Chrzanowski= 381; Meighan=455;raftopolous=380																																																																																																																																																																																																																																				
1407.002.2	Winding Facility, Tooling, Materials Oversight	01JUN04A	01JUN04A	86*	30SEP04A	30SEP04A		100	113,623.20	113,623.20	Chrzanowski= 288; Meighan=200;raftopolous=288																																																																																																																																																																																																																																				
1407.002.3	Winding Facility, Tooling, Materials Oversight	01OCT04A	01OCT04*	0*	29OCT04A	15OCT04		LOE	19,475.24	19,475.24	raftopolous=116																																																																																																																																																																																																																																				
1407-002.1	Prep Winding Facility Ops Plan(reqd for TRT FRR)	01NOV04	01OCT04	10	12NOV04	14OCT04	1,228	LOE	0.00	0.00																																																																																																																																																																																																																																					
Autoclave																																																																																																																																																																																																																																															
1407-005	Domes & cylinder Fab & Deliver (PE4226)	01DEC03A	01DEC03A	18	23DEC03A	23DEC03A		100	20,167.42	20,167.42																																																																																																																																																																																																																																					
1407-006.2	Blower/Elec HW- Fab & Deliver (PE 4218)	31OCT03A	31OCT03A	18	31OCT03A	31OCT03A		100	509.60	509.60																																																																																																																																																																																																																																					
1407-008	Remaining Autoclave components-Deliver	01OCT03A	01OCT03A	49	31MAR04A	31MAR04A		100	11,466.00	11,466.00																																																																																																																																																																																																																																					
1407-011	Fabricate Autoclave	01OCT03A	01OCT03A	128*	31MAR04A	31MAR04A		100	163,036.80	163,036.80																																																																																																																																																																																																																																					
1407-011.1	Autoclave assembly	01JUL04A	01JUL04A	26*	06AUG04A	06AUG04A		100	18,432.00	18,432.00	kearns=120; hause=120																																																																																																																																																																																																																																				
1407-011.2	Rebuild vacuum pumps (2)	01AUG04A	01AUG04A	15	31AUG04A	31AUG04A		100	18,432.00	18,432.00	kearns=120;hause=120																																																																																																																																																																																																																																				

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Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	FY04												FY05												FY06												FY07												FY08											
											J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M												J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M												J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M												J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M												J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M											
1408-999	3rd winding line conductor payout sys	01FEB05*	01FEB05*	82	25MAY05	25MAY05	182		0.00	69,584.16													41=10k; em/sm=424; em/tb=120																																															
1407-100.5	Complete Fab & Instl Turning Fixt 4	28JAN05*	28JAN05*	15	17FEB05	17FEB05	186		0.00	20,301.21													simmons=44;bartzek=195																																															
1407-100.6	Complete Electr hookup turning fixtures 4	28JAN05*	28JAN05*	15	17FEB05	17FEB05	186		0.00	3,391.02													steer=18;em/tb=18																																															
1407-110.3	Compl Fabr Winding clamp sets (300 of 400)	01NOV04*	01OCT04*	97	28MAR05	28FEB05	159		0.00	74,492.76													em/sm=564,em/tb=60;41=\$6																																															
1407-124	Fab casting to ring assy fixture station 1	01OCT04A	03JAN05*	34	29OCT04A	17FEB05		100	21,768.00	21,768.00													delaney=200																																															
1407-124.5	Electrical Installations	01OCT04A	01OCT04*	0*	29OCT04A	29OCT04		100	21,637.60	21,637.60													steer,gilani,lane=272																																															
1407-126.1	Complete Fab Type A casting supports (6) sets	01OCT04A	01OCT04*	98	28FEB05	25FEB05	179	90	5,584.42	6,204.90													simmons=39;homer=39																																															
1407-127.1	Complete Fab Type B casting supports (6) sets	01OCT04A	01OCT04	98	28FEB05	28FEB05	179	65	15,305.42	23,546.80													simmons=148;homer=148																																															
1412-199	Complete Winding Facility ACC Review			0	28MAR05*	28FEB05*	159		0.00	0.00																																																												
VPI Preparations																																																																						
1407-107	Perform epoxy mixing trials with delivery sys	01NOV04*	01NOV04*	10	12NOV04	12NOV04	1,228		0.00	6,364.00													kearns=40;hause=40																																															
1407-109	Fab & assemble VPI delivery sys	01OCT04A	01NOV04*	31*	12NOV04	12NOV04	1,228	15	3,579.75	23,865.00													kearns=100;hause=100;bartzek=100																																															
Job:1408-Mod Coil Winding Supplies-CHRZANOWSKI																																																																						
0000																																																																						
1408-001	Apr-Sep YTD MIE Cost PPPL	01APR03A	01APR03A	64	30SEP03A	30SEP03A		100	29,790.00	29,790.00																																																												
Epoxy																																																																						
1408-111	Epoxy - Requisition	04JAN05*	04JAN05*	5	10JAN05	10JAN05	322		0.00	0.00																																																												
1408-114	Epoxy -Evaluate Bids & Award	11JAN05	11JAN05	15	31JAN05	31JAN05	322		0.00	0.00																																																												
1408-117	Epoxy -1st Delivery for Production	01AUG05*	01AUG05*	20	26AUG05	26AUG05	195		0.00	20,835.00													M&S= \$ 15 k																																															
1408-119	Epoxy -2nd Delivery for Production	01DEC05*	01DEC05*	20	29DEC05	05JAN06	151		0.00	19,350.00													M&S= \$ 15 k																																															
1408-121	Epoxy -3rd Delivery for Production	01FEB06*	01FEB06*	20	28FEB06	28FEB06	150		0.00	19,350.00													M&S= \$ 15 k																																															
1408-123	Epoxy -4th Delivery for Production	03APR06*	03APR06*	20	28APR06	28APR06	143		0.00	19,350.00													M&S= \$ 15 k																																															
1408-125	Epoxy -5th Delivery for Production	01JUN06*	01JUN06*	20	28JUN06	28JUN06	141		0.00	19,350.00													M&S= \$ 15 k																																															
1408-127	Epoxy -6th Delivery for Production	01AUG06*	01AUG06*	5	07AUG06	07AUG06	146		0.00	19,350.00													M&S= \$ 15 k																																															
Insulation for conductor																																																																						
1408-101	Insulation-Spec & Requisition	09JUL04A	09JUL04A	3*	13JUL04A	13JUL04A		100	0.00	0.00																																																												
1408-103	Insulation-Prep & Issue RFQ/RFP	01AUG04A	01AUG04A	10	20AUG04A	20AUG04A		100	0.00	0.00																																																												
1408-104	Insulation-Evaluate Bids & Award	23AUG04A	23AUG04A	5	31AUG04A	31AUG04A		100	0.00	0.00																																																												
1408-107	Insulation-Delivery for Production	01DEC04*	01DEC04*	11	15DEC04	15DEC04	243		0.00	6,945.00													M&S= \$ 5 k																																															
Copper Conductor																																																																						
1408-141	Copper Conductor -Spec & Requisition	02AUG04A	02AUG04A	3	27AUG04A	27AUG04A		100	2,571.20	2,571.20													chrzanowski=16																																															
1408-142	Copper Conductor -Prep & Issue RFQ/RFP	30AUG04A	30AUG04A	23*	30SEP04A	30SEP04A		90	0.00	0.00																																																												
1408-143	Copper Conductor -Evaluate Bids & Award	30SEP04A	30SEP04A	5	30SEP04A	30SEP04A			0.00	0.00																																																												
1408-143.1	Mod Coil Copper Conductor Awarded			0	01OCT04A	01OCT04A			0.00	0.00													***** MOULE MILESTONE Q1 12/31/04 *****																																															
1408-147	Copper Conductor -Delivery #1 PE005371	01OCT04A	01OCT04*	58*	23DEC04	21DEC04	237		0.00	130,149.30													M&S= \$ 93.7																																															
1408-145	Copper Conductor -Delivery #2 PE005371	27DEC04	22DEC04	69	01APR05	05APR05	317		0.00	130,149.30													M&S= \$ 93.7 k																																															
Chill Plates,Cladding&Tubing																																																																						
1408-131L	Chill Plates -Spec & Requisition	11FEB05	15FEB05	10	24FEB05	28FEB05	142		0.00	0.00																																																												
1408-133L	Chill plates -Bid & Award Material	25FEB05	01MAR05	20	24MAR05	28MAR05	142		0.00	0.00																																																												
1408-137L	Chill plates ,cladsding,tubing Fab Type C1	04APR05*	04APR05*	20	29APR05	29APR05	136		0.00	7,753.00													em/tb(homer)=80; 41=\$1k																																															
1408-137L1	Chill plates ,cladsding,tubing Fab Type C2	02MAY05	02MAY05	20	27MAY05	27MAY05	142		0.00	7,753.00													em/tb(homer)=80; 41=\$1k																																															
1408-137L2	Chill plates ,cladsding,tubing Fab Type A1	31MAY05	31MAY05	25	05JUL05	05JUL05	142		0.00	7,753.00													em/tb(homer)=80; 41=\$1k																																															

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	CD-3 Proposed Baseline
	xeep17
	Progress Bar
	Critical Activity

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Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	Gantt Chart																				
											FY04			FY05			FY06			FY07			FY08								
											J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M
1408-137L3	Chill plates ,cladsding,tubing Fab Type C3	06JUL05	06JUL05	25	09AUG05	09AUG05	142		0.00	7,753.00																					
1408-137L4	Chill plates ,cladsding,tubing Fab Type B1	10AUG05	10AUG05	25	13SEP05	14SEP05	142		0.00	7,753.00																					
1408-137L5	Chill plates ,cladsding,tubing Fab Type A2	14SEP05	15SEP05	25	18OCT05	19OCT05	142		0.00	7,765.77																					
1408-138L	Chill plates ,cladsding,tubing Fab Bal of A's	19OCT05*	20OCT05*	180	05JUL06	13JUL06	157		0.00	46,677.60																					
1408-139L	Chill plates ,cladsding,tubing Fab Bal of B's	03APR06*	03APR06*	134	09OCT06	11OCT06	123		0.00	46,774.26																					
G-11 Filler																															
1408-153	G-11 Filler Fabrication - Production Type C	11FEB05	15FEB05	163	29SEP05	04OCT05	154		0.00	85,309.80																					
1408-154	G-11 Filler Fabrication - Production Type B	06OCT05*	06OCT05*	150	09MAY06	15MAY06	136		0.00	86,370.00																					
1408-155	G-11 Filler Fabrication - Production Type A	03APR06*	03APR06*	105	29AUG06	30AUG06	122		0.00	86,370.00																					
Lead hardware																															
1408-163	Lead hardware Fabrication - Production Type C	11FEB05	15FEB05	159	23SEP05	28SEP05	154		0.00	96,421.80																					
1408-164	Lead hardware Fabrication - Production Type B	03OCT05*	03OCT05*	130	06APR06	12APR06	139		0.00	96,690.00																					
1408-165	Lead hardware Fabrication - Production Type A	03APR06*	03APR06*	105	29AUG06	30AUG06	122		0.00	96,690.00																					
Other																															
1408-137	Safety & Disposable supplies	01MAR05*	01MAR05*	401	22SEP06	03OCT06	150		0.00	19,912.89																					
1408-138	Misc. Supplies	01MAR05*	01MAR05*	401	22SEP06	03OCT06	299		0.00	15,930.31																					
1408-173	Epoxy for Shell Mold (Hysol)	01MAR05*	01MAR05*	250	21FEB06	28FEB06	162		0.00	23,220.00																					
1408-183	Tubing (Chem flor and Poly)	04JAN05*	03JAN05*	65	04APR05	01APR05	167		0.00	48,615.00																					
1408-184	Vulcanizing tape, felt and RTV	04JAN05*	03JAN05*	65	04APR05	01APR05	167		0.00	30,558.00																					
1408-185	Valves and Fittings	04JAN05*	03JAN05*	65	04APR05	01APR05	167		0.00	20,835.00																					
1408-186	Manifolds	04JAN05*	03JAN05*	127	30JUN05	29JUN05	202		0.00	80,939.00																					
Clamps																															
1408-131P	Clamps -Spec & Requisition	22AUG05*	22AUG05*	10	02SEP05	02SEP05	209		0.00	0.00																					
1408-133P	Clamps -Bid & Award	05SEP05	06SEP05	20	30SEP05	03OCT05	209		0.00	0.00																					
1408-137P	Clamps Production Type C	03OCT05	04OCT05	100	23FEB06	02MAR06	209		0.00	116,100.00																					
1408-138P	Clamps Production Type B	06FEB06*	06FEB06*	100	26JUN06	26JUN06	167		0.00	116,100.00																					
1408-139P	Clamps Production Type A	22JUN06*	22JUN06*	100	09NOV06	13NOV06	122		0.00	117,013.50																					
Groundwrap Insulation																															
1408-110	Gmdwrap Insulation-Spec & Requisition	04JAN05*	04JAN05*	3	06JAN05	06JAN05	176		0.00	0.00																					
1408-112	Gmdwrap-Bid & Award	07JAN05	07JAN05	3	11JAN05	11JAN05	176		0.00	0.00																					
1408-112.1	Gmdwrap-Delivery	12JAN05	12JAN05	50	22MAR05	22MAR05	176		0.00	27,780.00																					
Job: 1409 - Mod. Coil Test Stand-GETTELFINGER																															
Test Stand																															
1409-000	FY04 Oct-Mar	20OCT03A	20OCT03A	66*	31MAR04A	31MAR04A	100		215,830.82	215,830.82																					
1409-026	Install Electrical	01JAN04A	01JAN04A	94*	31MAR04A	31MAR04A	100		0.00	0.00																					
1409-030	Generate I2T Reqmnts	23FEB04A	23FEB04A	16	15MAR04A	15MAR04A	100		0.00	0.00																					
1409-036	Define N2 Election Scheme	23FEB04A	23FEB04A	2	24FEB04A	24FEB04A	100		0.00	0.00																					
1409-038	Plan/Procure N2 Ejection Scheme	25FEB04A	25FEB04A	14	15MAR04A	15MAR04A	100		0.00	0.00																					
1409-029	Oversight/Supervision	01APR04A	01APR04A	225*	25FEB05	25FEB05	182	LOE	23,612.01	35,667.70																					
1409-025	Complete Design	01APR04A	01APR04A	0*	30APR04A	30APR04A	100		26,931.20	26,931.20																					
1409-032	Design I2T Protection	01APR04A	01APR04A	0*	30APR04A	30APR04A	100		6,028.00	6,028.00																					
1409-034	Fabricate I2T Cards	01APR04A	01APR04A	42*	28MAY04A	28MAY04A	100		15,795.00	15,795.00																					
1409-040	Install N2 Ejection Scheme	01MAY04A	01MAY04A	85*	31AUG04A	31AUG04A	100		12,740.00	12,740.00																					
1409-027	Cryo Line Installation	03MAY04A	03MAY04A	128*	01NOV04	01NOV04	231	5	1,416.51	28,330.20																					

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**NCSX
ECP 18 Baseline
** October Status ****

Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	Gantt Chart																								
											FY04			FY05			FY06			FY07			FY08												
											J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
1409-110	ES&H Peer Review	05APR04A	05APR04A	1	05APR04A	05APR04A		100	0.00	0.00																									
1409-100	Design Controls Modifications	08APR04A	08APR04A	37*	28MAY04A	28MAY04A		100	46,696.80	46,696.80	Gettelfinger=60; Marsala=180; Gernhardt=92																								
1409-120	Install Control Modifications	01MAY04A	01MAY04A	42*	30JUN04A	30JUN04A		100	12,288.00	12,288.00	erm//tb=160																								
1409-140	Design Closed Loop LN2 System	02AUG04A	02AUG04A	65*	01NOV04	01NOV04	1,237	95	0.00	0.00	[Gantt Bar]																								
1409-141	Modify Cryostat for TRC	07FEB05*	07FEB05*	10	18FEB05	18FEB05		1,167	0.00	0.00																									
1409-130	Cryostat (specimen shroud) dsn	04JAN05*	03JAN05*	40	28FEB05	25FEB05		362	0.00	6,699.60	Gettelfinger =40																								
1409-145	FDR closed loop LN2 syst	10NOV04*	01NOV04*	1	10NOV04	01NOV04		221	0.00	0.00																									
1409-150	Proc Mat'l's/pump f/closed LN2	02AUG04A	02AUG04A	95*	15DEC04	15DEC04	221	50	9,991.21	19,982.41	41=\$15																								
1409-155	Fab/Instl Closed Loop LN2 sys	01DEC04*	01NOV04*	44	09FEB05	12JAN05		188	0.00	13,060.80	delaney=120																								
1409-135	Cryostat (specimen shroud) Fabr & Install	01MAR05	28FEB05	43	28APR05	27APR05		362	0.00	23,436.00	41=\$10k; erm//tb=120																								
1409-044	Final Design & ACC Review	21FEB05	21FEB05	0	18FEB05	18FEB05		1,167	0.00	0.00																									
1409-028	System Testing (planar racetrack)	21JAN05*	21JAN05*	26	25FEB05	25FEB05		182	0.00	18,569.95	gettelfinger=80;erm//tb=65																								
1409-160	Test Closed Loop Cooling	18FEB05	18FEB05	6	25FEB05	25FEB05		182	0.00	3,182.00	Herskowitz=40																								
1409-165	Closed Loop Facility Available for TRC			0	25FEB05	25FEB05		182	0.00	0.00	[Milestone]																								
1409-199	Closed Loop Facility Available for Production MC			0	28APR05	27APR05		362	0.00	0.00	[Milestone]																								

Job: 1411-MCWF Fabrication S005242-HEITZENROEDER

Type C Castings

Activity ID	Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	Remarks
172-031	Title III engr	24MAY04A	24MAY04A	589*	29SEP06	29SEP06	761	LOE	32,241.30	169,691.11	Heitzenroeder =342hr; Williamson = 200 hr ; travel=\$48k
1064.1	Payment #1 Reporting &Materials	29OCT04A	15OCT04*	146	30MAY05	13MAY05	1,123	C	111,120.00	1,019,250.00	41=500; 48=324.746
1064.2	Payment #2 Pattern work	15NOV04*	15NOV04*	20	14DEC04	14DEC04	1,239		0.00	153,270.00	48=153.27
1064.3	Payment #3 Pattern work and Major Tool Startup	15DEC04*	15DEC04*	19	13JAN05	13JAN05	1,220		0.00	610,970.00	48=610.974
1064.4	Payment #4 Pattern work	14JAN05*	14JAN05*	22	14FEB05	14FEB05	1,198		0.00	145,570.00	48=145.57
1064.5	Payment #5 Pattern work and Major Tool	15FEB05*	15FEB05*	20	14MAR05	14MAR05	1,178		0.00	256,650.00	256.65
1064.6	Payment #6 Pattern Work&Deliver C1 for machining	15MAR05*	15MAR05*	23	14APR05	14APR05	1,155		0.00	158,510.00	48=158.507
1064.7	Payment #7 Deliver C-2 for Machining	15APR05*	15APR05*	16	06MAY05	06MAY05	1,139		0.00	178,670.00	48=178.676
1071	Payment #8 Ship C-1 to PPPL	09MAY05*	09MAY05*	5	13MAY05	13MAY05	114		0.00	333,590.00	48=333.588
C-121.1	First MCWF C-1 Delivered			0	13MAY05	13MAY05	114		0.00	0.00	[Milestone]
1092	Payment #9 Ship C-2 to PPPL	16MAY05	16MAY05	44*	14JUL05	14JUL05	114		0.00	333,590.00	48=333.588
1091	Second Casting C-2 Delivered to PPPL			0	14JUL05	14JUL05	114		0.00	0.00	[Milestone]
1112	Payment #10 Ship A-1 to PPPL	15JUL05	15JUL05	17	08AUG05	08AUG05	117		0.00	333,580.00	48=333.588
1111	Third Casting A-1 Delivered to PPPL			0	08AUG05	08AUG05	117		0.00	0.00	[Milestone]
C-321	Payment #11 Castings-C-3	09AUG05	09AUG05	16	30AUG05	30AUG05	117		0.00	333,590.00	48=333.588
C-401	Payment #12 Castings-B-1	02SEP05	02SEP05	15	22SEP05	22SEP05	117		0.00	333,590.00	48=333.588
C-461.1	Payment #13 accrual	30SEP05*	30SEP05*	1	30SEP05	30SEP05	1,034		0.00	333,590.00	48=333.588
C-461	Payment #13 Castings-A-2	27SEP05	27SEP05	15	17OCT05	17OCT05	117		0.00	0.00	[Gantt Bar]

Type B Castings

C-141	Payment #14 Castings-A-3	20OCT05	20OCT05	19	15NOV05	15NOV05	117		0.00	333,590.00	48=333.588
C-201	Payment #15 Castings-A-4	16NOV05	16NOV05	19	12DEC05	12DEC05	117		0.00	333,590.00	48=333.588
C-281	Payment #16 Castings-A-5	15DEC05	15DEC05	19	10JAN06	10JAN06	117		0.00	333,580.00	48=333.588
C-341	Payment #17 Castings-A-6	13JAN06	13JAN06	19	08FEB06	08FEB06	117		0.00	333,590.00	48=333.588
C-421	Payment #18 Castings-B-2	13FEB06	13FEB06	19	09MAR06	09MAR06	117		0.00	333,590.00	48=333.588
C-481	Payment #19 Castings-B-3	14MAR06	14MAR06	19	07APR06	07APR06	117		0.00	333,590.00	48=333.588

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Legend: ■ CD-3 Proposed Baseline ■ hecp17 ■ Progress Bar ■ Critical Activity

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**NCSX
ECP 18 Baseline
** October Status ****

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Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	Gantt Chart																								
											FY04			FY05				FY06				FY07			FY08										
											J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
Type A Castings																																			
C-161B	Payment #20 Castings-B-4	12APR06	12APR06	19	08MAY06	08MAY06	117		0.00	333,590.00																									
C-221B	Payment #21 Castings-B-5	11MAY06	11MAY06	18	05JUN06	05JUN06	117		0.00	333,590.00																									
C-301B	Payment #22 Castings-B-6	08JUN06	08JUN06	18	03JUL06	03JUL06	117		0.00	244,250.00																									
C-301B.1	Payment #22 Castings- C-4	04JUL06	04JUL06	17	26JUL06	26JUL06	117		0.00	244,250.00																									
C-361B	Payment #23 Castings-C-5	27JUL06	27JUL06	17	18AUG06	18AUG06	117		0.00	333,590.00																									
C-441B	Payment #24 Castings C-6	23AUG06	23AUG06	17	14SEP06	14SEP06	117		0.00	192,770.00																									
C-501B1	Last MCWF Delivered			0	14SEP06	14SEP06	117		0.00	0.00																									
Job: 1431 - Modular Coil Local I&C																																			
174-001	Title I design WBS 143 Mod coil local I&C	03OCT05*	03OCT05*	30	11NOV05	11NOV05	870		0.00	14,252.83																									
174-011	Title II design WBS 143 Mod coil local I&C	14NOV05	14NOV05	30	04JAN06	04JAN06	870		0.00	14,252.83																									
174-035	Modular Coil local I&C -Procurement	05JAN06	05JAN06	60	29MAR06	29MAR06	884		0.00	17,195.70																									
174-036	Modular Coil local I&C -Title III	05JAN06	05JAN06	80	26APR06	26APR06	884		0.00	5,604.24																									
174-037	Modular Coil local I&C -Install	15JAN07*	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)	16MAY05	16MAY05	12	01JUN05	01JUN05	125		0.00	0.00																									
P1-091	Receive C2, Prep& Instl Cladding(Station 1)	15JUL05	15JUL05	12	01AUG05	01AUG05	111		0.00	0.00																									
P2-001	Receive A-1, Prep& Instl Cladding(Station 1)	09AUG05	09AUG05	12	24AUG05	24AUG05	114		0.00	0.00																									
P2-091	Receive C3, Prep& Instl Cladding(Station 1)	31AUG05	31AUG05	12	16SEP05	16SEP05	132		0.00	0.00																									
P3-001	Receive B1, Prep& Instl Cladding(Station 1)	23SEP05	23SEP05	12	10OCT05	10OCT05	144		0.00	0.00																									
P3-091	Receive A2, Prep& Instl Cladding(Station 1)	19OCT05	20OCT05	12	03NOV05	04NOV05	138		0.00	0.00																									
P1-031	Receive A3, Prep& Instl Cladding(Station 1)	16NOV05	16NOV05	12	05DEC05	05DEC05	141		0.00	0.00																									
P1-121	Receive A4, Prep& Instl Cladding(Station 1)	13DEC05	13DEC05	12	05JAN06	05JAN06	152		0.00	0.00																									
P2-031	Receive A5, Prep& Instl Cladding(Station 1)	11JAN06	11JAN06	12	26JAN06	26JAN06	149		0.00	0.00																									
P2-121	Receive A6, Prep& Instl Cladding(Station 1)	09FEB06	09FEB06	12	24FEB06	24FEB06	156		0.00	0.00																									
P3-031	Receive B2, Prep& Instl Cladding(Station 1)	10MAR06	10MAR06	12	27MAR06	27MAR06	147		0.00	0.00																									
P3-121	Receive B3, Prep& Instl Cladding(Station 1)	10APR06	10APR06	12	25APR06	25APR06	138		0.00	0.00																									
P1-061	Receive B4, Prep& Instl Cladding(Station 1A)	09MAY06	09MAY06	12	24MAY06	24MAY06	131		0.00	0.00																									
P1-151	Receive B5, Prep& Instl Cladding(Station 1A)	06JUN06	06JUN06	12	21JUN06	21JUN06	124		0.00	0.00																									
P2-061	Receive B6, Prep& Instl Cladding(Station 1A)	05JUL06	05JUL06	12	20JUL06	20JUL06	116		0.00	0.00																									
P2-151	Receive C4, Prep& Instl Cladding(Station 1A)	27JUL06	27JUL06	12	11AUG06	11AUG06	113		0.00	0.00																									
P3-061	Receive C5, Prep& Instl Cladding(Station 1A)	21AUG06	21AUG06	12	06SEP06	06SEP06	116		0.00	0.00																									
P3-151	Receive C6, Prep& Instl Cladding(Station 1A)	15SEP06	15SEP06	12	02OCT06	02OCT06	110		0.00	0.00																									
Station 2-Winding, Instl Chill Plates,Tubing,Bag																																			
P1-011	Wind coil C-1 (station 2)	02JUN05*	02JUN05*	49	10AUG05	10AUG05	125		0.00	0.00																									
P1-011J	Complete Winding First Modular Coil			0	10AUG05	10AUG05	1,046		0.00	0.00																									
P1-020	Instl Chill Plates,Tubing, Bag C1 (Station 2)	11AUG05	11AUG05	33	27SEP05	27SEP05	125		0.00	0.00																									
P2-101	Wind coil C-3 (station2)	28SEP05	28SEP05	38	18NOV05	18NOV05	125		0.00	0.00																									
P2-110	Instl Chill Plates,Tubing, Bag C3(Station 2)	21NOV05	21NOV05	25	04JAN06	04JAN06	125		0.00	0.00																									
P1-041	Wind coil A3 (station 2)	05JAN06	05JAN06	38	27FEB06	27FEB06	125		0.00	0.00																									

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CD-3 Proposed Baseline
 xecp17
 Progress Bar
 Critical Activity

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NCSX
ECP 18 Baseline
**** October Status ****

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Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	Gantt Chart																							
											FY04			FY05				FY06				FY07				FY08								
											J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
P1-171	Test Coil (Coil Test Stand) B5	13SEP06	14SEP06	7	21SEP06	22SEP06	117		0.00	0.00																								
P2-081	Test Coil (Coil Test Stand) B6	27SEP06	28SEP06	7	05OCT06	06OCT06	114		0.00	0.00																								
P2-171	Test Coil (Coil Test Stand) C4	11OCT06	12OCT06	7	19OCT06	20OCT06	111		0.00	0.00																								
P3-171	Test Coil (Coil Test Stand) C5	31OCT06	31OCT06	6	07NOV06	07NOV06	119		0.00	0.00																								
P3-081	Test Coil (Coil Test Stand) C6	28NOV06	28NOV06	6	05DEC06	05DEC06	110		0.00	0.00																								
LABR																																		
171-040	Winding Oversight (LOE)	16MAY05*	16MAY05*	391	05DEC06	06DEC06	716		0.00	650,273.43																								
171-041	Modular Coil Winding (18 coils)	16MAY05	16MAY05	391*	05DEC06	05DEC06	110		0.00	3,175,015.28																								
171-041CT	PBR Increment for cold testing	14DEC05	15DEC05	244*	05DEC06	05DEC06	110		0.00	444,029.24																								
TITLE3WIND	Titel III Design-PRODUCTION WINDING	01JUN05*	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	07OCT03A	1	07OCT03A	07OCT03A	100		0.00	0.00																								
1501-109	Prepare FY 04 WP/WAF	31OCT03A	31OCT03A	20	31OCT03A	31OCT03A	100		12,856.00	12,856.00																								
1501-113	Prepare PBR documentation	04NOV03A	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 recomn	21OCT03A	21OCT03A	30	26NOV03A	26NOV03A	100		28,765.30	28,765.30																								
1501-133	Prepare a "scope sheet" which defines all interf	03NOV03A	03NOV03A	124	30SEP04A	30SEP04A	LOE		5,624.50	5,624.50																								
1501-FY05	Prelim & Final Design Structures	01MAR05*	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	30AUG05	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 151 Coil Support Assy Procurement [A/1]	02DEC05	02DEC05	249	30NOV06	01DEC06	161		0.00	985,700.49																								
162-031	Title III engr WBS 151	02DEC05	02DEC05	249	30NOV06	01DEC06	719		0.00	156,985.78																								
153.037	WBS 153 Support Structure I&C Procurement/Fab	03APR06*	03APR06*	249	30MAR07	02APR07	639		0.00	8,647.88																								
153.015	Title III design WBS 153 local&C	02OCT06*	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*	01DEC05*	65	09MAR06	09MAR06	216		0.00	50,654.84																								
191-011	Title II design WBS 161 LN2 manifolds&piping	10MAR06	10MAR06	60	02JUN06	02JUN06	216		0.00	101,456.92																								
191-031	Title III engr WBS 161	05JUN06*	05JUN06*	280	17JUL07	18JUL07	564		0.00	14,529.54																								
191-037	Procurement WBS 161	01SEP06*	01SEP06*	130	14MAR07	14MAR07	153		0.00	69,873.63																								
191-038	PDR#17	15MAR07*	15MAR07*	86	16JUL07	16JUL07	565		0.00	58,777.00																								
191-041	LN2 Manifolds & ppg Fab/assy/instl WBS 161	19APR07*	19APR07*	62	17JUL07	17JUL07	128		0.00	32,466.17																								
191-042	PDR #17,25,3	19APR07*	19APR07*	65	20JUL07	20JUL07	561		0.00	10,346.85																								
162 - Electrical Leads																																		
132-000	PDR #17 & 25	30NOV05*	30NOV05*	325	22MAR07	23MAR07	645		0.00	40,192.85																								

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CD-3 Proposed Baseline
 xeep17
 Progress Bar
 Critical Activity

0410

NCSX
ECP 18 Baseline
**** October Status ****

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Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	Gantt Chart																								
											FY04			FY05			FY06			FY07			FY08												
											J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
132-001	Title I design WBS 162 Coil leads	01DEC05*	01DEC05*	130	09JUN06	09JUN06	208		0.00	131,638.16																									
132-011	Title II design WBS 162 Coil leads	12JUN06	12JUN06	130	14DEC06	15DEC06	208		0.00	134,254.23																									
132-015	Title III design WBS 162 Coil leads	15DEC06*	18DEC06*	60	16MAR07	19MAR07	649		0.00	16,089.08																									
132-037	Coil Leads Procurement WBS 162	17MAY07*	18MAY07*	60	10AUG07	13AUG07	105		0.00	296,296.50																									
163 - Coil Protection System																																			
163.001	Title I design WBS 163 Coil protection	03OCT05*	03OCT05*	65	11JAN06	11JAN06	905		0.00	39,432.08																									
163.011	Title II design WBS 163 Coil protection	12JAN06	12JAN06	40	08MAR06	08MAR06	905		0.00	39,432.08																									
17 - Cryostat and Base Support Structure																																			
Job:1701-Cryostat&Base Sprt Strct Dsn-GETTLEFINGER																																			
0000																																			
1701-001	Apr-Sept MIE Costs PPPL	01APR03A	01APR03A	54	30SEP03A	30SEP03A		100	12,180.00	12,180.00																									
151-000	Adv Concep Design Cryostat shell & struct	01DEC03A	01DEC03A	103*	31MAR04A	31MAR04A		100	0.00	0.00																									
151-001	Title I design WBS 171 cryostat shell & struct	01APR04A	01APR04A	180*	15DEC04	15DEC04	222	85	108,801.07	128,001.26																									
161-001	Title I design WBS 172 base support struct	01APR04A	01APR04A	180*	15DEC04	15DEC04	222	85	43,205.11	50,829.54																									
151-002	Cryostat & Base Support Struct PDR			0	15DEC04	15DEC04	222		0.00	0.00																									
161-011	Final Design Base Support Structure WBS 172	16DEC04	16DEC04	152	28JUL05	28JUL05	222		0.00	62,374.28																									
172-199	Base Support Structure FDR			0	28JUL05	28JUL05	222		0.00	0.00																									
151-011	Final Design Cryostat WBS 171	29JUL05*	29JUL05	196	11MAY06	11MAY06	222		0.00	228,962.22																									
171-199	Cryostat FDR			0	11MAY06	11MAY06	222		0.00	0.00																									
Job: 1751 - Cryostat Procurement																																			
171 - Cryostat																																			
151-031	Title III engr	12MAY06	12MAY06	405	21DEC07	02JAN08	454		0.00	30,545.97																									
151-036.8	Prep Spec, Solicit bids, and Select Vendor	12MAY06	12MAY06	65	14AUG06	15AUG06	222		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*	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*	03OCT05*	240	18SEP06	19SEP06	770		0.00	47,352.48																									
161-036.8	Prep Spec, Solicit bids, and Select Vendor	29JUL05	29JUL05	65	28OCT05	28OCT05	329		0.00	0.00																									
161-036.9	Award Machine Base&supports Procurement			0	28OCT05*	28OCT05*	329		0.00	0.00																									
161-037	Machine Base&supports Procurement [A/1]	31OCT05	31OCT05	90	15MAR06	15MAR06	329		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	01APR03A	42	30SEP03A	30SEP03A		100	7,750.00	7,750.00																									
1801-002	Apr-Sept MIE Costs ORNL	01APR03A	01APR03A	42	30SEP03A	30SEP03A		100	53,050.00	53,050.00																									
Job: 1802 - FP Assy Oversight&Support-VIOLA																																			
Oversight and Supervision																																			
181.100	PPPL EM LOE FY04	13OCT03A	13OCT03A	242*	30SEP04A	30SEP04A		LOE	77,947.50	77,947.50																									
181.200	HP Coverage in the TFTR TC LOE FY04	02FEB04A	02FEB04A	171*	30SEP04A	30SEP04A		LOE	115,320.00	115,320.00																									
181.201	D-Site Shift Supervisor LOE FY04	01JUL04A	01JUL04A	64*	30SEP04A	30SEP04A		LOE	25,920.40	25,920.40																									
181.110	PPPL EM LOE FY05	01OCT04A	01OCT04*	249*	30SEP05	30SEP05	1,010	LOE	3,981.77	47,402.00																									
181.210	HP Coverage in the TFTR TC LOE FY05	01OCT04A	01OCT04*	249*	30SEP05	30SEP05	1,010	LOE	11,938.84	142,129.00																									
181.120	PPPL EM LOE FY06	03OCT05*	03OCT05*	250*	02OCT06	02OCT06	760		0.00	220,592.53																									

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CD-3 Proposed Baseline
 xecp17
 Progress Bar
 Critical Activity

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NCSX
ECP 18 Baseline
** October Status **

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Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	FY04				FY05				FY06				FY07				FY08																			
											J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M
											sh/tb=1300																																			
181.121	PPPL EM LOE FY06	02OCT06*	02OCT06*	207*	31JUL07	31JUL07	554		0.00	179,340.00	Viola=1000																																			
181.220	HP Coverage in the TFTR TC LOE FY06	03OCT05*	03OCT05*	250*	02OCT06	02OCT06	760		0.00	144,966.02																																				
Job: 1803- FP Assy Tool/Constructability-BROWN																																														
VV Prep Station																																														
1803-1.01	Concept definition and requirements	08NOV04*	08NOV04*	10	19NOV04	19NOV04	273		0.00	16,352.40	BROWN =60hr ; PAUL =60 ;																																			
1803-1.02	VV Support Fixture - model design& drawing detai	22NOV04	22NOV04	15	14DEC04	14DEC04	273		0.00	13,901.12	BROWN =08hr ; PAUL =120 ;																																			
1803-1.04	Metrology -sightline layout metrology support	15DEC04*	15DEC04*	32	31JAN05	04FEB05	273		0.00	25,989.20	BROWN =80hr ; PAUL =120 ;																																			
1803-1.05	Structural / Seismic Analysis check	04JAN05*	03JAN05*	10	17JAN05	14JAN05	282		0.00	13,431.20	ANALYST =80hr ;																																			
1803-1.06	Design review PDR	18JAN05*	17JAN05*	1	18JAN05	17JAN05	282		0.00	2,014.68	BROWN =12hr ;																																			
1803-1.09	Safety Review documentation / presentation	18JAN05	24JAN05	10	31JAN05	04FEB05	273		0.00	2,686.24	BROWN =16hr ;																																			
1803-1.061	Design review FDR	01FEB05*	07FEB05*	1	01FEB05	07FEB05	273		0.00	2,014.68	BROWN =12hr ;																																			
1803-1.07	Design check and sign-off	02FEB05*	08FEB05*	5	08FEB05	14FEB05	273		0.00	3,523.44	BROWN =16hr ; PAUL =08 ;																																			
1803-1.10	Fab / Design Review - follow-up activities	02FEB05	08FEB05	10	15FEB05	21FEB05	324		0.00	6,872.24	BROWN =16hr ; PAUL =40 ;																																			
1803-1.08	Prep & Issue Spec,dwgs,and requisition	09FEB05*	15FEB05*	1	09FEB05	15FEB05	273		0.00	2,686.24	BROWN =16hr ;																																			
1803-1.081	Procurement Lead Time and Award	10FEB05	16FEB05	55	27APR05	03MAY05	273		0.00	0.00																																				
1803-1.12	FAB - VV support Fixture	03OCT05*	03OCT05*	35	18NOV05	18NOV05	163		0.00	12,900.00	41=10\$K ;																																			
1803-1.13	FAB VV Prep Station Platform	03OCT05*	03OCT05*	35	18NOV05	18NOV05	163		0.00	6,450.00	41=5\$K ;																																			
1803-1.14	FAB VV Prep Station metrology stands	03OCT05*	03OCT05*	35	18NOV05	18NOV05	163		0.00	6,450.00	41=5\$K ;																																			
Half Period Assembly																																														
1803-2.01	Concept definition and requirements	24FEB05*	24FEB05*	10	09MAR05	09MAR05	306		0.00	16,352.40	BROWN =60hr ; PAUL =60 ;																																			
1803-2.02	MC Holding Fixture 1 - model design and drawing	10MAR05	10MAR05	10	23MAR05	23MAR05	306		0.00	7,622.12	BROWN =08hr ; PAUL =60 ;																																			
1803-2.03	MC Assembly Fixture 2- design & drawing details	24MAR05	24MAR05	36	12MAY05	12MAY05	306		0.00	14,572.68	BROWN =12hr ; PAUL =120 ;																																			
1803-2.04	Metrology - sightline layout design details metr	15APR05	15APR05	20	12MAY05	12MAY05	306		0.00	18,445.40	BROWN =60hr ; PAUL =80 ;																																			
1803-2.05	Structural / Seismic Analysis check	07APR05	07APR05	10	20APR05	20APR05	306		0.00	13,431.20	ANALYST =80hr ;																																			
1803-2.06	PDR	21APR05*	21APR05*	1	21APR05	21APR05	306		0.00	2,014.68	BROWN =12hr ;																																			
1803-2.09	Safety Review documentation / presentation	29APR05	29APR05	10	12MAY05	12MAY05	306		0.00	2,686.24	BROWN =16hr ;																																			
1803-2.061	FDR	13MAY05	13MAY05	1	13MAY05	13MAY05	306		0.00	2,014.68	BROWN =12hr ;																																			
1803-2.10	Fab / Design Review - follow-up activities	16MAY05	16MAY05	10	27MAY05	27MAY05	1,116		0.00	6,872.24	BROWN =16hr ; PAUL =40 ;																																			
1803-2.07	Design check and sign-off	16MAY05	16MAY05	5	20MAY05	20MAY05	306		0.00	3,523.44	BROWN =16hr ; PAUL =08 ;																																			
1803-2.08A	Prep & Issue Spec,dwgs,and requisition	20MAY05	20MAY05	1	20MAY05	20MAY05	306		0.00	0.00																																				
1803-2.08	Procurement Lead Time and Award	23MAY05	23MAY05	55	09AUG05	09AUG05	306		0.00	2,686.24	BROWN =16hr ;																																			
1803-2.11	Fab MC HP Assy Fixtures (2)	03OCT05*	03OCT05*	65	05JAN06	11JAN06	268		0.00	25,800.00	41=20\$K ;																																			
1803-2.12	Fab MC MC HP Assy Metrology support stands (2)	03OCT05*	03OCT05*	65	05JAN06	11JAN06	268		0.00	12,900.00	41=10\$K ;																																			
MC Installation																																														
1803-3.01	Concept definition and requirements	01NOV04*	01NOV04*	5	05NOV04	05NOV04	348		0.00	10,901.60	BROWN =40hr ; MORRIS =40 ;																																			
1803-3.02	MC Turning Fixture and base - model design and d	08NOV04	08NOV04	25	14DEC04	14DEC04	348		0.00	14,572.68	BROWN =12hr ; MORRIS =120 ;																																			
1803-3.03	MC Gantry Crane - model design and drawing detai	15DEC04	15DEC04	15	06JAN05	12JAN05	348		0.00	14,572.68	BROWN =12hr ; MORRIS =120 ;																																			
1803-3.04	VV support stand - model design and drawing deta	04JAN05*	04JAN05*	10	17JAN05	17JAN05	341		0.00	9,043.56	BROWN =04hr ; MORRIS =80 ;																																			
1803-3.05	Platform - design and drawing details	08FEB05*	08FEB05*	10	21FEB05	21FEB05	316		0.00	9,379.34	BROWN =06hr ; MORRIS =80 ;																																			
1803-3.06	Metrology - sightline layout design details metr	09NOV04*	09NOV04*	70	18FEB05	24FEB05	317		0.00	15,087.60	BROWN =40hr ; MORRIS =80 ;																																			
1803-3.07	Structural / Seismic Analysis check	25JAN05	25JAN05	15	14FEB05	14FEB05	321		0.00	26,862.40	ANALYST =160hr ;																																			
1803-3.08	PDR Platform & Support Stands	17JAN05*	17JAN05*	1	17JAN05	17JAN05	321		0.00	1,007.34	BROWN =6hr ;																																			
1803-3.12	Safety Review documentation / presentation	01FEB05*	01FEB05*	10	14FEB05	14FEB05	321		0.00	2,686.24	BROWN =16hr ;																																			

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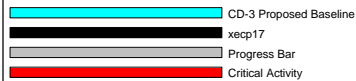
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NCSX
ECP 18 Baseline
** October Status **

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Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	FY04					FY05					FY06					FY07					FY08																						
											J	A	S	O	N	J	F	M	A	M	J	J	A	S	O	N	J	F	M	A	M	J	J	A	S	O	N	J	F	M	A	M	J	J	A	S	O	N	J	F	M	A	M
											Gantt chart area with resource assignments and bars																																										
1803-3.081	FDR Platform & Support Stands	22FEB05	25FEB05	1	22FEB05	25FEB05	316		0.00	1,007.34	BROWN =6hr ;																																										
1803-3.082	PDR Turning Fixture,base&gantry crane	23DEC04*	23DEC04*	1	23DEC04	23DEC04	336		0.00	1,007.34	BROWN =6hr ;																																										
1803-3.083	FDR Turning Fixture,base&gantry crane	15FEB05	15FEB05	1	15FEB05	15FEB05	321		0.00	1,007.34	BROWN =6hr ;																																										
1803-3.09	Design check and sign-off	23FEB05	28FEB05	5	01MAR05	04MAR05	316		0.00	3,523.44	BROWN =16hr ; MORRIS =08 ;																																										
1803-3.10A	Prep & Issue Spec,dwgs,and req-turning fixt	01JUL05	01JUL05	1	01JUL05	01JUL05	229		0.00	0.00																																											
1803-3.10	Procurement lead time turning fixt,base&gantry	05JUL05*	05JUL05*	55	19SEP05	20SEP05	229		0.00	10,073.40	BROWN =60hr ;																																										
1803-3.15	FAB - MC Turning fixture & Base	03OCT05*	03OCT05*	140	20APR06	26APR06	220		0.00	161,250.00	41=125\$k ;																																										
1803-3.15A	FAB - MC Gantry Crane	03OCT05*	03OCT05*	140	20APR06	26APR06	220		0.00	15,480.00	41=12\$k ;																																										
1803-3.110	Prep & Issue Spec,dwgs,and req-pltfm&sprts	01JUL05	01JUL05	1	01JUL05	01JUL05	299		0.00	0.00																																											
1803-3.101	Procurement lead time platforms & supports	05JUL05*	05JUL05*	55	19SEP05	20SEP05	299		0.00	10,073.40	BROWN =60hr ;																																										
1803-3.16	FAB - VV suprt stand & misc crane fixtures	03OCT05*	03OCT05*	70	12JAN06	18JAN06	290		0.00	19,350.00	41=15\$k ;																																										
1803-3.16A	FAB -Platform	03OCT05*	03OCT05*	70	12JAN06	18JAN06	290		0.00	12,900.00	41=10\$k ;																																										
1803-3.16B	FAB -MC Installation Metrology sprt stands	03OCT05*	03OCT05*	70	12JAN06	18JAN06	290		0.00	6,450.00	41=5\$k ;																																										
1803-3.11	Procurement Technical Rep	05JUL05	05JUL05	140	20JAN06	27JAN06	952		0.00	25,794.05	BROWN =152hr ;																																										
1803-3.13	Fabrication - follow-up activities	05JUL05	05JUL05	140	20JAN06	27JAN06	952		0.00	11,018.86	BROWN =40hr ; MORRIS =40 ;																																										
Final FP Assembly																																																					
1803-4.01	Concept definition and requirements	03OCT05*	03OCT05*	5	07OCT05	07OCT05	224		0.00	11,117.60	BROWN =47hr ; MORRIS =40 ;																																										
1803-4.02	MC Support Stand - model design and drawing deta	10OCT05	10OCT05	15	28OCT05	28OCT05	224		0.00	14,861.04	BROWN =12hr ; MORRIS =120 ;																																										
1803-4.03	TF HP support turning fixture - model design d	31OCT05	31OCT05	15	18NOV05	18NOV05	224		0.00	14,861.04	BROWN =12hr ; MORRIS =120 ;																																										
1803-4.04	FP Assembly platform - model design drawing det	21NOV05	21NOV05	15	13DEC05	13DEC05	224		0.00	14,861.04	BROWN =12hr ; MORRIS =120 ;																																										
1803-4.05	VV Port Alignment/Weldment Fixture - design and	14DEC05	14DEC05	25	19JAN06	25JAN06	224		0.00	14,861.04	BROWN =12hr ; MORRIS =120 ;																																										
1803-4.06	Metrology - sightline layout design details metr	14DEC05	14DEC05	25	19JAN06	25JAN06	224		0.00	9,907.36	BROWN =08hr ; MORRIS =80 ;																																										
1803-4.07	Structural / Seismic Analysis check	06DEC05	06DEC05	10	19DEC05	19DEC05	224		0.00	13,697.60	ANALYST =80hr ;																																										
1803-4.08	PDR	20DEC05	20DEC05	1	20DEC05	20DEC05	224		0.00	1,369.76	BROWN =8hr ;																																										
1803-4.081	FDR	20JAN06	26JAN06	1	20JAN06	26JAN06	224		0.00	1,369.76	BROWN =8hr ;																																										
1803-4.09	Design check and sign-off	23JAN06	27JAN06	5	27JAN06	02FEB06	224		0.00	3,593.28	BROWN =16hr ; MORRIS =08 ;																																										
1803-4.11	Safety Review documentation / presentation	06JAN06	12JAN06	10	19JAN06	25JAN06	224		0.00	2,739.52	BROWN =16hr ;																																										
1803-4.12	Fabrication - follow-up activities	17APR06	21APR06	65	18JUL06	25JUL06	224		0.00	7,008.32	BROWN =16hr ; MORRIS =40 ;																																										
1803-4.10A	Prep & Issue Spec,dwgs,and req-pltfm&sprts	27JAN06	02FEB06	1	27JAN06	02FEB06	224		0.00	0.00																																											
1803-4.10	Procurement lead time	30JAN06	03FEB06	55	14APR06	20APR06	224		0.00	4,109.28	BROWN =24hr ;																																										
1803-4.13	FAB-MC Support Stands (2)	17APR06*	21APR06*	65	18JUL06	25JUL06	224		0.00	25,800.00	41=20\$k ;																																										
1803-4.14	FAB-TF HP support & Turning Fixtures (2)	17APR06*	21APR06*	65	18JUL06	25JUL06	251		0.00	19,350.00	41=15\$k ;																																										
1803-4.15	FAB-FP Assy platforms (2)	17APR06*	21APR06*	65	18JUL06	25JUL06	224		0.00	38,700.00	41=30\$k ;																																										
1803-4.16	FAB-MC Temporary End Supports (2)	17APR06*	21APR06*	65	18JUL06	25JUL06	224		0.00	12,900.00	41=10\$k ;																																										
1803-4.17	FAB-Final FP Assy Metrology suprt stands (2)	17APR06*	21APR06*	65	18JUL06	25JUL06	224		0.00	12,900.00	41=10\$k ;																																										
1803-4.18	FAB-VV Port alignment/weldment fixtures (2)	17APR06*	21APR06*	65	18JUL06	25JUL06	224		0.00	12,900.00	41=10\$k ;																																										
Interface/Test Activities																																																					
1803-5.01	Finalize TFTR test cell FPA assembly layout draw	28JAN05*	28JAN05*	14	16FEB05	16FEB05	1,188		0.00	9,227.20	BROWN =40hr ; PAUL =24 ;																																										
1803-5.02	Establish an assembly interface requirements doc	24JAN05*	24JAN05*	10	04FEB05	04FEB05	1,121		0.00	6,715.60	BROWN =40hr ;																																										
1803-5.03	Develop test components as needed to qualify ass	02MAR05*	02MAR05*	15	22MAR05	22MAR05	1,104		0.00	53,539.80	BROWN PAUL =40hr ; ANALYST =80hr ; PAUL =120 ;41=15																																										
1803-5.04	Fab - Test Articles	23MAR05*	23MAR05*	45	24MAY05	24MAY05	1,104		0.00	0.00																																											
1803-5.05	Metrology Validation	25MAY05	25MAY05	15	15JUN05	15JUN05	1,104		0.00	0.00																																											

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Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	FY04												FY05												FY06												FY07												FY08																																									
											J			A			S			O			N			D			J			F			M			A			M			J			J			A			S			O			N			D			J			F			M			A			M			J			J			A			S			O			N			D		
											J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D																								
Oversight																																																																																																				
1803-7.01	Meetings Prep and Reporting	01NOV04*	01NOV04*	234*	30SEP05	30SEP05	1,028		0.00	116,143.45																									BROWN =341hr ; MORRIS =238 ; PAUL =190 ; Fan=84																																																																	
1803-7.02	Develop and maintain concept definition document	01NOV04*	01NOV04*	234*	30SEP05	30SEP05	1,028		0.00	10,073.40																									BROWN =60hr ;																																																																	
1803-7.03	Develop and maintain assembly plan document	01NOV04*	01NOV04*	234*	30SEP05	30SEP05	1,028		0.00	13,431.20																									BROWN =80hr ;																																																																	
1803-7.04	Mike Cole's FY05 on-site involvement in assembly	01NOV04*	01NOV04*	234*	30SEP05	30SEP05	1,028		0.00	23,558.40																									COLE =160hr ;																																																																	
1803-8	Metrology Support	01NOV04*	01NOV04*	234*	30SEP05	30SEP05	1,028		0.00	40,293.60																									RAFTOPOULOS =240hr ;																																																																	
Tooling Design & Fabrication																																																																																																				
713A.040	General procurements	03OCT05*	03OCT05*	498	28SEP07	01OCT07	512		0.00	9,806.25																																					41=\$7.5k																																																					
713A.050	Welding tools, materials & equipmt	03OCT05*	03OCT05*	498	28SEP07	01OCT07	512		0.00	9,806.25																																					41=\$7.5k																																																					
713A.060	Instl He gas piping from NSTX to D-site tc	02OCT06*	02OCT06*	65	10JAN07	10JAN07	696		0.00	43,287.80																																					ETC=+ Kalish=40; em/sm=40; em/tb=240 ETC=+ ea/dm=80; 41=\$ 5.6 k																																																					
Job: 1804-FP Assy Measurement Sys-RAFTOPOULOS																																																																																																				
Metrology																																																																																																				
740.010	Final Design Measurement systems	19JAN04A	19JAN04A	181*	30SEP04A	30SEP04A		LOE	69,422.40	69,422.40																																					Raftopoulos= 432																																																					
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	30JAN04A	10	30JAN04A	30JAN04A			0.00	0.00																																																																																										
740.030	Deliver 3-D Scanner & Romer Arm	01APR04A	01APR04A	10*	30APR04A	30APR04A		100	171,990.00	171,990.00																																																																																										
740.030A	Romer Arm Training	06JUL04A	06JUL04A	3*	08JUL04A	08JUL04A		100	0.00	0.00																																					135=\$ 5 k																																																					
740.031	Metrology Software Review			0	30JAN04A	30JAN04A			0.00	0.00																																																																																										
740.032	Prepare Met Software Requisition	30JAN04A	30JAN04A	10	30JAN04A	30JAN04A			0.00	0.00																																																																																										
740.035	Deliver Metrology Software	01DEC04*	01DEC04*	53	22FEB05	21FEB05	1,165		0.00	62,435.55																																					41=\$ 44.95 k R400938																																																					
740.020	Faculty Prep	03OCT05*	03OCT05*	95	22FEB06	22FEB06	915		0.00	60,857.04																																					em/sm=168; em/tb=392 travel=\$ 6 k																																																					
740.045	Purchase- second Faro Arm PE005330	01OCT04A	01OCT04*	102	29OCT04A	03MAR05		100	76,395.00	76,395.00																																					227=\$ 36 k																																																					
740.050	Purchase- targets [A/9]	01JUL05*	01JUL05*	130	12JAN06	12JAN06	944		0.00	34,725.00																																					41=\$ 25 k																																																					
1808 - TF/Mod Coil Sub-Assembly-VIOLA																																																																																																				
TF Coil Sub-assembly																																																																																																				
722.010	Receive/Inspect TF & PF Coils	07DEC05*	07DEC05*	276*	19JAN07	19JAN07	689		0.00	79,114.78																																					em/sm=268; em/tb=596																																																					
184-100	Assemble 3 TF coils&structure -Left-Period #1	13JUN06	13JUN06	10	26JUN06	26JUN06	230		0.00	34,838.40																																					em/sm=80; em/tb=320																																																					
184-105	Assemble 3 TF coils&structure -Right -Period #1	27JUN06	27JUN06	10	11JUL06	12JUL06	230		0.00	34,838.40																																					em/sm=80; em/tb=320																																																					
184-110	Assemble 3 TF coils&structure -Left-Period #2	12JUL06	13JUL06	10	25JUL06	26JUL06	230		0.00	34,838.40																																					em/sm=80; em/tb=320																																																					
184-115	Assemble 3 TF coils&structure -Right -Period #2	26JUL06	27JUL06	10	08AUG06	09AUG06	230		0.00	34,838.40																																					em/sm=80; em/tb=320																																																					
184-120	Assemble 3 TF coils&structure -Left -Period #3	14SEP06	13SEP06	10	27SEP06	26SEP06	205		0.00	34,838.40																																					em/sm=80; em/tb=320																																																					
184-125	Assemble 3 TF coils&structure -Right -Period #3	01DEC06	04DEC06	10	14DEC06	15DEC06	161		0.00	36,581.60																																					em/sm=80; em/tb=320																																																					
Stage 2 MC subassy FP#1																																																																																																				
S2P1-100	Assemble Mod-Coils a1.b1,c1 FP 1 left	10APR06	10APR06	27	16MAY06	16MAY06	202		0.00	65,544.96																																					EM/TB =808hr ;																																																					
S2P1-200	Assemble Mod-Coils a2.b2,c2 FP 1 right	04AUG06	07AUG06	27	11SEP06	13SEP06	129		0.00	65,544.96																																					EM/TB =808hr ;																																																					
Stage 2 MC subassy FP#2																																																																																																				
S2P2-100	Assemble Mod-Coils a3.b3,c3 FP 2 left	11SEP06*	11SEP06*	27	17OCT06	17OCT06	124		0.00	67,002.95																																					EM/TB =808hr ;																																																					
S2P2-200	Assemble Mod-Coils a4.b4,c4 FP 2 right *2 shift*	24OCT06	25OCT06	14	10NOV06	13NOV06	115		0.00	68,825.44																																					EM/TB =808hr ;																																																					
Stage 2 MC subassy FP#3																																																																																																				
S2P3-100	Assemble Mod-Coils a5.b5,c5 FP 3 left*2 shift*	10NOV06	10NOV06	14	01DEC06	01DEC06	123		0.00	68,825.44																																					EM/TB =808hr ;																																																					
S2P3-200	Assemble Mod-Coils a6.b6,c6 FP 3 right*2 shift*	14DEC06	08DEC06	14	04JAN07	04JAN07	110		0.00	68,825.44																																					EM/TB =808hr ;																																																					
Job:1810 - Field Period Assembly-VIOLA																																																																																																				
Stage 1 VV Prep FP#1																																																																																																				
S1P1-000	LOE support staff for FP assemblies	02DEC05	02DEC05	357*	26APR07	26APR07	110		0.00	297,683.26																																					raftopoulos (measurement) 1/2 Fte																																																					

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Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	Gantt Chart														
											FY04			FY05			FY06			FY07			FY08		
											J	J	A	S	O	N	D	J	F	M	A	M	J	J	A
19 - Stellarator Core Management and Integration																									
Job: 1901 - Stellarator Core Mngt&Integr-NELSON																									
0000																									
1901-002	Apr-Sept MIE Costs ORNL	01APR03A	01APR03A	248	30SEP03A	30SEP03A		100	187,090.00	187,090.00															
1901-003	Apr-Sept MIE Costs PPPL	01APR03A	01APR03A	248	30SEP03A	30SEP03A		100	67,070.00	67,070.00															
1901-ECP16	ecp16	01OCT03A	01OCT03A	250*	30SEP04A	30SEP04A		LOE	30,000.00	30,000.00															
191 - Stellarator Core Management & Oversight																									
191-4	LOE-FY04 WBS 191-4 Management Activities	01OCT03A	01OCT03A	250*	30SEP04A	30SEP04A		LOE	145,699.85	145,699.85	NELSON 395+670=1065 ;35= 5 k														
0191-5	LOE-FY05 WBS 191	01OCT04A	01OCT04*	249*	30SEP05	30SEP05	1,010	LOE	14,334.94	170,654.00	NELSON 1100 ;35=5 k														
0191-6	LOE-FY06 WBS 191	03OCT05*	03OCT05*	250*	02OCT06	02OCT06	526	LOE	0.00	170,673.65	NELSON 1100 ;35=5 k														
0191-6X	LOE-FY07 WBS 191	03OCT06*	03OCT06*	234	10SEP07	10SEP07	526	LOE	0.00	179,301.00	NELSON 1100 35=5 k														
0191-91	LOE-FY06 WBS 191 1 mo SO	01OCT07*	01OCT07*	22	30OCT07	30OCT07	346	LOE	0.00	7,877.20	NELSON=45;35=.5 k														
0191-92	LOE-FY06 WBS 191 1 mo SO	31OCT07*	31OCT07*	21	28NOV07	28NOV07	346	LOE	0.00	7,877.20	NELSON=45 ;35=.5 k														
0191-93	LOE-FY06 WBS 191 1 mo SO	03DEC07*	03DEC07*	15	21DEC07	21DEC07	346	LOE	0.00	7,877.20	NELSON=45 ;35=.5 k														
0191-94	LOE-FY06 WBS 191 1 mo SO	01JAN08*	02JAN08*	22	30JAN08	31JAN08	346	LOE	0.00	7,877.20	NELSON=45;35=.5 k														
0191-95	LOE-FY06 WBS 191 1 mo SO	31JAN08*	01FEB08*	22	29FEB08	03MAR08	346	LOE	0.00	7,877.20	NELSON=45 ;35=.5 k														
0191-96	LOE-FY06 WBS 191 1 mo SO	03MAR08*	04MAR08*	22	01APR08	02APR08	346	LOE	0.00	7,877.20	NELSON=45 ;35=.5 k														
0191-97	LOE-FY06 WBS 191 1 mo SO	02APR08*	03APR08*	21	30APR08	01MAY08	346	LOE	0.00	7,877.20	NELSON=45 ;35=.5 k														
0191-98	LOE-FY06 WBS 191 1 mo SO	01MAY08*	02MAY08*	21	30MAY08	02JUN08	346	LOE	0.00	7,877.20	NELSON=45;35=.5 k														
192 - Stellarator Core Integration & Analysis																									
192-4	LOE-FY05 WBS 192-4 Design Integration Activities	01OCT03A	01OCT03A	250*	30SEP04A	30SEP04A		LOE	237,358.09	237,358.09	Brown=240; Cole=1184; Travel=\$ 2.5 k Jones (ornl)=85; ORNL software=\$29.95 k														
192-4.1	Self consistent models/dwgs f/ Mod Coil & VV FDR			0	29OCT04*	30SEP04*	1,238	100	0.00	0.00															
192-4.2	Self consistent models/dwgs Conv Coils&sprt strc			0	29OCT04*	30SEP04*	1,238		0.00	0.00															
192-4.4	Stellarator Core Assy dwgs & assy sequence			0	29OCT04*	30SEP04*	1,238		0.00	0.00															
192-5	LOE-FY05 WBS 192-5 VV & Coil Services Integr	01OCT03A	01OCT03A	250*	30SEP04A	30SEP04A		LOE	36,676.65	36,676.65	Cole=200 Jones (ornl)=85;														
192-5.1	VV Helium Line Models			0	29OCT04*	15OCT04*	1,238		0.00	0.00															
192-5.2	Mod Coil LN2 Lines Layouts			0	29OCT04*	15OCT04*	1,238		0.00	0.00															
192-5.3	Mod Coil Leads Layouts			0	29OCT04*	15OCT04*	1,238		0.00	0.00															
192-5.4	PF Coil Leads & Services Layouts			0	29OCT04*	15OCT04*	1,238		0.00	0.00															
192-5.5	TF Coil leads & Services Layouts			0	29OCT04*	15OCT04*	1,238		0.00	0.00															
192-5.6	External Trim Coil Leads /services Layouts			0	29OCT04*	15OCT04*	1,238		0.00	0.00															
192-6	LOE-FY05 WBS 192-6 Integrated Analysis	01OCT03A	01OCT03A	271	30SEP04A	30SEP04A		LOE	44,031.80	44,031.80	Zatz=0; Brooks=274														
192-6.01	Document coil tolerance and trim coil requiremen	01MAR04A	01MAR04A	213*	30DEC04	03JAN05	1,221	95	18,558.38	19,535.14	brooks=120														
192-6.02	Check critical coil tolerance calculations.	01APR04A	01APR04A	190*	30DEC04	03JAN05	1,221	50	5,389.73	10,779.45	Strickler=80														
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	01FEB04A	234*	31DEC04	03JAN05	1,220	80	68,446.33	85,557.91	Strickler=640														
192-6.031	Demo Method for current center on TRC	13MAY05	12MAY05	40	11JUL05	08JUL05	1,087		0.00	88,519.19	ea/em tbd=80 ;41=39 strickler=80;em/sm=80														
192-6.06	Coil positions to minimize islands.	02FEB04A	02FEB04A	233*	30DEC04	03JAN05	1,221	70	44,898.35	64,140.51	Hirshman=180 Strickler=300														
192-6.07	Time constant calcs using SPARK	01APR04A	01APR04A	42*	28MAY04A	28MAY04A		100	6,428.00	6,428.00	Brooks=40														
192-6.08	Indep check time constant calcs using EDDYCUFF	01MAY04A	01MAY04A	138*	30SEP04A	30SEP04A		100	10,295.20	10,295.20	Strickler=80														
192-6.09	Revised VV geometry	02FEB04A	02FEB04A	6	27FEB04A	27FEB04A		100	3,214.00	3,214.00															
192-6.10	MC interf during assy, geometry, assy trajecto	02FEB04A	02FEB04A	31	27FEB04A	27FEB04A		100	34,073.60	34,073.60															

Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	Gantt Chart																								
											FY04			FY05				FY06				FY07				FY08									
											J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
192-6.11	Range of motion reqts for Assly MC fixture.	02FEB04A	02FEB04A	20	27FEB04A	27FEB04A		100	18,003.60	18,003.60																									
192-6.12	Final Check & Verification	01MAY04A	01MAY04A	6	28MAY04A	28MAY04A		100	3,856.80	3,856.80	brooks=24																								
192-6.3	Best fit for mod coil assy on winding measuremen			0	29OCT04*	15OCT04*	1,238		0.00	0.00																									
0192-5	LOE-FY05 WBS 192	01OCT04A	01OCT04*	249*	30SEP05	30SEP05	1,010	LOE	22,814.91	271,606.12																									
0192-6	LOE-FY06 WBS 192	03OCT05*	03OCT05*	250	02OCT06	03OCT06	518	LOE	0.00	272,283.11																									
0192-6X	LOE-FY06 WBS 192	03OCT06*	04OCT06*	242	20SEP07	21SEP07	518	LOE	0.00	135,038.20																									
0192-91	LOE-F1 mo SO	01OCT07*	01OCT07*	22	30OCT07	30OCT07	338	LOE	0.00	8,285.04																									
0192-92	LOE-F1 mo SO	31OCT07*	31OCT07*	22	03DEC07	27NOV07	338	LOE	0.00	8,285.04																									
0192-93	LOE-F1 mo SO	04DEC07*	28NOV07*	22	10JAN08	04JAN08	338	LOE	0.00	8,285.04	COLE=50; ornI35=.5																								
0192-94	LOE-F1 mo SO	11JAN08*	07JAN08*	22	11FEB08	01FEB08	338	LOE	0.00	8,285.04	COLE=50; ornI35=.5																								
0192-95	LOE-F1 mo SO	12FEB08*	04FEB08*	22	12MAR08	03MAR08	338	LOE	0.00	8,285.04	COLE=50; ornI35=.5																								
0192-96	LOE-F1 mo SO	13MAR08*	04MAR08*	22	11APR08	01APR08	338	LOE	0.00	8,285.04	COLE=50; ornI35=.5																								
0192-97	LOE-F1 mo SO	14APR08*	02APR08*	21	12MAY08	29APR08	338	LOE	0.00	8,285.04	COLE=50; ornI35=.5																								
0192-98	LOE-F1 mo SO	13MAY08*	30APR08*	21	11JUN08	28MAY08	338	LOE	0.00	8,285.04	COLE=50; ornI35=.5																								
2 - Plasma Heating, Fueling & Vac Systems																																			
21 - Fueling Systems																																			
ECP 16 October 2004																																			
21-10	Eng. Work Planning and Design	03OCT05*	03OCT05*	65	05JAN06	11JAN06	323		0.00	5,978.00																									
21-15	Design Gas Handling Hardware	06JAN06	12JAN06	65	06APR06	12APR06	323		0.00	4,440.00																									
21-20	Design PLC Controls	06JAN06*	12JAN06*	65	06APR06	12APR06	323		0.00	9,247.20																									
21-25	Electrical Drafting for pumping system	06JAN06*	12JAN06*	65	06APR06	12APR06	323		0.00	12,806.40																									
21-30	Drafting	06JAN06*	12JAN06*	65	06APR06	12APR06	323		0.00	8,537.60																									
21-35	Eng. Work Planning and Design during fab	02OCT06*	02OCT06*	65	04JAN07	10JAN07	199		0.00	3,586.80																									
21-40	Fabrication/Install Hardware	02OCT06*	02OCT06*	65	04JAN07	10JAN07	199		0.00	3,496.50																									
21-45	Fabrication/installation	02OCT06*	02OCT06*	65	04JAN07	10JAN07	199		0.00	21,754.75																									
21-55	Install PLC Controls	02OCT06*	02OCT06*	65	04JAN07	10JAN07	199		0.00	4,854.80																									
21-60	Integrated Systems Testing/Eng	02OCT06*	02OCT06*	65	04JAN07	10JAN07	199		0.00	3,586.80																									
21-65	Integrated Systems Testing/Tech Support	05JAN07*	11JAN07*	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	01APR03A	43*	30MAY03A	30MAY03A		100	35,300.00	35,300.00																									
2001-100	PDR Support	01JUN03A	01JUN03A	164*	30SEP03A	30SEP03A		LOE	24,896.00	24,896.00																									
22-25	Eng. Work Planning and Design	01AUG06*	01AUG06*	40	25SEP06	26SEP06	130		0.00	25,960.00																									
22-30	Design PLC based control system	26SEP06*	27SEP06	50	06DEC06	07DEC06	170		0.00	38,690.43																									
22-35	Electrical Drafting for pumping system	26SEP06*	27SEP06	50	06DEC06	07DEC06	190		0.00	23,442.89																									
22-40	Drafting	26SEP06*	27SEP06	50	06DEC06	07DEC06	130		0.00	17,861.25																									
22-45	Eng. Work Planning and Design during fab	07DEC06*	08DEC06*	40	02FEB07	09FEB07	150		0.00	16,140.60																									
22-50	Perform maint. & repair of pmpg sys	07DEC06*	08DEC06*	40	02FEB07	09FEB07	130		0.00	9,324.00																									
22-55	Repair and Calibration of vac instrumentation	05FEB07*	12FEB07*	60	27APR07	04MAY07	150		0.00	9,324.00																									
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								** October Status **																											
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Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	FY04 FY05 FY06 FY07 FY08														
											FY04			FY05			FY06			FY07			FY08		
											J	J	A	S	O	N	D	J	F	M	A	M	J	J	A
22-60	Fabrication/installation	05FEB07*	12FEB07*	80	25MAY07	04JUN07	130		0.00	115,290.90															
22-65	Fab PLC conrols	05FEB07*	12FEB07*	80	25MAY07	04JUN07	130		0.00	61,819.20															
22-70	Integrated Systems Testing/Eng	29MAY07*	05JUN07*	20	25JUN07	02JUL07	130		0.00	7,173.60															
22-75	Integrated Systems Testing/Tech Support	29MAY07*	05JUN07*	20	25JUN07	02JUL07	130		0.00	4,854.80															

EM//SM =450hr ; EM/TB =380hr ;
41=23\$K ;

EE//SM =160hr ; 41=32\$K ;

Blanchard =40hr ;

EE//SM =40hr ;

25 - Neutral Beam Injection System

Job: 2501 - Neutral Beam Refurbishment-STEVENSON

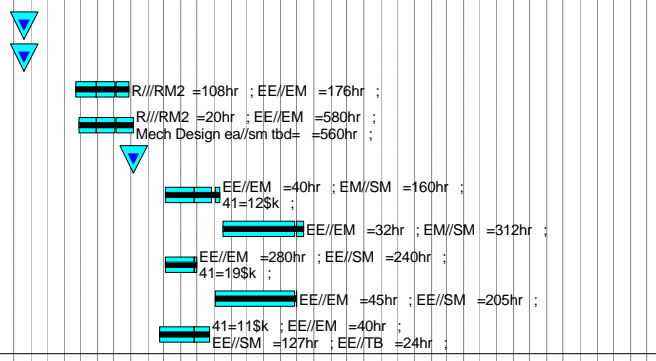
Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	
2501-001	Apr-Sept MIE Cost	01APR03A	01APR03A	43*	30SEP03A	30SEP03A		100	146,310.00	146,310.00	
FY04 Work Plan											
2501-014	FY04 work accomplished	03NOV03A	03NOV03A	227	30JUN04A	30JUN04A			81,371.26	81,853.50	
2501-014.1	FY04 work closeout *TBD*	01JUL04A	01JUL04A	64*	30SEP04A	30SEP04A		LOE	49,247.90	49,247.90	
Refurbishment**CD-3 deleted scope											
25-099	FY04 work accomplished	01MAR04A	01MAR04A	846*	30JUN04A	30JUN04A			21,771.60	44,652.60	
Re-Install Beamline**CD-3 deleted scope											
25-190.1	33) Fabr BL alignment measur fixture,	01JUN04A	01JUN04A	699*	30JUN04A	30JUN04A			2,076.05	2,586.20	
Re-Install Cables**CD-3 deleted scope											
25-225.1	Cabling-Design & WP Procedures	01APR04A	01APR04A	872*	30JUN04A	30JUN04A			4,845.00	4,845.00	
25-230.1	Cabling-Fabr and Install new Junction Box	02JUN04A	02JUN04A	190	30JUN04A	30JUN04A			736.80	736.80	
Beamline Connections**CD-3 deleted scope											
25-310.1	Drafting Labor Support	01JUN04A	01JUN04A	298	30JUN04A	30JUN04A			2,524.80	2,524.80	

3 - Diagnostics

31 - Magnetic Diagnostics

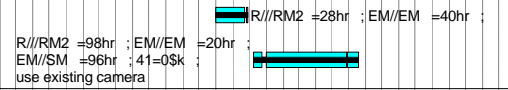
Job: 3101 Magnetic Diagnostics

Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
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*	22APR05*	69	29JUL05	29JUL05	909		0.00	45,197.16
310-020	Design other ex-vessel sensors	29APR05*	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*	03OCT05*	65	11JAN06	11JAN06	232		0.00	39,290.90
310-026	Install ex-vessel sensors on coils	16JAN06*	16JAN06	105	12JUN06	12JUN06	230		0.00	39,916.48
310-015	Fabricate Magnetics	03OCT05*	03OCT05*	40	29NOV05	29NOV05	865		0.00	65,591.80
310-016	Install terminal boxes and terminate	03JAN06*	03JAN06	105	30MAY06	30MAY06	847		0.00	31,127.25
310-030	Design & Fab Magnetic integrators	22SEP05*	22SEP05	65	23DEC05	23DEC05	952		0.00	37,138.36



36 - Edge and Divertor Diagnostics

Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
361-001	Design Visible Camera sys	02OCT06*	02OCT06*	40	28NOV06	28NOV06	133		0.00	11,821.60
361-015	Fab/Assy/Installation Visible Camera	08DEC06*	08DEC06*	130	18JUN07	18JUN07	126		0.00	31,043.60

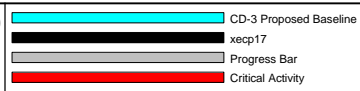


38 - Electron Beam (EB) Mapping

Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
380-010	Designe-Beam Probe,Fluor. Screen	02OCT06*	02OCT06*	40	28NOV06	28NOV06	161		0.00	44,346.80



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ECP 18 Baseline
**** October Status ****

Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	Gantt Chart (FY04-FY08)																								
											FY04					FY05					FY06					FY07					FY08				
											J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
380-015	Fab & Install Beam probe	15JAN07*	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	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																									
390-120	Update port map&revise diag port assignments			0	29OCT04*	30SEP04*	1,238	90	0.00	0.00																									
390-130	Rvw status of existing ICD's w/VV & Mod Coils			0	29OCT04*	30SEP04*	1,238	100	0.00	0.00																									
390-140	Write ICD's-Define external space for diagnostic			0	29OCT04*	30SEP04*	1,238	50	0.00	0.00																									
390-150	Write ICD's-Define space f/tracks in cntrl rm			0	29OCT04*	30SEP04*	1,238	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	29OCT04*	30SEP04*	1,238	70	0.00	0.00																									
390-180	Hold CDR's co-wound mag sensors&ext saddle loops			0	29OCT04*	30SEP04*	1,238		0.00	0.00																									
390-010	LOE Support FY04	01OCT03A	01OCT03A	250*	30SEP04A	30SEP04A		LOE	78,023.50	78,023.50																									
390-015	LOE Support FY05 **reduced scope	01OCT04A	01OCT04*	249*	30SEP05	30SEP05	1,010	LOE	5,653.26	67,300.71																									
390-020	LOE Support FY06	03OCT05*	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	01MAR04A	173*	30SEP04A	30SEP04A		100	8,496.72	8,496.72																									
4101-100.1	Prepare Preliminary One line diagram	03OCT05*	03OCT05*	173	13JUN06	13JUN06	837		0.00	1,007.93																									
411-1-100	Ex-Test cell AC pwr-Reactivate& new instl	03OCT05*	03OCT05*	241	19SEP06	20SEP06	769		0.00	56,876.86																									
411-2-2	Grounding-Dsn	03OCT05*	03OCT05*	86	09FEB06	09FEB06	330		0.00	28,965.28																									
411-2-4	Grounding-Procure	10FEB06*	10FEB06*	107	12JUL06	13JUL06	330		0.00	6,450.00																									
411-2-6	Grounding-Install	02OCT06*	02OCT06*	43	01DEC06	01DEC06	231		0.00	63,205.80																									
411-2-8	Grounding-Commission	04DEC06*	04DEC06*	29	19JAN07	19JAN07	231		0.00	15,734.00																									
411-3-2	Test Cell AC Power Distr-Dsn	03OCT05*	03OCT05*	186	30JUN06	30JUN06	366		0.00	3,455.52																									
411-3-2.04	Test Cell AC Power fy04	01APR04A	01APR04A	186*	30SEP04A	30SEP04A		100	148,730.00	148,730.00																									
411-3-4	Test Cell AC Power Distr-Procure(pnl& xfmr&)	10JUL06*	10JUL06*	101	30NOV06	30NOV06	261		0.00	44,354.85																									
411-3-6	Test Cell AC Power Distr-Install	10JUL06*	10JUL06*	104	05DEC06	05DEC06	258		0.00	31,080.38																									
411-3-8	Test Cell AC Power Distr-Commission	02OCT06*	02OCT06*	45	05DEC06	05DEC06	258		0.00	31,468.00																									
411-4-2	Standby Power for Cryo Sys -Dsn	01NOV04		0	29OCT04		1,238		0.00	0.00																									
411-4-4	Standby Power for Cryo Sys -Procure	01NOV04		0	29OCT04		1,238		0.00	0.00																									
411-4-6	Standby Power for Cryo Sys -Install	01NOV04		0	29OCT04		1,238		0.00	0.00																									
412 - Experimental AC Power Systems																																			
412-1-2	D-site Pulsed AC Power Distr-Dsn	03OCT05*	03OCT05*	128	10APR06	10APR06	233		0.00	10,874.40																									
412-1-4	D-site Pulsed AC Power Distr-Procure	11APR06	11APR06	125	05OCT06	06OCT06	233		0.00	6,455.60																									

Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	Gantt Chart														
											FY04			FY05			FY06			FY07			FY08		
											J	J	A	S	O	N	D	J	F	M	A	M	J	J	A
412-1-6	D-site Pulsed AC Power Distr-Install	02OCT06*	02OCT06*	40	28NOV06	28NOV06	197		0.00	17,259.68															
412-1-8	D-site Pulsed AC Power Distr-Commission	29NOV06	29NOV06	40	31JAN07	31JAN07	197		0.00	10,433.28															
43 - DC Systems																									
Job: 4301 - DC Systems-RAMAKRISHNAN																									
431 - C-Site DC Systems																									
431-200	Condition/spare parts inventory	01OCT04A	01NOV04*	63*	10JAN05	07JAN05	1,196	50	8,743.68	17,487.36															
431-210	Organize & verify documentation	01OCT04A	01NOV04*	86*	10FEB05	09FEB05	1,173	45	20,261.48	45,025.52															
431-215	Document status	01OCT04A	01DEC04*	125*	06APR05	05APR05	1,134	10	647.76	6,477.60															
431-225	Reactivate DF & PEI units	01DEC04*	01DEC04*	84	06APR05	05APR05	1,134		0.00	11,584.80															
431-230	Load	01DEC04*	01DEC04*	84	06APR05	05APR05	1,134		0.00	15,888.00															
431-240	Simulate each of 6 pwr loops in PSCAD	01NOV04*	01NOV04*	65	10FEB05	09FEB05	1,173		0.00	12,955.20															
431-250	c-site dc sys DGS dsn documentation	01NOV04*	01NOV04*	100	31MAR05	30MAR05	1,138		0.00	6,777.04															
431-260	Power loop design	01NOV04*	01NOV04*	190	08AUG05	05AUG05	1,048		0.00	111,622.56															
431-265	Fabricate bus components	01APR05*	01APR05*	185	22DEC05	22DEC05	953		0.00	16,635.86															
431-275	Power cabling & Installation	03OCT05*	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*	03OCT05*	118	27MAR06	27MAR06	332		0.00	30,286.40															
441-097	Install Interlock sys	28MAR06	28MAR06	119	13SEP06	14SEP06	332		0.00	27,082.00															
441-100	PLC Specification	03OCT05*	03OCT05*	85	08FEB06	08FEB06	743		0.00	13,078.64															
441-105	Prep Block diagrams	03OCT05*	03OCT05*	85	08FEB06	08FEB06	925		0.00	15,852.80															
441-110	PLC CWD's & Cabling	09FEB06*	09FEB06*	85	08JUN06	08JUN06	743		0.00	20,476.40															
441-115	deliver PLC	09FEB06*	09FEB06*	85	08JUN06	08JUN06	840		0.00	64,500.00															
441-120	Program PLC Logic	09JUN06*	09JUN06*	45	11AUG06	14AUG06	795		0.00	20,476.40															
441-125	Program Control pages	09JUN06*	09JUN06*	97	25OCT06	26OCT06	743		0.00	21,797.13															
441-130	Pre-commissioning tests	31JAN06*	31JAN06*	214	01DEC06	04DEC06	718		0.00	21,979.19															
441-135	Install I/O Cabling	03FEB06*	03FEB06*	248	31JAN07	01FEB07	681		0.00	109,334.39															
442 - Kirk Key Interlocks																									
442-1-2	Kirk Keys-Dsn	03OCT05*	03OCT05*	41	30NOV05	30NOV05	405		0.00	15,143.20															
442-1-4	Kirk Keys-Procure	24OCT05*	24OCT05*	185	21JUL06	24JUL06	246		0.00	12,900.00															
442-1-6	Kirk Keys-Install	02OCT06*	02OCT06*	40	28NOV06	28NOV06	197		0.00	42,879.52															
442-1-8	Kirk Keys-Commission	13DEC06	13DEC06	30	31JAN07	31JAN07	197		0.00	6,881.20															
443 - Real Time Control Systems																									
443-1-2	Develop Control Algorithms-Dsn	21APR06*	21APR06*	142	09NOV06	10NOV06	221		0.00	13,346.15															
444 - Instrument Systems																									
444-1-2	DC Current Transducers (DCCTs)-Dsn	01NOV04		0	29OCT04		1,238		0.00	0.00															
444-1-4	DC Current Transducers (DCCTs)-Procure	01NOV04		0	29OCT04		1,238		0.00	0.00															
444-1-6	DC Current Transducers (DCCTs)-Install	01NOV04		0	29OCT04		1,238		0.00	0.00															
444-1-8	DC Current Transducers (DCCTs)-Commission	01NOV04		0	29OCT04		1,238		0.00	0.00															
444-2-2	DC Potential Transducers (DCPTs)-Dsn	07OCT05*	07OCT05*	95	28FEB06	28FEB06	820		0.00	10,366.56															
444-2-4	DC Potential Transducers (DCPTs)-Procure	03OCT05*	03OCT05*	207	01AUG06	02AUG06	743		0.00	7,740.00															
444-2-6	DC Potential Transducers (DCPTs)-Install	02OCT06*	02OCT06*	51	13DEC06	13DEC06	670		0.00	19,122.48															

Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	FY04				FY05				FY06				FY07				FY08																			
											J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M
452 - Electrical Systems Support																																														
452-1-2	Diagnostics AC Power Distr-Dsn	03OCT05*	03OCT05*	72*	20JAN06	20JAN06	335		0.00	81,512.00	EA/DM =640hr ; Raki =80hr ;																																			
452-1-4	Diagnostics AC Power Distr-Procure	05OCT05*	05OCT05*	248	02OCT06	03OCT06	262		0.00	1,290.14	41=01\$;																																			
452-1-6	Diagnostics AC Power Distr-Install	02OCT06*	02OCT06*	105	07MAR07	07MAR07	158		0.00	77,322.40	EE//EM =80hr ; EE//SM =80hr ; EE//TB =640hr ;																																			
452-1-8	Diagnostics AC Power Distr-Commission	13MAR07*	13MAR07*	37	02MAY07	02MAY07	158		0.00	30,080.80	EE//EM =40hr ; EE//SM =80hr ; EE//TB =160hr ;																																			
452-2-2	Diagnostics sensor cabling-Dsn	03OCT05*	03OCT05*	61*	05JAN06	05JAN06	386		0.00	23,680.80	EA/DM =160hr ; Raki =40hr ;																																			
452-2-4	Diagnostics sensor cabling-Procure	05OCT05*	05OCT05*	240	20SEP06	21SEP06	270		0.00	2,580.00	41=02\$;																																			
452-2-6	Diagnostics sensor cabling-Install	02OCT06*	02OCT06*	65	10JAN07	10JAN07	198		0.00	21,480.64	EE//EM =24hr ; EE//SM =32hr ; EE//TB =160hr ;																																			
452-2-8	Diagnostics sensor cabling-Commission	11JAN07*	11JAN07*	40	07MAR07	07MAR07	198		0.00	6,016.16	EE//EM =08hr ; EE//SM =16hr ; EE//TB =32hr ;																																			
453 - System Testing (PTP's)																																														
453-1-2	New Procedures	06OCT05*	06OCT05*	90	20FEB06	20FEB06	303		0.00	65,246.40	EA/DM =240hr ; EE//EM =240hr ;																																			
453-1-4	Preop Testing-Procure test equipt	02OCT06*	02OCT06*	160	23MAY07	23MAY07	147		0.00	33,125.00	41=25\$;																																			
453-1-8	Testing PTPs, ISTPs	04JAN07*	04JAN07*	100	23MAY07	23MAY07	147		0.00	207,122.72	EE//SM =240hr ; EE//TB =376hr ; ee//em=768 ; 41=10																																			
46 - FCPC Building Modifications																																														
Job: 4601 - FCPC Bldg Mods-RAMAKRISHNAN																																														
0000																																														
4601-001	Apr-Sept MIE Cost	01APR03A	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	01APR03A	250*	30SEP03A	30SEP03A		LOE	11,900.00	11,900.00																																				
51-01	FY04 LOE support	01OCT03A	01OCT03A	250*	30SEP04A	30SEP04A		LOE	12,358.20	12,358.20	EC//EM =86hr ;																																			
51-10	Preliminary Design (Title I)	21AUG06*	21AUG06*	45	23OCT06	23OCT06	214		0.00	6,212.12	EC//EM =40hr ;																																			
51-20	Final Network Design (Title II)	24OCT06	24OCT06	20	20NOV06	20NOV06	214		0.00	6,408.80	EC//EM =40hr ;																																			
51-30	Installation, Testing, Documentation (Title III)	21NOV06*	21NOV06*	120	17MAY07	17MAY07	214		0.00	252,039.30	EA/DM =160hr ; EC//EM =220hr ; EE//SM =740hr ; 41=82\$;																																			
52 - Central Instrumentation & Control																																														
52-10	Preliminary Design (Title I)	28JUL06*	28JUL06*	45	29SEP06	29SEP06	110		0.00	24,414.40	EC//EM =160hr ;																																			
52-20	Final Design (Title II)	02OCT06	02OCT06*	87	09FEB07	09FEB07	110		0.00	62,485.80	EC//EM =390hr ;																																			
52-30	Installation, Testing, Documentation (Title III)	12FEB07*	12FEB07*	173	15OCT07	15OCT07	110		0.00	483,884.73	EC//SM =600hr ; EC//EM =1,302hr ; 41=163\$;																																			
53 - Data Acquisition & Facility Computing																																														
53-10	Preliminary Design (Title I)	01AUG06*	01AUG06*	45	03OCT06	03OCT06	130		0.00	25,997.95	EC//EM =170hr ;																																			
53-20	Final Design (Title II)	04OCT06	04OCT06	65	12JAN07	12JAN07	130		0.00	52,872.60	EC//EM =330hr ;																																			
53-30	Coding, Configuration, Testing (Title III)	15JAN07	15JAN07	173	17SEP07	17SEP07	130		0.00	249,490.10	EC//EM =1,080hr ; 41=57.7\$;																																			
54 - Facility Timing & Synchronization																																														
54-10	Preliminary Design (Title I)	02OCT06*	02OCT06*	45	05DEC06	05DEC06	125		0.00	22,430.80	EC//EM =140hr ;																																			

Run Date 22NOV04 11:19



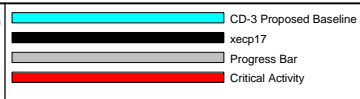
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NCSX
ECP 18 Baseline
** October Status **

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Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	Gantt Chart																								
											FY04			FY05				FY06			FY07			FY08											
											J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
622 - LN2 Coil Cooling Supply																																			
632-001	Preliminary Design**deleted scope	01NOV04	01OCT04	0	29OCT04	30SEP04	1,238		0.00	0.00																									
632-010	Final Design**deleted scope	01NOV04	01OCT04	0	29OCT04	30SEP04	1,238		0.00	0.00																									
632-015	Fab/Assy/Installation**deleted scope	01NOV04	01OCT04	0	29OCT04	30SEP04	1,238		0.00	0.00																									
632-020	Procurement**deleted scope	01NOV04	01OCT04	0	29OCT04	30SEP04	1,238		0.00	0.00																									
623 - GN2 Cryostat Cooling System																																			
633-001	Preliminary Design	02OCT06*	02OCT06*	40	28NOV06	28NOV06	145		0.00	15,961.26	EM//EM =89hr ;																								
633-010	Final Design	29NOV06	29NOV06	55	21FEB07	21FEB07	145		0.00	24,926.06	EM//EM =89hr ; EA//DM =80hr ;																								
633-015	Fab/Assy/Installation	23APR07*	23APR07*	88	24AUG07	24AUG07	145		0.00	71,839.34	EM//EM =89hr ; EM//TB =656hr ;																								
633-020	Procurement	22FEB07*	22FEB07*	130	24AUG07	24AUG07	145		0.00	105,933.75	41=80\$;																								
63 - Utility Systems																																			
640.011	Design GN2, Air & Vent Systems	02OCT06*	02OCT06*	117	23MAR07	23MAR07	150		0.00	32,276.80	em/em=80; ea//dm=160																								
640.021	Assembly/Fabrication	26MAR07*	26MAR07*	40	18MAY07	18MAY07	150		0.00	71,205.76	em//em=48; em//tb=458; 41=\$17,40k																								
64 - PFC/VV Heating & Cooling*ELIMINATED*																																			
650.001	Preliminary Design	01NOV04	01OCT04	0	29OCT04	30SEP04	1,238		0.00	0.00																									
650.005	Final Design	01NOV04	01OCT04	0	29OCT04	30SEP04	1,238		0.00	0.00																									
650.010	Lab Fab/Assy/Installation/Test	01NOV04	01OCT04	0	29OCT04	30SEP04	1,238		0.00	0.00																									
650.012	Procured Hardware/Material	01NOV04	01OCT04	0	29OCT04	30SEP04	1,238		0.00	0.00																									
650.015	Procured Installation/Assy	01NOV04	01OCT04	0	29OCT04	30SEP04	1,238		0.00	0.00																									
65 - Facility Systems Integration																																			
Job: 6163 - Facility Systems Support FY04																																			
65-03	LOE WBS 6	01OCT03A	01OCT03A	250*	30SEP04A	30SEP04A		LOE	32,220.00	32,220.00	Kalish=100;Gettelfinger=100																								
Job: 6501 - Facility Systems Integration-DUDEK																																			
0000																																			
6501-001	Apr-Sept MIE Cost PPPL	01APR03A	01APR03A	0	30SEP03A	30SEP03A	100		9,380.00	9,380.00																									
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	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*	04JAN05*	24	04FEB05	04FEB05	1,159		0.00	41,762.40	ee//tb=320; 41=\$12k																								
711B.050	Complete Control Room Flooring	07FEB05	07FEB05	18	02MAR05	02MAR05	1,159	85	0.00	8,447.76	ee//sm Edwards= 24 hrs; tucker jr =36 voorhees=36																								
73 - Platform Design & Fabrication																																			
Job: 7301 - Platform Design & Fab-PERRY																																			
712.008	Update Platform Specification	01NOV04*	01NOV04*	20	30NOV04	30NOV04	1,153		0.00	6,699.60	Perry=40																								
712.009	Platform PDR			0	30NOV04*	30NOV04*	1,153		0.00	0.00																									
712.010	Final Design	01DEC04	01DEC04	65	03MAR05	09MAR05	1,177		0.00	54,843.60	PERRY=140;messineo=300																								

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Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	Gantt Chart																								
											FY04			FY05			FY06			FY07			FY08												
											J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J
711A.040	Platform nut plates	01FEB05*	01FEB05*	65	02MAY05	02MAY05	1,116	75	0.00	30,027.00	ern/tb mech shop =360 hrs;41=\$1k																								
Job: 7401 - TC Prep & Mach Assy Planning-PERRY																																			
712.020	Fab & Assemble Platform	03OCT05*	03OCT05*	132	10APR06	14APR06	317		0.00	24,541.00	PERRY=410;em/sm=23;em/tb=250																								
712.030	Miscs Hardware/Material	03OCT05*	03OCT05*	132	10APR06	14APR06	317		0.00	45,150.00	41=\$35k																								
74 - Machine Assembly Planning and Oversight																																			
Job: 7401 - TC Prep & Mach Assy Planning-PERRY																																			
0000																																			
7401-001	Apr-Sept MIE Cost PPPL	01APR03A	01APR03A	66	30SEP03A	30SEP03A		100	131,680.00	131,680.00																									
Oversight and Supervision																																			
711A.020	LOE FY04	01OCT03A	01OCT03A	256*	30SEP04A	30SEP04A		LOE	149,894.50	149,894.50	Perry=863;ea/dm=100																								
Project Scope																																			
714.010	LOE FY05	01OCT04A	01OCT04*	249*	30SEP05	29SEP05	284	LOE	9,601.76	114,306.69	PERRY=449;semier=176;edwards=176																								
714.020	LOE FY06 prior to assy starting	03OCT05	30SEP05	246	26SEP06	26SEP06	284		0.00	116,569.04	perry=449;semier=176;edwards=176																								
714.030	LOE FY07 thru first plasma	02OCT06*	02OCT06*	300	12DEC07	12DEC07	281		0.00	550,917.49	perry=1851;em/sm=1851																								
714.031	WBS 7 mgt stretch out cost	13DEC07	13DEC07	180	02SEP08	28MAY08	281		0.00	286,369.20	perry=936;em/sm=936																								
FED/Infrastructure Support (non Project cost)																																			
613.010	Remove Shield Walls ** GPP **	01APR04A	01APR04A	64*	22JUN04A	22JUN04A			0.00	0.00																									
613.015	Fabricate New Bottom Course of Blocks **GPP**	01APR04A	01APR04A	180*	15DEC04	15DEC04	1,231		0.00	0.00																									
613.017	Install New Bottom Course **GPP**	15NOV04*	15NOV04*	107	18APR05	22APR05	1,145		0.00	0.00																									
613.020	Remove south PLT shielding (cc 7230)	01JUN04A	01JUN04A	0*	22JUN04A	22JUN04A			0.00	0.00																									
613.025	Dispose of old south PLT shielding **GPP**	01AUG04A	01AUG04A	0*	31AUG04A	31AUG04A			0.00	0.00																									
EXFAC003	Clear PBX control room & Safe PBX (cc7230)	27JAN03A	27JAN03A	110*	30JUN03A	30JUN03A		100	0.00	0.00																									
EXFAC004	Remove Fire protection PLT wall (cc7230)	01MAY03A	01MAY03A	21	09MAY03A	09MAY03A		100	0.00	0.00																									
EXFAC005	Remove Fire Protection under platform (cc7230)	01APR03A	01APR03A	21	30APR03A	30APR03A		100	0.00	0.00																									
EXFAC006	Remove Fire Protection Control rm walls(cc7230)	01MAY03A	01MAY03A	21	09MAY03A	09MAY03A		100	0.00	0.00																									
EXFAC007	Remove PBX Base Plates cc7230)	25FEB04A	25FEB04A	48*	12MAR04A	12MAR04A		100	0.00	0.00																									
GPP001	GPP-Upgrade C-Site central chilled wtr plant*TBD	01OCT02A	01OCT02A	1	01OCT02A	01OCT02A			0.00	0.00																									
GPP004	GPP-Roofing Design	01APR04A	01APR04A	149*					0.00	0.00																									
GPP004.1	GPP-Roofing Install	01NOV04*	01OCT04*	0*	29OCT04	30SEP04	1,238		0.00	0.00																									
GPP005	GPP-Test Cell lighting Design	01APR04A	01APR04A	149*					0.00	0.00																									
GPP005.1	GPP-Test Cell lighting Install	01NOV04	01OCT04	64	09FEB05	10JAN05	1,174		0.00	0.00																									
GPP006	GPP-Test Cell HVAC/dew point control Design	01NOV04*	01OCT04*	100	31MAR05	29MAR05	1,010		0.00	0.00																									
GPP006.1	GPP-Test Cell HVAC/dew point control Install	01APR05*	30MAR05	128	30SEP05	28SEP05	1,010		0.00	0.00																									
GPP007	GPP-C-Site elevators Design	01NOV04*	01OCT04*	0*	29OCT04	30SEP04	1,238		0.00	0.00																									
GPP007.1	GPP-C-Site elevators Install	01NOV04	01OCT04	0*	29OCT04	30SEP04	1,238		0.00	0.00																									
GPP008	GPP-Fire suppression high bay design	01NOV04*	01OCT04*	64	09FEB05	10JAN05	1,110		0.00	0.00																									
GPP008.1	GPP-Fire suppression high bay install	10FEB05	11JAN05	64	10MAY05	08APR05	1,110		0.00	0.00																									
GPP009	Control Room Lights & Outlets design	01NOV04*	01OCT04*	100*	31MAR05	31MAR05	1,010		0.00	0.00																									
GPP009.1	Control Room Lights & Outlets install	01APR05	01APR05	64	30JUN05	30JUN05	1,010		0.00	0.00																									
GPP010	Control Room HVAC Design	01NOV04*	01OCT04*	100*	31MAR05	31MAR05	1,010		0.00	0.00																									
GPP010.1	Control Room HVAC Install	01APR05	01APR05	64	30JUN05	30JUN05	1,010		0.00	0.00																									
GPP011	Control Room Ceiling Design	01APR05*	01APR05*	64	30JUN05	30JUN05	1,010		0.00	0.00																									
GPP011.1	Control Room Ceiling Install	01JUL05	01JUL05	64	30SEP05	30SEP05	1,010		0.00	0.00																									

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 CD-3 Proposed Baseline
 xecp17
 Progress Bar
 Critical Activity

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ECP 18 Baseline
**** October Status ****

Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	FY04												FY05												FY06												FY07												FY08																																											
											J				A				S				O				N				D				J				F				M				A				M				J				J				A				S				O				N				D				J				F				M				A				M			
7503-180	MC Interfaces: shim, ream holes ,bolt together	24MAY07	24MAY07	15	14JUN07	14JUN07	110		0.00	86,102.40																																					EA/EM =60hr ; EM/TB =720hr ; EM/SM =120hr ;																																																							
7503-200	Mate-up and weld all VV-to-Spool interfaces	15JUN07	15JUN07	15	05JUL07	06JUL07	110		0.00	75,315.60																																					EM/SM =120hr ; EM/TB =720hr ;																																																							
7503-240	Bolt on preassembled pump duct	06JUL07	09JUL07	5	12JUL07	13JUL07	110		0.00	18,290.80																																					EM/SM =40hr ; EM/TB =160hr ;																																																							
7503-250	Begin Vac Vsl Pumpdown	13JUL07	16JUL07	0			117		0.00	0.00																																																																																												
7503-260	PTP Pumpdown & leak check VV	13JUL07	16JUL07	10	26JUL07	27JUL07	117		0.00	50,210.40																																					EM/SM =80hr ; EM/TB =480hr ;																																																							
7503-210	Fit-up all TF coils	06JUL07	09JUL07	10	19JUL07	20JUL07	110		0.00	57,401.60																																					EA/EM =40hr ; EM/TB =480hr ; EM/SM =80hr ;																																																							
7503-270	Raise lower PF 4,5&6 coils into final position	20JUL07	23JUL07	6	27JUL07	30JUL07	110		0.00	26,263.68																																					EA/EM =24hr ; EM/TB =192hr ; EM/SM =48hr ;																																																							
7503-280	Install Upper PF 4,5 & 6 coils	30JUL07	31JUL07	6	06AUG07	07AUG07	110		0.00	26,263.68																																					EA/EM =24hr ; EM/TB =192hr ; EM/SM =48hr ;																																																							
7503-290	Install PF Solenoid into position (U/L PF1,2,3)	07AUG07	08AUG07	4	10AUG07	13AUG07	110		0.00	17,509.12																																					EA/EM =16hr ; EM/TB =128hr ; EM/SM =32hr ;																																																							
7503-310	Complete LN2 connections **2 SHIFT**	13AUG07	14AUG07	5	17AUG07	20AUG07	115		0.00	36,581.60																																					EM/SM =80hr ; EM/TB =320hr ;																																																							
7503-320	Complete Elect Pwr connections **2 SHIFT**	13AUG07	14AUG07	10	24AUG07	27AUG07	110		0.00	100,420.80																																					EM/SM =160hr ; EM/TB =960hr ;																																																							
7503-321	Complete mag diag & machine I&C **2 SHIFT**	13AUG07	14AUG07	10	24AUG07	27AUG07	110		0.00	45,905.60																																					EM/SM =160hr ; EM/TB =320hr ;																																																							
7503-330	Begin Cryostat Installation	27AUG07	28AUG07	0			110		0.00	0.00																																																																																												
7503-340	Install Cryostat Base, vapor barrier& port boots	27AUG07	28AUG07	10	07SEP07	11SEP07	110		0.00	36,581.60																																					EM/SM =80hr ; EM/TB =320hr ;																																																							
7503-350	Install Cryostat upper section,VB and port boots	10SEP07	12SEP07	10	21SEP07	25SEP07	110		0.00	36,581.60																																					EM/SM =80hr ; EM/TB =320hr ;																																																							
7503-360	Install Midplane Cryostat sections and port boot	24SEP07	26SEP07	15	12OCT07	16OCT07	110		0.00	56,114.00																																					EM/SM =120hr ; EM/TB =480hr ;																																																							
7503-370	Install Cryostat Circulation Duct	15OCT07	17OCT07	5	19OCT07	23OCT07	110		0.00	18,911.60																																					EM/SM =40hr ; EM/TB =160hr ;																																																							
730.8200Z	PTP and Cooldown (dup of 730.8200)	22OCT07	24OCT07	10	02NOV07	06NOV07	487		0.00	0.00																																																																																												
730.1248	ACC Review	11SEP07	11SEP07	20	08OCT07	08OCT07	110		0.00	0.00																																																																																												
730.1249	PSO Operational Readiness Assessment	09OCT07	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	22OCT07	24OCT07	10	02NOV07	06NOV07	106		0.00	66,749.60																																					EM/EM =80hr ; EM/SM =80hr ; EM/TB =480hr ;																																																							

76 - Tooling Design & Fabrication

Job: 7601 - Tooling Design & Fabrication

713.020	Lab Fab/Assy/Installation	05JUL06*	05JUL06*	377	24DEC07	02JAN08	454		0.00	31,085.11																																					PERRY=80;em/sm=42;em/tb=140																																			
713.030	Tooling,assy fixtures,misc equip	05JUL06*	05JUL06*	383	03JAN08	02JAN08	454		0.00	79,429.50																																																													41=\$60k											
713.040	General procurements	05JUL06*	05JUL06*	383	03JAN08	02JAN08	454		0.00	59,572.13																																																													41=\$45k											
713.050	Welding tools, materials & equip	05JUL06*	05JUL06*	383	03JAN08	02JAN08	454		0.00	52,953.00																																																													41=\$40k											

8 - Project Oversight and Support

81 - Project Management and Control

Job: 8101 - Project Management & Control-NEILSON

0000																																																																																		
810.001	Apr-Sept MIE Cost PPPL	01APR03A	01APR03A	128*	30SEP03A	30SEP03A		100	387,340.00	387,340.00																																																																								
FY04 Actual Cost																																																																																		
M-0110	CD-2			0	03FEB04A	03FEB04A			0.00	0.00																																																																								
810.009	PDR Support	01OCT03A	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	01OCT03A	256*	30SEP04A	30SEP04A		LOE	689,381.22	689,381.22																																					Neilson=1467; Schmidt=884; 41=06\$K; 35=08\$K ; Strykowski =884hr ; Hampron =624hr ;																																			
810.003	Project Management Office PPPL FY05	01OCT04A	01OCT04*	255*	30SEP05	30SEP05	1,028	LOE	56,398.38	687,785.00																																					Hutch=1502=;41=06\$K ; 35=08\$K ; strykowski=1503hr ; pam =1040hr;phil=173 schmidt=141																																			

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NCSX
ECP 18 Baseline
** October Status **

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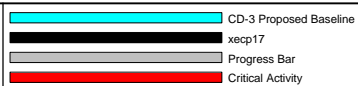
Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	FY04				FY05				FY06				FY07				FY08																			
											J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M
810.004	Project Management Office PPPL FY06	03OCT05*	03OCT05*	254*	29SEP06	29SEP06	774		0.00	644,509.94	strykowsky=1502;pam=1040;phil=345																																			
810.005	Project Management Office PPPL FY07	02OCT06*	02OCT06*	255*	28SEP07	28SEP07	519		0.00	513,758.61	hutch=1061;strykowsky=1326;pam=832																																			
810.900	Project Management Office PPPL FY08	01OCT07*	01OCT07*	164	21MAY08	29MAY08	355		0.00	126,311.11	hutch=177;strykowsky=442;pam=208;35=5																																			
Job: 8102 - NCSX MIE Management ORNL-LYON																																														
0000																																														
810.101	Apr-Sept MIE Cost ORNL	01APR03A	01APR03A	129*	30SEP03A	30SEP03A		100	58,600.00	58,600.00																																				
FY04 Actual Cost																																														
810.102	Project Management Office ORNL FY04	01OCT03A	01OCT03A	256*	30SEP04A	30SEP04A		LOE	120,228.22	120,228.22	ORNLRM =358hr; Akers=178;Benson=178 ORNL41 =03\$; ORNL35 =04\$;																																			
810.103	Project Management Office ORNL FY05	01OCT04A	01OCT04*	255*	30SEP05	30SEP05	1,028	LOE	7,844.19	95,660.87	ORNLRM =354hr; ornlam=178 ORNL41 =02\$; ORNL35 =03\$;																																			
810.104	Project Management Office ORNL FY06	03OCT05*	03OCT05*	254*	29SEP06	29SEP06	519		0.00	49,323.49	ORNLRM =180hr ORNL41 =2\$ ornlam=89																																			
810.104X	Project Management Office ORNL FY06	02OCT06	02OCT06	255*	28SEP07	28SEP07	519		0.00	36,217.36	ORNLRM =180hr ORNL41 =2\$ ornlam=0																																			
810.105	Project Management Office ORNL FY07	01OCT07	01OCT07	0*	28SEP07	28SEP07	519		0.00	0.00																																				
810.901	Project Management Office ORNL 1 mo SO	02OCT07*	02OCT07*	21	30OCT07	30OCT07	350		0.00	0.00	ORNLRM =0hr																																			
810.980	Project Management Office ORNL 1 mo SO	31OCT07*	31OCT07*	21	28NOV07	28NOV07	350		0.00	0.00	ORNLRM =0hr																																			
810.981	Project Management Office ORNL 1 mo SO	03DEC07*	03DEC07*	21	02JAN08	09JAN08	350		0.00	0.00	ORNLRM =0hr																																			
810.982	Project Management Office ORNL 1 mo SO	03JAN08*	10JAN08*	21	31JAN08	07FEB08	350		0.00	0.00	ORNLRM =0hr																																			
810.983	Project Management Office ORNL 1 mo SO	01FEB08*	08FEB08*	21	29FEB08	07MAR08	350		0.00	0.00	ORNLRM =0hr																																			
810.984	Project Management Office ORNL 1 mo SO	03MAR08*	10MAR08*	21	31MAR08	07APR08	350		0.00	0.00	ORNLRM =0hr																																			
810.985	Project Management Office ORNL 1 mo SO	01APR08*	08APR08*	21	29APR08	06MAY08	350		0.00	0.00	ORNLRM =0hr																																			
810.986	Project Management Office ORNL 1 mo SO	30APR08*	07MAY08*	21	28MAY08	05JUN08	350		0.00	0.00	ORNLRM =0hr																																			
82 - Project Engineering																																														
Job: 8202 - Engr Mgmt & Sys Eng Support-REIERSEN																																														
0000																																														
820.110	Apr-Sept MIE Cost PPPL	01APR03A	01APR03A	128*	30SEP03A	30SEP03A		100	295,530.00	295,530.00																																				
FY04 Actual Cost																																														
820.002	LOE FY04	01OCT03A	01OCT03A	256*	30SEP04A	30SEP04A		LOE	626,751.30	626,751.30	Reiersen =1467hr 35=8\$K ; Dudek/Gentile=604; Such=86 41=3\$0 k; Simmons=1326																																			
8202-ECP16	ecp16	01OCT03A	01OCT03A	256*	30SEP04A	30SEP04A		LOE	68,000.00	68,000.00																																				
820.003	Proj engr FY05	01OCT04A	01OCT04*	255*	30SEP05	30SEP05	1,028	LOE	35,404.94	431,767.64	wayne=1640 95%; dudek=518 40%;35=7k such=173; gentile=86																																			
820.004	Proj engr FY06	03OCT05*	03OCT05*	254*	29SEP06	29SEP06	774		0.00	392,793.60	wayne=1640;35=5k;dudek=518 such=173;																																			
820.004Z	Proj engr FY07	02OCT06*	02OCT06*	252*	25SEP07	25SEP07	522		0.00	241,867.20	wayne=1036;35=5k;dudek=173 such=173																																			
820.005	Proj engr FY08	01OCT07*	01OCT07*	171*	30MAY08	30MAY08	348		0.00	101,796.02	wayne=518;35=3																																			
8205FY05	System Engr Support FY05	01OCT04A	01OCT04*	255*	30SEP05	30SEP05	1,028	LOE	18,229.28	222,308.24	simmons=1208 70%																																			
8205FY06	Systems Engineering Support FY06	03OCT05*	03OCT05*	254*	29SEP06	29SEP06	774		0.00	161,959.21	simmons=863 50%																																			
8205FY07	Systems Engineering Support FY06	02OCT06*	02OCT06*	256*	01OCT07	01OCT07	518		0.00	119,024.24	simmons=604 35%																																			
Job: 8203 - Design Integration-BROWN																																														
0000																																														
820.150	Apr-Sept MIE Cost PPPL	01APR03A	01APR03A	128*	30SEP03A	30SEP03A		100	178,750.00	178,750.00																																				
FY04 Actual Cost																																														
820.200	LOE FY04	01OCT03A	01OCT03A	256*	30SEP04A	30SEP04A		LOE	257,272.80	257,272.80	Brown=1036; Steil= 863																																			
8203-ECP16	ecp16	01OCT03A	01OCT03A	256*	30SEP04A	30SEP04A		LOE	125,000.00	125,000.00																																				

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Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	FY04				FY05				FY06				FY07				FY08																			
											J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M
											Gantt Chart Area																																			
8203FY05	Design Integration FY05 LOE	01NOV04*	01OCT04*	234*	30SEP05	30SEP05	1,028		0.00	156,161.40	messineo=1035; brown=285 17%																																			
8203-01	General Design Integration	01OCT04A	01OCT04*	255*	30SEP05	30SEP05	1,028	LOE	0.00	0.00																																				
8203-02	Suprt interface aux sys dev&coolant/lead routing	01OCT04A	01OCT04*	255*	30SEP05	30SEP05	1,028	LOE	0.00	0.00																																				
8203-03	Develop /maintain Pro/E model of NCSX facility	01OCT04A	01OCT04*	255*	30SEP05	30SEP05	1,028	LOE	0.00	0.00																																				
8203-04	Support metrology efforts	01OCT04A	01OCT04*	255*	30SEP05	30SEP05	1,028	LOE	0.00	0.00																																				
8203-06	Complt rvw of machine assembly approach	01NOV04*	01OCT04*	4	04NOV04	06OCT04	1,258		0.00	0.00																																				
8203-07	Rvw cryostat & conventional magnet sys design	01NOV04*	08OCT04*	9	11NOV04	20OCT04	1,253		0.00	0.00																																				
8203-08	tolerance reqmnts for MCsuprt install fixt dwgs	01NOV04*	01OCT04*	39	28DEC04	24NOV04	1,223		0.00	0.00																																				
8203-09	Machine suprt dsn f/compatibility with assy reqt	01NOV04*	25OCT04*	12	16NOV04	09NOV04	1,250		0.00	0.00																																				
8203-10	Dynamic simul MC half period install fixt w/ Pro	15NOV04*	15NOV04*	42	17JAN05	21JAN05	1,210		0.00	0.00																																				
8203-11	Document NCSX Interlink& dwg control process	01DEC04*	01DEC04*	11	15DEC04	15DEC04	1,231		0.00	0.00																																				
8203-12	Update definition VV spool piece assy simul	01FEB05*	01FEB05*	19	25FEB05	25FEB05	1,181		0.00	0.00																																				
8203FY06	Design Integration FY06	03OCT05*	03OCT05*	254*	29SEP06	29SEP06	774		0.00	239,862.22	ea//sm=863 brown=863;																																			
8203FY07	Design Integration FY07	02OCT06*	02OCT06*	256*	01OCT07	01OCT07	518		0.00	131,804.23	ea//sm=345 brown=518;																																			
Job: 8204 - Systems Analysis-BROOKS																																														
0000																																														
820.173	Apr-Sept MIE Cost PPPL	01APR03A	01APR03A	128*	30SEP03A	30SEP03A		100	44,620.00	44,620.00																																				
FY04 Actual Cost																																														
820.174	LOE FY04	01OCT03A	01OCT03A	172*	30SEP04A	30SEP04A		LOE	150,254.50	150,254.50	Brooks=935																																			
8204.01	Assess magnetic material in test cell	02FEB04A	02FEB04A	85*	28MAY04A	28MAY04A		100	38,568.00	38,568.00	Jun=240 hrs																																			
8204.02	Model effects local high MU regions on MCWF	01MAY04A	01MAY04A	29	28MAY04A	28MAY04A		100	19,284.00	19,284.00	Jun=120 hrs																																			
8204FY05	Systems Analysis FY05	01OCT04A	01OCT04*	255*	30SEP05	30SEP05	1,028	LOE	21,380.12	260,733.17	brooks=1553 90%																																			
8204FY06	Systems Analysis FY06	03OCT05*	03OCT05*	254*	29SEP06	29SEP06	774		0.00	103,416.88	brooks=604																																			
84 - Project Physics																																														
Job: 8401 - Project Physcis-ZARNSTORFF																																														
0000																																														
840.201	Apr-Sept MIE Cost PPPL	01APR03A	01APR03A	128*	30SEP03A	30SEP03A		100	210,270.00	210,270.00																																				
FY04 Actual Cost																																														
840.202	Project Physics/Engr Analysis FY04	01OCT03A	01OCT03A	256*	30SEP04A	30SEP04A		LOE	99,806.20	99,806.20	Zarnstorff=636 4=3\$K ;35=01\$K																																			
Job: 8402 - Project Physics MIE ORNL-LYON																																														
0000																																														
840.301	Apr-Sept MIE Cost ORNL	01APR03A	01APR03A	152*	30SEP03A	30SEP03A		100	40,980.00	40,980.00																																				
FY04 Actual Cost																																														
840.302	Project Physics/Engr Analysis FY04	01OCT03A	01OCT03A	256*	30SEP04A	30SEP04A		LOE	61,110.96	61,110.96	Lazarus = 178+178																																			
85 - Integrated Systems Testing																																														
0000																																														
920.001	Procedure and Document Preparation	16OCT06*	16OCT06*	250	15OCT07	15OCT07	110		0.00	561,846.69	em//em=1896;em//sm=1896																																			
920.000	Startup Personnel	13SEP07	17SEP07	72	02JAN08	07JAN08	106		0.00	658,225.10	em//em=1066, ee//em=432, ec//em=432 em//sm=979, ee//sm=0, em//tb=432 r//tm2=490;ee//tb=864																																			
920.004	Begin Start-up Testing	05NOV07	07NOV07	0			106		0.00	0.00																																				
920.005	Punch list,Complt PTP's,Reconfig, Rm temp Hi-pot	23AUG07	23AUG07	37	15OCT07	15OCT07	120		0.00	0.00																																				
920.010	Field Coil Testsing,FCPC test & E-Beam Mapping	05NOV07	07NOV07	25	11DEC07	13DEC07	106		0.00	0.00																																				

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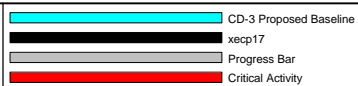
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Activity ID	Activity Description	Forecast Start	ECP18 Baseline Start	Orig Dur	Forecast Finish	ECP18 Baseline Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget	Calendar														
											FY04			FY05			FY06			FY07			FY08		
											J	J	A	S	O	N	D	J	F	M	A	M	J	J	A
920.020	Final ISTP	12DEC07	14DEC07	7	20DEC07	02JAN08	106		0.00	0.00	Gantt bars for 920.020: Dec 2007 - Dec 2007														
920.021	Operations Approval	21DEC07	03JAN08	3	02JAN08	07JAN08	106		0.00	0.00	Gantt bars for 920.021: Dec 21 2007 - Jan 7 2008														
730.9000	First Plasma			0	02JAN08	07JAN08	106		0.00	0.00	Gantt bars for 730.9000: Jan 2 2008 - Jan 7 2008														
M-0120	CD-4			0	30MAY08*	30MAY08*	0		0.00	0.00	Gantt bars for M-0120: May 30 2008 - May 30 2008														
Allocations																									
PPPL Allocations																									
Job: 8998 - Allocations																									
0000																									
99.03	Apr-Sept MIE Cost PPPL	01APR03A	01APR03A	128*	30SEP03A	30SEP03A		100	60,670.00	60,670.00	Gantt bar for 99.03: Apr 01 2003 - Sep 30 2003														
FY04 Actual Cost																									
99.04	PPPL Allocations FY04	01OCT03A	01OCT03A	256*	30SEP04A	30SEP04A		LOE	265,920.20	265,920.20	Gantt bar for 99.04: Oct 01 2003 - Sep 30 2004														
99.05	PPPL Allocations FY05	01OCT04A	01OCT04*	255*	30SEP05	30SEP05	1,028	LOE	25,775.24	314,332.20	Gantt bar for 99.05: Oct 01 2004 - Sep 30 2005 (54=181.8)														
99.06	PPPL Allocations FY06	03OCT05*	03OCT05*	254*	29SEP06	29SEP06	774		0.00	320,745.30	Gantt bar for 99.06: Oct 03 2005 - Sep 29 2006 (54=187.9)														
99.07	PPPL Allocations FY07	02OCT06*	02OCT06*	255*	28SEP07	28SEP07	519		0.00	166,893.23	Gantt bar for 99.07: Oct 02 2006 - Sep 28 2007 (54=92.77)														
Contingency																									
Contingency																									
Contingency-Project																									
99.105	Contingency	01SEP05*	01SEP05*	21*	29SEP05	29SEP05	1,029		0.00	1,200,001.40	Gantt bar for 99.105: Sep 01 2005 - Sep 29 2005														
99.106	Contingency	03OCT05*	03OCT05*	254*	29SEP06	29SEP06	774		0.00	2,917,148.73	Gantt bar for 99.106: Oct 03 2005 - Sep 29 2006														
99.107	Contingency	02OCT06*	02OCT06*	255*	28SEP07	28SEP07	519		0.00	5,431,133.02	Gantt bar for 99.107: Oct 02 2006 - Sep 28 2007														
99.108	Contingency	01OCT07*	01OCT07*	171*	30MAY08	30MAY08	348		0.00	3,504,602.56	Gantt bar for 99.108: Oct 01 2007 - May 30 2008														

ea engr tbd=863; mech design tbd=431; oml=\$100k
M&S misc=\$100k; MCWF = \$450k; VVSA = \$350k
FOM Techs TBD=1726; tf fab=\$165k

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