





Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	FY07												FY08												FY09																																																															
											O				N				D				J				F				M				A				M				J				J				A				S				O				N				D				J				F				M				A				M				J				J			
											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																																										
cc 9450 - NCSX Fabrication (MIE)																																																																																																		
12 - Vacuum Vessel Systems																																																																																																		
+ Job: 1201 - Vacuum Vessel Prelim Dsn-**CLOSED**																																																																																																		
		01APR03A	133	07OCT03A	07OCT03A			100	424,420.00	424,420.00																																																																																								
+ Job: 1202 - Vacuum Vessel R&D **CLOSED**																																																																																																		
		01APR03A	636	30SEP05A	30SEP05A			100	1,770,181.86	1,770,181.86																																																																																								
+ Job: 1206 - VV Field Weld Joint R&D-**CLOSED**																																																																																																		
		29APR04A	359	30SEP05A	30SEP05A			100	15,639.37	15,639.37																																																																																								
+ Job: 1203 - Vacuum Vessel Final Dsn**CLOSED**																																																																																																		
		01OCT03A	756	29SEP06A	31AUG06A			100	1,217,839.08	1,217,839.08																																																																																								
Job:1204-VV Sys Procurements (non VVSA)-DUDEK																																																																																																		
VV Vertical Supports																																																																																																		
124-030.0	Release dwg package for fab VV Vertical Supports	30SEP05A	0						0.00	0.00																																																																																								
124-037A	Bid award Titanium Rod ends (PE6383)	01DEC05A	45	22DEC05A	22DEC05A				0.00	0.00																																																																																								
124-037B	Deliver Titanium Rod ends (PE6383)	22DEC05A	86	28APR06A	28APR06A				0.00	0.00																																																																																								
124-037C	Deliver Misc hardware (PE 006209)	31MAR06A	60	31MAR06A	31MAR06A				0.00	0.00																																																																																								
124-037	PPPL Fab VV Vert. Supports (log # M1091)	01DEC05A	197	14SEP07	14SEP07		133	50	31,383.99	62,767.98	em/tb=768																																																																																							
VV Lateral Supports																																																																																																		
124-030L	SPEA VV Lateral Supports WBS 124	02APR07*	43	31MAY07	31MAY07		147		0.00	0.00	em/tb=400																																																																																							
124-036.9L	Award VV Lateral Supports WBS 124		0	31MAY07*	31MAY07*		147		0.00	0.00																																																																																								
124-037L	VV Lateral Supports Fab by PPPL WBS 124	01JUN07	60	24AUG07	24AUG07		147		0.00	33,288.00																																																																																								
VV Personnel Access Port																																																																																																		
124-100	Issue req & dwg package NB port cover	02JAN07*	0				220		0.00	0.00	41=\$59.67																																																																																							
124-110	SPEA VV NB port cover	04JUN07*	43	02AUG07	02AUG07		112		0.00	0.00																																																																																								
124-120	Award VV NB port cover		0	02AUG07	02AUG07		112		0.00	0.00																																																																																								
124-130	VV NB port cover Fabrication (for 3 inconel)	03AUG07	65	02NOV07	02NOV07		112		0.00	83,836.35																																																																																								
VV Heating/Cooling Tubing																																																																																																		
123-030	Issue RFQ & Select Vendor VV H/C Tubing WBS 123	31MAY06A	20	31MAY06A	31MAY06A				0.00	0.00																																																																																								
123-036.9	Award H/C Tubing WBS 123		0	31JUL06A	31JUL06A				0.00	0.00																																																																																								
123-037	Fabricate and Deliver H/C Tubing WBS 123	02OCT06A	35	17NOV06	27OCT06		225	0	0.00	41,130.00	tubing = 30;																																																																																							
123-037X	Fabricate and Deliver Saddle/clamp hardware	01OCT06A	35	17NOV06	27OCT06		714	95	84,659.25	89,115.00	m&s=\$65k																																																																																							
+ VV Heater Tape																																																																																																		
		31MAY06A	1	31MAY06A	31MAY06A			100	16,452.00	16,452.00																																																																																								
+ VV H/C Manifolds & Headers																																																																																																		
		03JAN06A	106	31MAY06A	31MAY06A			100	65,808.00	65,808.00																																																																																								
VV Local I&C																																																																																																		
125-036	Issue Procurement Package Local I&C WBS 125	01NOV06*	0				207		0.00	0.00																																																																																								

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 Forecast
 zECP-52 baseline
 Progress Bar
 Critical Activity

0610

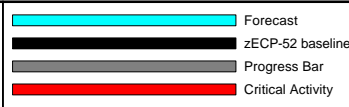
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Progress Through October 31st 2006

Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	Gantt Chart																						
											FY07				FY08				FY09														
											O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A
125-037	Issue req, Award & fab local I&C WBS 125	01NOV06*	60	02FEB07	02FEB07		207		0.00	6,169.50	41=4.5\$K ;																						
Thermal Insulation																																	
123-035	Issue Proc Pkg for insulation boots WBS 122	01NOV06*	0				390		0.00	0.00	▼																						
123-040	Issue RFQ & Select Vendor insul boots WBS 122	01AUG07*	43	01OCT07	01OCT07		205		0.00	0.00	■																						
123-045	Award Insulation Boots WBS 122		0	01OCT07	01OCT07		205		0.00	0.00	▼																						
123-050	Fabricate& Deliver Insul Boots WBS 122	02OCT07	130	11APR08	11APR08		205		0.00	77,275.00	■ 41=55																						
122-040	Prep spec and req Port Thermal Insulation	01NOV06*	0				262		0.00	0.00	▼																						
122-035	SPEA Port Thermal Insulation	01JUN07*	43	01AUG07	01AUG07		119		0.00	0.00	■																						
122-041	Award Port Thermal Insulation		0	01AUG07	01AUG07		119		0.00	0.00	▼																						
122-051	Deliver Port Thermal Insulation	02AUG07	89	07DEC07	07DEC07		119		0.00	34,733.43	■ ecp-44 41=\$ 25																						
122-030.0	Prep spec and req Pourable Insulation	01NOV06*	0				436		0.00	0.00	▼																						
122-030	SPEA Pourable Insulation	03DEC07*	43	08FEB08	08FEB08		166		0.00	0.00	■																						
122-036.9	Award Pourable Insulation		0	08FEB08	08FEB08		166		0.00	0.00	▼																						
122-037	Deliver Pourable Insulation	11FEB08	89	13JUN08	13JUN08		166		0.00	63,225.00	■ 41=45																						
1204-901.5	ECP45 FY06 cv	01OCT05A	43	31MAR06A	31MAR06A			LOE	62,500.00	62,500.00																							
122-031	Title III engr WBS 12 non vwsa PPPL	01FEB06A	669*	30SEP08	30SEP08		250	LOE	1,124.67	3,918.71	■ Dudek=22hr ; Goranson																						
122-032	Title III engr WBS 12 non vwsa ORNL FY06	01FEB06A	170*	29SEP06A	29SEP06A			LOE	10,459.40	10,459.40	■ Goranson =32hr ;Mcginnis=30																						
122-033	Title III engr WBS 12 non vwsa ORNL FY07	02OCT06A	249*	28SEP07	28SEP07		500	LOE	2,995.19	34,036.20	■ Goranson =100hr ; McGinnis=98																						
+ Job: 1250 - Vacuum Vessel Fabrication**CLOSED**																																	
		21MAY04A	592	29SEP06A	21SEP06A				5,808,603.01	5,808,603.01																							
13 - Conventional Coils																																	
+ Job: 1301 - TF Design-KALISH**CLOSED**																																	
		01APR03A	885	29SEP06A	28APR06A				970,652.65	970,652.65																							
+ Job: 1350 TF Coil Fab Prep-CHRZANOWSKI**CLOSED**																																	
		01OCT04A	373	31MAR06A	31MAR06A				547,015.03	547,015.03																							
Job: 1351 - TF Coil Fabr Supplies-KALISH																																	
TF Materials & Supplies																																	
FY05CV-8	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A				14,000.00	14,000.00																							
1301FD-72	TF Conductor Procurement Package approved	31MAY05A	5	31MAY05A	31MAY05A			100	0.00	0.00																							
1301FD-74	Prepare & issue TF Conductor RFP	31MAY05A	23*	03JUN05A	03JUN05A			100	0.00	0.00																							
1301FD-76	Evaluate bids and award TF conductor	06JUN05A	0*	30JUN05A	30JUN05A			100	0.00	0.00																							
1301FD-77	Award TF conductor		0	30JUN05A	30JUN05A			100	0.00	0.00																							
1301FD-78	TF Wedge Plate procurement package approved	29JUL05A	5	29JUL05A	29JUL05A			100	0.00	0.00																							
1301FD-80	Prepare and Issue TF Wedge Plate RFP	12AUG05A	5	18AUG05A	18AUG05A			100	0.00	0.00																							
1351-529	Coil Supplies- Deliver Copper Conductor(PE005935	01JUL05A	123*	23DEC05A	23DEC05A			100	133,864.50	133,864.50																							
1351-531	Coil Supplies- G-11 fillers (PE006162)	03JAN06A	29*	31JAN06A	31JAN06A			100	89,115.00	89,115.00																							
1351-533	Lead spur material	03SEP05A	206*	31MAR06A	31MAR06A			100	32,025.00	32,025.00																							

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Progress Through October 31st 2006

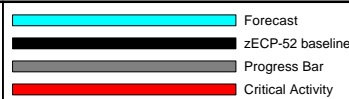
Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	Schedule																							
											FY07					FY08					FY09													
											O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
1351-525	Coil Supplies- Insulation (PE6299)	03JAN06A	128*	30JUN06A	30JUN06A			100	109,680.00	109,680.00																								
1351-534	PPPL Fabricate Lead Spurs (M1319)	01MAY06A	123*	17NOV06	31OCT06		714	79	16,054.96	27,328.38	----- em/tb=248; ea//em =40																							
13ECP44-05	ECP45 FY06 cv	03OCT05A	2	31MAR06A	31MAR06A				63,960.00	63,960.00																								
Job: 1361 - TF Fabrication-KALISH																																		
TF Title III and Fabrication Oversight																																		
13ECP44-06	ECP45 FY06 cv	03OCT05A	2	31MAR06A	31MAR06A				37,220.00	37,220.00																								
1301FD-05	Analysis Check	01MAR05A	423*	31OCT06A	31OCT06			100	27,374.70	27,374.70	----- Dahlgren=160																							
131-031	Title III engr	10OCT05A	182*	28APR06A	28APR06A			LOE	50,809.85	50,809.85																								
131-032	Title III engr	01MAY06A	354*	29SEP06A	29SEP06A			LOE	79,774.72	79,774.72																								
131-033	Title III engr	02OCT06A	247*	26SEP07	26SEP07		502	LOE	16,993.50	190,938.20	----- Kalish=1003.83 travel=\$7k																							
TF Fabrication Contract																																		
1361C-001	Contract Awarded	28APR06A	0						0.00	0.00																								
1361C-005	Tooling	28APR06A	143*	31OCT06A	14NOV06			LOE	255,485.85	255,485.85	----- 41=\$186.345																							
1361C-007	Wedge Material (1)	01SEP06A	43	29SEP06A	29SEP06A			0	248,493.75	248,493.75	----- 41=\$181.250																							
1361C-010	Wedge Material (2)	02OCT06A	228*	20AUG07	17AUG07		546	17	28,289.03	230,384.11	----- 41=\$132.41; 48=\$48.85																							
1361C-009	Tooling (nose machining)	01NOV06*	12*	16NOV06	16OCT06			740	0.00	75,000.00	----- 48=\$75																							
1361C-101	Fab, Test & Deliver Coil #1	15NOV06	63*	12FEB07	28FEB07			655	0.00	47,210.00	----- 48=\$47.21																							
1361C-102	Fab, Test & Deliver Coil #2	02JAN07	40*	26FEB07	16MAR07			294	0.00	47,210.00	----- 48=\$47.21																							
1361C-103	Fab, Test & Deliver Coil #3	15JAN07	34*	01MAR07	30MAR07			291	0.00	47,210.00	----- 48=\$47.21																							
1361C-104	Fab, Test & Deliver Coil #4	02MAR07*	6*	09MAR07	13APR07*			256	0.00	47,210.00	----- 48=\$47.21																							
1361C-105	Fab, Test & Deliver Coil #5	12MAR07	10*	23MAR07	04MAY07			256	0.00	47,210.00	----- 48=\$47.21																							
1361C-106	Fab, Test & Deliver Coil #6	26MAR07	10*	06APR07	25MAY07			256	0.00	47,210.00	----- 48=\$47.21																							
1361C-107	Fab, Test & Deliver Coil #7	09APR07	10*	20APR07	15JUN07			256	0.00	47,210.00	----- 48=\$47.21																							
1361C-108	Fab, Test & Deliver Coil #8	23APR07	10*	04MAY07	06JUL07			256	0.00	47,210.00	----- 48=\$47.21																							
1361C-109	Fab, Test & Deliver Coil #9	07MAY07	10*	18MAY07	25JUL07			256	0.00	47,210.00	----- 48=\$47.21																							
1361C-110	Fab, Test & Deliver Coil #10	21MAY07	9*	01JUN07	13AUG07			256	0.00	47,210.00	----- 48=\$47.21																							
1361C-111	Fab, Test & Deliver Coil #11	04JUN07	10*	15JUN07	29AUG07			256	0.00	47,210.00	----- 48=\$47.21																							
1361C-112	Fab, Test & Deliver Coil #12	18JUN07	10*	29JUN07	17SEP07			256	0.00	47,210.00	----- 48=\$47.21																							
1361C-113	Fab, Test & Deliver Coil #13	02JUL07	9*	13JUL07	03OCT07			256	0.00	47,210.00	----- 48=\$47.21																							
1361C-114	Fab, Test & Deliver Coil #14	16JUL07	10*	27JUL07	19OCT07			256	0.00	47,210.00	----- 48=\$47.21																							
1361C-115	Fab, Test & Deliver Coil #15	30JUL07	10*	10AUG07	06NOV07			256	0.00	47,220.00	----- 48=\$47.21																							
1361C-116	Fab, Test & Deliver Coil #16	13AUG07	10*	24AUG07	22NOV07			256	0.00	47,220.00	----- 48=\$47.21																							
1361C-117	Fab, Test & Deliver Coil #17	27AUG07	9*	07SEP07	11DEC07			256	0.00	47,220.00	----- 48=\$47.21																							
1361C-118	Fab, Test & Deliver Coil #18	10SEP07	10*	21SEP07	28DEC07			256	0.00	47,220.00	----- 48=\$47.21																							
1351-195X	ALL TF COILS DELIVERED		0	21SEP07	28DEC07			256	0.00	0.00	-----																							

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 ALL TF COILS DELIVERED
 DOE LEVEL 2 MILESTONE
 PEP DATE = AUGUST 2008

Forecast
 zECP-52 baseline
 Progress Bar
 Critical Activity

Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	Gantt Chart																						
											FY07				FY08				FY09														
											O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A
141-036	PF Coils Awarded		0	03AUG07	03AUG07		239		0.00	0.00	<p>***** AWARD PRODUCTION CONTRACT FOR PF COILS LEVEL 2 DOE MILESTONE PEP DATE = MARCH 2008 *****</p>																						
1352-100	Material & leads	06AUG07	75	19NOV07	19NOV07		239		0.00	224,745.84	41=162																						
1352-120	Tooling for PF 6	06AUG07	25	10SEP07	10SEP07		239		0.00	54,840.00	41=40																						
1352-115	Tooling for PF 5	11SEP07	25	15OCT07	15OCT07		239		0.00	55,438.40	41=40																						
1352-110	Tooling for PF 4	16OCT07*	25	19NOV07	19NOV07		239		0.00	56,200.00	41=40																						
1352-105	Tooling for PF 1,2 and 3 NOT REQ'D USE PF1a	11SEP07	30	22OCT07	22OCT07		484		0.00	0.00																							
1352-150	Fabricate/Dlvr PF 6 lower	11SEP07	15	01OCT07	01OCT07		284		0.00	41,198.00	41=30																						
1352-165	Fabricate/Dlvr PF 6 upper	02OCT07	15	22OCT07	22OCT07		331		0.00	42,150.00	41=30																						
1352-145	Fabricate/Dlvr PF 5 lower	16OCT07	15	05NOV07	05NOV07		259		0.00	42,150.00	41=30																						
1352-160	Fabricate/Dlvr PF 5 upper	06NOV07	15	26NOV07	26NOV07		306		0.00	42,150.00	41=30																						
1352-140	Fabricate/Dlvr PF 4 lower	20NOV07	10	05DEC07	05DEC07		239		0.00	42,150.00	41=30																						
1352-155	Fabricate/Dlvr PF 4 upper	06DEC07	10	19DEC07	19DEC07		291		0.00	42,150.00	41=30																						
1352-135X	Refurbish NSTX PF1a	01OCT07*	5	05OCT07	05OCT07		333		0.00	1,367.36	em/tb=16																						
722.010	PF Coil receipt inspect/test (formerly wbs 183)	02OCT07	65	11JAN08	11JAN08		434		0.00	31,275.16	em/sm=94; em/tb=218																						
141-031	Title III engr WBS 132	01JUN07	268	26JUN08	26JUN08		316		0.00	112,312.17	Kalish=551;ea/dm=69;																						
Job: 1354 - Trim Coil Design &Procurement-KALISH																																	
Trim Coils																																	
1303-TRIM	Trim Coil Design	01OCT07*	65	10JAN08	10JAN08		160		0.00	43,470.70	kalish=90;rushinski=74;analyst=74																						
1303-136	Trim Coil PDR		0	29OCT07	29OCT07		169		0.00	0.00																							
1303-137	Trim Coil FDR		0	10JAN08	10JAN08		160		0.00	0.00																							
184-035	Bid & Award Ext Trim Coils	11JAN08	45	13MAR08	13MAR08		160		0.00	0.00																							
184-036	Award External Trim Coils		0	13MAR08	13MAR08		160		0.00	0.00																							
184-037	External Trim Coil Procurement/Fab*ecp16	14MAR08	87	16JUL08	16JUL08		160		0.00	35,125.00	41=25																						
184-015	Title III WBS 133 Rxt Trim Coils	11JAN08	147	06AUG08	06AUG08		288		0.00	27,479.65	Rushinski=26;Kalish=95;35=\$3k																						
Job: 1303 -Central Solenoid Support Dsn-DAHLGREN																																	
13ECP44-03	ECP45 FY06 cv	03OCT05A	2	31MAR06A	31MAR06A		100		10,010.00	10,010.00																							
1303-110	CS Support Design& analysis	03JAN06A	167*	25AUG06A	25AUG06A		100		106,872.84	106,872.84																							
1303-115	CS Support FDR		0	29AUG06A	29AUG06A		100		0.00	0.00																							
1303-120	FDR Chit followup & release drawings for fab	01NOV06*	20*	30NOV06	27OCT06		310	66	0.00	0.00																							
Job: 1353 - CS Structure Procurement-DAHLGREN																																	
CS Support Structure																																	
163-035	Bid & Award CS Support Struct	01MAY07*	45	03JUL07	03JUL07		209		0.00	0.00																							
163-036.9	Award CS Support Structure		0	03JUL07	03JUL07		209		0.00	0.00																							
163-037	CS Support Structure Procurement/Fab	05JUL07*	190	09APR08	09APR08		209		0.00	62,123.41	41=\$42; 35=\$2 k																						
163-015	Title III design CS sprt struc	05JUL07	294	05SEP08	05SEP08		267		0.00	60,491.50	Kalish=250;Rushinski=83																						

Run Date 09NOV06 15:37



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NCSX
ECP-52 Status
11/9/06

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Progress Through October 31st 2006

Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	Gantt Chart																						
											FY07					FY08					FY09												
											O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A
Job: 1355 - WBS 13 I&C Proc & Coil Assy-KALISH																																	
TF/PF Load I&C																																	
133-015	Title III WBS 134 Conv Coil I&C	01OCT07*	130	10APR08	10APR08		370		0.00	1,461.20																							
133-037	Conv Coil I&C WBS 134 Proc & Install	01OCT07*	130	10APR08	10APR08		211		0.00	71,432.82																							
1355-100	CS and PF 1a Pre-Assy incl coil I&C procurement	10APR08	15	30APR08	30APR08		209		0.00	20,510.40																							
14 - Modular Coils																																	
+ Job: 1401 - Mod Coil Prel.Dsn**CLOSED**																																	
		01APR03A	636	30SEP05A	30SEP05A		100		304,040.00	304,040.00																							
+ Job: 1402 - Mod.Coil Analyses**CLOSED**																																	
		01APR03A	636	30SEP05A	30SEP05A		100		239,140.00	239,140.00																							
+ Job:1404-MCWF R&D & 1st Prod Casting**CLOSED**																																	
		01APR03A	636	30SEP05A	30SEP05A		100		2,543,518.06	2,543,518.06																							
+ Job: 1413 -MCWF Fracture Analysis-**CLOSED**																																	
		01OCT04A	372	30MAR06A	30MAR06A		100		27,819.40	27,819.40																							
+ Job: 1405-Mod Coil Winding R&D Prep-**CLOSED**																																	
		01APR03A	636	30SEP05A	30SEP05A		100		168,070.00	168,070.00																							
+ Job: 1407 -Mod Coil Winding Facility-**CLOSED**																																	
		01APR03A	757	30MAR06A	30MAR06A		100		2,571,373.12	2,571,373.12																							
+ Job: 1412 - Complete Winding Facilities-*CLOSED*																																	
		01OCT04A	372	30MAR06A	30MAR06A		100		540,996.88	540,996.88																							
+ Job: 1406 - Mod. Coil Winding R&D**CLOSED**																																	
		01APR03A	757	30MAR06A	30MAR06A		100		2,263,568.41	2,263,568.41																							
+ Job: 1410 MC Twisted Racetrack Fabr-**CLOSED**																																	
		01OCT04A	372	30MAR06A	30MAR06A		100		1,049,971.32	1,049,971.32																							
+ Job: 1409 - Coil Test Stand-GETTELFINGER*CLOSED*																																	
		20OCT03A	700	31JUL06A	31JUL06A		100		825,941.31	825,941.31																							
+ Job: 1414 Coil Testing-Gettelfinger**CLOSED**																																	
		01OCT04A	457	31JUL06A	31JUL06A		100		674,833.26	674,833.26																							
+ Job: 1415 Dim Cntrl Testing-RAFTOPOLOUS*CLOSED**																																	
		01OCT04A	251	30SEP05A	30SEP05A		100		23,850.00	23,850.00																							
+ Job: 1419-Winding Fac. Mods-CHRZANOWSKI*CLOSED*																																	
		01OCT04A	372	30MAR06A	30MAR06A		100		55,210.00	55,210.00																							
+ Job: 1403 - Modular Coil Final Design-WILLIAMSON																																	
		01OCT03A	756	29SEP06A	28APR06A				3,310,569.50	3,310,569.50																							
Job: 1416-Mod Coil Type A&B Final Dsn-WILLIAMSON																																	
+ Prior Costs																																	
		02AUG04A	543	29SEP06A	30JUN06A				470,738.48	470,738.48																							

;Kalish=2;Rushinski=6

 41=9.2\$;em/sm=123;em/tb=491

 em/tb=240

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Forecast

 zECP-52 baseline

 Progress Bar

 Critical Activity

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ECP-52 Status

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Progress Through October 31st 2006

Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days=1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	Gantt Chart																						
											FY07					FY08					FY09												
											O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A
MCWF-411	A5-MTK-casting	13JAN06A	45*	29MAR06A	29MAR06A			100	142,920.00	142,920.00																							
MCWF-421	A5-MTM - machining/inspection	01MAY06A	219*	16MAR07	16APR07		178	20	33,582.00	167,910.00																							
MCWF-431	A5-Receive at PPPL		0	19MAR07*	17APR07		178		0.00	6,000.00																							
MCWF-441	A6-MTK-casting	31JAN06A	64*	20APR06A	20APR06A			100	142,710.00	142,710.00																							
MCWF-451	A6-MTM - machining/inspection	01MAY06A	234*	06APR07	15MAY07		190	2	3,100.00	155,000.00																							
MCWF-461	A6-Receive at PPPL		0	09APR07*	16MAY07		190		0.00	4,000.00																							
MCWF-291	C6-MTK-casting	16JUN05A	155*	03FEB06A	03FEB06A			100	142,920.00	142,920.00																							
MCWF-301	C6-MTM - machining/inspection	03APR06A	269*	27APR07	14JUN07		194	20	33,582.00	167,910.00																							
MCWF-311	C6-Receive at PPPL		0	30APR07*	15JUN07		194		0.00	5,000.00																							
C-501B1	Last MCWF Delivered		0	30APR07	15JUN07		606		0.00	0.00	<p>*****</p> <p>LAST MODULAR COIL WINDING FORM DELIVERED</p> <p>LEVEL 2 DOE MILESTONE</p> <p>SEPTEMBER 2007</p> <p>*****</p>																						

Job:1460 3rd Winding Fixture-CHRZANOWSKI

WINDFIX	3rd winding fixture	01OCT06A	58*	22DEC06	24JAN07	1	691	54	34,190.16	63,058.12												
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Job: 1451 - Mod Coil Winding-CHRZANOWSKI

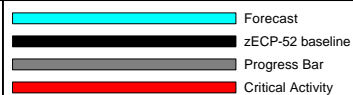
Prior Costs

FY05CV-25	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A				100	81,000.00	81,000.00												
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Station 1 Prep casting & Install Cladding

C1RW	C1 rework	03OCT05A	5	07OCT05A	07OCT05A	1			100	46,461.00	46,461.00												
C2RW	type C h/w rework	03APR06A	149*	29SEP06A	29SEP06A	1			100	53,750.40	53,750.40	em/tb=660											
1451TRAIN	Training for winding teams	25JUL05A	3	29JUL05A	29JUL05A				100	0.00	0.00												
P1-001	Rec C1, Prep& Instl Cladding->@125% 1 shift	10OCT05A	23	24OCT05A	24OCT05A	1			100	54,727.68	54,727.68												
P1-091	Receive C2, Prep& Instl Cladding	19DEC05A	26*	26JAN06A	26JAN06A	1			100	44,303.36	44,303.36												
P2-091	Receive C3, Prep& Instl Cladding	03MAR06A	16	31MAR06A	31MAR06A	1			100	44,303.36	44,303.36												
P3-091	Receive C4, Prep& Instl Cladding	28MAR06A	46*	10MAY06A	10MAY06A	1			100	40,720.00	40,720.00												
P1-121	Receive C5, Prep& Instl Cladding	22MAY06A	29*	23JUN06A	23JUN06A	1			100	40,720.00	40,720.00												
P2-001	Receive A1, Prep& Instl Cladding	19JUN06A	37*	09AUG06A	09AUG06A	1			100	50,492.80	50,492.80												
P3-001	Receive A2, Prep& Instl Cladding	24AUG06A	25*	26SEP06A	26SEP06A	2			100	40,720.00	40,720.00	EM/TB = 500 hrs											
P3-031	Receive A3, Prep& Instl Cladding	11OCT06A	11	25OCT06A	25OCT06	2			100	41,610.00	41,610.00	EM/TB = 500 hrs											
P1-031	Receive B1, Prep& Instl Cladding	26OCT06A	13*	13NOV06	10NOV06	2	111	12		6,191.57	51,596.40	EM/TB = 620hrs											
P2-121	Receive B2, Prep& Instl Cladding	20NOV06	11	06DEC06	25JAN07	2	142			0.00	41,610.00	EM/TB = 500 hrs											
P3-121	Receive A4, Prep& Instl Cladding	19DEC06	11	10JAN07	11DEC06	2	134			0.00	41,610.00	EM/TB = 500 hrs											
P2-061	Receive B3, Prep& Instl Cladding	17JAN07	11	31JAN07	21FEB07	2	130			0.00	41,610.00	EM/TB = 500 hrs											
P2-151	Receive B4, Prep& Instl Cladding	01MAR07	11	15MAR07	19MAR07	2	126			0.00	41,610.00	EM/TB = 500 hrs											
P3-061	Receive B5, Prep& Instl Cladding	16MAR07	11	30MAR07	03APR07	2	134			0.00	24,882.78	EM/TB = 299 hrs											
P3-151	Receive B6, Prep& Instl Cladding	02APR07	11	16APR07	18APR07	2	150			0.00	24,882.78	EM/TB = 299 hrs											
P1-061	Receive A5, Prep& Instl Cladding	17APR07	11	01MAY07	03MAY07	2	158			0.00	24,882.78	EM/TB = 299 hrs											

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Progress Through October 31st 2006

Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	FY07			FY08			FY09									
											OND	JFM	AMJ	JASON	OND	JFM	AMJ	JASON	OND	JFM	AMJ					
P3-080	Instl Chill Plates,Tubing,Bag B5	19JUN07	15	10JUL07	24JUL07	2	110		0.00	35,618.16																
P2-131	Wind coil A5	11JUL07	31	22AUG07	06SEP07	2	110		0.00	101,195.52																
P2-140	Instl Chl Plates,Tubing, Bag A5	23AUG07	15	13SEP07	27SEP07	2	110		0.00	35,618.16																
P2-041	Wind coil C6	14SEP07	31	26OCT07	09NOV07	2	110		0.00	102,952.84																
P2-050	Instl Chl Plates,Tubing, Bag C6	29OCT07	15	16NOV07	04DEC07	2	110		0.00	36,576.88																
Station 5-VPI																										
P1-021V	VPI (Station 5) C1	06MAR06A	6*	13MAR06A	13MAR06A	2		100	26,712.32	26,712.32																
P1-111V	VPI (Station 5) C2	22MAY06A	4*	31MAY06A	31MAY06A	2		100	24,024.80	24,024.80																
P1-111VCU	Cleanup and Ready Autoclave	03JUN06A	8	30JUN06A	30JUN06A	1		100	13,030.40	13,030.40																
P2-111V	VPI (Station 5) C3	24JUL06A	8	31JUL06A	31JUL06A	2		100	24,024.80	24,024.80																
P2-111VCU	Cleanup and Ready Autoclave	01AUG06A	4*	09AUG06A	09AUG06A	1		100	13,030.40	13,030.40																
P3-111V	VPI (Station 5) C4	10AUG06A	12*	31AUG06A	31AUG06A	2		100	24,024.80	24,024.80																
P3-111VCU	Cleanup and Ready Autoclave	11SEP06A	8	22SEP06A	22SEP06A	1		100	13,030.40	13,030.40																
P1-141V	VPI (Station 5) C5	27SEP06A	7	09OCT06A	09OCT06	2		100	24,374.87	24,374.87																
P1-141VCU	Cleanup and Ready Autoclave	10OCT06A	8	19OCT06A	19OCT06	1		100	13,315.20	13,315.20																
P2-021V	VPI (Station 5) A1	20OCT06A	7	30OCT06A	30OCT06	2		100	24,549.90	24,549.90																
P2-021VCU	Cleanup and Ready Autoclave	01NOV06	8	10NOV06	09NOV06	1	139		0.00	13,315.20																
P3-021V	VPI (Station 5) A2	28NOV06	7	06DEC06	08DEC06	2	130		0.00	24,549.90																
P3-021VCU	Cleanup and Ready Autoclave	07DEC06	8	18DEC06	20DEC06	1	130		0.00	13,315.20																
P3-051V	VPI (Station 5) A3	19DEC06	7	04JAN07	18JAN07	2	130		0.00	24,549.90																
P3-051VCU	Cleanup and Ready Autoclave	05JAN07	8	16JAN07	30JAN07	1	142		0.00	13,315.20																
P1-051V	VPI (Station 5) B1	08FEB07	7	16FEB07	20FEB07	2	126		0.00	24,549.90																
P1-051VCU	Cleanup and Ready Autoclave	19FEB07	8	28FEB07	02MAR07	1	134		0.00	13,315.20																
P3-141V	VPI (Station 5) A4	13APR07	7	23APR07	23MAR07	2	103		0.00	13,648.08																
P3-141VCU	Cleanup and Ready Autoclave	24APR07	12	09MAY07	10APR07	1	103		0.00	13,648.08																
P2-141V	VPI (Station 5) B2	10MAY07	7	18MAY07	25APR07	2	103		0.00	13,648.08																
P2-141VCU	Cleanup and Ready Autoclave	21MAY07	12	06JUN07	11MAY07	1	109		0.00	13,648.08																
P2-081V	VPI (Station 5) B3	07JUN07	7	15JUN07	29MAY07	2	109		0.00	13,648.08																
P2-081VCU	Cleanup and Ready Autoclave	18JUN07	12	03JUL07	14JUN07	1	109		0.00	13,648.08																
P3-081V	VPI (Station 5) B4	05JUL07	7	13JUL07	29JUN07	2	109		0.00	13,648.08																
P3-081VCU	Cleanup and Ready Autoclave	16JUL07	12	31JUL07	18JUL07	1	109		0.00	13,648.08																
P2-171V	VPI (Station 5) B5	01AUG07	7	09AUG07	02AUG07	2	109		0.00	13,648.08																
P2-171VCU	Cleanup and Ready Autoclave	10AUG07	12	27AUG07	20AUG07	1	109		0.00	13,648.08																
P3-171V	VPI (Station 5) B6	28AUG07	7	06SEP07	05SEP07	2	109		0.00	13,648.08																
P3-171VCU	Cleanup and Ready Autoclave	07SEP07	12	24SEP07	21SEP07	1	109		0.00	13,648.08																
P1-081V	VPI (Station 5) A5	25SEP07	7	03OCT07	08OCT07	2	109		0.00	13,805.52																
P1-081VCU	Cleanup and Ready Autoclave	04OCT07	12	19OCT07	24OCT07	1	111		0.00	14,015.44																
P1-171V	VPI (Station 5) A6	29OCT07	7	06NOV07	08NOV07	2	106		0.00	14,015.44																

Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	FY07												FY08												FY09																																																							
											O				N				D				J				F				M				J				J				A				S				O				N				D				J				F				M				A				M				J				J			
											1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25																								
1459-036	Strain gages, Thrmcpl, cooling tube term - C6	24SEP07	5	28SEP07	05OCT07		105		0.00	8,728.50	em//tb=95; M&S=0.6k																																																																															
Poloidal Break Hardware																																																																																										
1459-100	Replace Poloidal break h/w on C1	23MAR07	1	23MAR07	07MAR07		100		0.00	1,331.52	EM//TB = 16																																																																															
1459-102	Replace Poloidal break h/w on C2	02OCT06A	1	31OCT06A	28MAR07		100		1,331.52	1,331.52	EM//TB = 16																																																																															
1459-104	Replace Poloidal break h/w on C3	02OCT06A	1	31OCT06A	09MAY07		100		1,331.52	1,331.52	EM//TB = 16																																																																															
1459-106	Replace Poloidal break h/w on C4	02OCT06A	1	31OCT06A	18JUN07		100		1,331.52	1,331.52	EM//TB = 16																																																																															
1459-108	Replace Poloidal break h/w on C5	02OCT06A	1	31OCT06A	22AUG07		100		1,331.52	1,331.52	EM//TB = 16																																																																															
Casting plugs																																																																																										
1459-150	Repair/install casting plugs C1 (by tech shop)	22MAR07	2	23MAR07	07MAR07		100		0.00	2,663.04	EM//TB = 32																																																																															
Rogowski Coil Installation																																																																																										
1459-700	Install Rogowski coil C2	13APR07	1	13APR07	28MAR07		100		0.00	1,331.52	EM//TB = 16																																																																															
1459-702	Install Rogowski coil C3	25MAY07	1	25MAY07	09MAY07		115		0.00	1,331.52	EM//TB = 16																																																																															
Excess material removal/Grinding work																																																																																										
1459-200	Grinding C1 (by tech shop)	23MAR07	1	23MAR07	07MAR07		100		0.00	1,331.52	EM//TB = 16																																																																															
1459-202	Grinding C2 (by tech shop)	13APR07	1	13APR07	28MAR07		100		0.00	1,331.52	EM//TB = 16																																																																															
1459-204	Grinding C3 (by tech shop)	25MAY07	1	25MAY07	09MAY07		115		0.00	1,331.52	EM//TB = 16																																																																															
Bat Insulation installation																																																																																										
1459-400	Install bat insulation C1	13APR07	1	13APR07	28MAR07		100		0.00	1,331.52	EM//TB = 16																																																																															
1459-402	Install bat insulation C2	13APR07	1	13APR07	28MAR07		100		0.00	1,331.52	EM//TB = 16																																																																															
1459-404	Install bat insulation C3	25MAY07	1	25MAY07	09MAY07		115		0.00	1,331.52	EM//TB = 16																																																																															
1459-406	Install bat insulation C4	05JUL07	1	05JUL07	18JUN07		115		0.00	1,331.52	EM//TB = 16																																																																															
1459-408	Install bat insulation C5	17AUG07	1	17AUG07	22AUG07		109		0.00	1,331.52	EM//TB = 16																																																																															
1459-410	Install bat insulation A1	26MAR07	1	26MAR07	08MAR07		100		0.00	1,331.52	EM//TB = 16																																																																															
1459-412	Install bat insulation A2	13APR07	1	13APR07	28MAR07		100		0.00	1,331.52	EM//TB = 16																																																																															
1459-414	Install bat insulation A3	25MAY07	1	25MAY07	09MAY07		115		0.00	1,331.52	EM//TB = 16																																																																															
1459-416	Install bat insulation B1	26MAR07	1	26MAR07	08MAR07		100		0.00	1,331.52	EM//TB = 16																																																																															
1459-418	Install bat insulation A4	05JUL07	1	05JUL07	18JUN07		115		0.00	1,331.52	EM//TB = 16																																																																															
1459-420	Install bat insulation B2	13APR07	1	13APR07	28MAR07		100		0.00	1,331.52	EM//TB = 16																																																																															
1459-422	Install bat insulation B3	25MAY07	1	25MAY07	09MAY07		115		0.00	1,331.52	EM//TB = 16																																																																															
1459-424	Install bat insulation B4	05JUL07	1	05JUL07	18JUN07		115		0.00	1,331.52	EM//TB = 16																																																																															
1459-426	Install bat insulation B5	17AUG07	1	17AUG07	22AUG07		109		0.00	1,331.52	EM//TB = 16																																																																															
1459-428	Install bat insulation B6	27SEP07*	1	27SEP07	27SEP07		106		0.00	1,331.52	EM//TB = 16																																																																															
1459-430	Install bat insulation A5	17AUG07	1	17AUG07	22AUG07		109		0.00	1,331.52	EM//TB = 16																																																																															
1459-432	Install bat insulation A6	28SEP07	1	28SEP07	05OCT07		105		0.00	1,331.52	EM//TB = 16																																																																															
1459-434	Install bat insulation C6	28SEP07	1	28SEP07	05OCT07		105		0.00	1,331.52	EM//TB = 16																																																																															
Clamp Modifications																																																																																										
1459-600	Clamp mods C1	23MAR07	2	26MAR07	08MAR07		100		0.00	2,663.04	EM//TB = 32																																																																															
1459-602	Clamp mods C2	12APR07	2	13APR07	28MAR07		100		0.00	2,663.04	EM//TB = 32																																																																															

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Progress Through October 31st 2006

Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	Timeline														
											FY07					FY08					FY09				
											O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
1459-604	Clamp mods C3	24MAY07	2	25MAY07	09MAY07		115		0.00	2,663.04														EM//TB = 32	
1459-606	Clamp mods C4	03JUL07	2	05JUL07	18JUN07		115		0.00	2,663.04														EM//TB = 32	
1459-608	Clamp mods C5	16AUG07	2	17AUG07	22AUG07		109		0.00	2,663.04														EM//TB = 32	
1459-610	Clamp mods A1	23MAR07	2	26MAR07	08MAR07		100		0.00	2,663.04														EM//TB = 32	
Bearing Plate Installation																									
1459-650	Bearing Plate Installation C4	02OCT06A	1	31OCT06A	18JUN07			100	1,331.52	1,331.52														EM//TB = 16	
1459-652	Bearing Plate Installation C5	02OCT06A	1	31OCT06A	22AUG07			100	1,331.52	1,331.52														EM//TB = 16	
SSD-ST5	Misc tech shop support	01MAY06A	397	26NOV07	26NOV07		459	LOE	59,324.68	182,537.49														em//tb=2200	
Job: 1421-Mod Coil Interface Design-WILLIAMSON																									
Coil-to-coil Interface Design																									
1403-11.1	Describe interfaces as part of coil FDR's	01NOV04A	471*	31JUL06A	31JUL06A				35,507.90	35,507.90															
1403-16	Assembly bolts, nuts, washers	01OCT04A	496*	31JUL06A	31JUL06A				16,858.96	16,858.96															
1403-17	Assembly shims	01OCT04A	332*	31JUL06A	31JUL06A				20,557.93	20,557.93															
1403-18	Eccentric ball assembly	08NOV04A	471*	31JUL06A	31JUL06A				22,616.72	22,616.72															
1403-19	Top assembly dwgs for mod coil shell	01OCT04A	332*	31JUL06A	31JUL06A				24,684.03	24,684.03															
1403-19A	Bladder Details	01JUL05A	146*	30NOV05A	30NOV05A				9,411.15	9,411.15															
1421-10	add'l analysis of coil to coil joints/friction	01MAY06A	123*	31JUL06A	31JUL06A				2,699.20	2,699.20															
FY06CV-111	ECP45 FY06 cv	01OCT05A	251*	30MAR06A	30MAR06A			100	-89,310.00	-89,310.00															
IH1-001	Coil to coil analysis	01NOV06*	34	20DEC06	01DEC06		693		0.00	34,380.00														freudenberg=200	
1403-PDR	PDR		0	31OCT06*	30OCT06*		727		0.00	0.00															
1403-FDR	FDR		0	20DEC06*	01DEC06*		693		0.00	0.00															
3 Point positioning hardware																									
IH1-005	review requirements, as-built casting features	01SEP06A	62*	30NOV06	30NOV06		135	50	3,417.36	6,834.71														goranson=40	
IH1-010	obtain results from mockup test		0	30NOV06	30NOV06		135		0.00	0.00															
IH1-015	Review for approval to proceed		0	30NOV06	30NOV06		135		0.00	0.00															
IH1-020	Prepare dwgs and release	08NOV06	15	30NOV06	30NOV06		135		0.00	23,378.40														goranson=116;mcginnis=120	
IH1-025	Issue dwgs for Fabrication		0	30NOV06	30NOV06		135		0.00	0.00															
Bladders																									
IH2-005	review and finalize structural requirements	01SEP06A	42	22DEC06	17NOV06		119	50	3,421.59	6,843.18														freudenberg=40	
IH2-010	select and test concept(s)	16NOV06*	25	22DEC06	22DEC06		119		0.00	28,368.00														gettelfinger=160	
IH2-015	Finalize / select design (config and materials)	01NOV06*	36	22DEC06	22DEC06		119		0.00	21,060.00														williamson=40;dudek=80	
IH2-020	Review for approval to proceed		0	22DEC06	22DEC06		119		0.00	0.00															
IH2-025	Prepare dwgs and release	06NOV06	33	22DEC06	22DEC06		119		0.00	18,937.60														pppl designer=160	
IH2-030	Issue dwgs for Fabrication		0	22DEC06	22DEC06		119		0.00	0.00															
Bolt Reaming																									
IH3-005	review and finalize structural requirements	01SEP06A	42	04JAN07	22NOV06		106	80	5,475.52	6,844.40														freudenberg=40	
IH3-006	check access for reaming coils	15NOV06*	10	30NOV06	30NOV06		125		0.00	0.00															

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0610

**NCSX
ECP-52 Status
11/9/06**

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Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	FY07												FY08												FY09												
											O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J												O N D J F M A M J J A S O N D J F M A M J J												O N D J F M A M J J A S O N D J F M A M J J												
IH3-010	Finalize concept	14DEC06*	10	04JAN07	22NOV06		106		0.00	10,158.80	- Cole=20;goranson=40																																				
IH3-015	Review for approval to proceed		0	04JAN07	30NOV06		106		0.00	0.00	▼																																				
IH3-020	Prepare tooling specs, drawings	05JAN07*	10	18JAN07	22DEC06		106		0.00	17,190.00	- goranson=100;																																				
IH3-025	Issue dwgs for Procurement/ Fabrication		0	18JAN07	22DEC06		106		0.00	0.00	▼																																				
Shear plate and shims																																															
IH4-005	Complete testing	01SEP06A	46*	06NOV06	06NOV06		131	90	12,276.63	13,640.70	freudenberg=80																																				
IH4-010	Finalize design, select material	02OCT06A	33*	15NOV06	15NOV06		124	50	8,595.00	17,190.00	williamson=80;freudenberg=20																																				
IH4-015	Review for approval to proceed		0	15NOV06	15NOV06		124		0.00	0.00	▼																																				
IH4-020	Prepare dwgs and release	02NOV06	30	15DEC06	15DEC06		124		0.00	41,256.00	lovet=240																																				
IH4-025	Issue dwgs for Fabrication		0	15DEC06	15DEC06		124		0.00	0.00	▼																																				
Top Assy drawings																																															
IH5-005	Identify all stud, bushing, spherical washer, i	01OCT06A	37*	21NOV06	21NOV06		150	20	550.08	2,750.40	goranson=16																																				
IH5-010	Prepare advanced procurement dwgs calling out	01NOV06*	15	21NOV06	21NOV06		150		0.00	6,876.00	mcginnis=40																																				
IH5-015	Issue specs/dwgs for procurement (studs, bushi		0	21NOV06	21NOV06		150		0.00	0.00	▼																																				
IH5-020	Finish 3-coil top assembly	22DEC06*	30	09FEB07	09FEB07		134		0.00	27,504.00	mcginnis=40;lovet=120																																				
IH5-021	Finish 6-coil top assembly	12FEB07*	20	09MAR07	09MAR07		195		0.00	18,909.00	mcginnis=30;lovet=80																																				
IH5-022	Finish 18-coil top assembly	12MAR07*	20	06APR07	06APR07		423		0.00	8,595.00	mcginnis=10;lovet=40																																				
IH5-025	Develop as-built model and drawing format	15JAN07*	36	05MAR07	05MAR07		134		0.00	6,876.00	mcginnis=40																																				
IH5-030	Complete assembly spec	22JAN07	15	09FEB07	09FEB07		150		0.00	0.00	▼																																				
Other insulation over wings																																															
IH6-005	Finalize requirements	11SEP06A	34	15DEC06	10NOV06		118	50	1,369.56	2,739.11	williamson=16																																				
IH6-010	finalize design	01NOV06*	15	21NOV06	21NOV06		134		0.00	2,750.40	williamson=16																																				
IH6-015	Review for approval to proceed		0	15DEC06	21NOV06		118		0.00	0.00	▼																																				
IH6-020	Prepare dwgs and release	18DEC06	16	16JAN07	15DEC06		118		0.00	13,752.00	lovet=80																																				
IH6-025	Issue dwgs for Fabrication		0	16JAN07	15DEC06		118		0.00	0.00	▼																																				
Job: 1431 - Mod. Coil Interface Hardware-DUDEK																																															
3 Point positioning hardware																																															
IH1-030	Bid, Award, Procure or Fabricate	07DEC06*	60	08MAR07	08MAR07		131		0.00	0.00	m&s																																				
IH1-035	Receive and inspect 3 point positioning hardwa		0	08MAR07	08MAR07		131		0.00	0.00	▼																																				
Bladders																																															
1421-410	Bid, Award, Procure or Fab Bladders	02JAN07	60	26MAR07	26MAR07		119		0.00	60,000.00	m&s=\$60k																																				
IH2-040	Receive and inspect Bladders		0	26MAR07	26MAR07		119		0.00	0.00	▼																																				
Bolt Reaming																																															
IH3-030	Bid, Award, Procure or Fab Bolt Reaming	19JAN07*	60	12APR07	26MAR07		106		0.00	0.00	m&s																																				
IH3-035	Receive and inspect Bolt Reaming		0	12APR07	26MAR07		106		0.00	0.00	▼																																				
Shear plate and shims																																															
1421-210	Bid, Award, Procure Shear plate and shims	18DEC06*	60	19MAR07	19MAR07		124		0.00	138,000.00	m&s=\$138k																																				
1421-411	Deliverhardware for inboard joint fricton	18DEC06*	60	19MAR07	19MAR07		124		0.00	52,000.00	m&s=\$52k																																				

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Forecast
 zECP-52 baseline
 Progress Bar
 Critical Activity

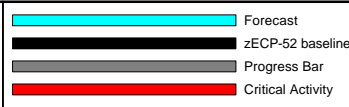
0610

NCSX
ECP-52 Status
 11/9/06

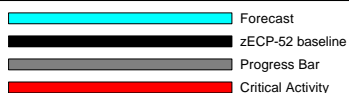
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Progress Through October 31st 2006

Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	Gantt Chart																						
											FY07					FY08					FY09												
											O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A
Job:1550 - Coil Structures Procurement -DAHLGREN																																	
1501-245	Prep Spec,Solicit Bids, and Evaluate Bids	23MAR07*	35	10MAY07	01MAY07		93		0.00	0.00	[Gantt Bar]																						
162-036.9	Award Coil Support Structure		0	10MAY07	01MAY07		93		0.00	0.00	[Gantt Bar]																						
162-037	Fabricate Coil Structure	11MAY07	249	09MAY08	30APR08		93		0.00	1,013,357.92	[Gantt Bar] 41=500\$k; 4E = 313.98 ; 35=02\$k																						
162-031	Title III engr WBS 151	11MAY07	249	09MAY08	30APR08		93		0.00	109,387.63	[Gantt Bar] Kalish=389; dahlgren=218;																						
153.037	WBS 153 Support Structure I&C Procurement/Fab	11MAY07*	249	09MAY08	30APR08		93		0.00	9,164.26	[Gantt Bar] em/sm=12;em/tb=48;41=\$2.52 k																						
153.015	Title III design WBS 153 locall&C	11MAY07*	249	09MAY08	30APR08		93		0.00	1,065.08	[Gantt Bar]; em/sm=8																						
16 - Coil Services																																	
Job: 1601 - Coil Services Design-WILLIAMSON																																	
161 - LN2 Distribution																																	
191-001	Title I design WBS 161 LN2 manifolds&piping	02APR07*	129*	02OCT07	02OCT07		158		0.00	57,409.27	[Gantt Bar] EA/EM =80hr ; williamson=51; fogarty=200																						
191-011	Title II design WBS 161 LN2 manifolds&piping	03OCT07	60	07JAN08	07JAN08		158		0.00	119,261.00	[Gantt Bar] EA/EM =160hr ; ORNLEM =503hr ;																						
191-031	Title III engr WBS 161	08JAN08	280	18FEB09	18FEB09		158		0.00	17,085.57	[Gantt Bar] EA/EM =08																						
191-037	Procurement WBS 161	08JAN08	130	09JUL08	09JUL08		170		0.00	74,394.75	[Gantt Bar] 41=52.95\$k ;																						
191-038	PDR#17	05FEB08*	110	09JUL08	09JUL08		170		0.00	62,325.80	[Gantt Bar] 41=44.36\$k ;																						
191-041	LN2 Manifolds & ppg Fab/assy/instl WBS 161	05FEB08*	110	09JUL08	09JUL08		170		0.00	33,821.56	EM//SM =71hr ; EM//TB =284hr ;																						
191-042	PDR #17,25,3	05FEB08*	110	09JUL08	09JUL08		170		0.00	10,785.36	EM//SM =23hr ; EM//TB =90hr ;																						
162 - Electrical Leads																																	
132-000	PDR #17 & 25	02APR07*	389*	16OCT08	16OCT08		238		0.00	38,917.55	[Gantt Bar] Williamson =220;																						
132-001	Title I design WBS 162 Coil leads	02APR07*	189*	07JAN08	07JAN08		100		0.00	151,405.09	[Gantt Bar] Williamson =200;Fogarty=669																						
132-011	Title II design WBS 162 Coil leads	08JAN08	130	09JUL08	09JUL08		100		0.00	159,391.00	[Gantt Bar] Williamson=868; ornlrm=20																						
132-015	Title III design WBS 162 Coil leads	10JUL08*	60	02OCT08	02OCT08		248		0.00	18,643.46	ORNLEM =98; em/sm=8																						
132-037	Coil Leads Procurement WBS 162	10JUL08*	60	02OCT08	02OCT08		100		0.00	314,446.99	[Gantt Bar] 41=223.6 k																						
163 - Coil Protection System																																	
163.001	Title I design WBS 163 Coil protection	01OCT07*	65	10JAN08	10JAN08		187		0.00	43,938.80	[Gantt Bar] Williamson =82;ornlrm=80;r///rm2=80																						
163.011	Title II design WBS 163 Coil protection	11JAN08	40	06MAR08	06MAR08		187		0.00	43,938.80	[Gantt Bar] Williamson=82;ornlrm=80;r///rm2=80																						
FY06CV-114	ECP45 FY06 cv	01OCT05A	251*	30MAR06A	30MAR06A		100		2,790.00	2,790.00																							
17 - Cryostat and Base Support Structure																																	
Job:1701-Cryost&Base Sprt Strct Dsn-GETTLEFINGER																																	
+ Prior Costs																																	
		01APR03A	842	31JUL06A	31JUL06A				239,180.00	239,180.00																							
Base Support																																	
161-001	Revise Preliminary Design for new supt locations	03APR06A	123*	30JUN06A	30JUN06A		100		49,300.81	49,300.81																							
161-002	Complete Preliminary Design	23MAR07	35	10MAY07	01MAY07		157		4,982.45	5,536.05	[Gantt Bar] Morris=17hr ;gettelfinger =20hr																						
151-003	Base Support Struct PDR		0	10MAY07*	01MAY07*		157		0.00	0.00																							

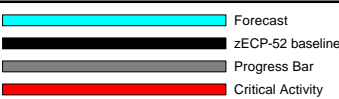


Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	FY07												FY08												FY09																																																															
											O				N				D				J				F				M				A				M				J				J				A				S				O				N				D				J				F				M				A				M				J				J			
161-011	Final Design Base Support Structure WBS 172	11MAY07	45	16JUL07	05JUL07		157		0.00	55,935.80																																																																																								
172-199	Base Support Structure FDR		0	16JUL07	05JUL07		157		0.00	0.00																																																																																								
Cryostat																																																																																																		
151-000	Adv Concep Design Cryostat shell & struct	01DEC03A	103*	31MAR04A	31MAR04A			100	6,000.00	6,000.00																																																																																								
151-001	Title I design WBS 171 cryostat	01APR04A	270*	29APR05A	29APR05A			100	125,850.61	125,850.61																																																																																								
151-002	Cryostat PDR		0	29APR05A	29APR05A			100	0.00	0.00																																																																																								
171-100	Investigate Alt Cryostat Architecture	01DEC05A	38*	31JAN06A	31JAN06A			100	0.00	0.00																																																																																								
171-101	Finalize cryostat penetrations for VV	03JAN06A	0*	31JAN06A	31JAN06A			100	0.00	0.00																																																																																								
171-102	Select gas-filled insulation-all svcs	03JAN06A	151*		31OCT06			95	0.00	0.00																																																																																								
171-103	Finalize cryo midplane arch	03JAN06A	20*	31JAN06A	31JAN06A			100	0.00	0.00																																																																																								
171-104	Plan WBS 16 interface	22FEB06A	115*		31OCT06			5	0.00	0.00																																																																																								
171-190	Define prototypical testing plan	25JUL07	35	12SEP07	12SEP07		151		0.00	0.00																																																																																								
171-192	Test cooling system	13SEP07	35	31OCT07	31OCT07		151		0.00	0.00																																																																																								
151-011	Final Design Cryostat WBS 171	01NOV07*	60	05FEB08	05FEB08		151		0.00	124,019.60																																																																																								
171-199	Cryostat FDR		0	05FEB08	05FEB08		151		0.00	0.00																																																																																								
Job: 1751 - Cryostat Procurement																																																																																																		
171 - Cryostat																																																																																																		
151-031	Title III engr	01APR08	202	23JAN09	23JAN09		176		0.00	59,712.19																																																																																								
151-036.8	Prep Spec, Solicit bids, and Select Vendor	01APR08*	43	30MAY08	30MAY08		112		0.00	0.00																																																																																								
151-036.9	Award Cryostat Procurement		0	30MAY08*	30MAY08*		112		0.00	0.00																																																																																								
151-037	Cryostat Procurement & PPPL fab [A1]	02JUN08	95	14OCT08	14OCT08		112		0.00	317,562.35																																																																																								
Job: 1752 - Base Support Structure Procurement																																																																																																		
172 - Base Support Structure																																																																																																		
161-031	Title III engr WBS 172	17JUL07	240	01JUL08	20JUN08		313		0.00	10,861.47																																																																																								
161-036.8	Prep Spec, Solicit bids, and Select Vendor	17JUL07	55	02OCT07	21SEP07		157		0.00	0.00																																																																																								
161-036.9	Award Mach Base&Coil struct as one Procurement		0	02OCT07	21SEP07		157		0.00	0.00																																																																																								
161-037	Machine Base&supports Procurement [A1]	03OCT07*	90	18FEB08	14FEB08		157		0.00	220,316.00																																																																																								
JM-07	ALL CRITICAL STELLARATOR CORE CONTRACTS PLACED		0	02OCT07	21SEP07		498		0.00	0.00	<ul style="list-style-type: none"> ▼ VVSA (WBS 12) ▼ MCWF (WBS 14) ▼ TF (WBS 13) ▼ PF Coils (WBS 13) ▼ Coil Support structure (WBS 15) ▼ Central solenoid support structure (WBS 13) ▼ Machine Base support structure (WBS 17) ▼ Field Period Assembly Fixtures ▼ Modular Coil Winding Hardware ▼ Modular Coil Interface Hardware 																																																																																							



Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days=1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	FY07												FY08												FY09											
											O N D J F M A M J J A S				O N D J F M A M J J A S				O N D J F M A M J J A S				O N D J F M A M J J A S				O N D J F M A M J J A S				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
18 - Field Period Assembly																																														
Job: 1804-Metrology Hardware-RAFTOPOULOS																																														
Metrology																																														
740.100	Romer CMM- spare probes	03JAN06A	233*	31OCT06A	30NOV06			100	4,113.00	4,113.00													ms=\$3k																							
740.105	Romer CMM-Software support&warranty renewal FY06	01OCT05A	271*	31OCT06A	29SEP06			LOE	22,210.20	22,210.20													41=\$16.2																							
740.106	Romer CMM-Software support&warranty renewal FY07	02OCT06A	250*	01OCT07	01OCT07		499	LOE	241.32	13,721.15													41=\$10																							
740.107	Romer CMM-Software support&warranty renewal FY07	03OCT07*	248*	30SEP08	30SEP08		250		0.00	11,240.00													41=\$8																							
740.108	Romer CMM-Software support&warranty renewal FY07	03OCT08*	248*	30SEP09	30SEP09		0		0.00	11,520.00													41=\$8																							
740.110	Romer CMM-Laptop for 2nd arm	01OCT05A	5	31OCT05A	31OCT05A			100	5,484.00	5,484.00																																				
+		19JAN04A	704	01NOV06	29SEP06		726		519,268.00	519,268.00																																				
+ Job: 1801-Field Period Assy -CHRZANOWSKI (ORNL)																																														
		01APR03A	757	30MAR06A	30MAR06A			100	64,690.00	64,690.00																																				
Job: 1803- FP Assy Toolg/Constructability-BROWN																																														
1.00-VV Prep Station																																														
1803-1.01	Concept definition and requirements	01FEB05A	10	28FEB05A	28FEB05A			100	16,056.00	16,056.00																																				
1803-1.02	VV Support Fixture - model design& drawing detai	01FEB05A	73	31MAY05A	31MAY05A			100	13,604.00	13,604.00																																				
1803-1.04	Metrology -sightline layout metrology support	13APR05A	18	31MAY05A	31MAY05A			100	25,502.00	25,502.00																																				
1803-1.05	Structural / Seismic Analysis check	01FEB05A	86*	31MAY05A	31MAY05A			100	13,220.00	13,220.00																																				
1803-1.06	Design review PDR VV Prep Station	01AUG05A	0*	10AUG05A	10AUG05A			100	1,983.00	1,983.00																																				
1803-1.09	Safety Review documentation / presentation	02SEP05A	10	15SEP05A	15SEP05A			100	2,644.00	2,644.00																																				
1803-1.061	Design review FDR VV Prep Station	16SEP05A	2	19SEP05A	19SEP05A			100	1,983.00	1,983.00																																				
1803-1.07	Design check and sign-off	20SEP05A	30*	31OCT05A	31OCT05A			100	3,636.96	3,636.96																																				
1803-1.10	Fab / Design Review - follow-up activities	20SEP05A	30*	31OCT05A	31OCT05A			100	7,214.11	7,214.11																																				
1803-1.08	Prep & Issue dwgs,and requisition	31OCT05A	5*	31OCT05A	31OCT05A			100	0.00	0.00																																				
1803-1.12	PPPL FAB - VV support Fixture (1st)	17OCT05A	77*	31JAN06A	31JAN06A			100	23,307.00	23,307.00																																				
1803-1.13	PPPL FAB - VV support Fixture (2nd)	16DEC05A	53*	31JAN06A	31JAN06A			100	0.00	0.00																																				
1803-1.20	Finalize loop layout on FP 2 & 3	01NOV06	20	30NOV06	26OCT06		707	50	0.00	0.00																																				
Station 2-Modular Coil Sub- Assembly																																														
1803-2.01	Concept definition and requirements	03JAN05A	52*	28FEB05A	28FEB05A			100	16,056.00	16,056.00																																				
1803-2.02	MC Holding Fixture - model design and drawing	01FEB05A	79*	29APR05A	29APR05A			100	21,728.00	21,728.00																																				
1803-2.04	Metrology - sightline layout design details metr	01AUG05A	77*	30SEP05A	30SEP05A			100	15,209.60	15,209.60																																				
1803-2.055	Update concept definition and reqmnts	05JUN06A	5	30JUN06A	30JUN06A			100	0.00	0.00																																				
1803-2.056	HP support stand	01JUN06A	15	30JUN06A	30JUN06A			100	0.00	0.00																																				
1803-2.05	Structural / Seismic Analysis	10APR06A	137*	27SEP06A	27SEP06A			100	13,924.80	13,924.80													ANALYST =80hr ;																							
1803-2.057	Resolve use of JPP holdinbg fixture	27SEP06A	6	27SEP06A	27SEP06A			100	8,354.88	8,354.88													brown=48																							
1803-2.061	PDR/FDR Half Period Assy		0	27SEP06A	27SEP06A			100	0.00	0.00																																				
1803-2.08D	Dwgs/specs for tooling released for fab	01SEP06A	42*	31OCT06A	20OCT06			100	14,084.04	14,084.04													rushinski=80																							

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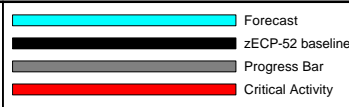
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Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	FY07			FY08			FY09																													
											O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
											1803-2.08A	Assy sequence plan drafted	01NOV06*	10	14NOV06	24OCT06		165		0.00	14,228.80																									
1803-2.08C	Dimensional control plan drafted	01NOV06*	22	04DEC06	09NOV06		153		0.00	0.00																																				
Station 3-Modular Coil to VVSA Assembly																																														
1803-3.01	Concept definition and requirements	25OCT04A	5	29OCT04A	29OCT04A			100	6,610.00	6,610.00																																				
1803-3.02	MC Turning Fixture and base - model design and d	15NOV04A	48*	31JAN05A	31JAN05A			100	1,983.00	1,983.00																																				
1803-3.03	MC Gantry Crane - model design and drawing detai	29NOV04A	40*	31JAN05A	31JAN05A			100	14,265.00	14,265.00																																				
1803-3.04	VV support stand - model design and drawing deta	29NOV04A	104*	29APR05A	29APR05A			100	8,849.00	8,849.00																																				
1803-3.05	Platform - design and drawing details	01FEB05A	7	29APR05A	29APR05A			100	9,179.50	9,179.50																																				
1803-3.084	Industry Info Meeting	21FEB05A	1	21FEB05A	21FEB05A			100	0.00	0.00																																				
1803-3.15A	Requirements finalized	01OCT06A	42*	30NOV06	02OCT06		143	80	2,276.61	2,845.76																																				
1803-3.15	Models&dwgs for- MC load support	01OCT06A	42*	30NOV06	09NOV06		143	80	6,829.82	8,537.28																																				
1803-3.17	Models&dwgs for- Laser screen guide mods	01OCT06A	42*	30NOV06	09NOV06		143	80	6,829.82	8,537.28																																				
1803-3.18	Models&dwgs for-VV support stand	01OCT06A	42*	30NOV06	09NOV06		143	80	6,829.82	8,537.28																																				
1803-3.19	Models&dwgs for-Mechanical screw drive	01OCT06A	42*	30NOV06	09NOV06		143	80	6,829.82	8,537.28																																				
1803-3.07	Structural analysis Analysis	01NOV06	41	08JAN07	28NOV06		102		0.00	28,457.60																																				
1803-3.66	Metrology layout	09JAN07*	20	05FEB07	03JAN07		102		0.00	8,537.28																																				
1803-3.22	Assy sequence plan drafted	23JAN07	10	05FEB07	03JAN07		102		0.00	14,228.80																																				
1803-3.23	Dimensional control plan drafted	23JAN07	10	05FEB07	03JAN07		102		0.00	0.00																																				
1803-3.15E	PDR/FDR		0	05FEB07	03JAN07		102		0.00	0.00																																				
1803-3.20	Dwgs/specs for tooling released for fab	06FEB07*	10	19FEB07	17JAN07		102		0.00	8,537.28																																				
+ 3.10 MC Turning Fixture-Industry Option																																														
		02MAY05A	86	31AUG05A	31AUG05A			100	20,243.80	20,243.80																																				
+ 3.20 MC Turning Fixture-Crane Option																																														
		01MAY05A	86	31AUG05A	31AUG05A			100	94,654.12	94,654.12																																				
Station 4-TF Coil Sub-assembly																																														
1803-4.02	MC Support Stand - model design and drawing deta	01APR05A	89*	31MAY05A	31MAY05A			100	14,265.00	14,265.00																																				
1803-5.001	Concept definition and requirements	02MAY05A	10	31MAY05A	31MAY05A			100	10,704.00	10,704.00																																				
1803-4.04	FP Assembly platform - model design drawing det	01AUG05A	65*	30SEP05A	30SEP05A			100	21,397.50	21,397.50																																				
1803-4.01A	Requirements finalized	15NOV06*	10	30NOV06	30NOV06		204		0.00	2,845.76																																				
1803-4.06	Models&dwgs completed for TF suprt&rotation fixt	15NOV06*	20	14DEC06	14DEC06		174		0.00	28,457.60																																				
1803-4.07	Structural Analysis	15DEC06*	20	19JAN07	19JAN07		174		0.00	28,457.60																																				
1803-4.06A	Metrology layout	22JAN07	10	02FEB07	02FEB07		174		0.00	14,228.80																																				
1803-4.10B	Assy sequence plan drafted	22JAN07	10	02FEB07	02FEB07		174		0.00	14,228.80																																				
1803-4.10C	Dimensional control plan drafted	22JAN07	10	02FEB07	02FEB07		174		0.00	0.00																																				
1803-4.08	PDR/FDR		0	02FEB07	02FEB07		174		0.00	0.00																																				
1803-4.081	Dwgs/specs for tooling released for fab	05FEB07	10	16FEB07*	16FEB07*		174		0.00	14,228.80																																				
1803-4.105	Stage 4 dwg-SE130-XXX HALF PERIOD TF ASSY	05FEB07*	40	30MAR07	30MAR07		204		0.00	21,343.20																																				

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Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	FY07												FY08												FY09																																																															
											O				N				D				J				F				M				A				M				J				J				A				S				O				N				D				J				F				M				A				M				J				J			
Station 5-Final Field Period Assembly																																																																																																		
1803-4.01	Concept definition and requirements	01MAR05A	5	28MAR05A	28MAR05A			100	10,704.00	10,704.00																																																																																								
1803-4.03	TF HP support turning fixture - model design d	01APR05A	15	30JUN05A	30JUN05A			100	14,265.00	14,265.00																																																																																								
1803-5.002	TF Rotation Fixture plus dwgs start	02MAY05A	129*	30SEP05A	30SEP05A			100	32,592.00	32,592.00																																																																																								
1803-5.003	Models & dwgs completed	06FEB07*	25	12MAR07	12MAR07		141		0.00	35,572.00	■ rushinski=200																																																																																							
1803-5.1	Requirements finalized	23JAN07*	10	05FEB07	05FEB07		141		0.00	2,845.76	■ brown=16																																																																																							
1803-5.004	Structural Analysis	13FEB07	20	12MAR07	12MAR07		141		0.00	28,457.60	■ Fan=160hrs																																																																																							
1803-5.200	Metrology layout	13MAR07	10	26MAR07	26MAR07		141		0.00	14,228.80	■ brown=80																																																																																							
1803-5.101	Assy sequence plan drafted	13MAR07	10	26MAR07	26MAR07		141		0.00	14,228.80	■ brown=80																																																																																							
1803-5.102	Dimensional control plan drafted	13MAR07*	10	26MAR07	26MAR07		141		0.00	0.00	■ brooks																																																																																							
1803-5.005	PDR/FDR		0	26MAR07	26MAR07		141		0.00	0.00	▼																																																																																							
1803-5.007	Dwgs/Specs for tooling released for fab	27MAR07	10	09APR07	09APR07		141		0.00	14,228.80	■ rushinski=80																																																																																							
+ 6.00-Interface/Test Activities																																																																																																		
		01JUN05A	87	30SEP05A	30SEP05A			100	60,393.40	60,393.40																																																																																								
+ 7.00-Oversight																																																																																																		
		01NOV04A	437	01AUG06A	01AUG06A			LOE	449,270.67	449,270.67																																																																																								
+ Prior Costs																																																																																																		
		01OCT04A	372	30MAR06A	30MAR06A				-141,900.00	-141,900.00																																																																																								
Job: 1806 - FP Assembly specs and drawings-COLE																																																																																																		
1.00-VV Prep Station																																																																																																		
121-034.2	VVSA Title III engr as-built vvsa models/dwgs	01OCT06A	122*	30MAR07	30MAR07		627	LOE	5,940.86	33,004.80	■ goranson=192																																																																																							
1803-1-100	Prep Stage 1 Spec	01SEP06A	20	29SEP06A	29SEP06A			100	3,374.00	3,374.00	■ goranson=20																																																																																							
1803-1-105	Stage 1 dwg -SE121-004	02OCT06A	10	31OCT06A	12OCT06			100	2,750.40	2,750.40	■ cole=16																																																																																							
1803-1-110	Stage 1 dwg -SE121-008	02OCT06A	5	31OCT06A	19OCT06			100	2,750.40	2,750.40	■ cole=16																																																																																							
1803-1-115	Stage 1 dwg -SE121-049 (BOM)	02OCT06A	5	31OCT06A	26OCT06			100	2,750.40	2,750.40	■ cole=16																																																																																							
1803-1-120	Spacer specification and assy dwgs	01AUG07*	40	26SEP07	26SEP07		283		0.00	2,750.40	■ cole=16																																																																																							
Station 2-Modular Coil Sub- Assembly																																																																																																		
1803-2-100	Prep Stage 2 Spec	02JAN07*	20	29JAN07	29JAN07			119		0.00	13,752.00	■ williamson=40; cole=40																																																																																						
1803-2-105	Stage 2 dwg-se140-xinterface between MC &insul	02OCT06A	20	30NOV06	29JAN07		155	65	11,173.50	17,190.00	■ goranson=20; lovett=80																																																																																							
Station 3-Modular Coil to VVSA Assembly																																																																																																		
1203-803	Prelim VV final assy dwgs 120-049,004 & 008		83*	30JUN06A	30JUN06A			60	4,048.80	4,048.80																																																																																								
1203-880	Issue 120-049,004 & 008	01MAR07*	28	09APR07	09APR07		137		0.00	8,251.20	■ mcginnis=48hr ;																																																																																							
1203-804	Issue VV assy specification	01MAR07*	13	19MAR07	19MAR07		152		0.00	6,876.00	■ goranson=40hr ;																																																																																							
1803-3-100	Prep stage 3 Spec	01MAR07*	20	28MAR07	28MAR07		145		0.00	6,876.00	■ cole=40																																																																																							
1803-3-105	Stage 3 dwg-se140-xxx - Interface between VV and	01MAR07*	20	28MAR07	28MAR07		145		0.00	17,190.00	■ goranson=20; lovett=80																																																																																							
Station 4-TF Coil Sub-assembly																																																																																																		
1803-4-100	Prep stage 4 Spec	02APR07*	20	27APR07	27APR07		184		0.00	0.00	■																																																																																							

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Forecast
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Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days=1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	FY07			FY08			FY09																											
											O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J
Station 5-Final Field Period Assembly																																												
1203-802	Issue spacer field machining dwgs	01JAN06A	171*	28SEP07	28SEP07		287	80	5,423.55	18,982.43	goranson =40hr ;																																	
1803-5-100	Prep stage 5 Spec	11JUN07*	30	23JUL07	23JUL07		138		0.00	13,752.00	cole=80																																	
1803-5-105	Prep stage 5 dwg-SE180-x PORT LOC.&WELD	05FEB07*	44	05APR07	05APR07		213		0.00	20,628.00	mcginnis=120																																	
1803-5-110	Prep stage 5 dwg-SE180-XXX TF FIELD PERIOD ASSY	08MAR07*	44	08MAY07	08MAY07		190		0.00	35,095.20	mcginnis=80;rushinski=120																																	
Job: 1805-FP Assy H/W&Fixture Procurements-DUDEK																																												
Station 2-Modular Coil Sub- Assembly																																												
1803-2.080	Issue requisition	01NOV06	10	14NOV06	20OCT06		100		0.00	0.00																																		
1803-2.08	Bid,select vendor ,award	15NOV06	20	14DEC06	17NOV06		100		0.00	0.00																																		
1803-2.11	Fab MC HP Assy Fixtures (1 fixture)	15DEC06*	60	16MAR07	21FEB07		100		0.00	74,034.00	41=54 eac																																	
Station 3-Modular Coil to VVSA Assembly																																												
1803-3.08A	Requisition issued	20FEB07	5	26FEB07	24JAN07		102		0.00	0.00																																		
1803-3.08B	Recieve & Evaluate Bids	27FEB07	20	26MAR07	21FEB07		102		0.00	0.00																																		
1803-3.15D	Award Fabrication Contract		0	26MAR07	21FEB07		102		0.00	0.00																																		
1803-3.15C	Tooling fabricated (1 fixture)	27MAR07	60	19JUN07	16MAY07		102		0.00	67,179.00	41=49 eac																																	
Station 4-TF Coil Sub-assembly																																												
1803-4.13A	Requisition issued	19FEB07	5	23FEB07	23FEB07		174		0.00	0.00																																		
1803-4.13B	Receive bids and evaluate	26FEB07	20	23MAR07	23MAR07		174		0.00	0.00																																		
1803-4.13C	Award Fabrication contract		0	23MAR07	23MAR07		174		0.00	0.00																																		
1803-4.13	FAB-TF Support Stands (1)	26MAR07	50	04JUN07	04JUN07		174		0.00	35,646.00	41=26 eac																																	
1351-090	PPPL Fab TF Coil Lift Beam (M1098)	02JAN07*	30	12FEB07	12FEB07		661		0.00	13,315.20	em/tb=160																																	
Station 5-Final Field Period Assembly																																												
1803-5.08A	Requisition Issued	10APR07	5	16APR07	16APR07		141		0.00	0.00																																		
1803-5.08B	Receive bids and evaluate	17APR07	20	14MAY07	14MAY07		141		0.00	0.00																																		
1803-5.008	Award fabrication contract		0	14MAY07	14MAY07		141		0.00	0.00																																		
1803-5.009	Fabr suprt frame, TF coil instl fixt, & platform	15MAY07*	60	08AUG07	08AUG07		141		0.00	104,196.00	41=\$76 eac																																	
Tooling Design & Fabrication																																												
713A.040	General procurements	01OCT06A	499*	30SEP08	29SEP08		250		458.05	10,410.26	41=\$7.5k																																	
713A.050	Welding tools, materials & equipt	02OCT06A	499*	30SEP08	29SEP08		250		458.05	10,410.26	41=\$7.5k																																	
Job: 1802 - FP Assy Oversight&Support-VIOLA																																												
Station 2-Modular Coil Sub- Assembly																																												
1803-2.11B	Procedures approved	30JAN07*	20	26FEB07	26FEB07		119		0.00	0.00																																		
1803-2.11D	Training needs identified & released	27FEB07*	5	05MAR07	05MAR07		119		0.00	0.00																																		
1803-2.11A	Install Holding fixture	19MAR07*	5	23MAR07	28FEB07		100		0.00	6,657.60	em/tb=80																																	
1803-2.11C	JHA completed	26MAR07*	5	30MAR07	07MAR07		100		0.00	0.00																																		
1803-2.11E	ACC review completed	02APR07*	5	06APR07	14MAR07		100		0.00	0.00																																		
1803-2.11F	Pre-jpb brief completed	02APR07*	5	06APR07	14MAR07		100		0.00	0.00																																		
1803-2.11G	Station 2 operational		0	06APR07	14MAR07		100		0.00	0.00																																		

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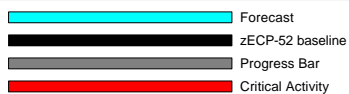
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Progress Through October 31st 2006

Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days=1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	FY07												FY08												FY09												
											O N D J F M A M J J A S O				N D J F M A M J J A S O				N D J F M A M J J A S O																												
											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			
Station 3-Modular Coil to VVSA Assembly																																															
1803-3.11B	Procedures approved	10APR07	20	07MAY07	07MAY07		137		0.00	0.00																																					
1803-3.11D	Training needs identified & released	08MAY07	5	14MAY07	14MAY07		137		0.00	0.00																																					
1803-3.15G	Fixtures installed	20JUN07	5	26JUN07	23MAY07		102		0.00	6,657.60													em/tb=80																								
1803-3.11C	JHA completed	27JUN07	5	03JUL07	31MAY07		102		0.00	0.00																																					
1803-3.11E	ACC review completed	05JUL07	5	11JUL07	07JUN07		102		0.00	0.00																																					
1803-3.11F	Pre-job brief completed	05JUL07	5	11JUL07	07JUN07		102		0.00	0.00																																					
1803-3.11G	Station 3 operational		0	11JUL07	07JUN07		102		0.00	0.00																																					
Station 4-TF Coil Sub-assembly																																															
1803-4.11B	Procedures approved	30APR07*	20	25MAY07	25MAY07		184		0.00	0.00																																					
1803-4.11D	Training needs identified & released	29MAY07*	5	04JUN07	04JUN07		184		0.00	0.00																																					
1803-4.15G	Fixtures installed	05JUN07	5	11JUN07	11JUN07		174		0.00	6,657.60													em/tb=80																								
1803-4.11C	JHA completed	12JUN07*	5	18JUN07	18JUN07		174		0.00	0.00																																					
1803-4.11E	ACC review completed	19JUN07*	5	25JUN07	25JUN07		174		0.00	0.00																																					
1803-4.11F	Pre-job brief completed	19JUN07*	5	25JUN07	25JUN07		174		0.00	0.00																																					
1803-4.11G	Station 4 operational		0	25JUN07	25JUN07		174		0.00	0.00																																					
Station 5-Final Field Period Assembly																																															
1803-5.11B	Procedures approved	24JUL07*	20	20AUG07	20AUG07		138		0.00	0.00																																					
1803-5.11D	Training needs identified & released	21AUG07*	5	27AUG07	27AUG07		138		0.00	0.00																																					
1803-5.15G	Fixtures installed	09AUG07	5	15AUG07	15AUG07		141		0.00	6,657.60													em/tb=80																								
1803-5.11C	JHA completed	16AUG07*	5	22AUG07	22AUG07		141		0.00	0.00																																					
1803-5.11E	ACC review completed	28AUG07*	5	04SEP07	04SEP07		138		0.00	0.00																																					
1803-5.11F	Pre-job brief completed	28AUG07*	5	04SEP07	04SEP07		138		0.00	0.00																																					
1803-5.11G	Station 5 operational		0	04SEP07	04SEP07		138		0.00	0.00																																					
Oversight and Supervision																																															
181.200	HP Coverage in the TFTR TC LOE FY04	02FEB04A	171*	30SEP04A	30SEP04A			LOE	61,119.60	61,119.60																																					
181.201	D-Site Shift Supervisor LOE FY04	01JUL04A	64*	30SEP04A	30SEP04A			LOE	25,920.40	25,920.40																																					
181.210	HP Coverage in the TFTR TC LOE FY05	01OCT04A	249*	30SEP05A	30SEP05A			LOE	136,539.00	136,539.00																																					
181.222	HP Coverage in the TFTR TC LOE FY06	01OCT05A	271*		02OCT06			LOE	147,576.67	147,576.67													sh/tb=1300 (.75 fte)																								
181.220	HP Coverage in the TFTR TC LOE FY07	01OCT06A	250*	01OCT07	01OCT07		499		13,247.80	150,543.22													sh/tb=1300 (.75 fte)																								
181.221	HP Coverage in the TFTR TC LOE FY08	01OCT07*	127*	07APR08	07APR08		373		0.00	75,205.82													sh/tb=841 (.75 fte)																								
181.100	PPPL EM LOE FY04	13OCT03A	242*	30SEP04A	30SEP04A			LOE	77,518.74	77,518.74																																					
181.110	PPPL EM LOE FY05	01OCT04A	249*	30SEP05A	30SEP05A			LOE	9,625.20	9,625.20																																					
181.120	PPPL EM LOE FY06	01DEC05A	230*		02OCT06			LOE	127,622.43	127,622.43													Viola=734																								
181.121	PPPL EM LOE FY07	01OCT06A	249*	28SEP07	28SEP07		500		22,888.72	260,099.10													Viola=1467 (85%)																								
181.120A	Metrology Engineering Supervision FY06	01MAY06A	129*		29SEP06				37,736.94	37,736.94													Raftopolous=216 25% for balance of FY06																								
181.122	PPPL EM LOE FY08	01OCT07*	186*	30JUN08	30JUN08		314		0.00	200,288.00													Viola=1100(85%)																								
181.120B	Metrology Engineering Supervision FY07	01OCT06A	249*	28SEP07	28SEP07		500		2,707.74	30,769.78													Raftopolous=173 =10% for FY07																								

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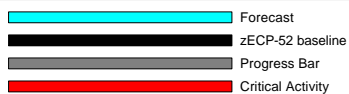
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Progress Through October 31st 2006

Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	Gantt Chart																								
											FY07					FY08					FY09														
											O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O
181.125	Title III field period assembly FY07 ORNL suppor	01OCT06A	249*	28SEP07	28SEP07		500		16,987.84	193,043.70	cole=963; mcginnis=160																								
FY05CV-28	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A				57,000.00	57,000.00																									
+		01OCT05A	249	29SEP06A	30MAR06A			100	-2,280.00	-2,280.00																									
Job:1810 - Field Period Assembly-VIOLA																																			
General F.P. Assy support																																			
740.020	Facility Prep	01MAR06A	150*	29SEP06A	29SEP06A			LOE	50,099.64	50,099.64	em/tb=531 41=5																								
FY06CV-150	ECP45 FY06 cv	01OCT05A	251*	30MAR06A	30MAR06A			100	400.00	400.00																									
S0P0-100	LOE Crane support, fixture setup for TFTR TC.	01MAY06A	107*	29SEP06A	29SEP06A			LOE	35,182.08	35,182.08	CRANE OPERATOR COVERAGE @ 50%=432hrs																								
S0P0-200	LOE Crane support, fixture setup for TFTR TC.	01OCT06A	249*	28SEP07	28SEP07		500	LOE	6,139.47	69,766.65	CRANE OPERATOR COVERAGE @ 50%=838hrs																								
S0P0-250	LOE Crane support, fixture setup for TFTR TC.	02OCT07*	248*	29SEP08	29SEP08		251	LOE	0.00	71,644.54	CRANE OPERATOR COV																								
S0P0-300	LOE Metrology support	01OCT06A	249*	28SEP07	28SEP07		500	LOE	12,654.77	143,804.16	Ducco 100%=1728hrs																								
Station 1-VV Prep (hard surface components) FP#1																																			
S1P1-101	Receive VV and inspect	09MAY06A	2	11MAY06A	11MAY06A			100	2,079.11	2,079.11																									
S1P1-101.1	metrology setup,training and calibration	15MAY06A	34*	13JUN06A	13JUN06A			100	8,647.25	8,647.25																									
S1P1-101A	Prep for mounting on fixture,Instl flanges	14JUN06A	5	29JUN06A	29JUN06A			100	5,909.02	5,909.02																									
S1P1-102	Mount VV on VV Prep fixture (top side up)	30JUN06A	2	30JUN06A	30JUN06A			100	2,086.71	2,086.71																									
S1P1-103	Establish metrology setting; align VV base	30JUN06A	21*	31JUL06A	31JUL06A			100	8,158.61	8,158.61																									
S1P1-103.1	Layout diagnostic&coolant paths on vsl w/templ		0*	29SEP06A	29SEP06A			100	42,015.59	42,015.59	edwards=232;em/tb=144																								
S1P1-106	Attach studs for coolant lines	01NOV06	12	16NOV06	08JAN07		144		0.00	17,861.76	em/tb=110;ee/sm=110																								
S1P1-104	Install heater tape on vertical ports	17NOV06	5	27NOV06	05OCT06		144		0.00	8,445.62	edwards=53;em/tb=19																								
S1P1-105	Verify installation of heater tapes	28NOV06	3	30NOV06	10OCT06		144		0.00	2,329.56	edwards=18																								
S1P1-105.1	Check port weld fit-up	01DEC06	7	11DEC06	19OCT06		144		0.00	9,320.64	rigger=56; welder=56																								
S1P1-107	Install random magnetic diagnostic sensors	12DEC06	32	01FEB07	06DEC06		144		0.00	54,435.84	edwards=224;em/tb=224																								
S1P1-107.1	Loop termination & verification	02FEB07	5	08FEB07	13DEC06		144		0.00	7,497.70	em/tb=20;em//.sm=20																								
S1P1-107.2	Install precision magnetic diagnostic sensors	09FEB07	30	22MAR07	19FEB07		144		0.00	51,033.60	edwards=210;em/tb=210																								
S1P1-108	Install cooling/htg lines to vac vsl	23MAR07	24	25APR07	23MAR07		144		0.00	40,826.88	em/tb=245;ee/sm=245																								
S1P1-109	Verify Instl of H/C lines,headers,manifolds	26APR07*	5	02MAY07	09APR07		144		0.00	9,781.44	em/tb=46;ee/sm=46																								
S1P1-110	Install local I&C (incl thermocouples)	03MAY07	7	11MAY07	18APR07		144		0.00	13,821.60	ee/sm=65;em/tb=65																								
S1P1-111	Verify installation of local I&C	14MAY07	3	16MAY07	23APR07		144		0.00	5,953.92	ee/sm=28;em/tb=28																								
S1P1-112	Final Scan	17MAY07	5	23MAY07	30APR07		144		0.00	7,049.01	ee/sm=33;em/tb=33																								
S1P1-116	Prepare and transfer completed VV to holding are	24MAY07	3	29MAY07	03MAY07		144		0.00	8,930.88	em/tb=42;ee/sm=42																								
Station 1- VV Prep (hrd surf cmpntsFP#2 (VVSA#3)																																			
S1P2-101	Receive VV and inspect	31JUL06A	3	31JUL06A	31JUL06A			100	1,664.80	1,664.80																									
S1P2-101A	Prep for mounting on fixture,Instl flanges	02OCT06A	5	31OCT06A	14DEC06			100	3,828.12	3,828.12	em/tb=46																								
S1P2-102	Mount VV on VV Prep fixture (top side up)	13OCT06A	2	18OCT06A	18DEC06			100	1,433.10	1,433.10	em/tb=11;ee/sm=4																								
S1P2-103	Establish metrology setting; align VV base	19OCT06A	3	25OCT06A	21DEC06			100	5,076.42	5,076.42	em/tb=61;																								

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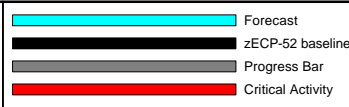
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Progress Through October 31st 2006

Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	FY07												FY08												FY09												
											FY07				FY08				FY09				FY07				FY08				FY09																
											O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J			
S1P3-103.2	Perform full machine best fit	26OCT06A	2	31OCT06A	02JAN07			100	2,070.72	2,070.72	brown (under 8203) edwards =16																																				
S1P2-105.1	Check port weld fit-up	12DEC06	7	20DEC06	09JAN07		181	0.00	9,320.64		Trigger=56; welder=56																																				
S1P2-103.1	Layout diagnostic&coolant paths on vessel	21DEC06	26	02FEB07	14FEB07		181	0.00	29,060.04		Trigger=56; welder=56 em//tb=245;ee//sm=67																																				
S1P2-104	Install heater tape on vertical ports	05FEB07	4	08FEB07	20FEB07		181	0.00	5,446.02		ee//sm=8;em//tb=53																																				
S1P2-105	Verify installation of heater tapes	09FEB07	1	09FEB07	21FEB07		181	0.00	1,433.10		ee//sm=4;em//tb=11																																				
S1P2-107	Wind magnetic diagnostic sensors	13FEB07	20	12MAR07	22MAR07		181	0.00	23,301.60		em//tb=420;																																				
S1P2-107.1	Loop termination & verification	13MAR07	9	23MAR07	04APR07		181	0.00	3,452.20		em//tb=10;em//sm=20																																				
S1P2-106	Attach studs forcoolant lines	26MAR07	12	10APR07	20APR07		181	0.00	15,229.26		em//tb=183																																				
S1P2-107.2	Install precision magnetic diagnostic sensors	11APR07	24	14MAY07	24MAY07		181	0.00	34,660.32		em//tb=163;ee//sm=163																																				
S1P2-108	Install cooling/htg lines to vac vsl	15MAY07	24	18JUN07	28JUN07		181	0.00	31,956.48		em//tb=384																																				
S1P2-109	Verify Instl of H/C lines,headers,manifolds	19JUN07	5	25JUN07	06JUL07		181	0.00	8,080.32		ee//sm=38;em//tb=38																																				
S1P2-110	Install local I&C (incl thermocouples)	26JUN07	7	05JUL07	17JUL07		181	0.00	10,151.94		ee//sm=27;em//tb=80																																				
S1P2-111	Verify installation of local I&C	06JUL07	3	10JUL07	20JUL07		181	0.00	4,890.72		ee//sm=23;em//tb=23																																				
S1P2-112	Final Scan	11JUL07	5	17JUL07	27JUL07		181	0.00	7,049.01		ee//sm=33;em//tb=33																																				
S1P2-116	Prepare and transfer completed VV to holding are	18JUL07	3	20JUL07	01AUG07		181	0.00	6,019.38		em//tb=63;ee//sm=6																																				
Station 1- VV Prep (hrd surf cmpntsFP#3 (VVSA#2)																																															
S1P3-101	Receive VV and inspect	27SEP06A	3	27SEP06A	27SEP06A			100	1,456.70	1,456.70	edwards=7;em//tb=7																																				
S1P3-101A	Prep for mounting on fixture,Instl flanges	01AUG06A	3	07AUG06A	07AUG06A			100	3,999.34	3,999.34																																					
S1P3-102	Mount VV on VV Prep fixture (top side up)	08AUG06A	1	09AUG06A	09AUG06A			100	1,402.48	1,402.48																																					
S1P3-103	Establish metrology setting; align VV base	14AUG06A	4	14AUG06A	14AUG06A			100	4,723.52	4,723.52																																					
S1P3-105.1	Check port weld fit-up	21DEC06	7	08JAN07	18JAN07		244	0.00	9,320.64		Trigger=56; welder=56																																				
S1P3-103.1	Layout diagnostic&coolant paths on vessel	01AUG07*	19	27AUG07	27AUG07		100	0.00	27,968.70		em//tb=221;ee//sm=74																																				
S1P3-104	Install heater tape on vertical ports	28AUG07	4	31AUG07	31AUG07		100	0.00	6,166.56		em//tb=29;ee//sm=29																																				
S1P3-105	Verify installation of heater tapes	04SEP07	1	04SEP07	04SEP07		100	0.00	1,433.10		ee//sm=4;em//tb=11																																				
S1P3-107	Wind magnetic diagnostic sensors	05SEP07	20	02OCT07	02OCT07		100	0.00	35,046.48		em//tb=420																																				
S1P3-107.1	Loop termination & verification	03OCT07	3	05OCT07	05OCT07		100	0.00	3,545.00		em//tb=10;em//sm=20																																				
S1P3-106	Attach studs forcoolant lines	08OCT07	12	23OCT07	23OCT07		100	0.00	18,779.82		em//tb=86;ee//sm=86																																				
S1P3-107.2	Install precision magnetic diagnostic sensors	24OCT07	19	19NOV07	19NOV07		100	0.00	22,732.36		em//tb=140																																				
S1P3-108	Install cooling/htg lines to vac vsl	20NOV07	22	21DEC07	21DEC07		100	0.00	30,081.92		em//tb=352																																				
S1P3-109	Verify Instl of H/C lines,headers,manifolds	02JAN08	5	08JAN08	08JAN08		100	0.00	7,861.32		ee//sm=36;em//tb=36																																				
S1P3-110	Install local I&C (incl thermocouples)	09JAN08	7	17JAN08	17JAN08		100	0.00	10,918.50		ee//sm=50;em//tb=50																																				
S1P3-111	Verify installation of local I&C	18JAN08	3	22JAN08	22JAN08		100	0.00	4,804.14		ee//sm=22;em//tb=22																																				
S1P3-112	Final Scan	23JAN08	3	25JAN08	25JAN08		100	0.00	7,238.97		ee//sm=33;em//tb=33																																				
S1P3-116	Prepare and transfer completed VV to holding are	28JAN08	3	30JAN08	30JAN08		100	0.00	6,598.80		em//tb=43;ee//sm=22																																				
Station 1-Spool pieces (3) (spacers)																																															
S1SP-101	Attachdiagnostics, studs and coolant lines	31JAN08	35	19MAR08	19MAR08		202	0.00	37,371.84		em//tb=288;ee//sm=96																																				
Station 2-Modular Coil Subassembly-FP#1																																															
S2P1-000	Receive MTM Fixture	02JAN07*	1	02JAN07	27OCT06		169	0.00	0.00																																						

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Progress Through October 31st 2006

Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	Gantt Chart												
											FY07				FY08				FY09				
											O	N	D	J	F	M	A	M	J	J	A	S	O
0192-6X	LOE-FY07 WBS 192	01OCT06A	243	20SEP07	20SEP07		506	LOE	14,381.06	158,033.60													
0192-7	LOE-FY08 WBS 192	03OCT07*	242	22SEP08	22SEP08		256	LOE	0.00	207,916.40													
0192-99	LOE-FY09	01OCT08*	130	13APR09	13APR09		120	LOE	0.00	153,664.00													

21 - Fueling Systems

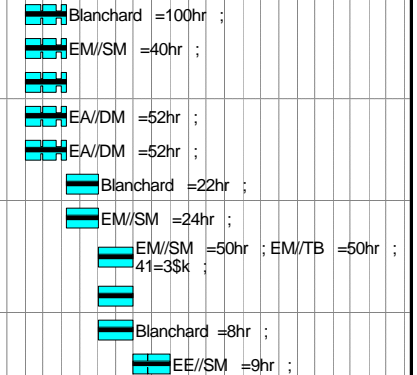
+ Job: 2001-VPS, Gas & Cond Sys Oversight-BLANCHARD

		01APR03A	757	30MAR06A	30MAR06A				62,897.20	62,897.20
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Job: 2101 - Fueling Systems

ECP 16 October 2004

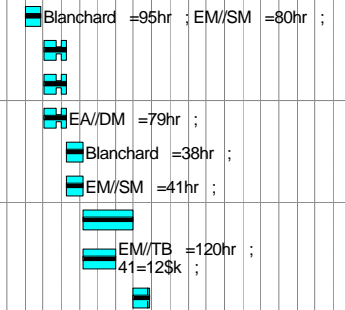
21-10	Eng. Work Planning and Design	01NOV07*	40	08JAN08	08JAN08		148		0.00	18,208.00
21-15	Design Gas Handling Hardware	01NOV07	40	08JAN08	08JAN08		148		0.00	5,246.28
21-20	Design PLC Controls	01NOV07	40	08JAN08	08JAN08		188		0.00	0.00
21-25	Electrical Drafting for pumping system	01NOV07	40	08JAN08	08JAN08		188		0.00	6,320.60
21-30	Drafting	01NOV07	40	08JAN08	08JAN08		188		0.00	6,320.60
21-35	Eng. Work Planning and Design during fab	09JAN08	40	04MAR08	04MAR08		188		0.00	4,005.76
21-40	Fabrication/Install Hardware	09JAN08	40	04MAR08	04MAR08		148		0.00	3,228.48
21-45	Fabrication/installation	05MAR08	40	29APR08	29APR08		148		0.00	15,214.00
21-55	Install PLC Controls	05MAR08	40	29APR08	29APR08		148		0.00	0.00
21-60	Integrated Systems Testing/Eng	05MAR08	40	29APR08	29APR08		148		0.00	1,456.64
21-65	Integrated Systems Testing/Tech Support	30APR08	45	02JUL08	02JUL08		148		0.00	1,196.19



22 - Torus Vacuum Pumping Systems

Job: 2201 - Vacuum Pumping Systems

22-25	Eng. Work Planning and Design	01NOV07*	20	28NOV07	28NOV07		180		0.00	28,059.20
22-30	Design PLC based control system *N/R*	03DEC07	20	08JAN08	08JAN08		437		0.00	0.00
22-35	Electrical Drafting for pumping system *N/R*	03DEC07	20	08JAN08	08JAN08		200		0.00	0.00
22-40	Drafting	03DEC07	20	08JAN08	08JAN08		180		0.00	9,602.45
22-45	Eng. Work Planning and Design during fab	09JAN08	20	05FEB08	05FEB08		180		0.00	6,919.04
22-50	Perform maint. & repair of pmpg sys	09JAN08	20	05FEB08	05FEB08		180		0.00	5,515.32
22-55	Repair and Calibration vac instrumentation*N/R*	06FEB08	60	29APR08	29APR08		180		0.00	0.00
22-60	Fabrication/installation	06FEB08	40	01APR08	01APR08		200		0.00	27,115.20
22-70	Integrated Systems Testing/Eng *N/R*	30APR08	20	28MAY08	28MAY08		180		0.00	0.00



+ 25 - Neutral Beam Injection System

		01APR03A	757	30MAR06A	30MAR06A				285,017.67	285,017.67
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Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	FY07												FY08												FY09																																																															
											O				N				D				J				F				M				A				M				J				J				A				S				O				N				D				J				F				M				A				M				J				J			
											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	O	N	D	J	F	M	A	M	J	J																																												
Saddle Loop Termination Boxes																																																																																																		
3101-333	Complete termination box design & prototyping	26SEP05A	47*	31OCT05A	31OCT05A			100	10,833.80	10,833.80																																																																																								
3101-421	FDR of terminations incl in saddle loop FDR	31MAY06A	1	31MAY06A	31MAY06A			100	0.00	0.00																																																																																								
3101-422	Fab Prototype term. Box	01MAY06A	20	31MAY06A	31MAY06A			100	3,257.60	3,257.60																																																																																								
3101-517	Fab termination boxes (24)	01NOV06*	20	30NOV06	27OCT06		707		0.00	29,734.92	labik=10;machinist=336																																																																																							
3101-517A	Install termination boxes	23MAR07	212*	30JAN08	30JAN08		100		0.00	10,700.61	labik=10;machinist=10; diag tech=96																																																																																							
Rogowski Coils																																																																																																		
3101-301	LAYOUT LOCATION ROWGOSKI COIL & EST COIL	01JUN05A	166*	31JAN06A	31JAN06A			100	4,924.69	4,924.69																																																																																								
3101-309	DESIGN COIL MOUNTING TECHNIQUE	26SEP05A	127*	31MAR06A	31MAR06A			100	3,459.89	3,459.89																																																																																								
3101-305	work on coil design with vendor	03OCT05A	221*	28FEB07	28FEB07		649	75	2,622.71	3,496.95	LABIK =20hr ;																																																																																							
3101-312	Mandrel prototype	01NOV06*	20	30NOV06	30NOV06		707		0.00	0.00																																																																																								
3101-313	DESIGN LEAD ROUTING AND TERMINATION	01NOV06*	20	30NOV06	30NOV06		139		0.00	3,546.00	LABIK =20hr ;																																																																																							
3101-317	PDR PREP- ROWGOWSKI COIL	01DEC06*	20	05JAN07	05JAN07		139		0.00	5,238.10	STRATTON =10hr ; LABIK =20hr ;																																																																																							
3101-318	PDR - ROWGOWSKI COIL		0	05JAN07*	05JAN07*		139		0.00	0.00	LABIK =20hr ;																																																																																							
3101-321	Specify Rogowski Coils	08JAN07*	10	19JAN07	19JAN07		139		0.00	3,546.00	LABIK =20hr ;																																																																																							
3101-325	FDR PREP ROWGOSKI COIL	22JAN07*	10	02FEB07	02FEB07		139		0.00	3,546.00	LABIK =20hr ;																																																																																							
3101-326	FDR - ROWGOSKI COIL		0	02FEB07	02FEB07		139		0.00	0.00																																																																																								
3101-329	FAB ROWGOWSKI COILS (2)	05FEB07	10	16FEB07	16FEB07		139		0.00	24,111.00	M&S =15\$K ; LABIK =20hr ;																																																																																							
TF and PF Co-wound Loops																																																																																																		
3101-401	MOUNTING/LOCATING TECHNIQUE TF CO-WOUND	25JUL05A	28*	31AUG05A	31AUG05A			100	6,275.20	6,275.20																																																																																								
3101-405	DESIGN TERMINATION N/R	01NOV06	1	01NOV06	29SEP06		726		0.00	0.00																																																																																								
3101-409	FINALIZE LOOP LOCATION/MOUNTING TECHNIQUE	01AUG05A	20	31AUG05A	31AUG05A			100	6,416.80	6,416.80																																																																																								
3101-417	PROCURE MATERIALS	01MAY06A	165*	22DEC06	11OCT06		279	90	9,316.66	10,351.84	M&S =05\$K ; LABIK =20hr ;																																																																																							
3101-425	INSTALL HEAT SHRINK CABLE(for 18 TF coils)	02JAN07*	20	29JAN07	29JAN07		279		0.00	2,746.26	EM//TB=100 hrs																																																																																							
3101-426	INSTALL HEAT SHRINK CABLE (for 6 PF coils)	02JAN07*	20	29JAN07	29JAN07		441		0.00	5,492.52	EM//TB=100 hrs																																																																																							
3101-429	INSTALL TERMINATIONS	03OCT07*	251	03OCT08	03OCT08		247		0.00	8,776.31	LABIK =20hr ; DIAG																																																																																							
+ Modular Coil Shell Saddle Loops**CANCELLED SCOPE																																																																																																		
		01MAY06A	106	29SEP06A	29SEP06A			100	3,311.80	3,311.80																																																																																								
+ 																																																																																																		
		01OCT04A	457	31JUL06A	31JUL06A				173,041.42	173,041.42																																																																																								
36 - Edge and Divertor Diagnostics																																																																																																		
Job: 3601 - Edge and Divertor Diagnostics																																																																																																		
361-001	Design Visible Camera sys	11JAN08*	40	06MAR08	06MAR08		101		0.00	868.80	R//RM2 =5																																																																																							
361-015	Fab/Assy/Installation Visible Camera	07MAR08*	130	09SEP08	09SEP08		101		0.00	8,575.80	R//RM2 =30hr EM//SM =25hr ; 41=0\$K ; use existing camera																																																																																							

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Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	FY07												FY08												FY09												
											O				N				D				O				N				D				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	
38 - Electron Beam (EB) Mapping																																															
Job: 3801 - Electron Beam Mapping																																															
380-010	Design-Beam Probe,Fluor. Screen	01FEB08*	40	27MAR08	27MAR08		114		0.00	9,028.15																																					
380-015	Fab & Install Beam probe	16APR08	102	09SEP08	09SEP08		101		0.00	20,610.70																																					
39 - Diagnostics Integration																																															
Job: 3901 - Diagnostics sys Integration-JOHNSON																																															
+ Prior Costs																																															
		01APR03A	885	29SEP06A	31JAN06A				345,322.33	345,322.33																																					
390-140	Write ICD's-Define external space for diagnostic		0	31OCT06*	28SEP06*		727	50	0.00	0.00																																					
390-150	Write ICD's-Define space f/racks in cntrl rm		0	31OCT06*	28SEP06*		727	50	0.00	0.00																																					
390-03	LOE Support FY07	01OCT06A	249	28SEP07	28SEP07		500	LOE	2,635.61	29,950.17	Stratton =177hr																																				
41 - AC Power																																															
Job: 4101 - AC Power-RAMAKRISHNAN																																															
411 - Auxiliary AC Power Systems																																															
4101-100	Prepare Preliminary One line diagram	01MAR04A	173*	30SEP04A	30SEP04A			100	8,442.00	8,442.00																																					
4101-100.1	Prepare Preliminary One line diagram	01OCT07*	173	11JUN08	11JUN08		327		0.00	1,105.97																																					
411-1-100	Ex-Test cell AC pwr-Reactivate& new instl	01OCT07*	241	17SEP08	17SEP08		259		0.00	13,285.15																																					
411-2-2	Grounding-Dsn	01OCT07*	86	08FEB08	08FEB08		114		0.00	32,148.08																																					
411-2-4	Grounding-Procure	11FEB08*	107	10JUL08	10JUL08		114		0.00	7,025.00																																					
411-2-6	Grounding-Install	09MAY08*	43	10JUL08	10JUL08		114		0.00	46,611.46																																					
411-2-8	Grounding-Commission	11JUL08*	29	20AUG08	20AUG08		114		0.00	16,436.96																																					
411-3-2	Test Cell AC Power Distr-Dsn	01OCT07*	90	14FEB08	14FEB08		181		0.00	3,842.12																																					
411-3-2.04	Test Cell AC Power fy04	01APR04A	186*	30SEP04A	30SEP04A			100	73,000.00	73,000.00																																					
411-3-4	Test Cell AC Power Distr-Procure(pnl& xfmrs)	01JUL05A	108*	28NOV07	28NOV07		457	20	9,052.19	45,260.93																																					
411-3-6	Test Cell AC Power Distr-Install	15FEB08	65	15MAY08	15MAY08		181	50	16,186.45	32,372.89																																					
411-3-8	Test Cell AC Power Distr-Commission	14MAR08*	45	15MAY08	15MAY08		181		0.00	32,873.92																																					
411-4-2	Standby Power for Cryo Sys -Dsn	01NOV06	0	31OCT06	28SEP06		727		0.00	0.00																																					
411-4-4	Standby Power for Cryo Sys -Procure	01NOV06	0	31OCT06	28SEP06		727		0.00	0.00																																					
411-4-6	Standby Power for Cryo Sys -Install	01NOV06	0	31OCT06	28SEP06		727		0.00	0.00																																					
412 - Experimental AC Power Systems																																															
412-1-2	D-site Pulsed AC Power Distr-Dsn	01OCT07*	65	10JAN08	10JAN08		103		0.00	11,917.60																																					
412-1-4	D-site Pulsed AC Power Distr-Procure	11JAN08	65	10APR08	10APR08		103		0.00	7,025.00																																					

R//RM2 =10hr ; EM//EM =10hr ;
EA//DM =45hr ;
R//RM2 =80hr
EE//SM =10hr ;
em//sm=40;41=0

Stratton =177hr

vankirk =16hr ; raki =24hr ;
ee//sm=16; ee//tb=32
vankirk=5;raki=12;ee//sm=
ee//tb=21;M&S=2;Powers=
VANKIRK =160hr ; Raki =72hr ;
41=05\$K ;
EE//EM =28hr ; EE//SM =56hr ;
EE//TB =112hr ;41=17.5
EE//EM =24hr ; EE//SM =40hr ;
EE//TB =80hr ;
VANKIRK =20hr ; Raki =8hr ;
41=34\$K ;
EE//EM =40hr ; EE//SM =40hr ;
EE//TB =240hr ; POWERS
EE//EM =48hr ; EE//SM =80hr ;
EE//TB =160hr ;

VANKIRK =40hr ; Raki =40hr ;
41=05\$K ;

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Forecast
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Progress Bar
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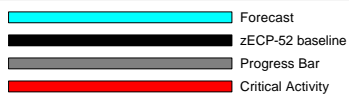
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Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days=1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	Gantt Chart													
											FY07					FY08					FY09			
											O	N	D	J	F	M	A	M	J	J	A	S	O	N
412-1-6	D-site Pulsed AC Power Distr-Install	11APR08	40	06JUN08	06JUN08		103		0.00	18,215.68	EE//EM =16hr ; EE//SM =64hr ; EE//TB =80hr ;													
412-1-8	D-site Pulsed AC Power Distr-Commission	09JUN08	40	04AUG08	04AUG08		103		0.00	10,866.80	EE//EM =24hr ; EE//SM =24hr ; EE//TB =40hr ;													
FY05CV-34	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A				2,000.00	2,000.00														
43 - DC Systems																								
Job: 4301 - DC Systems-RAMAKRISHNAN																								
431 - C-Site DC Systems																								
431-260	Power loop design	01NOV04A	350*	23DEC05A	23DEC05A		100		111,112.40	111,112.40														
431-200	Condition/spare parts inventory	01OCT04A	394*	31OCT07	31OCT07		477	95	16,987.59	17,881.68	hatcher=24;cropper=120													
431-210	Organize & verify documentation	01OCT04A	394*	31OCT07	31OCT07		477	95	43,443.28	45,729.77	raki=104;cropper=64;nelson=200													
431-215	Document status	01OCT04A	394*	31OCT07	31OCT07		477	90	5,788.39	6,431.54	raki=40													
431-225	Reactivate DF & PEI units	01JUL05A	209*	31OCT07	31OCT07		477	90	13,174.14	14,667.31	Hatcher=16;cropper=24;wisowaty=80 raki=16													
431-230	Load test	01JUL05A	209*	31OCT07	31OCT07		477	90	16,997.66	18,915.66	Hatcher=40;mg wisowaty=120 raki=16													
431-240	Simulate each of 6 pwr loops in PSCAD	01OCT07*	40	23NOV07	23NOV07		460		0.00	19,620.96	Hatcher=80 ee//tb=64													
431-250	c-site dc sys DGS dsn documentation	01OCT07*	40	23NOV07	23NOV07		460		0.00	7,684.24	raki=16;jones=40													
431-261	Redo power loop design	01OCT07*	40	23NOV07	23NOV07		179		0.00	51,749.92	raki=128;jones=240													
431-265	Fabricate bus components	26NOV07*	55	21FEB08	21FEB08		179		0.00	18,469.44	raki=16;ee//sm=40;ee//tb=120													
431-275	Power cabling & Installation	22FEB08*	88	25JUN08	25JUN08		179		0.00	220,005.80	raki=40;ee//sm=240;ee//tb=520 powers=90;m&s=7													
431-276	Maint of C-site rectifiers	01OCT07*	249	29SEP08	29SEP08		251		0.00	21,918.57	ee//tb=173; 41=\$5k													
ECP494301	ECP49 job closeout for fy06	01OCT05A	251	31JUL06A	31JUL06A				106,000.00	106,000.00														
FY05CV-35	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A				69,000.00	69,000.00														
44 - Control and protection Systems																								
Job: 4401 - Control & Protection-RAMAKRISHNAN																								
441 - Electrical Interlocks																								
441-095	Design Interlock sys	01OCT07*	65	10JAN08	10JAN08		135		0.00	33,559.20	raki=80;vankirk=160													
441-097	Install Interlock sys	11JAN08	65	10APR08	10APR08		156		0.00	30,060.40	raki=80;ee//sm=120													
441-100	PLC Specification	11JAN08	85	08MAY08	08MAY08		135		0.00	14,498.56	raki=40;cropper=56													
441-105	Prep Block diagrams	11JAN08	85	08MAY08	08MAY08		135		0.00	17,688.40	raki=40;cropper=80													
441-110	PLC CWD's & Cabling	09MAY08*	85	09SEP08	09SEP08		135		0.00	23,004.80	marsala=40;cropper=120													
441-115	deliver PLC	09MAY08*	85	09SEP08	09SEP08		265		0.00	70,250.00	M&S=50													
441-120	Program PLC Logic	10SEP08	45	11NOV08	11NOV08		220		0.00	24,044.53	lawson=40;cropper=120													
441-125	Program Control pages	10SEP08	97	04FEB09	04FEB09		168		0.00	25,478.89	schneider=32;cropper=120;sichta=16													
441-130	Pre-commissioning tests	11APR08	214	20FEB09	20FEB09		156		0.00	25,110.23	raki=40;cropper=120;M&S=1													
441-135	Install I/O Cabling	10SEP08	130	23MAR09	23MAR09		135		0.00	123,488.63	raki=120;ee//sm=80;Powers=30 k ea//sm=160;ee//tb=160;41=\$8k													

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Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days=1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	FY07												FY08												FY09											
											O				N				D				O				N				D				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
442 - Kirk Key Interlocks																																														
442-1-2	Kirk Keys-Dsn	01OCT07*	41	26NOV07	26NOV07		127		0.00	16,779.60																									EA/DM =80hr ; EE/EM =40hr ;											
442-1-4	Kirk Keys-Procure	27NOV07	65	07MAR08	07MAR08		127		0.00	14,050.00																									41=10\$K ;											
442-1-6	Kirk Keys-Install	10MAR08	40	02MAY08	02MAY08		127		0.00	45,239.20																									EE/EM =16hr ; EE/SM =16hr ; EE/TB =60hr ;											
442-1-8	Kirk Keys-Commission	19MAY08	30	30JUN08	30JUN08		127		0.00	7,202.24																									EE/EM =16hr ; EE/SM =20hr ; EE/TB =20hr ;											
443 - Real Time Control Systems																																														
443-1-2	Develop Control Algorithms-Dsn	01OCT07*	142	28APR08	28APR08		150		0.00	14,111.20																									EE/EM =80hr ;											
444 - Instrument Systems																																														
444-2-2	DC Potential Transducers (DCPTs)-Dsn	01OCT07*	95	21FEB08	21FEB08		205		0.00	11,526.36																									EA/DM =60hr ; EE/EM =24hr ;											
444-2-4	DC Potential Transducers (DCPTs)-Procure	22FEB08	109	25JUL08	25JUL08		205		0.00	8,430.00																									41=6k ;											
444-2-6	DC Potential Transducers (DCPTs)-Install	28JUL08	51	07OCT08	07OCT08		205		0.00	19,918.05																									EE/EM =16hr ; EE/SM =24hr ; EE/TB =160hr ;											
444-2-8	DC Potential Transducers (DCPTs)-Commission	08OCT08	40	04DEC08	04DEC08		205		0.00	13,442.28																									EE/EM =24hr ; EE/SM =24hr ; EE/TB =60hr ;											
444-3-2	DC Shunts-Dsn	01OCT07*	122	31MAR08	31MAR08		378		0.00	16,779.60																									VANKIRK =80hr ; Raki =40hr ;											
444-3-4	DC Shunts-Procure**N/R**	01NOV06	0	31OCT06	28SEP06		727		0.00	0.00																																				
444-3-6	DC Shunts-Install**N/R**	01NOV06	0	31OCT06	28SEP06		727		0.00	0.00																																				
444-3-8	DC Shunts-Commission**N/R**	01NOV06	0	31OCT06	28SEP06		727		0.00	0.00																																				
444-4-2	Signal Conditioning & Cabling-Dsn	01JUL05A	108*	28NOV07	28NOV07		367	15	6,244.25	41,628.32																									EA/DM =80hr ; EE/EM =200hr ;											
444-4-4	Signal Conditioning & Cabling-Procure	01JUL05A	241*	18DEC07	18DEC07		336	15	2,427.83	16,185.51																									41=12\$K ;											
444-4-6	Signal Conditioning & Cabling-Install	24JAN08	68	28APR08	28APR08		336		0.00	28,338.56																									EE/EM =24hr ; EE/SM =24hr ; EE/TB =280hr ;											
444-4-8	Signal Conditioning & Cabling-Commission	29APR08	22	29MAY08	29MAY08		336		0.00	17,226.72																									EE/EM =48hr ; EE/SM =40hr ; EE/TB =40hr ;											
445 - Coil Protection Systems																																														
445-1-2	Ground Fault Protection-Dsn	01OCT07*	82	04FEB08	04FEB08		151		0.00	35,752.80																									VANKIRK =120hr ; Raki =120hr ;											
445-1-4	Ground Fault Protection-Procure	01NOV07*	65	12FEB08	12FEB08		145		0.00	25,290.00																									41=18\$K ;											
445-1-6	Ground Fault Protection-Install	13FEB08*	40	08APR08	08APR08		145		0.00	23,766.08																									EE/EM =40hr ; EE/SM =48hr ; EE/TB =120hr ;											
445-1-8	Ground Fault Protection-Commission	07MAY08	20	04JUN08	04JUN08		145		0.00	10,178.08																									EE/EM =24hr ; EE/SM =24hr ; EE/TB =32hr ;											
445-2-0	Overload Protection & Cabling-Prelim Dsn	01MAR04A	272	30SEP04A	30SEP04A				1,054.90	1,054.90																																				
445-2-105	Overload Protect-Write spec and approve	01OCT07*	20	26OCT07	26OCT07		480		0.00	14,111.20																									marsala=80											
445-2-110	Overload Protect-Design	01OCT07*	80	31JAN08	31JAN08		281		0.00	30,720.64																									lawson=128;elect dsn=32;ee/sm=32											
445-2-115	Overload Protect-Fabr 4 chassis 120 modls	01FEB08*	79	21MAY08	21MAY08		281		0.00	28,801.95																									marsala=48;reese=153											
445-2-120	Overload Protect-Test 4 units	22MAY08	20	19JUN08	19JUN08		281		0.00	9,897.60																									raki=32;carson=32											
445-2-125	Overload Protect-Install & Rack wiring	20JUN08	20	18JUL08	18JUL08		281		0.00	18,700.79																									raki=48;gibilisco=77											
445-2-130	Overload Protect-Write & perform ISTEP	21JUL08	20	15AUG08	15AUG08		281		0.00	9,897.60																									raki=32;gibilisco=32											
445-2-135	Overload Protect-Documentation	08OCT07*	180	27JUN08	27JUN08		315		0.00	10,601.44																									raki=16;elect dsn=64											
445-2-140	Overload Protection&cabling design,procure instl	01OCT07*	249	29SEP08	29SEP08		251		0.00	59,697.20																									raki=99;elect dsn=80;ee/41=3;powers=10k											
ECP494401	ECP49 job closeout for fy06	01OCT05A	251	31JUL06A	31JUL06A				24,000.00	24,000.00																																				

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 Forecast
 zECP-52 baseline
 Progress Bar
 Critical Activity

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Progress Through October 31st 2006

Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	FY07												FY08												FY09											
											O				N				D				O				N				D				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
+ 46 - FCPC Building Modifications																																														
		01APR03A	43	30SEP03A	30SEP03A			100	1,300.00	1,300.00																																				
51 - TCP/IP Infrastructure Systems																																														
Job: 5101 - TCP/IP Infrastructure Systems																																														
51-10	Preliminary Design (Title I)	01OCT07*	45	04DEC07	04DEC07		227		0.00	4,695.30																																				
51-20	Final Network Design (Title II)	05DEC07	20	10JAN08	10JAN08		227		0.00	4,695.30																																				
51-30	Installation, Testing, Documentation (Title III)	11JAN08	120	27JUN08	27JUN08		227		0.00	141,455.60																																				
52 - Central Instrumentation & Control																																														
5201 - I&C Systems																																														
52-10	Preliminary Design (Title I)	01OCT07*	45	04DEC07	04DEC07		145		0.00	6,260.40																																				
52-20	Final Design (Title II)	05DEC07	87	14APR08	14APR08		145		0.00	6,260.40																																				
52-30	Installation, Testing, Documentation (Title III)	15APR08	135	23OCT08	23OCT08		145		0.00	126,284.98																																				
53 - Data Acquisition & Facility Computing																																														
5301 - Data Acquisition																																														
53-10	Preliminary Design (Title I)	01OCT07*	45	04DEC07	04DEC07		167		0.00	31,302.00																																				
53-20	Final Design (Title II)	05DEC07	65	13MAR08	13MAR08		167		0.00	31,302.00																																				
53-30	Coding, Configuration, Testing (Title III)	14MAR08	135	23SEP08	23SEP08		167		0.00	87,502.00																																				
54 - Facility Timing & Synchronization																																														
Job: 5401 - Facility Timing & Synchronization																																														
54-10	Preliminary Design (Title I)	02OCT07*	45	05DEC07	05DEC07		166		0.00	6,260.40																																				
54-20	Final Design (Title II)	06DEC07	65	14MAR08	14MAR08		166		0.00	6,260.40																																				
54-30	Installation, Testing, Documentation (Title III)	17MAR08	135	24SEP08	24SEP08		166		0.00	69,632.20																																				
55 - Real Time Plasma & Power Supply Control Sys																																														
5501 - Real Time Control System																																														
55-10	Preliminary Design (Title I)	02OCT07*	45	05DEC07	05DEC07		226		0.00	6,260.40																																				
55-20	Final Design (Title II)	06DEC07	20	11JAN08	11JAN08		226		0.00	6,260.40																																				
55-30	Installation, Testing, Documentation (Title III)	29APR08	120	16OCT08	16OCT08		150		0.00	81,478.84																																				

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Forecast
 zECP-52 baseline
 Progress Bar
 Critical Activity

0610

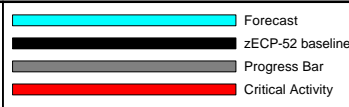
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Progress Through October 31st 2006

Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days=1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	Gantt Chart																						
											FY07					FY08					FY09												
											O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A
56 - Central Safety Interlock Systems																																	
Job: 5601 - Central Safety Interlock Systems																																	
56-10	Preliminary Design (Title I)	02OCT07*	87	12FEB08	12FEB08		171		0.00	6,260.40	EC//EM =40hr ;																						
56-20	Final Design (Title II)	13FEB08	45	15APR08	15APR08		171		0.00	6,260.40	EC//EM =40hr ;																						
56-30	Installation, Testing, Documentation (Title III)	16APR08	108	17SEP08	17SEP08		171		0.00	116,850.20	EC//EM =220hr ; EE/tb=800hr ; 41=10\$k ;																						
57 - Control Room Facility																																	
Job: 5701 - Control Room Facility																																	
57-10		01NOV06	0	31OCT06	28SEP06		727		0.00	0.00																							
58 - Central I&C management and Integration																																	
Job: 5801 - Central I&C Integr & Oversight-SICHTA																																	
51-00	FY03	01APR03A	250*	30SEP03A	30SEP03A			LOE	11,900.00	11,900.00																							
51-01	FY04 LOE support	01OCT03A	250*	30SEP04A	30SEP04A			LOE	16,000.00	16,000.00																							
51-02	FY05 LOE support	01OCT04A	249*	30SEP05A	30SEP05A			LOE	12,462.26	12,462.26																							
58-FY06	FY07 LOE support	01MAY06A	107*	29SEP06A	29SEP06A			LOE	11,932.00	11,932.00	EC//EM =80hr ;																						
58-FY07	FY07 LOE support	02OCT07*	249*	30SEP08	30SEP08		250	LOE	0.00	12,520.80	EC//EM=80																						
FY05CV-38	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A				-7,000.00	-7,000.00																							
FY06CV-180	ECP45 FY06 cv	01OCT05A	251*	30MAR06A	30MAR06A			100	340.00	340.00																							
61 - Water Systems																																	
Job:6101 - Water Systems																																	
613 - Vacuum Pumping System																																	
623.011	Design WBS 612 **N/R**	01NOV07*	59	04FEB08	04FEB08		209		0.00	0.00	em//em=10 em//tb=58; 41=\$5k																						
632.021	WBS 612 Assembly/Fabrication/Installation	05FEB08	40	31MAR08	31MAR08		209		0.00	13,802.48																							
62 - Cryogenic Systems																																	
Job: 6201 - Cryogenic Systems																																	
621 - LN2-LHe Supply System																																	
631-001	Preliminary Design	01OCT07*	30	09NOV07	09NOV07		247		0.00	16,205.12	EM//EM =89hr ;																						
631-010	Final Design**reduced scope	12NOV07	30	03JAN08	03JAN08		247		0.00	18,149.92	EM//EM =89hr ; EA/DM =176-160=16hr ;																						
631-020	Procurement **reduced scope	04JAN08	88	06MAY08	06MAY08		247		0.00	123,078.00	41=88\$k -51.4=36.6 ;																						
631-015	Fab/Assy/Installation**reduced scope	29FEB08	65	30MAY08	30MAY08		247		0.00	71,991.50	EM//EM =89hr ; EM//SM =140-1 EM//TB =580-170=410hr ;																						
622 - LN2 Coil Cooling Supply																																	
632-001	**deleted scope	01NOV06	0	31OCT06	28SEP06		727		0.00	0.00																							
623 - GN2 Cryostat Cooling System																																	
633-001	Preliminary Design	01OCT07*	20	26OCT07	26OCT07		232		0.00	16,205.12	EM//EM =89hr ;																						

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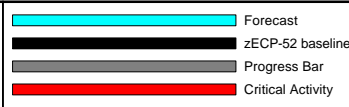
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Progress Through October 31st 2006

Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	FY07												FY08												FY09												
											O				N				D				O				N				D				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	
730.1250	PSO Operational Readiness Assessment		0	06JAN09	06JAN09		101		0.00	0.00	***** COMPLETE OPERATIONAL READINESS ASSESSMENT DOE LEVEL 2 MILESTONE PEP DATE = JUNE 2009 *****																																				
730.8200	PTP and Cooldown	19JAN09	10	30JAN09	21JAN09		93		0.00	70,850.40	EM//EM =80hr ; EM//SM =80hr EM//TB =480hr ;																																				
76 - Tooling Design & Fabrication																																															
Job: 7601 - Tooling Design & Fabrication																																															
713.020	Lab Fab/Assy/Installation	01OCT07*	329*	30JAN09	30JAN09		171		0.00	32,704.75	PERRY=80;err																																				
713.030	Tooling,assy fixtures,misc equipt	01OCT07*	329*	30JAN09	30JAN09		171		0.00	84,804.26	41=\$60k																																				
713.040	General procurements	01OCT07*	329*	30JAN09	30JAN09		171		0.00	63,603.19	41=\$45k																																				
713.050	Welding tools, materials & equipt	01OCT07*	329*	30JAN09	30JAN09		171		0.00	56,536.17	41=\$40k																																				
81 - Project Management and Control																																															
Job: 8101 - Project Management & Control-NEILSON																																															
+ Prior Costs																																															
		01APR03A	885	29SEP06A	30SEP05A				1,920,581.73	1,920,581.73																																					
810.004	Project Management Office PPPL FY06	03OCT05A	249*	29SEP06A	29SEP06A			LOE	634,642.72	634,642.72	hutch=1503 85% 41=06\$K ; 35=08\$K ; strykowsky=1592 90% ; pam=312 15% ; phil=0%																																				
810.005	Project Management Office PPPL FY07	01OCT06A	249*	28SEP07	28SEP07		500		56,397.43	640,879.96	hutch=1503 85% ; strykowsky=1592 90% ; pam=416 20%																																				
810.900	Project Management Office PPPL FY08	01OCT07*	250*	30SEP08	30SEP08		250		0.00	554,496.26	hutch=1238 70% ; strykowsky=1326 75% ; pa																																				
810.909	Project Management Office PPPL FY09	01OCT08*	163*	29MAY09	29MAY09		87		0.00	84,463.70	hutch=190 11% strykowsky=190 11% ; 35=1																																				
Job: 8102 - NCSX MIE Management ORNL-LYON																																															
+ Prior Costs																																															
		01APR03A	885	29SEP06A	30SEP05A				255,968.98	255,968.98																																					
810.104	Project Management Office ORNL FY06	01OCT05A	249*	29SEP06A	29SEP06A			LOE	173,610.65	173,610.65	ORNLRM =850hr Lyon 50-% ORNL41 =2\$ ornlam=95 Admin 5%																																				
810.104X	Project Management Office ORNL FY07	01OCT06A	249*	28SEP07	28SEP07		500		7,528.21	66,152.50	ORNLRM =530hr 30% ORNL41 =2\$																																				
810.105X	Project Management Office ORNL FY08	02OCT07*	248*	29SEP08	29SEP08		251		0.00	36,664.00	ORNLRM =180hr 10% ORNL41 =2\$ ornlam=8																																				
82 - Project Engineering																																															
Job: 8202 - Engr Mgmt & Sys Eng Support-REIERSEN																																															
+ Prior Costs																																															
		01APR03A	885	29SEP06A	30SEP05A				1,655,338.70	1,655,338.70																																					
820.004	Proj engr FY06	03OCT05A	249*	29SEP06A	29SEP06A			LOE	440,965.54	440,965.54	wayne=1553 90% ; 35=5k ; dudek=690 40% such=431 25%																																				
820.04X	Proj engr FY07	01OCT06A	246*	25SEP07	25SEP07		503		36,308.70	407,962.88	wayne=1467 =85% ; 35=5k ; dudek=690=40% such=173 ;																																				

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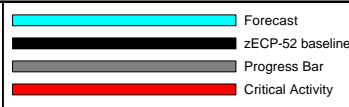
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Progress Through October 31st 2006

Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days=1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	Gantt Chart												
											FY07					FY08					FY09		
											O	N	D	J	F	M	A	M	J	J	A	S	O
8205FY07	Systems Engineering Support FY07	02OCT06A	246*	25SEP07	25SEP07		503		8,199.70	92,131.48	simmons=518												
820.004Z	Proj engr FY08	02OCT07*	246*	25SEP08	25SEP08		253		0.00	245,966.08	wayne=1036;35=5k;dudel such=173												
820.005	Proj engr FY09	01OCT08*	163*	29MAY09	29MAY09		87		0.00	62,798.72	wayne=293 17%;35=3												
8205FY06	Systems Engineering Support FY06	03OCT05A	249*	29SEP06A	29SEP06A			LOE	184,677.66	184,677.66	simmons=1061 60%												
Job: 8203 - Design Integration-BROWN																							
+ Prior Costs																							
		01APR03A	885	29SEP06A	30SEP05A				712,348.70	712,348.70													
8203-06	Complt rvw of machine assembly approach	01NOV06*	4	06NOV06	04OCT06		723		0.00	0.00													
8203-07	Rvw cryostat & conventional magnet sys design	01NOV06*	9	13NOV06	11OCT06		718		0.00	0.00													
8203-08	tolerance reqmnts for MCsuprt install fixt dwgs	01NOV06*	39	04JAN07	22NOV06		688		0.00	0.00													
8203-09	Machine suprt dsn f/compatibility with assy reqt	01NOV06*	12	16NOV06	16OCT06		715		0.00	0.00													
8203-10	Dynamic simul MC half period install fixt w/ Pro	01NOV06*	42	09JAN07	29NOV06		685		0.00	0.00													
8203-11	Document NCSX Interlink& dwg control process	01NOV06*	11	15NOV06	13OCT06		716		0.00	0.00													
8203-12	Update definition VV spool piece assy simul	01NOV06*	19	29NOV06	25OCT06		708		0.00	0.00													
8203FY06	Design Integration FY06	03OCT05A	249*	29SEP06A	29SEP06A			LOE	140,201.64	140,201.64	es/sm=432 25% brown=518 30%												
8203FY07	Design Integration FY07	01OCT06A	249*	28SEP07	28SEP07		500		16,157.54	183,608.44	rushinski=169 (25% May thru Sept) brown=863;												
Job: 8204 - Systems Analysis-BROOKS																							
+ Prior Costs																							
		01APR03A	885	29SEP06A	30SEP05A				644,052.25	644,052.25													
8204FY06	Systems Analysis FY06	03OCT05A	249*	29SEP06A	29SEP06A			LOE	225,407.70	225,407.70	brooks=1295 75%												
8204FY06.1	Systems Analysis FY06	01MAY06A	106*	29SEP06A	29SEP06A			LOE	75,019.86	75,019.86	fan=431												
8204FY06.2	Systems Analysis FY06	01MAY06A	107*	29SEP06A	29SEP06A			LOE	26,074.19	26,074.19	brooks add'l 25%=150hrs												
8204FY07	Systems Analysis FY07	01OCT06A	249*	28SEP07	28SEP07		500	LOE	21,611.84	245,589.09	brooks=1380 (80%)												
Job: 8205 - Dimensional Control Coordination																							
+ Prior Costs																							
		01OCT04A	500	29SEP06A	30SEP05A				49,458.84	49,458.84													
METFY06R	Metrology for FP & machine assy FY06	03OCT05A	249*	29SEP06A	29SEP06A			LOE	189,307.03	189,307.03	ratoplous (measurement) 25%=415hrs station=707 hrs 40%												
METFY07R	Metrology for FP & machine assy FY07	01OCT06A	249*	28SEP07	28SEP07		500		2,707.74	30,769.78	ratoplous (measurement) 10% =173hrs												
METFY08R	Metrology for FP & machine assy FY08	03OCT07*	247*	29SEP08	29SEP08		251		0.00	31,598.45	ratoplous (measurement)												
84 - Project Physics																							
+ Job: 8401 - Project Physcis-ZARNSTORFF																							
		01APR03A	757	30MAR06A	30MAR06A				324,606.20	324,606.20													
+ Job: 8402 - Project Physics MIE ORNL-LYON																							
		01APR03A	757	30MAR06A	30MAR06A				146,466.00	146,466.00													

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Progress Through October 31st 2006

Activity ID	Activity Description	Baseline Start	Forecast Duration (work days)	Baseline Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-52 Budget	FY07												FY08												FY09																																																															
											O				N				D				J				F				M				A				M				J				J				A				S				O				N				D				J				F				M				A				M				J				J			
85 - Integrated Systems Testing																																																																																																		
Job: 8501 - Integrated Systems Testing																																																																																																		
920.001	Procedure and Document Preparation	27MAY08*	150	06JAN09	06JAN09		101		0.00	378,034.78	em/em=1162;em/sm=1162																																																																																							
920.000	Startup Personnel	02DEC08	72	20MAR09	11MAR09		93		0.00	435,467.96	em/em=428, ee/em=503, ed/em=125 em/sm=855, ee/sm=0, em//tb=125 r//rm2=428;ee/tb=250																																																																																							
920.004	Begin Start-up Testing	02FEB09	0				93		0.00	0.00	***** BEGIN STARTUP TESTING DOE LEVEL 2 MILESTONE PEP DATE = JUNE 2009 *****																																																																																							
920.005	Punch list,CmplT PTP's,Reconfig, Rm temp Hi-pot	02DEC08	37	30JAN09	21JAN09		93		0.00	0.00																																																																																								
920.010	Field Coil Testsing,FCPC test & E-Beam Mapping	02FEB09	25	06MAR09	25FEB09		93		0.00	0.00																																																																																								
920.020	Final ISTP	09MAR09	7	17MAR09	06MAR09		93		0.00	0.00																																																																																								
920.021	Operations Approval	18MAR09	3	20MAR09	11MAR09		93		0.00	0.00																																																																																								
730.9000	First Plasma		0	20MAR09	11MAR09		93		0.00	0.00	***** COMPLETE CD-4 FIRST PLASMA DOE LEVEL 1 MILESTONE PEP DATE = JULY 2009 *****																																																																																							
M-0120	CD-4 First Plasma		0	31JUL09*	31JUL09*		0		0.00	0.00	*****																																																																																							
PPPL Allocations																																																																																																		
Job: 8998 - Allocations																																																																																																		
Prior Costs																																																																																																		
99.03	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A	30SEP03A		100		112,000.00	112,000.00																																																																																								
99.04	PPPL Allocations FY04	01OCT03A	256*	30SEP04A	30SEP04A		100		260,691.00	260,691.00																																																																																								
99.05	PPPL Allocations FY05	20OCT04A	251*	30SEP05A	30SEP05A		100		302,697.00	302,697.00																																																																																								
99.05P	PPPL Allocations FY05 rebaseline re-estimate	01OCT04A	251*	30SEP05A	30SEP05A		100		48,151.80	48,151.80																																																																																								
FY05CV-43	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A		100		56,000.00	56,000.00																																																																																								
FY06CV8998	FY06 unrecoverable cost variance ecp52	01OCT05A	251	29SEP06A	29SEP06A		100		95,000.00	95,000.00																																																																																								
99.06	PPPL Allocations FY06	03OCT05A	249*	29SEP06A	29SEP06A		LOE		329,764.50	329,764.50	54=187.9																																																																																							
99.07	PPPL Allocations FY07	01OCT06A	250*	01OCT07	01OCT07		499		29,285.29	332,787.44	54=187.9																																																																																							
99.08	PPPL Allocations FY08	01OCT07*	249*	29SEP08	29SEP08		251		0.00	166,336.61	54=92.77																																																																																							
+ Contingency																																																																																																		
		03OCT05A	847	27FEB09	27FEB09		151		1,398,000.00	6,626,833.55																																																																																								
+ DCMA																																																																																																		
		01OCT03A	256	30SEP04A	30SEP04A				75,000.00	75,000.00																																																																																								

Run Date 09NOV06 15:38

Forecast
 zECP-52 baseline
 Progress Bar
 Critical Activity

0610

NCSX
ECP-52 Status
 11/9/06

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Progress Through October 31st 2006