

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year					
											FY06	FY07	FY08	FY09	FY10	
cc 9450 - NCSX Fabrication (MIE)																
11 - In-Vessel Components																
+ Job: 1101 - Limiter Adv Conc/Prel Dsn>**CLOSED*																
		15JUL03A	78	30SEP03A	30SEP03A			60.00	100	60.00						
12 - Vacuum Vessel Systems																
+ Job: 1201 - Vacuum Vessel Prelim Dsn>**CLOSED**																
		01APR03A	133	07OCT03A	07OCT03A			424,420.00	100	424,420.00						
+ Job: 1202 - Vacuum Vessel R&D **CLOSED**																
		01APR03A	636	30SEP05A	30SEP05A			1,770,181.86	100	1,770,181.86						
+ Job: 1206 - VV Field Weld Joint R&D**CLOSED**																
		29APR04A	359	30SEP05A	30SEP05A			15,639.37	100	15,639.37						
Job: 1203 - Vacuum Vessel Final Dsn-GORANSON																
+ Closeout PDR Design Deliverables																
		01OCT03A	235	31AUG04A	31AUG04A			34,746.30	100	34,746.30						
+ PDR Recommendations																
		01NOV03A	42	31DEC03A	31DEC03A			25,738.00	100	25,738.00						
+ Vacuum Vessel Vendor Selection																
		01JUN04A	86	30SEP04A	30SEP04A			5,782.20	100	5,782.20						
+ FY05 Final Design Tasks																
		01OCT03A	507	30SEP05A	30SEP05A			744,133.94	100	744,133.94						
Final Design Tasks																
1203-802A	Analysis of SXR cans and spacer	03JAN06A	21*	31JAN06A				0.00	100	0.00						
1203-241	Check FMECA Analyses	01SEP05A	180*	22MAY06	01NOV05		840	8,112.55	80	9,867.10						
1203-271	Develop Assy Rqmmts spec & process	01MAY06*	14*	18MAY06	08DEC05		264	25,305.00	75	32,370.00						
1203-800	Issue VV FP Station 1 assy dwg	22SEP05A	170*	30MAY06	15DEC05		338	5,716.62	85	6,682.98						
1203-801	Issue VV FP final assy dwg	01NOV05A	142*	30MAY06	15DEC05		338	5,398.40	80	6,748.00						
1203-802	Issue spacer field machining dwgs	01JAN06A	105*	30MAY06	15DEC05		338	5,398.40	80	6,748.00						
1203-806	Establish interface reqmnts	01NOV05A	112*	17APR06A	15DEC05			6,748.00	100	6,748.00						
1203-820	BOM for all VV parts	03OCT05A	163*	30MAY06	15DEC05		835	4,301.85	85	5,061.00						
1203-803	Issue VV final assy dwg	01MAY06	21*	30MAY06	15DEC05		262	0.00		6,748.00						
1203-804	Issue VV assy specification	19MAY06	5*	25MAY06	15DEC05		264	0.00		6,748.00						
1203-901	**WBS 12 FINAL FDR **		0	31MAY06*	15DEC05		337	0.00		0.00						
VV Personnel Access Port																
1203-950	Personnel Access Port Drawings	01OCT05A	41*	30NOV05A	17NOV05			0.00	100	0.00						
1203-951	Personnel Access Port Analysis	01NOV05A	20*	30NOV05A	17NOV05			0.00	100	0.00						
12003-952	Personnel Access Port FDR		0	30NOV05A	17NOV05			1,349.60	100	0.00						
124-100	Issue req & dwg package NB port cover	02AUG06*					319	0.00		0.00						
124-110	SPEA VV NB port cover	02AUG06	43	02OCT06	29SEP06		319	0.00		0.00						
124-120	Award VV NB port cover		0	02OCT06	29SEP06		319	0.00		0.00						
VV Heating/Cooling Tubing																
1203-805	Redo CC heating/cooling tube dwgs& analysis	01OCT05A	79*	31JAN06A	15DEC05			20,244.00	100	19,422.00						
1203-805A	Mockup and test cooling tube design	03JAN06A	21*	31JAN06A				0.00		0.00						
1203-805F	Heating/cooling tube & clamp FDR		0	31MAR06A	15DEC05			0.00		0.00						
1203-805G	Heating/cooling tube routing FDR		0	31MAR06A				0.00		0.00						
123-030.0	Issue Proc Pkg for VV H/C Tubing WBS 123	01MAY06*	0				340	0.00		0.00						
VV Heater Tape																
122-012	Heater Tape System Design	02MAY05A	250*	28APR06A	15NOV05			64,948.83	100	61,991.37						
122-013	Heater Tape System mockup & test	19DEC05A	69*	21MAR06A				0.00	100	0.00						

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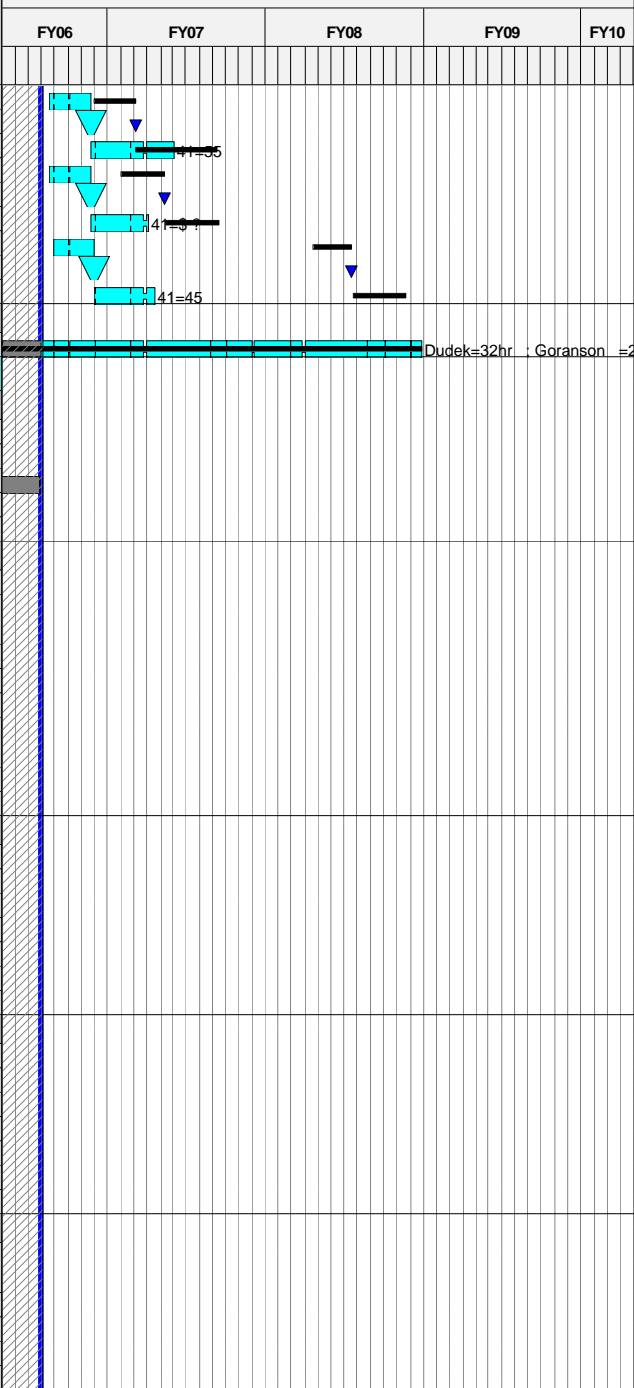
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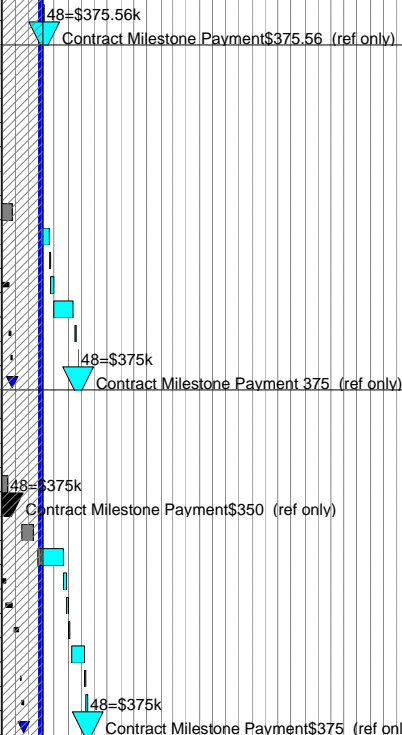
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year						
											FY06	FY07	FY08	FY09	FY10		
122-013A	Heater Tape System FDR		0	18MAY06*			264	0.00		0.00							
122-012A	Issue Proc Pkg for VV Heater Tape		0	18MAY06*			264	0.00		0.00							
VV Local I&C																	
125-011	Final design WBS 125 local I&C	01MAR05A	307*	21APR06A	22FEB06			17,118.41	100	14,424.23							
125-011P	PDR (define reqmnts & sys architecture)		0	21APR06A	18JAN06*			0.00		0.00							
125-011F	FDR (Define HW & SW reqmnts)		0	21APR06A	22FEB06*			0.00		0.00							
125-036	Issue Procurement Package Local I&C WBS 125	01JUN06*	0				337	0.00		0.00							
Thermal Insulation																	
122-011	Final design WBS 122 Thermal insulation	01JUN04A	492*	17MAY06	31JAN06		211	67,861.45	80	82,230.51							
122-011F	FDR Thermal Insulation		0	18MAY06*	31JAN06		210	0.00		0.00							
122-050	Prep spec and req Blanket Thermal Insulation	19MAY06*	0				210	0.00		0.00							
123-035	Issue Proc Pkg for insulation boots WBS 122	19MAY06*	0				313	0.00		0.00							
122-040	Prep spec and req Port Thermal Insulation	19MAY06*	0				354	0.00		0.00							
122-030.0	Prep spec and req Pourable Insulation	01JUN06*	0				526	0.00		0.00							
SXR Diagnostic VV Design																	
1203-810	resolve design pockets for soft x ray arrays	01JAN06A	0*	31JAN06A	16FEB06			9,447.20	100	6,748.00							
1203-810P	soft x ray array PDR		0	28FEB06A	19JAN06*			0.00	100	0.00							
1203-810F	soft x ray array FDR		0	28FEB06A	16FEB06*			0.00	100	0.00							
1203-810G	Issue requisition and dwg package (hold)	01MAY06*	5	05MAY06			851	0.00		0.00							
Job:1204-VV Sys Procurements (non VVSA)-DUDEK																	
VV Vertical Supports																	
124-030.0	Release dwg package for fab VV Vertical Supports	30SEP05A	0					0.00		0.00							
124-037A	Bid award Titanium Rod ends (PE6383)	01DEC05A	45	22DEC05A				0.00		0.00							
124-037B	Deliver Titanium Rod ends (PE6383)	22DEC05A	86*	28APR06A				0.00		0.00							
124-037C	Deliver Misc hardware (PE 006209)	31MAR06A	60	31MAR06A				0.00		0.00							
124-037	PPPL Fab VV Vert. Supports (log # M1091)	01DEC05A	38	30MAY06	25SEP06		441	31,272.96	50	65,152.00							
VV Lateral Supports																	
124-030L	SPEA VV Lateral Supports WBS 124	03JUL06*	43	31AUG06	31AUG06		315	0.00		0.00							
124-036.9L	Award VV Lateral Supports WBS 124		0	02OCT06*	02OCT06*		294	0.00		0.00							
124-037L	VV Lateral Supports Fab by PPPL WBS 124	03OCT06	60	04JAN07	04JAN07		294	0.00		33,288.00							
VV Personnel Access Port																	
124-130	VV NB port cover Fabrication	03OCT06	65	11JAN07	10JAN07		319	0.00		73,924.32							
VV Heating/Cooling Tubing																	
123-030	Issue RFQ & Select Vendor VV H/C Tubing WBS 123	01MAY06	20	26MAY06	20JAN06		340	0.00		0.00							
123-036.9	Award H/C Tubing WBS 123		0	26MAY06	20JAN06		340	0.00		0.00							
123-037	Fabricate and Deliver H/C Tubing WBS 123	30MAY06	20	26JUN06	17FEB06		340	0.00		61,695.00							
VV Heater Tape																	
122-012B	Issue RFQ & Select Vendor for Heater Tape	19MAY06	20	16JUN06	20JAN06		264	0.00		0.00							
122-012C	Award Heater Tape		0	16JUN06	20JAN06		264	0.00		0.00							
122-012D	Fabricate and Deliver Heater Tape	19JUN06	20	17JUL06	21APR06		264	0.00		0.00							
VV H/C Manifolds & Headers																	
123-130.0	Issue Proc Pkg for VV H/C Manifolds WBS 123	03JAN06A	0					0.00		0.00							
123-130	Issue RFQ & Select Vendor VV H/C Manifold WBS 123	04JAN06A	40	11JAN06A	17FEB06			0.00		0.00							
123-136.9	Award H/C Manifolds WBS 123 (PE006419)		0	11JAN06A	17FEB06			0.00		0.00							
123-137	Fabricate and Deliver H/C Manifolds WBS 123	03APR06A	27*	09MAY06	19MAY06		373	0.00	50	34,275.00							
VV Local I&C																	
125-037	Procurement Local I&C WBS 125	01JUN06	60	24AUG06	17MAY06		337	0.00		3,290.40							
Thermal Insulation																	
122-055	SPEA Blanket Thermal Insulation	19MAY06	65	21AUG06	31AUG06		210	0.00		0.00							
122-060	Award Blanket Thermal Insulation		0	21AUG06	01SEP06*		210	0.00		0.00							
122-065	Deliver Blanket Thermal Insulation	22AUG06	89	04JAN07	16JAN07		210	0.00		0.00							

Run Date	17MAY06 12:44	0604	NCSX	Sheet 2 of 42	ECP-43 Baseline.
© Primavera Systems, Inc.	Forecast zECP-43 baseline Progress Bar Critical Activity	Progress Status and Earned Value Through APRIL 30,2006		Does not reflect all revisions presented at the May Lehman review.	

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											FY06	FY07	FY08	FY09	FY10		
123-040	Issue RFQ & Select Vendor insul boots WBS 122	19MAY06	65	21AUG06	04DEC06		313	0.00		0.00							
123-045	Award Insulation Boots WBS 122		0	21AUG06	04DEC06*		313	0.00		0.00							
123-050	Fabricate& Deliver Insul Boots WBS 122	22AUG06	130	02MAR07	13JUN07		313	0.00		75,405.00							
122-035	SPEA Port Thermal Insulation	19MAY06	65	21AUG06	09FEB07		354	0.00		0.00							
122-041	Award Port Thermal Insulation		0	21AUG06	09FEB07*		354	0.00		0.00							
122-051	Deliver Port Thermal Insulation	22AUG06	89	04JAN07	15JUN07		354	0.00		0.00							
122-030	SPEA Pourable Insulation	01JUN06	65	31AUG06	18APR08		526	0.00		0.00							
122-036.9	Award Pourable Insulation		0	31AUG06	18APR08		526	0.00		0.00							
122-037	Deliver Pourable Insulation	01SEP06	89	16JAN07	21AUG08		526	0.00		63,225.00							
122-031	Title III engr WBS 12 non vwsa	01FEB06A	667	26SEP08	26SEP08		252	2,393.26		25,461.76							
Job: 1250 - Vacuum Vessel Fabrication-VIOLA																	
Start Up/Engineering																	
VVSA-001	Process Order	24SEP04A	256	29JUL05A	29JUL05A			0.00	100	0.00							
VVSA-011	Sect 5.1 Segmentation Scheme	04NOV04A	5	19NOV04A	19NOV04A			96,075.00	100	96,075.00							
VVSA-021	Sect 5.1.2 Fiducials	29NOV04A	367	04NOV05	04NOV05			0.00	98	0.00							
VVSA-031	Sect 5.1.3 Proc Outline & Asc Procedures	24SEP04A	152	31MAY05A	31MAY05A			121,675.78	100	121,675.78							
VVSA-035	Trinos Flanges	03OCT05A	20	31OCT05A	28OCT05			39,000.00	100	39,000.00							
Dies & Gages																	
VVSA-041	Engineering	20SEP04A	91	31JAN05A	31JAN05A			0.00	100	0.00							
VVSA-051	Procure Die Materials (4 sets)	10JAN05A	59	13MAR05A	13MAR05A			315,000.00	100	315,000.00							
121-100	S005243 #1-Die Material Procured		0	31MAR05A	31MAR05A			0.00	100	0.00							
VVSA-061	Machine Complete	01FEB05A	64	29APR05A	29APR05A			0.00	100	0.00							
VVSA-071	Deburr	01FEB05A	64	31MAY05A	31MAY05A			0.00	100	0.00							
VVSA-081	Inspection	01FEB05A	65	31MAY05A	31MAY05A			340,640.00	100	340,640.00							
VVSA-091	Development Panels (9 panels)	31MAR05A	25	10JUN05A	10JUN05A			0.00	100	0.00							
121-115	S005243 #4-Dies Manufactured		0	10JUN05A	10JUN05A			0.00	100	0.00							
Fixture (2) 60 degree																	
VVSA-101	Engineering	25OCT04A	109	31MAR05A	31MAR05A			0.00	100	0.00							
VVSA-111	Procure Materials	07MAR05A	0	30MAR05A	30MAR05A			0.00	100	0.00							
VVSA-121	Fab & Machine	14MAR05A	36	10JUN05A	10JUN05A			0.00	100	0.00							
VVSA-131	Assemble	28MAR05A	26	17JUN05A	17JUN05A			0.00	100	0.00							
VVSA-141	Deburr	06MAY05A	6	20JUN05A	20JUN05A			0.00	100	0.00							
VVSA-151	Inspection First	13MAY05A	9	23JUN05A	23JUN05A			0.00	100	0.00							
VVSA-152	Inspection Second		0	23JUN05A	23JUN05A			0.00	100	0.00							
Fixture (3) 120 degree																	
VVSA-161	Engineering	15APR05A	5	08JUN05A	08JUN05A			0.00	100	0.00							
VVSA-171	Procure Materials	08JUN05A	5	13JUN05A	13JUN05A			220,000.00	100	220,000.00							
121-110	S005243 #3-Fixture material procured		0	13JUN05A	13JUN05A			0.00	100	0.00							
VVSA-181	Fab & Machine	13JUN05A	82	29JUL05A	29JUL05A			0.00	100	0.00							
VVSA-191	Assemble	22JUN05A	78	29JUL05A	29JUL05A			0.00	100	0.00							
VVSA-201	Deburr	04JUL05A	75	29JUL05A	29JUL05A			0.00	100	0.00							
VVSA-211	Inspection -	30JUN05A	48	29JUL05A	29JUL05A			0.00	100	0.00							
Panels & Ports																	
VVSA-221	Procure Vessel Material	29OCT04A	127	31MAY05A	31MAY05A			471,490.00	100	471,490.00							
121-105	S005243 #2-Vessel material procured		0	31MAY05A	31MAY05A			0.00	100	0.00							
VVSA-231	Production Panels Period #1 LOT 4	22APR05A	94	12AUG05A	12AUG05A			260,000.00	100	260,000.00							
121-120	S005243 #5-1/3 of Vessel plates formed		0	23AUG05A	23AUG05A			0.00	100	0.00							
VVSA-241	Production Panels Period #2 LOT 5	28JUN05A	69	12SEP05A	12SEP05A			240,000.00	100	240,000.00							

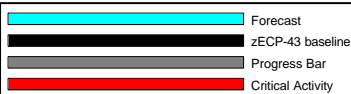


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121-125	S005243 #6-Second 1/3 of vsl plates formed		0	12SEP05A	12SEP05A			0.00	100	0.00							
VVSA-251	Production Panels Period #3 LOT 6	28JUN05A	69*	16SEP05A	16SEP05A			240,000.00	100	240,000.00							
121-130	S005243 #7-Last 1/3 of vsl plates formed		0	16SEP05A	16SEP05A			0.00	100	0.00							
VVSA-261	Port Ext, Misc HW Period #1 LOT 7	04APR05A	195*	09DEC05A	17OCT05			0.00	100	0.00							
VVSA-271	Port Ext, Misc HW Period #2 LOT 8	04APR05A	237*	12DEC05A	18NOV05			0.00	100	0.00							
VVSA-281	Port Ext, Misc HW Period #3 LOT 9	04APR05A	237*	23JAN06A	04JAN06			0.00	100	0.00							
VVSA-291	Spacer & port Ext Fixture LOT 13	06JUN05A	192*	27JAN06A	21OCT05			0.00	100	0.00							
First 120 deg segment																	
VVSA-301	1st 60 deg segment	10JUN05A	59*	12AUG05A	12AUG05A			175,000.00	100	175,000.00							
VVSA-311	2nd 60 deg segment	23JUN05A	50*	15AUG05A	15AUG05A			175,000.00	100	175,000.00							
VVSA-321	Join two pieces	15AUG05A	35	08SEP05A	08SEP05A			50,000.00	100	50,000.00							
121-135	S005243 #8-One VVSA fabricated		0	08SEP05A	08SEP05A			0.00	100	0.00							
VVSA-331	Machine for Ports	08SEP05A	0*	23SEP05A	23SEP05A			95,000.00	100	95,000.00							
VVSA-341	Weld Ports	03OCT05A	87*	17JAN06A	14NOV05			75,000.00	100	75,000.00							
VVSA-361	Vacuum Test	17JAN06A	31*	17FEB06A	23NOV05			60,000.00	100	60,000.00							
VVSA-371	Cut Off Ports	17FEB06A	11	06MAR06A	05DEC05			50,000.00	100	50,000.00							
VVSA-351	Final Machine	07MAR06A	0*	24MAR06A	13DEC05			50,000.00	100	50,000.00							
VVSA-352	Tack on ports,weld on tube&block	27MAR06A	25*	28APR06A				0.00	100	0.00							
VVSA-381	Inspect & Pack for Shipping LI#4	28APR06A	4	04MAY06	20DEC05		286	21,850.00	95	23,000.00							
VVSA-391	Receive at PPPL	05MAY06	3*	09MAY06	23DEC05		286	0.00		22,560.00							
121-150	S005243 #11-Receipt/Acceptance of 1st VVSA		0	09MAY06*	23DEC05*		286	0.00		0.00							
Second 120 deg segment																	
VVSA-401	60 deg segment	12AUG05A	36*	09SEP05A	09SEP05A			175,000.00	100	175,000.00							
VVSA-411	60 deg segment	26AUG05A	47*	07OCT05A	07OCT05			175,000.00	100	175,000.00							
VVSA-421	Join two pieces	07OCT05A	51*	16NOV05A	28OCT05			55,000.00	100	55,000.00							
121-140	S005243 #9-Second VVSA fabricated		0	16NOV05A	28OCT05			0.00	100	0.00							
VVSA-431	Machine for Ports	04JAN06A	0*	19JAN06A	18NOV05			95,000.00	100	95,000.00							
VVSA-441	Weld Ports	20JAN06A	51*	23FEB06A	23DEC05			75,000.00	100	75,000.00							
VVSA-461	Vacuum Test	01MAY06*	13*	17MAY06	16JAN06		331	0.00		60,000.00							
VVSA-471	Cut Off Ports	18MAY06*	4	23MAY06	30JAN06		331	0.00		50,000.00							
VVSA-451	Final Machine	24MAY06*	4	29MAY06	13FEB06		331	0.00		50,000.00							
VVSA-452	Tack on ports,weld on tube&block	30MAY06	34	14JUL06			331	0.00		0.00							
VVSA-481	Inspect & pack for Shipping LI#4	17JUL06	5	21JUL06	17FEB06		331	0.00		23,000.00							
VVSA-491	Receive at PPPL	24JUL06	2	25JUL06	24FEB06*		331	0.00		22,000.00							
121-155	S005243 #12-Receipt /Acceptance of 2nd VVSA		0	25JUL06*	24FEB06*		331	0.00		0.00							
Third 120 deg segment																	
VVSA-501	60 deg segment	30SEP05A	88*	23JAN06A	28OCT05			165,000.00	100	165,000.00							
VVSA-511	60 deg segment	01DEC05A	44*	31JAN06A	04NOV05			165,000.00	100	165,000.00							
VVSA-521	Join two pieces	23JAN06A	27	10FEB06A	18NOV05			45,000.00	100	45,000.00							
121-145	S005243 #10-Third VVSA fabricated		0	10FEB06A	18NOV05			0.00	100	0.00							
VVSA-531	Machine for Ports	16MAR06A	32*	12APR06A	07DEC05			95,000.00	100	95,000.00							
VVSA-541	Weld Ports	24APR06A	41*	19JUN06	27JAN06		357	9,150.00	12	75,000.00							
VVSA-561	Vacuum Test	20JUN06	7	28JUN06	08FEB06		357	0.00		60,000.00							
VVSA-571	Cut Off Ports	29JUN06	3	03JUL06	24FEB06		357	0.00		50,000.00							
VVSA-551	Final Machine	04JUL06	4	07JUL06	10MAR06		357	0.00		50,000.00							
VVSA-552	Tack on ports,weld on tube&block	10JUL06	21	07AUG06			357	0.00		0.00							
VVSA-581	5Inspect & Pack for Shipping LI#4	08AUG06	4	11AUG06	14MAR06		357	0.00		23,000.00							
VVSA-591	Receive at PPPL	14AUG06	2	15AUG06	21MAR06*		357	0.00		22,000.00							
121-160	S005243 #13-Receipt/Acceptance of 3rd VVSA		0	15AUG06	21MAR06*		357	0.00		0.00							



Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year					
											FY06	FY07	FY08	FY09	FY10	
121-038.1	All Vacuum Vessel Sections (3) Delivered		0	15AUG06	21MAR06		357	0.00		0.00						
Ship Tooling																
VVSA-601	Pack Tooling for PPPL	14AUG06	5	18AUG06	21MAR06		800	0.00		0.00						
VVSA-611	PPPL Receive Tooling	21AUG06	4	24AUG06	27MAR06		800	0.00		486,000.00						
121-165	S005243 #14-Delively of tooling,dies,fixtures		0	24AUG06*	27MAR06*		800	0.00		0.00						
121-031	VVSA Title III engr	21MAY04A	631	28FEB05A	28FEB05A			27,753.79	LOE	27,753.79						
121-034	VVSA Title III engr	01MAR05A	152*	30SEP05A	30SEP05A			20,460.00	LOE	20,460.00						
121-034.1	VVSA Title III engr	01OCT05A	249*	29SEP06	22NOV06		749	52,717.02	LOE	92,715.05						
121-032	VVSA Contract oversight FY04	21MAY04A	386*	30SEP04A	30SEP04A			20,052.50	LOE	20,052.50						
121-033	VVSA Contract oversight FY05	01OCT04A	290*	28FEB05A	28FEB05A			75,267.38	LOE	75,267.38						
121-035	VVSA Contract oversight FY05 & FY06	01MAR05A	365*	31JAN06A	31JAN06			255,723.95	LOE	255,723.95						
121-035.1	ORNL fesign support during MTM Contract	01MAR05A	152*	30SEP05A	30SEP05A			17,360.00	LOE	17,360.00						
121-035.2	ORNL design support during MTM Contract	01OCT05A	213*	31JAN06A	31JAN06			22,118.90	LOE	22,118.90						
121-036	Ship vac equipmt from PPPL to MTM for vac testing	03OCT05A	15	31OCT05A	14NOV05			2,742.00	100	2,742.00						
121-037	Purchase seals and ship to MTM	25APR05A	70*	29JUL05A	29JUL05A			42,447.20	100	42,447.20						
121-038	assist MTM testing of VVSA	17JAN06A	116*	28JUN06	08FEB06		348	0.00		0.00						
121-039	Design Seal Template	01MAR05A	20	31MAR05A	31MAR05A			2,480.00	100	2,480.00						
121-141	Fabricate Seal Template and ship to MTM	01MAR05A	65	31MAR05A	31MAR05A			4,240.11	100	4,240.11						
FY05CV-4	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			-49,000.00	100	-49,000.00						
13 - Conventional Coils																
Job: 1301 - TF Design-KALISH																
+ Preliminary Design																
		01OCT03A	355	28FEB05A	28FEB05A			471,974.00	100	471,974.00						
+ Final Design																
		01FEB05A	172	30SEP05A	30SEP05A			164,053.52	100	164,053.52						
+ Prior Costs																
		01APR03A	636	30SEP05A	30SEP05A			283,695.13	100	283,695.13						
+ Subcontract Procurement Plan																
		01MAR05A	295	01MAY06	01NOV05		855	25,767.14		26,618.23						
Job: 1350 TF Coil Fab Preparation-CHRZANOWSKI																
FY05CV-7	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			135,000.00		135,000.00						
1350-100	Design tooling & winding facility	01MAR05A	152*	31AUG05A	31AUG05A			96,961.10	100	96,961.10						
1350-500	Recondition turnngk fixture	21MAR05A	88*	30JUN05A	30JUN05A			33,232.20	100	33,232.20						
1350-600	Build Cleanroom	28MAR05A	174*	30NOV05A	14OCT05			45,265.84	100	44,291.53						
1350-605	Install winding table	01JUN05A	50*	30JUN05A	30JUN05A			24,655.80	100	24,655.80						
1350-610	Setup copper delivery system	03OCT05A	15	31OCT05A	21NOV05			11,240.32	100	11,240.32						
1350-615	Install taping machine	01OCT05A	15	31OCT05A	21NOV05			11,240.32	100	11,240.32						
1350-100.1	Design tooling & winding facility*CANCELLED*	03OCT05A	88*	31MAR06A	31OCT05			46,614.85	100	49,050.02						
1350-505	Winding Clamps	02MAY05A	174*	23DEC05A	01NOV05			21,766.78	100	21,251.86						

Run Date 17MAY06 12:44



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Progress Status and Earned Value Through APRIL 30,2006

ECP-43 Baseline.
Does not reflect all revisions presented at the May Lehman review.

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year					
											FY06	FY07	FY08	FY09	FY10	
1350-510	Taping Machine Conditioning*CANCELLED*	01DEC05A	6	31MAR06A	22DEC05			24,976.48	100	31,220.60	EM//TB =160hr ; EM//SM =80hr ; EE//TB =80hr ; 41=01\$K ;					
1350-515	Winding mandrel*CANCELLED*	01JUL05A	131	31MAR06A	23DEC05			10,128.37	100	30,930.60	EM//TB =160hr ; EM//SM =120hr ; 41=05\$K ;					
1350-520	Misc tools & equip*CANCELLED*	08SEP05A	103	31MAR06A	15DEC05			32,417.45	100	45,605.41	41=03\$K ; machinist=144; em/tb=300					
1351-089	Fab Lift Fixture	03OCT05A	163	30MAY06	23DEC05		835	8,795.52	75	11,727.36	em/tb=144					
1350-620	Complete setup of facility *CANCELLED*		0	31MAR06A	23DEC05*			0.00		0.00						
1350-525	TF mold (2) *CANCELLED*	31MAR06A	44	31MAR06A	11JAN06			0.00		123,390.00	41=\$90 (for 2) 41=10\$K ;					
1351-080	Design Assy Fixture*CANCELLED*	31MAR06A	20	31MAR06A	30JAN06			0.00		32,432.40	designer=120+ 160					
1351-086	Fab/Assemble Fixture*CANCELLED*	31MAR06A	19	31MAR06A	24FEB06			0.00		43,708.00	em//tb=200; M&S=20k					
1351-088	Setup Wedge Casting Fixture & test*CANCELLED*	31MAR06A	5	31MAR06A	03MAR06			0.00		19,545.60	em//tb=240					

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			0.00	100	0.00						
1301FD-74	Prepare & issue TF Conductor RFP	31MAY05A	23	03JUN05A	03JUN05A			0.00	100	0.00						
1301FD-76	Evaluate bids and award TF conductor	06JUN05A	0	30JUN05A	30JUN05A			0.00	100	0.00						
1301FD-77	Award TF conductor		0	30JUN05A	30JUN05A			0.00	100	0.00						
1301FD-78	TF Wedge Plate procurement package approved	29JUL05A	5	29JUL05A	29JUL05A			0.00	100	0.00						
1301FD-80	Prepare and Issue TF Wedge Plate RFP	12AUG05A	5	18AUG05A	18AUG05A			0.00	100	0.00						
1351-529	Coil Supplies- Deliver Copper Conductor(PE005935	01JUL05A	123	23DEC05A	14OCT05			133,864.50	100	133,864.50						
1351-531	Coil Supplies- G-11 fillers (PE006162)	03JAN06A	29	31JAN06A	13MAR06			89,115.00	100	89,115.00	m&s=\$35					
1351-525	Coil Supplies- Insulation (PE6299)	03JAN06A	106	31MAY06	11JAN06		834	102,002.40	93	109,680.00	m&s=\$80k					
1351-533	Coil Supplies- Lead Blocks(pe6134 for copper)	03SEP05A	206	30JUN06	13MAR06		812	32,025.00	M&S	53,322.27	kalish=40;em//tb=246;m&s=\$20k					
1301FD-82	Update spec, rebid and award Wedge Plate Fabr*CA	31MAR06A	41	31MAR06A	06FEB06			0.00		0.00						
1351-85C	Award TF Castings*CANCELLED*		0	31MAR06A	06FEB06			0.00		0.00						
1351-85D	Vendor Fab TF Castings*CANCELLED*	31MAR06A	100	31MAR06A	27JUN06			0.00		271,458.00	m&s=\$198k					
1351-527	Coil Supplies- Epoxy*CANCELLED*	01MAY06	856	30SEP09	07NOV07		0	0.00		82,407.22						m&s=\$
1351-535	Coil Supplies- Safety & PPE equip & supplies*CA	31MAR06A	88	31MAR06A	13FEB06			0.00		10,968.00	m&s=\$8k					
1351-537	Coil Supplies- Misc supplies*CANCELLED*	31MAR06A	88	31MAR06A	13FEB06			0.00		10,968.00	m&s=\$8k					
1351-541	VPI Supplies- Misc VPI supplies*CANCELLED*	31MAR06A	88	31MAR06A	15MAY06			0.00		10,968.00	m&s=\$8k					
1351-543	VPI Supplies- Disposable VPI HW*CANCELLED*	31MAR06A	107	31MAR06A	15MAY06			0.00		83,167.08	em//tb=432; m&s=\$35k					

Job: 1361 - TF Fabrication-KALISH

TF Title III and Fabrication Oversight

131-031	Title III engr (FDR through 1st coil test 75%)	10OCT05A	182	03JUL06	14JUL06		525	50,809.50	LOE	67,476.10	Kalish=387					
131-032	Title III engr (completion of coils 10%)	05JUL06	286	23AUG07	16NOV07		525	0.00		33,566.50	Kalish=188 10%					
131-033	Winding operations field oversight	01MAY06*	356	28SEP07	19NOV07		500	0.00		26,015.14	Time/Man=5%=200					

TF Fabrication Contract

1351-195X	ALL TF COILS DELIVERED		0	26SEP07	16NOV07		502	0.00		0.00						
1361C-001	Contract Awarded	15MAY06*	0				368	0.00		0.00						
1361C-005	Tooling & Development	15MAY06	100	29SEP06			774	0.00		0.00						
1361C-010	Materials	15MAY06	111	16OCT06			368	0.00		0.00						
1361C-101	Fab, Test & Deliver Coil #1	17OCT06*	34	01DEC06			368	0.00		0.00						
1361C-102	Fab, Test & Deliver Coil #2	04DEC06*	34	19JAN07			334	0.00		0.00						
1361C-103	Fab, Test & Deliver Coil #3	22JAN07*	20	16FEB07			314	0.00		0.00						
1361C-104	Fab, Test & Deliver Coil #4	19FEB07*	15	09MAR07			314	0.00		0.00						

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

Run Date 17MAY06 12:44

Forecast
 zECP-43 baseline
 Progress Bar
 Critical Activity

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Progress Status and Earned Value Through APRIL 30,2006

ECP-43 Baseline.
 Does not reflect all revisions presented at the May Lehman review.

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year				
											FY06	FY07	FY08	FY09	FY10
1361C-105	Fab, Test & Deliver Coil #5	12MAR07*	10	23MAR07			304	0.00		0.00					
1361C-106	Fab, Test & Deliver Coil #6	26MAR07*	10	06APR07			294	0.00		0.00					
1361C-107	Fab, Test & Deliver Coil #7	09APR07*	10	20APR07			334	0.00		0.00					
1361C-108	Fab, Test & Deliver Coil #8	23APR07*	10	04MAY07			324	0.00		0.00					
1361C-109	Fab, Test & Deliver Coil #9	07MAY07*	10	18MAY07			314	0.00		0.00					
1361C-110	Fab, Test & Deliver Coil #10	21MAY07*	10	04JUN07			314	0.00		0.00					
1361C-111	Fab, Test & Deliver Coil #11	05JUN07*	10	18JUN07			304	0.00		0.00					
1361C-112	Fab, Test & Deliver Coil #12	19JUN07*	10	02JUL07			294	0.00		0.00					
1361C-113	Fab, Test & Deliver Coil #13	03JUL07*	10	17JUL07			304	0.00		0.00					
1361C-114	Fab, Test & Deliver Coil #14	18JUL07*	10	31JUL07			294	0.00		0.00					
1361C-115	Fab, Test & Deliver Coil #15	01AUG07*	10	14AUG07			284	0.00		0.00					
1361C-116	Fab, Test & Deliver Coil #16	15AUG07*	10	28AUG07			284	0.00		0.00					
1361C-117	Fab, Test & Deliver Coil #17	29AUG07*	10	12SEP07			274	0.00		0.00					
1361C-118	Fab, Test & Deliver Coil #18	13SEP07*	10	26SEP07			264	0.00		0.00					

Job: 1302 - PF Design -KALISH

TF I&C

133-010	Design WBS 134 Conv Coil I&C**ON HOLD UNTIL FY06	01MAR05A	316'	31OCT06	03JAN06		443	1,360.82	10	13,418.02
133-011	Design WBS 134 Conv Coil I&C FDR		0	31OCT06*	03JAN06*		727	0.00		0.00
FY05CV-6	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			-22,000.00		-22,000.00

1302-PF	Start PF Preliminary Design**ON HOLD UNTIL FY06*	01MAR05A	145	30SEP05A	22DEC06			7,601.50	100	79,032.67
133-012	Specification for PF coils	02OCT06*	0	29SEP06	02DEC05		312	0.00		0.00
1302-PFX	Complete PF Preliminary Design	03MAR06A	64'	31OCT06			312	13,524.47	21	0.00
141-012	PF PDR		0	31OCT06	22DEC06		312	0.00		0.00
1302-CSS	PF Final Design	01NOV06	45	12JAN07	16APR07		312	0.00		157,228.24
1301-137	PF FDR		0	12JAN07	16APR07		312	0.00		0.00

Job: 1352 - PF Coil Procurement-KALISH

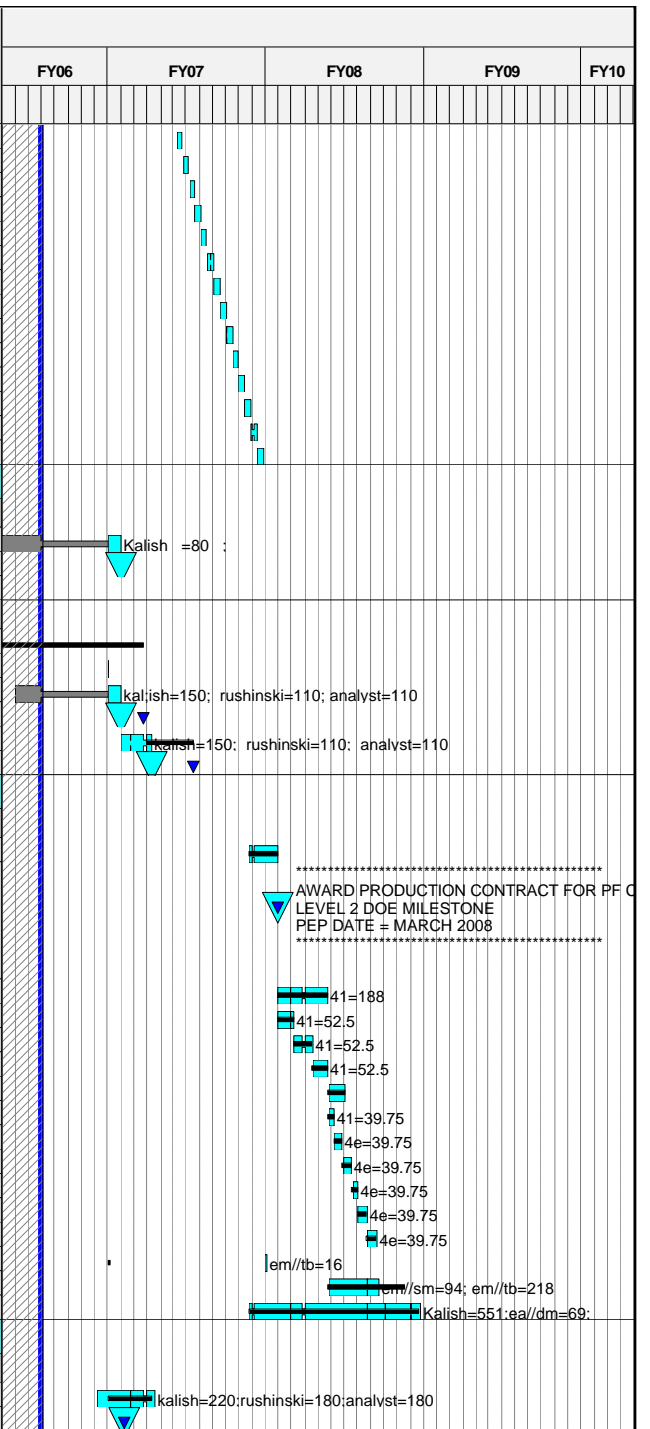
PF Coil Fabrication

141-035	Bid & Award PF Coils	27AUG07*	45	29OCT07	29OCT07		154	0.00		0.00
141-036	PF Coils Awarded		0	29OCT07	29OCT07		154	0.00		0.00
1352-100	Material & leads	30OCT07	75	22FEB08	21FEB08		154	0.00		264,140.00
1352-110	Tooling for PF 4	30OCT07*	25	05DEC07	05DEC07		189	0.00		73,762.50
1352-115	Tooling for PF 5	06DEC07	25	18JAN08	17JAN08		189	0.00		73,762.50
1352-120	Tooling for PF 6	21JAN08	25	22FEB08	21FEB08		226	0.00		73,762.50
1352-105	Tooling for PF 1,2 and 3 NOT REQ'D USE PF1a	25FEB08	30	04APR08	03APR08		374	0.00		0.00
1352-140	Fabricate/Dlvr PF 4 lower	25FEB08	10	07MAR08	06MAR08		154	0.00		55,848.75
1352-145	Fabricate/Dlvr PF 5 lower	10MAR08	15	28MAR08	27MAR08		154	0.00		41,817.00
1352-150	Fabricate/Dlvr PF 6 lower	31MAR08	15	18APR08	17APR08		154	0.00		41,817.00
1352-155	Fabricate/Dlvr PF 4 upper	21APR08	10	02MAY08	01MAY08		176	0.00		41,817.00
1352-160	Fabricate/Dlvr PF 5 upper	05MAY08	15	23MAY08	22MAY08		176	0.00		41,817.00
1352-165	Fabricate/Dlvr PF 6 upper	17MAY08	15	16JUN08	13JUN08		176	0.00		41,817.00
1352-135X	Refurbish NSTX PF1a	01OCT07*	5	05OCT07	06OCT06		338	0.00		1,331.52
722.010	PF Coil receipt inspect/test (formerly wbs 183)	25FEB08*	83	19JUN08	18AUG08		321	0.00		31,275.16
141-031	Title III engr WBS 132	27AUG07*	268	22SEP08	19SEP08		256	0.00		112,977.05

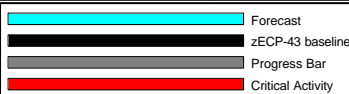
Job: 1354 - Trim Coil Design & Procurement-KALISH

Trim Coils

1303-TRIM	Trim Coil Design	07SEP06*	88	18JAN07	10JAN07		225	0.00		42,330.68
1303-136	Trim Coil PDR		0	07NOV06	10NOV06		234	0.00		0.00



Run Date 17MAY06 12:44



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ECP-43 Baseline. Does not reflect all revisions presented at the May Lehman review.

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year									
											FY06	FY07	FY08	FY09	FY10					
1303-137	Trim Coil FDR		0	18JAN07	10JAN07		225	0.00		0.00										
184-035	Bid & Award Ext Trim Coils	19JAN07	45	22MAR07	14MAR07		225	0.00		0.00										
184-036	Award External Trim Coils		0	22MAR07	14MAR07*		225	0.00		0.00										
184-037	External Trim Coil Procurement/Fab*ecp16	23MAR07	87	25JUL07	17JUL07		225	0.00		34,275.00										
184-015	Title III WBS 133 Rxt Trim Coils	19JAN07	147	15AUG07	07AUG07		531	0.00		26,834.06										
Job: 1303 -Centrol Solenoid Support Dsn-DAHLGREN																				
1303-100	CS Support Preliminary Design	03JAN06A	84*	28APR06A				85,985.64	100	0.00										
1303-105	CS Sprt PDR		0	22MAY06*			314	0.00		0.00										
1303-110	CS Support Final Design	23MAY06	75	07SEP06			314	0.00		0.00										
1303-115	CS Support FDR		0	07SEP06			314	0.00		0.00										
Job: 1353 - CS Structure Procurement-DAHLGREN																				
CS Support Structure																				
163-035	Bid & Award CS Support Struct	08SEP06	45	09NOV06	19JUN07		314	0.00		0.00										
163-036.9	Award CS Support Structure		0	09NOV06*	19JUN07*		314	0.00		0.00										
163-037	CS Support Structure Procurement/Fab	10NOV06*	249	08NOV07	17JUN08		314	0.00		205,571.79										
163-015	Title III design CS sprt struc	08SEP06	294	08NOV07	17JUN08		471	0.00		60,193.11										
Job: 1355 - WBS 13 I&C Proc & Coil Assy-KALISH																				
TF/PF Loacl I&C																				
133-015	Title III WBS 134 Conv Coil I&C	01NOV06*	130	11MAY07	18APR07		597	0.00		1,141.72										
133-037	Conv Coil I&C WBS 134 Proc & Install	01NOV06*	130	11MAY07	11APR07		443	0.00		69,587.22										
1355-100	CS and PF 1a Pre-Assy incl coil I&C procurement	09NOV07	15	03DEC07	09SEP08		314	0.00		20,510.40										
14 - Modular Coils																				
+ Job: 1401 - Mod Coil Prel.Dsn**CLOSED**																				
		01APR03A	636	30SEP05A	30SEP05A			304,040.00	100	304,040.00										
+ Job: 1402 - Mod.Coil Analyses**CLOSED**																				
		01APR03A	636	30SEP05A	30SEP05A			239,140.00	100	239,140.00										
+ Job:1404-MCWF R&D & 1st Prod Casting**CLOSED**																				
		01APR03A	636	30SEP05A	30SEP05A			2,543,518.06	100	2,543,518.06										
+ Job: 1413 -MCWF Fracture Analysis-**CLOSED**																				
		01OCT04A	251	30SEP05A	30SEP05A			28,169.40	100	28,169.40										
+ Job: 1405-Mod Coil Winding R&D Prep-**CLOSED**																				
		01APR03A	636	30SEP05A	30SEP05A			168,070.00	100	168,070.00										
+ Job: 1407 -Mod Coil Winding Facility-**CLOSED**																				
		01APR03A	636	30SEP05A	30SEP05A			2,545,993.12	100	2,545,993.12										
+ Job: 1412 - Complete Winding Facilities-*CLOSED*																				
		01OCT04A	251	30SEP05A	30SEP05A			537,436.88	100	537,436.88										
+ Job: 1406 - Mod. Coil Winding R&D-**CLOSED**																				
		01APR03A	636	30SEP05A	30SEP05A			2,246,588.41	100	2,246,588.41										
+ Job: 1410 MC Twisted Racetrack Fabr-**CLOSED**																				
		01OCT04A	251	30SEP05A	30SEP05A			1,050,211.32	100	1,050,211.32										
+ Job: 1409 - Coil Test Stand-GETTELFINGER*CLOSED*																				
		20OCT03A	494	30SEP05A	30SEP05A			915,941.31	100	915,941.31										
+ Job: 1415 Dim Cntrl Testing-RAFTOPOLOUS*CLOSED**																				
		01OCT04A	251	30SEP05A	30SEP05A			23,850.00	100	23,850.00										

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year					
											FY06	FY07	FY08	FY09	FY10	
+ Job: 1419-Winding Fac. Mods-CHRZANOWSKI*CLOSED*																
		01OCT04A	251	30SEP05A	30SEP05A			48,000.00	100	48,000.00						
Job: 1403 - Modular Coil Final Design-WILLIAMSON																
+ PDR/PBR Prep																
		01OCT03A	61	24DEC03A	24DEC03A			18,016.60	100	18,016.60						
+ Requirements/Config and Interfaces																
		15OCT03A	160	28MAY04A	28MAY04A			46,457.09	100	46,457.09						
+ Analysis - Thermal & Electrical																
		15OCT03A	152	18MAY04A	18MAY04A			39,639.40	100	39,639.40						
+ Analysis - Structural																
		15OCT03A	152	18MAY04A	18MAY04A			367,160.37	100	367,160.37						
+ Winding Form FDR Prep																
		15OCT03A	236	16SEP04A	16SEP04A			383,223.24	100	383,223.24						
+ MCWF Procurement																
		01JUN04A	86	30SEP04A	30SEP04A			45,223.48	100	45,223.48						
+ Coil-to-coil Interface Design																
		15OCT03A	246	30SEP04A	30SEP04A			91,408.51	100	91,408.51						
+ MCWF & Winding Analysis/Testing																
		02FEB04A	400	31AUG05A	31AUG05A			656,902.73	100	656,902.73						
+ Winding and Assembly Design-Type C																
		01JAN04A	442	30SEP05A	30SEP05A			267,656.11	100	267,656.11						
+ Twisted Racetrack Design (Williamson)																
		01OCT03A	455	29JUL05A	29JUL05A			376,539.25	100	376,539.25						
+ Prior Costs																
		01OCT04A	251	30SEP05A	30SEP05A			564,400.00	100	564,400.00						
Type C Design Closeout																
1403-203C	Finish Clamp Dwgs (5)-Type C	01MAR05A	193*	30NOV05A	14OCT05			15,791.04	100	15,584.57						
1403-506	Chill plate dwgs approved for fabrication		0*	30NOV05A	03OCT05			0.00	100	0.00						
1403-510	Clamp and assy dwgs approved for fabrication	30NOV05A	0*	30NOV05A	17OCT05			0.00	100	0.00						
1403-59	Type-C product specifications	02MAY05A	160*	30NOV05A	14OCT05			6,350.79	100	6,246.44						
1403-70.05	Update MIT/QA Plans for Type C Winding Fab	01SEP05A	42*	31OCT05A	21OCT05			6,474.00	100	6,428.33						
1403-X1	Winding form revisions (unplanned)	03OCT05A	0	31OCT05A				0.00		0.00						
1403-X2	Terminal Changes (unplanned)	03OCT05A	0	31OCT05A				0.00		0.00						
1403-90	Compile Material properties database	01OCT04A	414*	30MAY06	31OCT05		835	18,221.62	90	19,911.62						
1403-40.2Z	Update nonlinear winding pack analysis	01AUG04A	457*	30MAY06	14OCT05		835	79,967.98	90	85,876.10						
1403-73	Prep struct analysis report	01MAY05A	270*	26MAY06	31OCT05		836	10,446.08	80	12,578.42						
1403-76	Structural analysis of leads	01OCT04A	403*	12MAY06	31OCT05		846	10,250.70	80	12,484.62						
1403-200		01JAN04A	584	31MAR06A	14OCT05			0.00		35,037.04						
1403-224C	Finish VPI mold assembly-Type C	01MAR05A	315*	30MAY06	14OCT05		835	17,505.63	90	3,116.91						
1403-206.1		25APR05A	236*	31MAR06A	14OCT05			0.00		9,366.83						
1403-206C	Finish Cooling, Electr Schematic Dwgs - Type C	01MAR05A	315*	30MAY06	14OCT05		835	5,835.21	90	6,233.83						
1403-58C	Check and promote clamp, I&C assy dwgs -Type C	01JUN05A	239*	12MAY06	14OCT05		846	14,734.17	90	15,641.24						
1403-60C	Finish Update design basis document	02MAY05A	266*	22MAY06	14OCT05		840	7,830.61	60	12,492.88						
1403-223C	Finish Top level coil assembly-Type C	01MAR05A	315*	30MAY06	14OCT05		835	47,119.33	90	12,467.65						
1403-208C		01MAR05A	274*	31MAR06A	14OCT05			0.00	90	6,233.83						
1403-20.2	Resolve FDR chits	01AUG05A	187*	28APR06A	17OCT05			6,616.13	100	6,211.91						
1403-42H	calculate EM loads at leads	01SEP05A	185*	30MAY06	31OCT05		835	6,014.55	60	9,701.44						
1403-47A	Update,review & approve FMECA	26SEP05A	168*	30MAY06	28OCT05		835	673.17	10	6,638.40						
1403-42A1	Document analysis of MCWF eddy currents	01MAY06*	21*	30MAY06	31OCT05		835	0.00	10	0.00						

hm fan=120
freudenberg=480;williamson=40
nelson=4Myatt=40 (\$5k)
FREUDENBERG =80hr ;
FREUDENBERG =80hr ;
120 hrs
40 hrs
100 hrs
80 hrs
323 hrs
40 hrs
williamson=60
Williamson=80
Brooks

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year					
											FY06	FY07	FY08	FY09	FY10	
1403-47C	Perform cool-down/warmup analysis	01MAY06*	10'	12MAY06	31OCT05		846	0.00		6,962.40						
1403-50A	Check inductance calculation	01MAY06	10'	12MAY06	31OCT05		846	0.00		6,748.00						
1403-20.0	Final Design Close-out for Type C		0	02JUN06*	31OCT05*		832	0.00		0.00						
Job: 1416-Mod Coil Type A&B Final Dsn-WILLIAMSON																
Winding and Assembly Design-Type A																
1416A-105	Top level models and drawings	03MAR06A	89'	07JUL06	21DEC05		292	2,024.40	30	6,748.00						
1416A-109	-Check and Promote Top Level Drawings	10JUL06	10'	21JUL06	05JAN06		292	0.00		3,374.00						
1416A-113	MCWF mods-As-Built MCWF	01AUG05A	145'	28FEB06A	07OCT05			13,153.50	100	12,509.60						
1416A-117	MCWF mods-Studs, Lead Block Mount	01OCT05A	100'	28FEB06A	14OCT05			6,748.00	100	6,748.00						
1416A-121	MCWF mods-Seal Groove Adapter	01OCT05A	142'	28APR06A	21OCT05			10,122.00	100	6,748.00						
1416A-125		03OCT05A	122'	31MAR06A	26OCT05			0.00		3,374.00						
1416A-129	MCWF mods-Check and Promote	30NOV05A	107'	05MAY06	02NOV05		836	3,036.60	90	3,374.00						
1416A-133	Lead Block Assy-Lead Blocks	01OCT05A	100'	28FEB06A	28OCT05			13,496.00	100	13,496.00						
1416A-137	Lead Block Assy-Top and Side Plates	28NOV05A	62'	28FEB06A	18NOV05			13,496.00	100	13,496.00						
1416A-141	Lead Block Assy-Detail Parts, Intralink	28NOV05A	84'	10MAR06A	23NOV05			10,122.00	100	6,748.00						
1416A-145		28NOV05A	84'	31MAR06A	01DEC05			0.00		3,374.00						
1416A-149	Lead Block Assy-Check and Promote	01MAY06	5'	05MAY06	08DEC05		836	3,036.60	90	3,374.00						
1416A-153	Lead Terminals-Splice Plates	01MAY06*	7'	09MAY06	27OCT05		829	0.00		3,374.00						
1416A-157	Lead Terminals-Check and Promote	10MAY06*	5'	16MAY06	03NOV05		829	0.00		3,374.00						
1416A-161	Side A Coil Assy-Cladding Asm	01SEP05A	144'	31MAR06A	28OCT05			38,319.60	100	37,150.48						
1416A-165	Side A Coil Assy-Cond Layers, Geom Files	28NOV05A	84'	31MAR06A	04NOV05			6,748.00	100	6,748.00						
1416A-169	Side A Coil Assy-Magnetic Loops	28NOV05A	84'	31MAR06A	14NOV05			3,374.00	100	3,374.00						
1416A-173	Side A Coil Assy-Chill Plates and Tubing	28NOV05A	84'	31MAR06A	13DEC05			40,488.00	100	40,488.00						
1416A-177	Side A Coil Assy-Check and Promote		0'	31MAR06A	04JAN06			6,748.00	100	6,748.00						
1416A-181	Side B Coil Assy-Cladding Asm	01SEP05A	144'	31MAR06A	28OCT05			39,724.23	100	38,972.40						
1416A-185	Side B Coil Assy-Cond Layers, Geom Files	28NOV05A	84'	31MAR06A	07NOV05			6,748.00	100	6,748.00						
1416A-189	Side B Coil Assy-Magnetic Loops	28NOV05A	84'	31MAR06A	16NOV05			3,374.00	100	3,374.00						
1416A-193	Side B Coil Assy-Chill Plates and Tubing	28NOV05A	84'	31MAR06A	13DEC05			41,774.40	100	41,774.40						
1416A-197	Side B Coil Assy-Check and Promote		0'	28APR06A	04JAN06			6,748.00	100	6,748.00						
1416A-201	Coil Post VPI mods-Studs Removed	03DEC05A	177'	18AUG06	02NOV05		234	2,699.20	80	3,374.00						
1416A-205	Coil Post VPI mods-Clamp Arrangement	03DEC05A	177'	18AUG06	09NOV05		234	5,398.40	80	6,748.00						
1416A-209	Coil Post VPI mods-Check and Promote	21AUG06	5	25AUG06	16NOV05		234	2,699.20	80	3,374.00						
1416A-213	Clamp Assy-Clamp Hardware	28NOV05A	40'	23DEC05A	24OCT05			674.80	100	674.80						
1416A-217	Clamp Assy-Check and Promote	01DEC05A	1	23DEC05A	25OCT05			674.80	100	674.80						
1416A-221	I&C-Strain Gages and T/C	03MAR06A	133'	08SEP06	13DEC05		749	1,012.20	30	3,374.00						
1416A-225	I&C-Rogowski Coils	03MAR06A	133'	08SEP06	08DEC05		749	2,024.40	30	6,748.00						
1416A-229	I&C-Check and Promote	11SEP06*	15'	29SEP06	20DEC05		749	0.00		3,374.00						
1416A-233	Coil-to-Coil -Current Feed Insul, Covers	15SEP06*	5	21SEP06	21NOV05		232	0.00		3,374.00						
1416A-237	Coil-to-Coil -Windings Insul Blanket	15SEP06*	5	21SEP06	16NOV05		232	0.00		3,374.00						
1416A-241	Coil-to-Coil -Bushing Installation	15SEP06*	5	21SEP06	28NOV05		232	0.00		3,374.00						
1416A-245	Coil-to-Coil -Check and Promote	22SEP06	5	28SEP06	05DEC05		232	0.00		3,374.00						
1416A-249	-Type-A Coil Asm Specification	01MAY06*	5	05MAY06	03JAN06		826	0.00		6,748.00						
1416A-253	-Review and Approve Type-A Spec	23MAY06*	5	30MAY06	10JAN06		815	0.00		3,374.00						
1416A-257	-Update Coil Fab Procedures	31MAY06*	5	06JUN06	17JAN06		815	0.00		3,374.00						
1416A-261	-Prepare and Conduct FDR	07JUN06*	5	13JUN06	24JAN06		815	0.00		6,748.00						
1416A-262	TYPE A FDR		0	13JUN06*	24JAN06		815	0.00		0.00						
1416A-265	-Resolve FDR Comments	14JUN06	10	27JUN06	07FEB06		815	0.00		6,748.00						
Winding and Assembly Design-Type B																
1416B-105	Top level models and drawings	11MAR06A	118'	25AUG06	17APR06		286	674.80	10	6,748.00						
1416B-109	-Check and Promote top level drawings	28AUG06	5	01SEP06	24APR06		286	0.00		3,372.31						
1416B-113	MCWF mods-As-Built MCWF	01DEC05A	111'	12MAY06	09JAN06		826	6,073.20	90	6,748.00						
1416B-117	MCWF mods-Studs, Lead Block Mount	01MAY06*	10'	12MAY06	16JAN06		826	5,398.40	80	6,748.00						
1416B-121	MCWF mods-Seal Groove Adapter	01MAY06*	20'	26MAY06	24JAN06		816	3,036.60	30	6,748.00						

Run Date 17MAY06 12:45
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Forecast
zECP-43 baseline
Progress Bar
Critical Activity

0604 NCSX Sheet 10 of 42
Progress Status and Earned Value
Through APRIL 30,2006

ECP-43 Baseline.
Does not reflect all revisions presented at
the May Lehman review.

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year				
											FY06	FY07	FY08	FY09	FY10
1416B-125				0	31MAR06A			0.00		3,372.31					
1416B-129	MCWF mods-Check and Promote	02JUN06*	5	08JUN06	01FEB06		813	0.00		3,372.31					
1416B-133	Lead Block Assy-Lead Blocks	28NOV05A	104*	14APR06A	09JAN06			13,492.63	100	13,492.63					
1416B-137	Lead Block Assy-Top and Side Plates	28NOV05A	104*	14APR06A	01FEB06			13,492.63	100	13,492.63					
1416B-141	Lead Block Assy-Detail Parts, Intralink	10FEB06A	56*	28APR06A	16FEB06			10,122.00	100	6,748.00					
1416B-145		06FEB06A	5	31MAR06A	10FEB06			0.00		3,372.31					
1416B-149	Lead Block Assy-Check and Promote	01MAR06A	53*	12MAY06	23FEB06		178	2,697.85	80	3,372.31					
1416B-153	Lead Terminals-Splice Plates	02MAY06*	5	08MAY06	01FEB06		177	0.00		3,372.31					
1416B-157	Lead Terminals-Check and Promote	09MAY06*	5	15MAY06	08FEB06		177	0.00		3,372.31					
1416B-161	Side A Coil Assy-Cladding Asm	03DEC05A	109*	12MAY06	08FEB06		206	37,784.75	80	47,230.94					
1416B-165	Side A Coil Assy-Cond Layers, Geom Files	03MAR06A	51*	12MAY06	03FEB06		826	5,398.40	80	6,748.00					
1416B-169	Side A Coil Assy-Magnetic Loops	03MAR06A	51*	12MAY06	09FEB06		826	2,697.85	80	3,372.31					
1416B-173	Side A Coil Assy-Chill Plates and Tubing	03MAR06A	51*	12MAY06	10APR06		224	48,578.86	80	60,723.57					
1416B-177	Side A Coil Assy-Check and Promote	15MAY06	5*	19MAY06	24APR06		826	0.00		6,748.00					
1416B-181	Side B Coil Assy-Cladding Asm	03DEC05A	114*	19MAY06	08FEB06		201	29,238.95	60	48,731.58					
1416B-185	Side B Coil Assy-Cond Layers, Geom Files	03MAR06A	56*	19MAY06	03FEB06		820	4,048.80	60	6,748.00					
1416B-189	Side B Coil Assy-Magnetic Loops	03MAR06A	56*	19MAY06	09FEB06		820	2,023.39	60	3,372.31					
1416B-193	Side B Coil Assy-Chill Plates and Tubing	03MAR06A	56*	19MAY06	10APR06		219	37,591.74	60	62,652.90					
1416B-197	Side B Coil Assy-Check and Promote	22MAY06	6*	30MAY06	24APR06		820	0.00		6,748.00					
1416B-201	Coil Post VPI mods-Studs Removed	03MAR06A	62*	30MAY06	06FEB06		274	1,011.69	30	3,372.31					
1416B-205	Coil Post VPI mods-Clamp Arrangement	03MAR06A	62*	30MAY06	09FEB06		274	2,024.40	30	6,748.00					
1416B-205A	Coil Post VPIU mods cooling/electrical	01MAY06*	73*	11AUG06			783	0.00		0.00					
1416B-209	Coil Post VPI mods-Check and Promote	31MAY06	62*	25AUG06	16FEB06		274	0.00		3,372.31					
1416B-213	Clamp Assy-Clamp Hardware DELETED	31MAR06A	1	31MAR06A	25JAN06			674.80		674.80					
1416B-217	Clamp Assy-Check and Promote DELETED	31MAR06A	1	31MAR06A	26JAN06			674.80		674.80					
1416B-221	I&C-Strain Gages and T/C	04AUG06*	5	10AUG06	09MAR06		274	0.00		3,372.31					
1416B-225	I&C-Rogowski Coils	04AUG06*	5	10AUG06	14MAR06		274	0.00		6,748.00					
1416B-229	I&C-Check and Promote	11AUG06	11*	25AUG06	21MAR06		274	0.00		3,372.31					
1416B-233	Coil-to-Coil -Current Feed Insul, Covers	04AUG06*	5	10AUG06	01MAR06		280	0.00		3,372.31					
1416B-237	Coil-to-Coil -Windings Insul Blanket	04AUG06*	5	10AUG06	24FEB06		280	0.00		3,372.31					
1416B-241	Coil-to-Coil -Bushing Installation	04AUG06*	5	10AUG06	06MAR06		280	0.00		3,372.31					
1416B-245	Coil-to-Coil -Check and Promote	11AUG06	5	17AUG06	13MAR06		280	0.00		3,372.31					
1416B-249	-Type-B Coil Assm Specification	14JUL06*	5	20JUL06	17APR06		774	0.00		6,748.00					
1416B-253	-Review and Approve Type-B Spec	02AUG06*	5	08AUG06	24APR06		766	0.00		3,372.31					
1416B-257	-Update Coil Fab Procedures	09AUG06*	5	15AUG06	01MAY06		766	0.00		3,372.31					
1416B-261	-Prepare and Conduct FDR	16AUG06*	5	22AUG06	08MAY06		766	0.00		6,748.00					
1416B-262	TYPE B FDR	02AUG06	10	22AUG06	08MAY06		766	0.00		0.00					
1416B-265	-Resolve FDR Comments	23AUG06	10	06SEP06	22MAY06		766	0.00		6,748.00					

Job:1408-Mod Coil Winding Supplies-CHRZANOWSKI

Prior Costs

1408-001	Apr-Sep YTD MIE Cost PPPL	01APR03A	64	30SEP03A	30SEP03A			29,790.00	100	29,790.00					
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+ Copper Conductor

		02AUG04A	315	31OCT05A	31OCT05			273,914.27	100	273,275.40					
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+ Insulation for conductor

		09JUL04A	245	30JUN05A	30JUN05A			26,901.00	100	26,901.00					
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+ Groundwrap Insulation

		03JAN05A	41	28FEB05A	28FEB05A			25,620.00	100	25,620.00					
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Cladding

1408-505	PPPL Fabr Cladding Type C for Coil c1	01MAY05A	15	31MAY05A	31MAY05A			3,586.65	100	3,586.65					
1408-507	PPPL Fabr Cladding Type C for Coil c2	02OCT05A	58*	23DEC05A	21NOV05			3,838.80	100	3,838.80					
1408-501	Submet Requisition for Type C Cladding	31OCT05A	1	31OCT05A	03OCT05			0.00	100	0.00					
1408-503	Bid and Award Type C Cladding (PE006336)	01NOV05A	20	30NOV05A	31OCT05			0.00	100	0.00					

Run Date 17MAY06 12:45

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

0604
NCSX
Progress Status and Earned Value
Through APRIL 30,2006

Sheet 11 of 42

ECP-43 Baseline.
Does not reflect all revisions presented at
the May Lehman review.

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year										
											FY06	FY07	FY08	FY09	FY10						
1408-509	Fabr Cladding Type C for Coil c3	03DEC05A	36	31JAN06A	21NOV05			3,838.80	100	3,838.80	41=\$2.8k										
1408-511	Fabr Cladding Type C for Coil c4	03DEC05A	36	31JAN06A	14DEC05			3,838.80	100	3,838.80	41=\$2.8k										
1408-513	Fabr Cladding Type C for Coil c5	03DEC05A	36	31JAN06A	12JAN06			3,838.80	100	3,838.80	41=\$2.8k										
1408-515	Fabr Cladding Type C for Coil c6	03DEC05A	36	31JAN06A	02FEB06			3,838.80	100	3,838.80	41=\$2.8k										
1408-517	Submet Requisition for Type A Cladding	01APR06A	5	14APR06A	04NOV05			0.00		0.00											
1408-519	Bid and Award Type A Cladding	17APR06A	30	26APR06A	20DEC05			0.00		0.00											
1408-521	Fabr Cladding Type A for Coil a1	01MAY06	16	22MAY06	18JAN06		175	0.00		3,838.80	41=\$2.8k										
1408-523	Fabr Cladding Type A for Coil a2	01MAY06	16	22MAY06	08FEB06		189	0.00		3,838.80	41=\$2.8k										
1408-525	Fabr Cladding Type A for Coil a3	01MAY06	16	22MAY06	01MAR06		221	0.00		3,838.80	41=\$2.8k										
1408-527	Fabr Cladding Type A for Coil a4	01MAY06	16	22MAY06	22MAR06		267	0.00		3,838.80	41=\$2.8k										
1408-529	Fabr Cladding Type A for Coil a5	01MAY06	16	22MAY06	12APR06		405	0.00		3,838.80	41=\$2.8k										
1408-531	Fabr Cladding Type A for Coil a6	01MAY06	16	22MAY06	03MAY06		419	0.00		3,838.80	41=\$2.8k										
1408-533	Submet Requisition for Type B Cladding	22MAY06	5	26MAY06	15FEB06		201	0.00		0.00											
1408-535	Bid and Award Type B Cladding	30MAY06	10	12JUN06	29MAR06		201	0.00		0.00											
1408-537	Fabr Cladding Type B for Coil b1	13JUN06	20	11JUL06	19APR06		201	0.00		3,838.80	41=\$2.8k										
1408-539	Fabr Cladding Type B for Coil b2	13JUN06	25	18JUL06	10MAY06		242	0.00		3,838.80	41=\$2.8k										
1408-541	Fabr Cladding Type B for Coil b3	13JUN06	25	18JUL06	01JUN06		274	0.00		3,838.80	41=\$2.8k										
1408-543	Fabr Cladding Type B for Coil b4	13JUN06	25	18JUL06	22JUN06		288	0.00		3,838.80	41=\$2.8k										
1408-545	Fabr Cladding Type B for Coil b5	13JUN06	25	18JUL06	14JUL06		320	0.00		3,838.80	41=\$2.8k										
1408-547	Fabr Cladding Type B for Coil b6	13JUN06	25	18JUL06	04AUG06		334	0.00		3,838.80	41=\$2.8k										
Lead hardware & Fillers																					
1408-705	Fabr Lead HW Type C for Coil c1	01JUL05A	131'	30DEC05A	10NOV05			93,326.22	100	92,137.12											
1408-707	Fabr Lead HW Type C for Coil c2	01JUL05A	131'	31JAN06A	15NOV05			24,911.70	100	24,509.92	41=\$19.5k										
1408-701	Submet Requisition for Type C3-C6 Lead HW	01AUG05A	5	05AUG05A	05AUG05A			0.00	100	0.00											
1408-703	Bid and Award Type C3-C6 Lead HW	08AUG05A	30	02DEC05A	31AUG05A			0.00	100	0.00											
1408-709	Fabr Lead HW Type C for Coil c3	03JAN06A	20	31JAN06A	01DEC05			26,186.10	100	26,186.10	M&S = \$19.1k										
1408-711	Fabr Lead HW Type C for Coil c4	03JAN06A	20	31JAN06A	06JAN06			26,186.10	100	26,186.10	M&S = \$19.1k										
1408-713	Fabr Lead HW Type C for Coil c5	03JAN06A	20	31JAN06A	03FEB06			26,186.10	100	26,186.10	M&S = \$19.1k										
1408-715	Fabr Lead HW Type C for Coil c6	03JAN06A	20	31JAN06A	03MAR06			26,186.10	100	26,186.10	M&S = \$19.1k										
1408-721A	Fab & Deliver Lower lead blocks (PE006621)	31MAR06A	78'	20JUL06			177	0.00		0.00											
1408-717	Submet Req for Type A Lead HW R403928	31MAR06A	5	31MAR06A	15DEC05			0.00		0.00											
1408-719	Bid and Award Type A Lead HW (PE006621 & 6646)	31MAR06A	25	14APR06A	03FEB06			0.00		0.00											
1408-721	Fabr Lead HW Type A for Coil a1	01MAY06	15	19MAY06	03MAR06		179	5,630.01	22	26,186.10	M&S = \$19.1k										
1408-723	Fabr Lead HW Type A for Coil a2	01MAY06	36	20JUN06	31MAR06		172	5,630.01	22	26,186.10	M&S = \$19.1k										
1408-725	Fabr Lead HW Type A for Coil a3	01MAY06	36	20JUN06	28APR06		204	5,630.01	22	26,186.10	M&S = \$19.1k										
1408-727	Fabr Lead HW Type A for Coil a4	01MAY06	36	20JUN06	26MAY06		250	5,630.01	22	26,186.10	M&S = \$19.1k										
1408-729	Fabr Lead HW Type A for Coil a5	01MAY06	36	20JUN06	26JUN06		388	5,630.01	22	26,186.10	M&S = \$19.1k										
1408-731	Fabr Lead HW Type A for Coil a6	01MAY06	36	20JUN06	25JUL06		402	5,630.01	22	26,186.10	M&S = \$19.1k										
1408-733	Submet Requisition for Type B Lead HW	16MAY06	5	22MAY06	02MAR06		177	0.00		0.00											
1408-735	Bid and Award Type B Lead HW	23MAY06	25	27JUN06	13APR06		177	0.00		0.00											
1408-737	Fabr Lead HW Type B for Coil b1	28JUN06	40	23AUG06	11MAY06		177	5,630.01	22	26,186.10	M&S = \$19.1k										
1408-739	Fabr Lead HW Type B for Coil b2	28JUN06	40	23AUG06	09JUN06		347	5,630.01	22	26,186.10	M&S = \$19.1k										
1408-741	Fabr Lead HW Type B for Coil b3	28JUN06	40	23AUG06	10JUL06		255	5,630.01	22	26,186.10	M&S = \$19.1k										
1408-743	Fabr Lead HW Type B for Coil b4	28JUN06	40	23AUG06	07AUG06		269	5,630.01	22	26,186.10	M&S = \$19.1k										
1408-745	Fabr Lead HW Type B for Coil b5	28JUN06	40	23AUG06	04SEP06		301	5,630.01	22	26,186.10	M&S = \$19.1k										
1408-747	Fabr Lead HW Type B for Coil b6	28JUN06	40	23AUG06	02OCT06		315	5,630.01	22	26,186.10	M&S = \$19.1k										
Chill Plates																					
1408-605	PPPL Fabr Chill Plts Type C for Coil c1	28NOV05A	20'	22DEC05A	21DEC05			3,838.80	100	3,838.80											
1408-601	Submet Requisition for Type C Chill Plts	28NOV05A	5	30NOV05A	10OCT05			0.00	100	0.00											
1408-603	Bid and Award Type C Chill Plts	01DEC05A	30	05DEC05A	21NOV05			0.00	100	0.00											
1408-607	Fabr Chill Plts Type C for Coil c2	03JAN06A	20	31JAN06A	26JAN06			3,838.80	100	3,838.80	41=\$2.8k										
1408-609	Fabr Chill Plts Type C for Coil c3	03JAN06A	20	31JAN06A	23FEB06			3,838.80	100	3,838.80	41=\$2.8k										
1408-611	Fabr Chill Plts Type C for Coil c4	03JAN06A	20	31JAN06A	23MAR06			3,838.80	100	3,838.80	41=\$2.8k										

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█ Forecast
█ zECP-43 baseline
█ Progress Bar
█ Critical Activity

0604 NCSX Sheet 12 of 42
Progress Status and Earned Value
 Through APRIL 30,2006

ECP-43 Baseline.
 Does not reflect all revisions presented at the May Lehman review.

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year				
											FY06	FY07	FY08	FY09	FY10
1408-613	Fabr Chill Plts Type C for Coil c5	03JAN06A	20	31JAN06A	20APR06			3,838.80	100	3,838.80	41=\$2.8k				
1408-615	Fabr Chill Plts Type C for Coil c6	03JAN06A	20	31JAN06A	18MAY06			3,838.80	100	3,838.80	41=\$2.8k				
1408-617	Submet Requisition for Type A Chill Plts	01APR06A	5	14APR06A	20DEC05			0.00		0.00					
1408-619	Bid and Award Type A Chill Plts (PE006657)	17APR06A	30	26APR06A	08FEB06			0.00		0.00					
1408-621	Fabr Chill Plts Type A for Coil a1	01MAY06	16	22MAY06	08MAR06		213	0.00		3,838.80	41=\$2.8k				
1408-623	Fabr Chill Plts Type A for Coil a2	01MAY06	16	22MAY06	05APR06		227	0.00		3,838.80	41=\$2.8k				
1408-625	Fabr Chill Plts Type A for Coil a3	01MAY06	16	22MAY06	03MAY06		259	0.00		3,838.80	41=\$2.8k				
1408-627	Fabr Chill Plts Type A for Coil a4	01MAY06	16	22MAY06	01JUN06		305	0.00		3,838.80	41=\$2.8k				
1408-629	Fabr Chill Plts Type A for Coil a5	01MAY06	16	22MAY06	29JUN06		319	0.00		3,838.80	41=\$2.8k				
1408-631	Fabr Chill Plts Type A for Coil a6	01MAY06	16	22MAY06	28JUL06		457	0.00		3,838.80	41=\$2.8k				
1408-633	Submet Requisition for Type B Chill Plts	22MAY06	5	26MAY06	17APR06		219	0.00		0.00					
1408-635	Bid and Award Type B Chill Plts	30MAY06	30	11JUL06	30MAY06		219	0.00		0.00					
1408-637	Fabr Chill Plts Type B for Coil b1	12JUL06	20	08AUG06	27JUN06		219	0.00		3,838.80	41=\$2.8k				
1408-639	Fabr Chill Plts Type B for Coil b2	12JUL06	20	08AUG06	26JUL06		389	0.00		3,838.80	41=\$2.8k				
1408-641	Fabr Chill Plts Type B for Coil b3	12JUL06	20	08AUG06	23AUG06		297	0.00		3,838.80	41=\$2.8k				
1408-643	Fabr Chill Plts Type B for Coil b4	12JUL06	20	08AUG06	20SEP06		311	0.00		3,838.80	41=\$2.8k				
1408-645	Fabr Chill Plts Type B for Coil b5	12JUL06	20	08AUG06	18OCT06		343	0.00		3,838.80	41=\$2.8k				
1408-647	Fabr Chill Plts Type B for Coil b6	12JUL06	20	08AUG06	15NOV06		357	0.00		3,838.80	41=\$2.8k				
+ Tubing															
		28NOV05A	41	31JAN06A	29NOV05			2,742.00	100	2,742.00					
Epoxy															
1408-111	Epoxy - Requisition	01JAN05A	5	31JAN05A	31JAN05A			0.00	100	0.00					
1408-114	Epoxy -Evaluate Bids & Award	01MAY05A	10	31MAY05A	31MAY05A			0.00	100	0.00					
1408-117	Epoxy -1st Delivery for Production	31JAN06A	20	31JAN06A	02MAR06			20,565.00	100	20,565.00	M&S= \$ 15 k				
1408-119	Epoxy -2nd Delivery for Production	09MAY06	20	06JUN06	04MAY06		252	0.00		20,565.00	M&S= \$ 15 k				
1408-121	Epoxy -3rd Delivery for Production	04DEC06	20	08JAN07	14DEC06		187	0.00		20,565.00	M&S= \$ 15 k				
1408-123	Epoxy -4th Delivery for Production	14FEB07	20	13MAR07	27FEB07		167	0.00		20,565.00	M&S= \$ 15 k				
1408-125	Epoxy -5th Delivery for Production	22MAR07	20	18APR07	09APR07		172	0.00		20,565.00	M&S= \$ 15 k				
1408-127	Epoxy -6th Delivery for Production	19APR07	20	16MAY07	07MAY07		172	0.00		20,565.00	M&S= \$ 15 k				
Clamps															
1408-901	Submet Requisition for Type C Clamps	01DEC05A	5	07DEC05A	24OCT05			0.00		0.00					
1408-903	Bid and Award Type C Clamps (PE6417)	08DEC05A	33	11JAN06A	21DEC05			0.00		0.00					
1408-905	Fabr Clamps Type C for Coil c1	28FEB06A	45	28APR06A	09FEB06			20,565.00	100	20,565.00	41=\$15k				
1408-907	Fabr Clamps Type C for Coil c2	28FEB06A	46	02MAY06	23MAR06		316	18,097.20	88	20,565.00	41=\$15k				
1408-909	Fabr Clamps Type C for Coil c3	28FEB06A	46	02MAY06	04MAY06		324	18,097.20	88	20,565.00	41=\$15k				
1408-911	Fabr Clamps Type C for Coil c4	28FEB06A	46	02MAY06	16JUN06		332	9,871.20	88	20,565.00	41=\$15k				
1408-913	Fabr Clamps Type C for Coil c5	28FEB06A	46	02MAY06	31JUL06		340	18,097.20	88	20,565.00	41=\$15k				
1408-915	Fabr Clamps Type C for Coil c6	28FEB06A	46	02MAY06	12NOV07		529	9,871.20	88	21,075.00	41=\$15k				
1408-921	Fabr Clamps Type A for Coil a1	28FEB06A	46	02MAY06	17FEB06		348	18,097.20	88	20,565.00	41=\$15k				
1408-923	Fabr Clamps Type A for Coil a2	28FEB06A	46	02MAY06	31MAR06		356	9,871.20	88	20,565.00	41=\$15k				
1408-925	Fabr Clamps Type A for Coil a3	28FEB06A	46	02MAY06	12MAY06		364	18,097.20	88	20,565.00	41=\$15k				
1408-927	Fabr Clamps Type A for Coil a4	28FEB06A	46	02MAY06	26JUN06		380	18,097.20	88	20,565.00	41=\$15k				
1408-929	Fabr Clamps Type A for Coil a5	28FEB06A	46	02MAY06	08AUG06		485	18,097.20	88	20,565.00	41=\$15k				
1408-931	Fabr Clamps Type A for Coil a6	28FEB06A	46	02MAY06	19SEP06		493	18,097.20	88	20,565.00	41=\$15k				
1408-937	Fabr Clamps Type B for Coil b1	01MAR06A	45	02MAY06	11MAY06		372	18,097.20	88	20,565.00	41=\$15k				
1408-939	Fabr Clamps Type B for Coil b2	28FEB06A	46	02MAY06	23JUN06		388	18,097.20	88	20,565.00	41=\$15k				
1408-941	Fabr Clamps Type B for Coil b3	28FEB06A	46	02MAY06	07AUG06		453	18,097.20	88	20,565.00	41=\$15k				
1408-943	Fabr Clamps Type B for Coil b4	28FEB06A	46	02MAY06	18SEP06		461	18,097.20	88	20,565.00	41=\$15k				
1408-945	Fabr Clamps Type B for Coil b5	28FEB06A	46	02MAY06	30OCT06		469	18,097.20	88	20,565.00	41=\$15k				
1408-947	Fabr Clamps Type B for Coil b6	28FEB06A	46	02MAY06	13DEC06		477	18,097.20	88	20,565.00	41=\$15k				
Other															
1408-137	Safety & PPE equipt & supplies	01MAY05A	686	31JAN08	31JAN08		420	15,308.96	75	20,412.61	M&S= \$ 15 k				
1408-138	Misc. Supplies	01JUL05A	643	31JAN08	31JAN08		420	11,475.51	70	16,393.86	M&S= \$ 12 k				

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year					
											FY06	FY07	FY08	FY09	FY10	
1408-173	Epoxy for Shell Mold (Hysol)	03JAN06A	520'	31JAN08	31JAN08		420	14,863.29	60	24,762.27	M&S= \$ 18 k					
1408-183	Tubing (Chem flor and Poly)	01SEP05A	67'	31OCT05A	06DEC05			46,373.37	100	46,950.67						
1408-184	Vulcanizing tape, felt and RTV	03JAN06A	45	03JUL06	06DEC05		811	25,034.46	83	30,162.00	M&S= \$ 22 k					
1408-185	Valves and Fittings	01AUG05A	66'	31OCT05A	31OCT05			19,644.55	100	19,644.55						
1408-186	Manifolds	01SEP05A	209	30SEP05A	30SEP05A			75,850.56	100	75,850.56						
I&C																
174-035	Modular Coil local I&C -Procurement	01MAY06	40	26JUN06	18JAN06		816	0.00		18,275.43	41=\$13.33k					
FY05CV-21	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			33,000.00		33,000.00						
Job: 1411-MCWF Fabrication S005242-HEITZENROEDER																
Contract Oversight and Title III																
172-031	Title III engr	24MAY04A	340'	30SEP05A	30SEP05A			76,273.90	LOE	76,273.90						
172-031.1	Title III engr	01OCT05A	350'	01MAR07	01MAR07		648	67,861.86	LOE	167,147.43	Heitzenroeder =640hr; Williamson = 107 hr ; travel=\$26k					
FY05CV-23	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			275,000.00		275,000.00						
MCWF-001	EIO Project Mgt. & Reporting	29OCT04A	486'	15SEP06	15SEP06		709	682,500.00	LOE	910,000.00	48=909 ;					
MCWF-001A	EIO Project Mgt. & Reporting AMEND #11	18SEP06	75'	29DEC06	29DEC06		709	0.00		129,250.00	48=129,246 ;					
MCWF-001B	EIO Project Mgt. & Reporting AMEND #12	02JAN07*	76'	17APR07	17APR07		633	0.00		146,000.00	48=146 ;					
MCWF-011	Pattern A complete	29OCT04A	126'	01APR05A	01APR05A			290,125.00	100	290,125.00						
MCWF-021	Pattern B complete	01DEC04A	220'	30SEP05A	30SEP05A			255,120.00	100	255,120.00						
MCWF-031	Major Tool Tooling Complete	29OCT04A	82'	28FEB05A	28FEB05A			628,622.00	100	628,622.00						
MCWF-041	Materials (MetalTek)	29NOV04A	282'	31AUG05A	31AUG05A			744,750.00	100	744,750.00						
MCWF-051	C1-MTK-casting upgrade	20DEC04A	63'	31MAR05A	31MAR05A			146,248.12	100	144,138.12						
MCWF-061	C1-MTM - machining/inspection	01APR05A	136'	30SEP05A	30SEP05A	M		159,560.00	100	159,560.00						
C-121.1	First MCWF C-1 Delivered		0	30SEP05A	30SEP05A			0.00		0.00						
MCWF-071	C1-Receive at PPPL		0	03OCT05A	04OCT05*			0.00		0.00						
MCWF-081	C2-MTK-casting	01APR05A	66'	27JUN05A	27JUN05A			142,920.00	100	142,710.00						
MCWF-091	C2-MTM - machining/inspection	28JUN05A	125'	16DEC05A	16DEC05			169,040.00	100	169,040.00						
MCWF-101	C2-Receive at PPPL		0	16DEC05A	19DEC05			0.00	100	0.00						
MCWF-141	C3-MTK-casting	12MAY05A	102'	19SEP05A	19SEP05A			142,920.00	100	142,710.00						
MCWF-151	C3-MTM - machining/inspection	20SEP05A	108'	27FEB06A	03MAR06			167,910.00	100	167,910.00	48=155 ;					
MCWF-161	C3-Receive at PPPL		0	27FEB06A	03MAR06			43,030.00		43,030.00						
MCWF-201	C4-MTK-casting	16MAY05A	122'	31OCT05A	31OCT05			142,920.00	100	142,710.00						
MCWF-211	C4-MTM - machining/inspection	31OCT05A	102'	27MAR06A	31MAR06			167,910.00	100	167,910.00	48=155 ;					
MCWF-221	C4-Receive at PPPL		0	27MAR06A	31MAR06			31,190.00		31,190.00						
MCWF-261	C5-MTK-casting	30MAY05A	128'	30NOV05A	28NOV05			142,920.00	100	142,710.00						
MCWF-271	C5-MTM - machining/inspection	01DEC05A	101'	28APR06A	04MAY06			167,910.00	100	167,910.00	48=155 ;					
MCWF-281	C5-Receive at PPPL		0	28APR06A	04MAY06			34,480.00		34,480.00						
MCWF-111	A1-MTK-casting	22APR05A	116'	08SEP05A	08SEP05A			142,710.00	100	142,710.00						
MCWF-121	A1-MTM - machining/inspection	09SEP05A	108'	26MAY06	08JUN06		166	117,537.00	70	167,910.00	48=155 ;					
MCWF-131	A1-Receive at PPPL		0	26MAY06	08JUN06		166	0.00		29,880.00						
MCWF-171	A2-MTK-casting	17AUG05A	91'	23DEC05A	30DEC05			142,710.00	100	142,710.00						
MCWF-181	A2-MTM - machining/inspection	14NOV05A	144'	14JUN06	13JUL06		169	50,373.00	30	167,910.00	48=155 ;					
MCWF-191	A2-Receive at PPPL		0	14JUN06*	13JUL06		169	0.00		25,270.00						
MCWF-351	A3-MTK-casting	26SEP05A	84'	31JAN06A	31JAN06			142,710.00	100	142,710.00	48=141 ; +2.11k heat treatment ecp34					
MCWF-361	A3-MTM - machining/inspection	01MAR06A	93'	11JUL06	16AUG06		183	41,977.50	25	167,910.00	48=155 ;					
MCWF-371	A3-Receive at PPPL		0	11JUL06	16AUG06		183	0.00		20,410.00						
MCWF-231	B1-MTK-casting	16SEP05A	110'	28FEB06A	28FEB06			142,710.00	100	142,710.00	48=141 ; +2.11k heat treatment ecp34					
MCWF-241	B1-MTM - machining/inspection	01MAR06A	113'	08AUG06	20SEP06		176	11,753.70	7	167,910.00	48=155 ;					
MCWF-251	B1-Receive at PPPL		0	08AUG06	20SEP06		176	0.00		14,660.00						

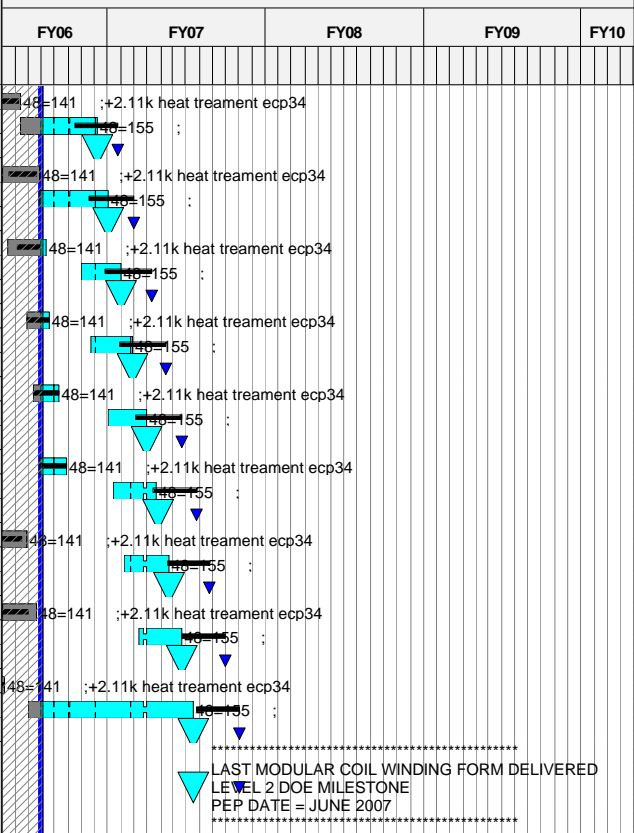
Run Date 17MAY06 12:45

█ Forecast
█ zECP-43 baseline
█ Progress Bar
█ Critical Activity

0604 **NCSX** Sheet 14 of 42
Progress Status and Earned Value
Through APRIL 30,2006

ECP-43 Baseline.
Does not reflect all revisions presented at the May Lehman review.

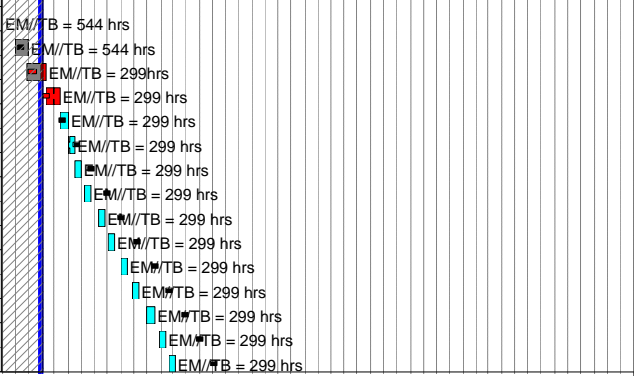
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	FY				
											FY06	FY07	FY08	FY09	FY10
MCWF-381	A4-MTK-casting	15DEC05A	71*	14MAR06A	08MAR06			142,920.00	100	142,710.00					
MCWF-391	A4-MTM - machining/inspection	14MAR06A	123*	05SEP06	24OCT06		187	41,977.50	25	167,910.00					
MCWF-401	A4-Receive at PPPL		0	08SEP06	24OCT06		187	0.00		9,730.00					
MCWF-321	B2-MTK-casting	31JAN06A	64*	28APR06A	17APR06			142,710.00	100	142,710.00					
MCWF-331	B2-MTM - machining/inspection	28APR06A	110*	03OCT06	29NOV06		184	3,358.20	2	167,910.00					
MCWF-341	B2-Receive at PPPL		0	03OCT06	29NOV06		184	0.00		159,450.00					
MCWF-471	B3-MTK-casting	13FEB06A	65*	12MAY06	28APR06		250	107,190.00	75	142,710.00					
MCWF-481	B3-MTM - machining/inspection	01AUG06*	65*	31OCT06	11JAN07		196	0.00		167,910.00					
MCWF-491	B3-Receive at PPPL		0	31OCT06	11JAN07		196	0.00		21,780.00					
MCWF-501	B4-MTK-casting	28MAR06A	39*	19MAY06	19MAY06		259	92,898.00	65	142,710.00					
MCWF-511	B4-MTM - machining/inspection	25AUG06*	65	28NOV06	14FEB07		192	0.00		167,910.00					
MCWF-521	B4-Receive at PPPL		0	28NOV06	14FEB07		192	0.00		0.00					
MCWF-531	B5-MTK-casting	13APR06A	41*	09JUN06	09JUN06		277	78,606.00	55	142,710.00					
MCWF-541	B5-MTM - machining/inspection	02OCT06*	65	29DEC06	20MAR07		206	0.00		167,910.00					
MCWF-551	B5-Receive at PPPL		0	29DEC06	20MAR07		206	0.00		0.00					
MCWF-561	B6-MTK-casting	28APR06A	44*	29JUN06	29JUN06		274	71,460.00	50	142,710.00					
MCWF-571	B6-MTM - machining/inspection	13OCT06*	65	23JAN07	23APR07		201	0.00		167,910.00					
MCWF-581	B6-Receive at PPPL		0	26JAN07	23APR07		201	0.00		0.00					
MCWF-411	A5-MTK-casting	13JAN06A	45*	29MAR06A	17MAR06			142,920.00	100	142,710.00					
MCWF-421	A5-MTM - machining/inspection	10NOV06*	65	20FEB07	25MAY07		216	0.00		167,910.00					
MCWF-431	A5-Receive at PPPL		0	20FEB07	25MAY07		216	0.00		0.00					
MCWF-441	A6-MTK-casting	31JAN06A	64*	20APR06A	31MAR06			142,710.00	100	142,710.00					
MCWF-451	A6-MTM - machining/inspection	12DEC06*	65	20MAR07	29JUN07		210	0.00		167,910.00					
MCWF-461	A6-Receive at PPPL		0	20MAR07	29JUN07		210	0.00		0.00					
MCWF-291	C6-MTK-casting	16JUN05A	155*	03FEB06A	03FEB06			142,920.00	100	142,710.00					
MCWF-301	C6-MTM - machining/inspection	03APR06A	261*	17APR07	03AUG07		227	33,582.00	20	167,910.00					
MCWF-311	C6-Receive at PPPL		0	17APR07	03AUG07		227	0.00		0.00					
C-501B1	Last MCWF Delivered		0	17APR07	03AUG07		615	0.00		0.00					



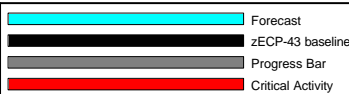
Job: 1451 - Mod Coil Winding-CHRZANOWSKI

Station 1 Prep casing & Install Cladding

C1RW	C1 rework	03OCT05A	5	07OCT05A	07OCT05	1		46,663.50	100	45,808.88					
C2RW	C1 rework	01MAY06*	43	29JUN06		1	813	0.00	100	0.00					
1451TRAIN	Training for winding teams	25JUL05A	3	29JUL05A	29JUL05A			0.00	100	0.00					
P1-001	Rec C1, Prep& Instl Cladding>>@125% 1 shift	10OCT05A	23	24OCT05A	24OCT05	1		54,727.68	100	52,402.56					
P1-091	Receive C2, Prep& Instl Cladding	19DEC05A	26*	26JAN06A	26JAN06	1		44,303.36	100	44,303.36					
P2-091	Receive C3, Prep& Instl Cladding	03MAR06A	16	31MAR06A	20MAR06	1		44,303.36	100	44,303.36					
P3-091	Receive C4, Prep& Instl Cladding	28MAR06A	32*	10MAY06	17APR06	1	134	16,314.88	67	24,350.56					
P1-121	Receive C5, Prep& Instl Cladding	11MAY06	24	14JUN06	19MAY06	1	134	0.00		24,350.56					
P2-001	Receive A1, Prep& Instl Cladding	15JUN06	12	30JUN06	23JUN06	2	154	0.00		24,350.56					
P3-001	Receive A2, Prep& Instl Cladding	03JUL06	11	18JUL06	28JUL06	2	157	0.00		24,350.56					
P3-031	Receive A3, Prep& Instl Cladding	19JUL06	11	02AUG06	31AUG06	2	178	0.00		24,350.56					
P1-031	Receive B1, Prep& Instl Cladding	09AUG06	12	24AUG06	05OCT06	2	176	0.00		24,683.42					
P3-121	Receive A4, Prep& Instl Cladding	11SEP06	11	25SEP06	08NOV06	2	187	0.00		24,882.78					
P2-121	Receive B2, Prep& Instl Cladding	04OCT06	11	18OCT06	14DEC06	2	184	0.00		24,882.78					
P2-061	Receive B3, Prep& Instl Cladding	01NOV06	11	15NOV06	26JAN07	2	196	0.00		24,882.78					
P2-151	Receive B4, Prep& Instl Cladding	29NOV06	11	13DEC06	01MAR07	2	192	0.00		24,882.78					
P3-061	Receive B5, Prep& Instl Cladding	02JAN07	11	16JAN07	04APR07	2	206	0.00		24,882.78					
P3-151	Receive B6, Prep& Instl Cladding	29JAN07	11	12FEB07	08MAY07	2	201	0.00		24,882.78					
P1-061	Receive A5, Prep& Instl Cladding	21FEB07	11	07MAR07	12JUN07	2	216	0.00		24,882.78					



Run Date 17MAY06 12:45

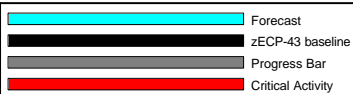


0604 NCSX Sheet 15 of 42
Progress Status and Earned Value
Through APRIL 30,2006

ECP-43 Baseline.
Does not reflect all revisions presented at
the May Lehman review.

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	FY										
											FY06	FY07	FY08	FY09	FY10						
P1-151	Receive A6, Prep& Instl Cladding	21MAR07	11	04APR07	17JUL07	2	210	0.00		24,882.78											
P2-031	Receive C6, Prep& Instl Cladding	18APR07	11	02MAY07	20AUG07	2	227	0.00		24,882.78											
Station 2-Winding, Instl Chill Plates,Tubing,Bag																					
P1-011	Wind coil C1>>@150%	25OCT05A	63'	27JAN06A	27JAN06	2		118,006.56	100	118,006.56											
P1-011J	Complete Winding First Modular Coil		0	19DEC05A	27JAN06	2		0.00	100	0.00											
P1-020	Instl Chill Plates,Tubing, Bag C1>>@150%	31JAN06A	24'	03MAR06A	02MAR06	2		41,371.52	100	41,371.52											
P2-101	Wind coil C-3	31MAR06A	32'	15MAY06	08MAY06	2	140	86,119.54	74	116,377.76											
P2-110	Instl Chill Plates,Tubing,Bag C3	16MAY06	15	06JUN06	24MAY06	2	140	0.00		41,371.52											
P1-131	Wind coil C5	15JUN06	31	28JUL06	14JUL06	2	134	0.00		99,031.04											
P1-140	Instl Chl Plates,Tubing, Bag C5	31JUL06	15	18AUG06	01AUG06	2	134	0.00		34,856.32											
P3-011	Wind coil A2	21AUG06	31	03OCT06	20SEP06	2	134	0.00		99,031.04											
P3-020	Instl Chill Plates,Tubing, Bag A2	04OCT06	15	24OCT06	06OCT06	2	134	0.00		35,173.75											
P1-041	Wind coil B1	25OCT06	31	08DEC06	28NOV06	2	134	0.00		101,195.52											
P2-041JOUL	JOULE FY07 Cmplt winding one-half modular coils		0	08DEC06	28NOV06	2	134	0.00		0.00											
P1-050	Instl Chl Plates,Tubing, Bag B1	11DEC06	15	08JAN07	14DEC06	2	134	0.00		35,618.16											
P1-071	Wind coil B2	09JAN07	31	20FEB07	09FEB07	2	134	0.00		101,195.52											
P1-080	Instl Chl Plates,Tubing,Bag B2	21FEB07	15	13MAR07	27FEB07	2	134	0.00		35,618.16											
P2-161	Wind coil B4	14MAR07	31	25APR07	19APR07	2	134	0.00		101,195.52											
P2-170	Instl Chill Plates,Tubing,Bag B4	26APR07	15	16MAY07	07MAY07	2	134	0.00		35,618.16											
P3-161	Wind coil B6	17MAY07	31	29JUN07	27JUN07	2	134	0.00		101,195.52											
P3-170	Instl Chill Plates,Tubing,Bag B6	02JUL07	15	23JUL07	16JUL07	2	134	0.00		35,618.16											
P1-161	Wind coil A6	24JUL07	31	05SEP07	05SEP07	2	134	0.00		101,195.52											
P1-170	Instl Chill Plates,Tubing,Bag A6	06SEP07	15	26SEP07	21SEP07	2	134	0.00		35,618.16											
Station 4-Winding, Instl Chill Plates,Tubing,Bag																					
P1-101	Wind coil C-2>>@125%	27JAN06A	46'	31MAR06A	15MAR06	2		116,377.76	100	116,377.76											
P1-110	Instl Chill Plates,Tubing,Bag C2>>@125%	01APR06A	26'	08MAY06	05APR06	2	133	29,787.49	72	41,371.52											
P3-101	Wind coil C4 incl cladding on c4 only	11MAY06	34	28JUN06	06JUN06	2	141	0.00		99,031.04											
P3-110	Instl Chill Plates,Tubing, Bag C4	29JUN06	15	20JUL06	22JUN06	2	141	0.00		34,856.32											
P2-011	Wind coil A1	21JUL06	31	01SEP06	14AUG06	2	141	0.00		99,031.04											
P2-020	Instl Chill Plates,Tubing, Bag A1	05SEP06	15	25SEP06	30AUG06	2	141	0.00		34,856.32											
P3-041	Wind coil A3	26SEP06	31	07NOV06	20OCT06	2	141	0.00		99,958.67											
P3-050	Instl Chl Plates,Tubing, Bag A3	08NOV06	15	30NOV06	07NOV06	2	141	0.00		35,618.16											
P3-131	Wind coil A4	01DEC06	31	22JAN07	08JAN07	2	141	0.00		101,195.52											
P3-140	Instl Chl Plates,Tubing, Bag A4	23JAN07	15	12FEB07	24JAN07	2	141	0.00		35,618.16											
P2-071	Wind coil B3	13FEB07	31	27MAR07	16MAR07	2	141	0.00		101,195.52											
P2-080	Instl Chill Plates,Tubing,Bag B3	28MAR07	15	17APR07	03APR07	2	141	0.00		35,618.16											
P3-071	Wind coil B5	23APR07	31	05JUN07	23MAY07	2	138	0.00		101,195.52											
P3-080	Instl Chill Plates,Tubing,Bag B5	06JUN07	15	26JUN07	11JUN07	2	138	0.00		35,618.16											
P2-131	Wind coil A5	27JUN07	31	09AUG07	01AUG07	2	138	0.00		101,195.52											
P2-140	Instl Chl Plates,Tubing, Bag A5	10AUG07	15	30AUG07	17AUG07	2	138	0.00		35,618.16											
P2-041	Wind coil C6	31AUG07	31	15OCT07	09OCT07	2	144	0.00		101,740.29											
P2-050	Instl Chl Plates,Tubing, Bag C6	16OCT07	15	05NOV07	25OCT07	2	144	0.00		36,576.88											
Station 5-VPI																					
P1-021V	VPI (Station 5) C1	06MAR06A	6'	13MAR06A	20MAR06	2		26,712.32	100	26,712.32											
P1-111V	VPI (Station 5) C2	09MAY06	9	17MAY06	21APR06	1	378	0.00		26,712.32											
P1-111VCU	Post VPI Cleanup	18MAY06	7	26MAY06		1	258	0.00		0.00											
P2-111V	VPI (Station 5) C3	07JUN06	9	15JUN06	12JUN06	1	367	0.00		26,712.32											

Run Date 17MAY06 12:45



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Progress Status and Earned Value Through APRIL 30,2006

ECP-43 Baseline.
Does not reflect all revisions presented at the May Lehman review.

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year				
											FY06	FY07	FY08	FY09	FY10
P2-111VCU	Post VPI Cleanup	16JUN06	7	26JUN06		1	250	0.00		0.00					
P3-111V	VPI (Station 5) C4	21JUL06	9	29JUL06	11JUL06	1	341	0.00		26,712.32					
P3-111VCU	Post VPI Cleanup	31JUL06	7	08AUG06		1	233	0.00		0.00					
P1-141V	VPI (Station 5) C5	19AUG06	9	27AUG06	17AUG06	1	332	0.00		26,712.32					
P1-141VCU	Post VPI Cleanup	28AUG06	7	06SEP06		1	227	0.00		0.00					
P2-021V	VPI (Station 5) A1	26SEP06	9	04OCT06	18SEP06	1	312	0.00		26,712.32					
P2-021VCU	Post VPI Cleanup	05OCT06	7	13OCT06		1	212	0.00		0.00					
P3-021V	VPI (Station 5) A2	25OCT06	9	02NOV06	24OCT06	1	301	0.00		27,296.16					
P3-021VCU	Post VPI Cleanup	03NOV06	7	13NOV06		1	205	0.00		0.00					
P3-051V	VPI (Station 5) A3	01DEC06	9	09DEC06	27NOV06	1	285	0.00		27,296.16					
P3-051VCU	Post VPI Cleanup	11DEC06	7	19DEC06		1	195	0.00		0.00					
P1-051V	VPI (Station 5) B1	09JAN07	9	17JAN07	09JAN07	1	266	0.00		27,296.16					
P1-051VCU	Post VPI Cleanup	18JAN07	7	26JAN07		1	187	0.00		0.00					
P3-141V	VPI (Station 5) A4	13FEB07	9	21FEB07	09FEB07	1	249	0.00		27,296.16					
P3-141VCU	Post VPI Cleanup	22FEB07	7	02MAR07		1	174	0.00		0.00					
P2-141V	VPI (Station 5) B2	14MAR07	9	22MAR07	15MAR07	1	238	0.00		27,296.16					
P2-141VCU	Post VPI Cleanup	23MAR07	7	02APR07		1	192	0.00		0.00					
P2-081V	VPI (Station 5) B3	18APR07	9	26APR07	19APR07	1	269	0.00		23,218.38					
P2-081VCU	Post VPI Cleanup	27APR07	7	07MAY07		1	179	0.00		0.00					
P3-081V	VPI (Station 5) B4	17MAY07	9	25MAY07	23MAY07	1	258	0.00		23,218.38					
P3-081VCU	Post VPI Cleanup	29MAY07	7	06JUN07		1	172	0.00		0.00					
P2-171V	VPI (Station 5) B5	27JUN07	9	05JUL07	27JUN07	1	237	0.00		23,218.38					
P2-171VCU	Post VPI Cleanup	06JUL07	7	16JUL07		1	159	0.00		0.00					
P3-171V	VPI (Station 5) B6	24JUL07	9	01AUG07	01AUG07	1	228	0.00		23,218.38					
P3-171VCU	Post VPI Cleanup	02AUG07	7	10AUG07		1	152	0.00		0.00					
P1-081V	VPI (Station 5) A5	31AUG07	9	08SEP07	05SEP07	1	208	0.00		27,296.16					
P1-081VCU	Post VPI Cleanup	10SEP07	7	18SEP07		1	140	0.00		0.00					
P1-171V	VPI (Station 5) A6	27SEP07	9	05OCT07	09OCT07	1	201	0.00		23,582.94					
P1-171VCU	Post VPI Cleanup	08OCT07	7	16OCT07		1	158	0.00		0.00					
P2-051V	VPI (Station 5) C6	06NOV07	9	14NOV07	12NOV07	1	214	0.00		23,843.34					
P2-051VCU	Post VPI Cleanup	15NOV07	7	23NOV07		1	460	0.00		0.00					
Station 1B Final Clamp Installation															
P1-021C	Final Clamps & Warm Test (Station1) C1	14MAR06A	5	28MAR06A	31MAR06*	1		12,378.88	100	12,378.88					
P1-021.1	Complete First Mod Coil Fabrication C1		0	28MAR06A	31MAR06	1				0.00					
											<p>EM/TB = 152 hrs</p> <p>COMPLETE FIRST MODULAR COIL FABRICATION DOE LEVEL 2 MILESTONE PEP DATE = MARCH 2006</p>				
P1-111C	Final Clamps & Warm Test (Station1) C2	03JUL06	8	13JUL06	04MAY06	1	274	0.00		12,378.88					
P2-111C	Final Clamps & Warm Test (Station1) C3	19JUL06	8	28JUL06	23JUN06	1	271	0.00		12,378.88					
P3-111C	Final Clamps & Warm Test (Station1) C4	31JUL06	8	09AUG06	24JUL06	1	271	0.00		9,772.80					
P1-141C	Final Clamps & Warm Test (Station1) C5	28AUG06	8	07SEP06	30AUG06	1	259	0.00		9,772.80					
P2-021C	Final Clamps & Warm Test (Station1) A1	05OCT06	8	16OCT06	29SEP06	1	240	0.00		9,772.80					
P3-021C	Final Clamps & Warm Test (Station1) A2	03NOV06	8	14NOV06	06NOV06	1	227	0.00		9,986.40					
P3-051C	Final Clamps & Warm Test (Station1) A3	11DEC06	8	20DEC06	08DEC06	1	211	0.00		9,986.40					
P1-051C	Final Clamps & Warm Test (Station1) B1	18JAN07	8	29JAN07	22JAN07	1	197	0.00		9,986.40					
P3-141C	Final Clamps & Warm Test (Station1) A4	22FEB07	8	05MAR07	22FEB07	1	180	0.00		9,986.40					
P2-141C	Final Clamps & Warm Test (Station1) B2	23MAR07	8	03APR07	28MAR07	1	167	0.00		9,986.40					
P2-081C	Final Clamps & Warm Test (Station1) B3	27APR07	8	08MAY07	02MAY07	1	207	0.00		9,986.40					
P3-081C	Final Clamps & Warm Test (Station1) B4	29MAY07	8	07JUN07	06JUN07	1	194	0.00		9,986.40					
P3-171C	Final Clamps & Warm Test (Station1) B5	06JUL07	8	17JUL07	11JUL07	1	175	0.00		9,986.40					
P2-171C	Final Clamps & Warm Test (Station1) B6	02AUG07	8	13AUG07	14AUG07	1	164	0.00		9,986.40					
P1-081C	Final Clamps & Warm Test (Station1) A5	10SEP07	8	19SEP07	18SEP07	1	146	0.00		9,986.40					

Run Date 17MAY06 12:45

█ Forecast
█ zECP-43 baseline
█ Progress Bar
█ Critical Activity

0604 NCSX Sheet 17 of 42
Progress Status and Earned Value Through APRIL 30,2006

ECP-43 Baseline.
 Does not reflect all revisions presented at the May Lehman review.

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year						
											FY06	FY07	FY08	FY09	FY10		
P1-171C	Final Clamps & Warm Test (Station1) A6	08OCT07	8	17OCT07	22OCT07	1	134	0.00		10,255.20							
P2-051C	Final Clamps & Warm Test (Station1) C6	15NOV07	8	26NOV07	23NOV07	1	142	0.00		10,255.20							
LOE Oversight & Supervision																	
171-000	Winding Preparations (LOE) FY05	01AUG05A	49'	30SEP05A	30SEP05A					53,382.29							
171-040	Winding Oversight (LOE)	10OCT05A	506'	17OCT07	19OCT07*		487	177,967.66	LOE	656,802.64							
171-041	Tech Supervision	10OCT05A	506'	17OCT07	19OCT07*		487	83,381.00	LOE	307,723.60							
TITLE3W	Titel III Design ORNL- Component Fab & WINDING	10OCT05A	512'	25OCT07	25OCT07		481	52,556.08	LOE	196,084.05							
SSD-ST2	Second shift cost differential	25OCT05A	477'	21SEP07	21SEP07		505	8,448.00	LOE	32,000.00							
SSD-ST3	Second shift cost differential	27JAN06A	441'	25OCT07	25OCT07		481	4,800.00	LOE	32,000.00							
FY05CV-25	FY05 unrecoverable cost variance	01OCT04A	251'	30SEP05A	30SEP05A					81,000.00							
Job: 1414 Coil Testing-Gettelfinger																	
Twisted Racetrack Hardware Fabrication																	
1409-141	Modify Cryostat for TRC	01APR05A	107'	31AUG05A	31AUG05A			11,923.20	100	11,923.20							
1406-020	Begin Testing of Twisted RT in Coil test Stand	31AUG05A	0					0.00	100	0.00							
1406-021	Test Coil	10AUG05A	37'	30SEP05A	30SEP05A			30,844.24	100	30,844.24							
1406-023	Hi-pot & Dissect Coil	03OCT05A	0'	31OCT05A	31OCT05			26,060.80	100	26,060.80							
Production Modular Coils																	
1409-130	Production Cryostat Design	26SEP05A	26'	31OCT05A	31OCT05			6,839.71	100	6,839.71							
1409-135	Production Cryostat Fabr & Install	31JAN06A	71'	28APR06A	01FEB06			35,291.60	100	35,291.60							
1409-136	Valve/pump repairs&safety mods to cryo pp sys	01DEC05A	38'	31JAN06A	31JAN06			23,871.20	100	23,871.20							
1409-199	ACC review		0	28APR06*	01FEB06		849	0.00		0.00							
162-100	Kickless cable testing	01FEB06A	11'	08MAR06A				0.00	100	0.00							
P1-021	Test Coil (Coil Test Stand) C1	01MAY06	7	09MAY06	11APR06		849	0.00		30,321.24							
P2-021	Test Coil (Coil Test Stand) A1	17OCT06	7	25OCT06	10OCT06		731	0.00		23,237.70							
P1-051	Test Coil (Coil Test Stand) B1	30JAN07	7	07FEB07	31JAN07		664	0.00		18,967.19							
FY05CV-19	FY05 unrecoverable cost variance	01OCT04A	251'	30SEP05A	30SEP05A					88,000.00							
Job: 1421-Mod Coil Interface Hardware-WILLIAMSON																	
Coil-to-coil Interface Design																	
1403-11.1	Describe interfaces as part of coil FDR's	01NOV04A	441'	07AUG06	31OCT05		787	29,079.88	90	31,229.25							
1403-16	Assembly bolts, nuts,washers	01OCT04A	454'	15SEP06	30JUN06		171	8,507.44	60	14,153.14							
1403-17	Assembly shims	01OCT04A	454'	15SEP06	30JUN06		171	12,374.46	60	20,586.38							
1403-18	Eccentric ball assembly	08NOV04A	428'	15SEP06	30JUN06		759	16,278.99	60	27,081.60							
1403-19	Top assembly dwgs for mod coil shell	01OCT04A	454'	15SEP06	30JUN06		759	18,561.69	60	30,879.58							
1403-19A	Bladder Details	01JUL05A	268'	15SEP06	30JUN06		171	4,498.26	20	22,460.70							
1403-20	3 coil assembly specification	29SEP06*	40	27NOV06	25SEP06		232	0.00		26,992.00							
1421-100	Submet Requisition for - Assy bolts,nuts,washers	18SEP06*	10	29SEP06	04AUG06		171	0.00		2,699.20							
1421-105	Procurement lead time for-Assty bolts,nuts,washer	02OCT06	40	28NOV06	29SEP06		171	0.00		0.00							
1421-110	Deliver - Assy bolts,nuts,washers	29NOV06	60	28FEB07	03JAN07		171	0.00		449,000.00							
1421-200	Submet Requisition for - Assembly shims	18SEP06*	10	29SEP06	04AUG06		171	0.00		2,699.20							
1421-205	Procurement lead time for - Assembly shims	02OCT06	40	28NOV06	29SEP06		171	0.00		0.00							
1421-210	Deliver - Assembly shims	29NOV06	60	28FEB07	03JAN07		171	0.00		138,000.00							

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■ Forecast
■ zECP-43 baseline
■ Progress Bar
■ Critical Activity

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Progress Status and Earned Value Through APRIL 30,2006

ECP-43 Baseline. Does not reflect all revisions presented at the May Lehman review.

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year				
											FY06	FY07	FY08	FY09	FY10
1421-400	Submit Requisition for - Bladders	18SEP06*	10	29SEP06	04AUG06		171	0.00		2,699.20					
1421-405	Procurement lead time for - Bladders	02OCT06	40	28NOV06	29SEP06		171	0.00		0.00					
1421-410	Deliver - Bladders	29NOV06	60	28FEB07	03JAN07		171	0.00		60,000.00					

15 - Structures

Job: 1501 - Structures Design- DAHLGREN

PDR/PBR Task List

1501-105	Project PDR	07OCT03A	1	07OCT03A	07OCT03A			0.00	100	0.00
1501-109	Prepare FY 04 WP/WAF	31OCT03A	20	31OCT03A	31OCT03A			12,360.00	100	12,360.00
1501-113	Prepare PBR documentation	04NOV03A	10	18NOV03A	18NOV03A			6,180.00	100	6,180.00
1501-117	Performance baseline review		0	18NOV03A	18NOV03A			0.00	100	0.00

Reqmnts, Configuration, Interfaces and PDR

1501-125	Update drawings & models based on vendor recomm	21OCT03A	30	26NOV03A	26NOV03A			10,660.50	100	10,660.50
1501-133	Prepare a "scope sheet" which defines all interf	03NOV03A	124	30SEP04A	30SEP04A			5,407.50	LOE	5,407.50

1501-001	Prelim Design Structures	01JUL05A	110*	30SEP05A				45,443.75	100	0.00
1501-201	Write ICD's **ALL WORK ON HOLD UNTIL FY07***	02OCT06*	5	06OCT06			160	0.00		0.00
1501-205	Update Design/models	02OCT06*	15	20OCT06			165	0.00		0.00
1501-209	Prepare SRD	09OCT06	20	03NOV06			160	0.00		0.00
1501-213	Approve ICD's	09OCT06	20	03NOV06			170	0.00		0.00
1501-217	Update stress analysis	23OCT06	15	10NOV06			165	0.00		0.00
1501-221	approve SRD	06NOV06	10	17NOV06			160	0.00		0.00
1501-225	Write prelim purchase spec	06NOV06	10	17NOV06			160	0.00		0.00
1501-229	Create Prelim Assemblies	23OCT06	5	27OCT06			175	0.00		0.00
1501-233	PDR Preparation	20NOV06	5	28NOV06			160	0.00		0.00
1501-PDR	PDR		0	28NOV06	03APR06		160	0.00		0.00
1501-241	Write final purchase spec	29NOV06	10	12DEC06			180	0.00		0.00
1501-246	Update Models	29NOV06	10	12DEC06			160	0.00		0.00
1501-249	Update Analysis	13DEC06	15	10JAN07			175	0.00		0.00
1501-253	Prep Final Drawings	13DEC06	30	31JAN07			160	0.00		0.00
1501-257	Detailed Hardware Analysis	13DEC06	10	03JAN07			180	0.00		0.00
1501-261	Write Statement of work	13DEC06	10	03JAN07			180	0.00		0.00
1501-265	Approve Purchase Spec	13DEC06	10	03JAN07			190	0.00		0.00
1501-269	Check Analysis	11JAN07	10	24JAN07			175	0.00		0.00
1501-273	Approve SOW	04JAN07	10	17JAN07			180	0.00		0.00
1501-277	Prep Assy Dwgs	01FEB07	10	14FEB07			160	0.00		0.00
1501-281	Prep for FDR	15FEB07	5	21FEB07			160	0.00		0.00
1501-FDR	FDR		0	21FEB07	30JUN06		160	0.00		0.00

Job: 1550 - Structures Procurement - DAHLGREN

1501-245	Prep Spec, Solicit Bids, and Evaluate Bids	13NOV06	65	21FEB07	02OCT06		160	0.00		0.00
162-036.9	Award Coil Support Structure		0	21FEB07*	02OCT06*		160	0.00		0.00
162-037	WBS 151 Coil Support Struc Procurement [A/1]	22FEB07	249	21FEB08	01OCT07		160	0.00		1,013,788.47
162-031	Title III engr WBS 151	22FEB07	249	21FEB08	01OCT07		405	0.00		153,878.32
153.037	WBS 153 Support Structure I&C Procurement/Fab	22FEB07*	249	21FEB08	01OCT07		405	0.00		9,022.42
153.015	Title III design WBS 153 local&C	22FEB07*	249	21FEB08	01OCT07		405	0.00		1,048.11

16 - Coil Services

Job: 1601 - Coil Services Design-WILLIAMSON

161 - LN2 Distribution

191-001	Title I design WBS 161 LN2 manifolds&pipng	02OCT06*	65	10JAN07	10JAN07		294	0.00		57,375.70
191-011	Title II design WBS 161 LN2 manifolds&pipng	11JAN07	60	04APR07	04APR07		294	0.00		114,923.30

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EA/EM =80hr ; ORNLEM =281hr ;

Run Date 17MAY06 12:45

Forecast
zECP-43 baseline
Progress Bar
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Progress Status and Earned Value
Through APRIL 30,2006

ECP-43 Baseline.

Does not reflect all revisions presented at
the May Lehman review.

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year					
											FY06	FY07	FY08	FY09	FY10	
191-031	Title III engr WBS 161	05APR07	280	16MAY08	15MAY08		344	0.00	16,567.82							
191-037	Procurement WBS 161	05APR07	130	08OCT07	08OCT07		294	0.00	72,677.54							
191-038	PDR#17	09OCT07*	86	18FEB08	15FEB08		408	0.00	62,325.80							
191-041	LN2 Manifolds & ppg Fab/assy/inrstl WBS 161	09OCT07*	62	15JAN08	14JAN08		294	0.00	33,821.56							
191-042	PDR #17,25,3	09OCT07*	65	18JAN08	17JAN08		429	0.00	10,785.36							
162 - Electrical Leads																
132-000	PDR #17 & 25	02OCT06	325	25JAN08	24JAN08		424	0.00	41,396.19							
132-001	Title I design WBS 162 Coil leads	02OCT06*	130	11APR07	11APR07		291	0.00	153,159.10							
132-011	Title II design WBS 162 Coil leads	12APR07	130	15OCT07	15OCT07		291	0.00	153,686.42							
132-015	Title III design WBS 162 Coil leads	16OCT07*	60	18JAN08	17JAN08		429	0.00	18,618.16							
132-037	Coil Leads Procurement WBS 162	16OCT07*	60	18JAN08	17JAN08		291	0.00	314,186.10							
163 - Coil Protection System																
163.001	Title I design WBS 163 Coil protection	02OCT06*	65	10JAN07	10JAN07		644	0.00	42,744.60							
163.011	Title II design WBS 163 Coil protection	11JAN07	40	07MAR07	07MAR07		644	0.00	42,744.60							
17 - Cryostat and Base Support Structure																
Job:1701-Cryostat&Base Sprt Strct Dsn-GETTLEFINGER																
Prior Costs																
1701-001	Apr-Sept MIE Costs PPPL	01APR03A	54	30SEP03A	30SEP03A			12,180.00	100	12,180.00						
FY05CV-27	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			178,000.00		178,000.00						
Base Support																
161-001	Revise Preliminary Design for new supt locations	01APR04A	563*	30JUN06	23DEC05		366	46,258.45	90	50,414.92						
151-003	Base Support Struct PDR		0	30JUN06*	23DEC05*		366	0.00	0.00							
161-011	Final Design Base Support Structure WBS 172	03JUL06	45	05SEP06	05DEC06		366	0.00	66,050.80							
172-199	Base Support Structure FDR		0	05SEP06	05DEC06		366	0.00	0.00							
Cryostat																
151-000	Adv Concep Design Cryostat shell & struct	01DEC03A	103*	31MAR04A	31MAR04A			6,000.00	100	6,000.00						
151-001	Title I design WBS 171 cryostat	01APR04A	270*	29APR05A	29APR05A			125,850.61	100	125,850.61						
151-002	Cryostat PDR		0	29APR05A	29APR05A			0.00	100	0.00						
171-100	Investigate Alt Cryostat Architecture	01DEC05A	38*	31JAN06A				0.00	100	0.00						
171-101	Finalize cryostat penetrations for VV	03JAN06A	0*	31JAN06A				0.00	100	0.00						
171-102	Select gas-filled insulation-all svcs	03JAN06A	84*					0.00	95	0.00						
171-103	Finalize cryo midplane arch	03JAN06A	20*	31JAN06A				0.00	100	0.00						
171-104	Plan WBS 16 interface	22FEB06A	48*					0.00	5	0.00						
151-011	Final Design Cryostat WBS 171	02OCT06*	181*	22JUN07	22JUN07		163	0.00	237,699.79							
171-199	Cryostat FDR		0	22JUN07	22JUN07		163	0.00	0.00							
Job: 1751 - Cryostat Procurement																
171 - Cryostat																
151-031	Title III engr	25JUN07	405	11FEB09	28JAN09		163	0.00	33,260.63							
151-036.8	Prep Spec, Solicit bids, and Select Vendor	25JUN07	65	25SEP07	25SEP07		163	0.00	0.00							
151-036.9	Award Cryostat Procurement		0	01OCT07*	01OCT07*		230	0.00	0.00							
151-037	Cryostat Procurement [A/1]	02OCT07	141	28APR08	25APR08		230	0.00	507,236.35							
Job: 1752 - Base Support Structure Procurement																
172 - Base Support Structure																
161-031	Title III engr WBS 172	06FEB07	240	23JAN08	22JAN08		426	0.00	10,726.43							
161-036.8	Prep Spec, Solicit bids, and Select Vendor	06FEB07*	65	07MAY07	07MAY07		265	0.00	0.00							
161-036.9	Award Machine Base&supports Procurement		0	07MAY07	07MAY07		265	0.00	0.00							
161-037	Machine Base&supports Procurement [A/1]	08MAY07	90	13SEP07	13SEP07		265	0.00	300,678.83							

Run Date 17MAY06 12:45

■ Forecast
■ zECP-43 baseline
■ Progress Bar
■ Critical Activity

0604

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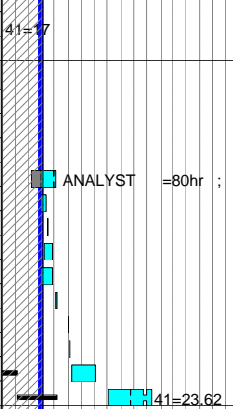
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Progress Status and Earned Value Through APRIL 30,2006

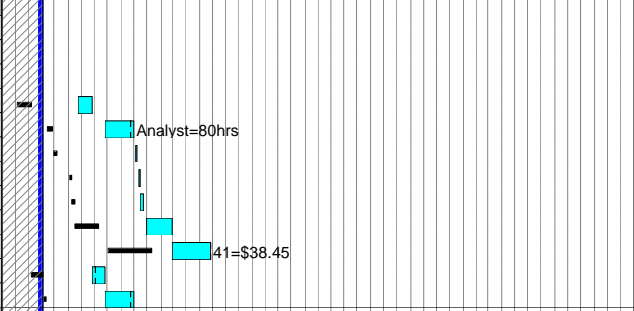
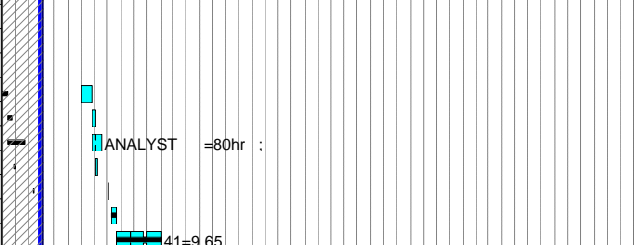
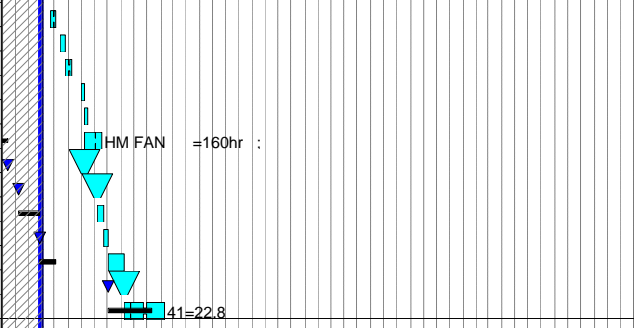
ECP-43 Baseline.

Does not reflect all revisions presented at the May Lehman review.

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year					
											FY06	FY07	FY08	FY09	FY10	
18 - Field Period Assembly																
Job: 1801-Field Period Assly -CHRZANOWSKI (ORNL)																
Prior Costs																
1801-001	Apr-Sept MIE Costs PPPL	01APR03A	42	30SEP03A	30SEP03A			7,750.00	100	7,750.00						
1801-002	Apr-Sept MIE Costs ORNL	01APR03A	42	30SEP03A	30SEP03A			53,050.00	100	53,050.00						
+ Job: 1802 - FP Assy Oversight&Support-VIOLA																
		13OCT03A	1,247	30SEP08	30SEP08		250	550,138.72		1,484,981.24						
Job: 1803- FP Assy Toolg/Constructability-BROWN																
1.00-VV Prep Station																
1803-1.01	Concept definition and requirements	01FEB05A	10	28FEB05A	28FEB05A			16,056.00	100	16,056.00						
1803-1.02	VV Support Fixture - model design& drawing detai	01FEB05A	73	31MAY05A	31MAY05A			13,604.00	100	13,604.00						
1803-1.04	Metrology -sightline layout metrology support	13APR05A	18	31MAY05A	31MAY05A			25,502.00	100	25,502.00						
1803-1.05	Structural / Seismic Analysis check	01FEB05A	86	31MAY05A	31MAY05A			13,220.00	100	13,220.00						
1803-1.06	Design review PDR VV Prep Station	01AUG05A	0	10AUG05A	10AUG05A			1,983.00	100	1,983.00						
1803-1.09	Safety Review documentation / presentation	02SEP05A	10	15SEP05A	15SEP05A			2,644.00	100	2,644.00						
1803-1.061	Design review FDR VV Prep Station	16SEP05A	2	19SEP05A	19SEP05A			1,983.00	100	1,983.00						
1803-1.07	Design check and sign-off	20SEP05A	30	31OCT05A	07OCT05			3,636.96	100	3,551.65						
1803-1.10	Fab / Design Review - follow-up activities	20SEP05A	30	31OCT05A	07OCT05			7,214.11	100	6,980.91						
1803-1.08	Prep & Issue dwgs,and requisition	31OCT05A	5	31OCT05A	07NOV05			0.00	100	0.00						
1803-1.12	PPPL FAB - VV support Fixture (1st)	17OCT05A	77	31JAN06A	05DEC05			23,307.00	100	23,307.00						
1803-1.13	PPPL FAB - VV support Fixture (2nd)	16DEC05A	53	31JAN06A				0.00	100	0.00						
2.00-Half Period Assembly																
1803-2.01	Concept definition and requirements	03JAN05A	52	28FEB05A	28FEB05A			16,056.00	100	16,056.00						
1803-2.02	MC Holding Fixture - model design and drawing	01FEB05A	79	29APR05A	29APR05A			21,728.00	100	21,728.00						
1803-2.04	Metrology - sightline layout design details metr	01AUG05A	77	30SEP05A	30SEP05A			15,209.60	100	15,209.60						
1803-2.05	Structural / Seismic Analysis	10APR06A	38	01JUN06	21NOV05		833	3,481.20	25	13,924.80						
1803-2.055	Update concept definition and reqmnts	01MAY06*	10	12MAY06				846	0.00	0.00						
1803-2.056	Right side HP support stand	15MAY06*	0	12MAY06				846	0.00	50	0.00					
1803-2.071	Magnetic alignment instrument	08MAY06*	15	26MAY06				836	0.00	25	0.00					
1803-2.072	Machine hole match plate & support	01MAY06*	20	26MAY06				836	0.00	0.00						
1803-2.06	PDR Half Period Assy	05JUN06*	1	05JUN06	07DEC05			225	0.00	0.00						
1803-2.061	FDR Half Period Assy	03JUL06*	1	03JUL06	04JAN06			225	0.00	0.00						
1803-2.08A	Prep & Issue Spec,dwgs,and requisition	05JUL06	3	07JUL06	09JAN06			225	0.00	0.00						
1803-2.08	Procurement Lead Time and Award	10JUL06	40	01SEP06	06MAR06			225	0.00	0.00						
1803-2.11	Fab MC HP Assy Fixtures (1)	02OCT06*	65	10JAN07	06JUN06			206	0.00	31,889.46						
3.00-MC Installation																
1803-3.01	Concept definition and requirements	25OCT04A	5	29OCT04A	29OCT04A			6,610.00	100	6,610.00						
1803-3.02	MC Turning Fixture and base - model design and d	15NOV04A	48	31JAN05A	31JAN05A			1,983.00	100	1,983.00						
1803-3.03	MC Gantry Crane - model design and drawing detai	29NOV04A	40	31JAN05A	31JAN05A			14,265.00	100	14,265.00						
1803-3.04	VV support stand - model design and drawing deta	29NOV04A	104	29APR05A	29APR05A			8,849.00	100	8,849.00						
1803-3.05	Platform - design and drawing details	01FEB05A	7	29APR05A	29APR05A			9,179.50	100	9,179.50						
1803-3.084	Industry Info Meeting	21FEB05A	1	21FEB05A	21FEB05A			0.00	100	0.00						
3.10 MC Turning Fixture-Industry Option																
1803-3.10A	Issue dwgs	02MAY05A	30	31MAY05A	31MAY05A			20,243.80	100	20,243.80						
180303.10A	Issue RFP		0	31MAY05A	31MAY05A			0.00	100	0.00						
1803-3.10C	Proposals Due		0	17JUN05A	17JUN05A			0.00	100	0.00						
1803-3.14	DECISION ON APPROACH		0	31AUG05A	31AUG05A			0.00	100	0.00						
3.20 MC Turning Fixture-Crane Option																
1803-3.30	Develop Crane Design Option	01MAY05A	6	31MAY05A	31MAY05A			0.00	100	0.00						
1803-3.33	Design Equivalent Test Simulation Model	16MAY05A	33	17JUN05A	17JUN05A			6,416.80	100	6,416.80						



Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year											
											FY06	FY07	FY08	FY09	FY10							
1803-3.36	Design Test Track	20JUN05A	7	24JUN05A	24JUN05A			6,416.80	100	6,416.80												
1803-3.39	Fab Test Track	27JUN05A	24	29JUL05A	29JUL05A			56,326.60	100	56,326.60												
1803-3.40	Site Prep	27JUN05A	5	30JUN05A	30JUN05A			0.00	100	0.00												
1803-3.43	Assembly of Test Article	29JUL05A	5	29JUL05A	29JUL05A			11,923.20	100	11,923.20												
1803-3.46	Metrology set-up	29JUL05A	5	29JUL05A	29JUL05A			0.00	100	0.00												
1803-3.49	Run Test	29JUL05A	3	29JUL05A	29JUL05A			11,004.00	100	11,004.00												
1803-3.50	Test Evaluation and Write up	31AUG05A	0	31AUG05A	31AUG05A			2,566.72	100	2,566.72												
1803-3.52	DECISION ON APPROACH		0	31AUG05A	31AUG05A			0.00	100	0.00												
1803-3.15	MC Crane load support sys	22MAY06*	9	02JUN06	11NOV05		812	0.00	50	0.00												
1803-3.60	Laser Screen Guide Mods	13JUN06*	10	26JUN06	23NOV05		806	0.00	50	0.00												
1803-3.62	VV support stand and misc fixtures	27JUN06*	10	11JUL06	09DEC05		806	0.00	75	0.00												
1803-3.64	Mechanical screw drive system	02AUG06*	5	08AUG06	06JAN06		781	0.00		0.00												
1803-3.66	Metrology layout	09AUG06	5	15AUG06	20JAN06		781	0.00		0.00												
1803-3.07	Structural analysis Analysis	09AUG06*	29	19SEP06	10FEB06		757	0.00		27,849.60												
1803-3.15B	PDR Turning fixture & Base		0	09AUG06*	10FEB06*		785	0.00		0.00												
1803-3.15E	FDR Turning fixture & Base		0	06SEP06*	08MAR06*		241	0.00		0.00												
1803-3.07A	Issue drawing package	07SEP06*	10	20SEP06	26APR06		241	0.00		0.00												
1803-3.08A	Issue RFP	21SEP06	10	04OCT06	26APR06		241	0.00		0.00												
1803-3.08B	Recieve & Evaluate Bids	05OCT06	25	08NOV06	01JUN06		241	0.00		0.00												
1803-3.15D	Award Fabrication Contract		0	08NOV06	02OCT06*		241	0.00		0.00												
1803-3.15C	Fab Crane Support & Laser screens	09NOV06	58	08FEB07	11JAN07		241	0.00		31,258.80												
4.00-TF HP Assembly																						
1803-4.01	Concept definition and requirements	01MAR05A	5	28MAR05A	28MAR05A			10,704.00	100	10,704.00												
1803-4.03	TF HP support turning fixture - model design d	01APR05A	15	30JUN05A	30JUN05A			14,265.00	100	14,265.00												
1803-5.002	TF Rotation Fixture plus dwgs start	02MAY05A	129	30SEP05A	30SEP05A			32,592.00	100	32,592.00												
1803-4.06	TF support and rotation fixture	31JUL06*	20	25AUG06	10FEB06		333	0.00		0.00												
1803-4.06A	Metrology layout	28AUG06*	5	01SEP06	24FEB06		342	0.00		0.00												
1803-4.07	Structural Analysis	28AUG06*	15	18SEP06	24MAR06		333	0.00		13,924.80												
1803-4.08	PDR Final FP Assy	05SEP06	1	05SEP06*	28FEB06*		342	0.00		0.00												
1803-4.081	FDR Final FP Assy	02OCT06	1	02OCT06*	11APR06*		324	0.00		0.00												
1803-4.10A	Prep & Issue Spec,dwgs,and req-pltfm&sprts	09OCT06*	10	20OCT06	20OCT06		320	0.00		0.00												
1803-4.13	FAB-TF Support Stands (1)	23OCT06	65	31JAN07	31JAN07		320	0.00		13,230.15												
5.00-Final FP Assembly																						
1803-4.02	MC Support Stand - model design and drawing deta	01APR05A	89	31MAY05A	31MAY05A			14,265.00	100	14,265.00												
1803-5.001	Concept definition and requirements	02MAY05A	10	31MAY05A	31MAY05A			10,704.00	100	10,704.00												
1803-4.04	FP Assembly platform - model design drawing det	01AUG05A	65	30SEP05A	30SEP05A			21,397.50	100	21,397.50												
1803-5.003	MC support stand	24JUL06*	25	25AUG06	07APR06		220	0.00		0.00												
1803-5.004	Structural Analysis	26SEP06*	47	01DEC06	26MAY06		220	0.00		13,924.80												
1803-5.005	PDR	04DEC06	5	08DEC06*	05JUN06*		220	0.00		0.00												
1803-5.006	FDR	11DEC06	5	15DEC06*	11JUL06*		220	0.00		0.00												
1803-5.007	Pre & Issue Specs and Dwgs	18DEC06	5	22DEC06	18JUL06		220	0.00		0.00												
1803-5.008	Procurement Lead Time	02JAN07	40	26FEB07	12SEP06		220	0.00		0.00												
1803-5.009	Fabricate	27FEB07*	65	29MAY07	10JAN07		220	0.00		52,714.95												
1803-5.100	FP Assy Platform	28AUG06*	20	25SEP06	05MAY06		220	0.00		0.00												
1803-5.200	Metrology layout/support stand dwgs	26SEP06	45	29NOV06	12MAY06		222	0.00		0.00												
6.00-Interface/Test Activities																						
1803-5.01	Finalize TFTR test cell FPA assembly layout draw	01JUN05A	42	29JUL05A	29JUL05A			9,066.40		9,066.40												
1803-5.03	Design MC assy test components	01JUN05A	25	30JUN05A	30JUN05A			32,112.00	100	32,112.00												
1803-5.04	Fab - Test Articles	01JUL05A	65	30SEP05A	30SEP05A			19,215.00	100	19,215.00												
1803-5.02A	Generate as built spherical seat dwg	01MAY06*	0	28APR06	15NOV05		378	0.00		0.00												
1803-5.05	Run test/metrology measurements	01MAY06*	0	28APR06	08DEC05		856	0.00		0.00												
1803-5.02	TFTR Test Cell FPA arrgmt dwg	05JUN06*	15	23JUN06	23JUN06		817	0.00		0.00												



Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year					
											FY06	FY07	FY08	FY09	FY10	
7.00-Oversight																
1803-7.01	Meetings Prep and Reporting	01NOV04A	230*	30SEP05A	30SEP05A			114,037.05	LOE	114,037.05						
1803-7.02	Develop and maintain concept definition document	01NOV04A	230*	30SEP05A	30SEP05A			9,915.00	LOE	9,915.00						
1803-7.03	Develop and maintain assembly plan document	01NOV04A	349*	30SEP05A	30SEP05A			9,254.00	LOE	9,254.00						
1803-7.04	Mike Cole's FY05 on-site involvement in assembly	01NOV04A	230*	30SEP05A	30SEP05A			24,800.00	LOE	24,800.00						
1803-7.10	Tom Brown Engineering	03OCT05A	249*	29SEP06	29SEP06		749	107,945.05	LOE	189,377.28						
1803-7.20	Design Activity	03OCT05A	249*	29SEP06	29SEP06		749	85,499.91	LOE	149,999.85						
Tooling Design & Fabrication																
713A.040	General procurements	02OCT06*	498	29SEP08	26SEP08		251	0.00		10,410.00						
713A.050	Welding tools, materials & equip	02OCT06*	498	29SEP08	26SEP08		251	0.00		10,410.00						
713A.060	Instl He gas piping from NSTX to D-site to NOT R	02OCT06*	65	10JAN07	10JAN07		378	0.00		0.00						
FY05CV-29	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			-148,000.00		-148,000.00						

Tom Brown=1088
Designer=1295 (75%)

41=\$7.5k
41=\$7.5k
no longer req'd

Job: 1804-FP Assy Measurement Sys-RAFTOPOULOS

Metrology															
740.010	Final Design Measurement systems	19JAN04A	181*	30SEP04A	30SEP04A			26,000.00	LOE	26,000.00					
740.011	3-D Scanner/Faro Arm FDR		0	30JAN04A	30JAN04A			0.00		0.00					
740.015	Prepare Requisition 3-D scanner & Romer Arm	30JAN04A	10	30JAN04A	30JAN04A			0.00		0.00					
740.030	Deliver 3-D Scanner & Romer Arm	01APR04A	10*	30APR04A	30APR04A			171,990.00	100	171,990.00					
740.030A	Romer Arm Training	06JUL04A	3*	08JUL04A	08JUL04A			0.00	100	0.00					
740.031	Metrology Software Review		0	30JAN04A	30JAN04A			0.00		0.00					
740.032	Prepare Met Software Requisition	30JAN04A	10	30JAN04A	30JAN04A			0.00		0.00					
740.045	Purchase- second Faro Arm PE005330	01OCT04A	102	29OCT04A	29OCT04A			70,455.00	100	70,455.00					
1803-8	Metrology Support (moved from 1803)	01NOV04A	230*	30SEP05A	30SEP05A			101,133.00	LOE	101,133.00					
740.035	Deliver Metrology Software	01MAY06*	1	01MAY06	03OCT05		855	0.00		0.00					
740.100	Romer CMM- spare probes	03JAN06A	65	01AUG06	11JAN06		791	2,056.50	50	4,113.00					
740.105	Romer CMM-Software support&warranty renewal FY06	01OCT05A	249*	29SEP06	02OCT06		749	6,251.76	LOE	10,968.00					
740.106	Romer CMM-Software support&warranty renewal FY07	03OCT06*	249*	01OCT07	01OCT07		499	0.00		10,978.92					
740.107	Romer CMM-Software support&warranty renewal FY07	03OCT07*	248*	30SEP08	30SEP08		250	0.00		11,240.00					
740.108	Romer CMM-Software support&warranty renewal FY07	03OCT08*	248*	30SEP09	30SEP09		0	0.00		11,520.00					
740.110	Romer CMM-Laptop for 2nd arm	01OCT05A	5	31OCT05A	30SEP05			5,484.00	100	0.00					
FY05CV-30	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			68,000.00		68,000.00					

reqmnts TBD

m&s=\$3k

41=\$8

41=\$8

41=\$8

41=\$8

Job:1810 - Field Period Assembly-VIOLA

Prep TFTR TC for Assembly operations																
740.020	Facility Prep	01MAR06A	150*	29SEP06	29SEP06		749	14,378.60	LOE	63,992.08						
S0P0-100	LOE Crane support, fixture setupfor TFTR TC.	01MAY06*	107*	29SEP06	29SEP06		749	0.00		70,282.72						
S0P0-200	LOE Crane support, fixture setupfor TFTR TC.	02OCT06*	249*	28SEP07			500	0.00		0.00						
Stage 1 VV Prep (instl diag & insul)FP#1																
S1P1-101	Receive VV and inspect	31MAY06	1	31MAY06	06JUN06		262	0.00		7,818.24						
S1P1-101A	Prep for mounting on fixture,Instl flanges	01JUN06	3	05JUN06			262	0.00		0.00						
S1P1-102	Mount VV on VV Prep fixture (top side up)	06JUN06	1	06JUN06	07JUN06		262	0.00		977.28						
S1P1-103	Establish metrology setting; align VV base	07JUN06	4	12JUN06	13JUN06		262	0.00		5,863.68						
S1P1-103.1	Layout diagnostic&coolant paths on vsi w/templt	11SEP06	26	16OCT06	18JUL06		200	0.00		38,684.00						
S1P1-104	Install heater tape on vertical ports	17OCT06	4	20OCT06			200	0.00		0.00						
S1P1-105	Verify installation of heater tapes	23OCT06	1	23OCT06			200	0.00		0.00						
S1P1-107	Wind magnetic diagnostic sensors	24OCT06	21	21NOV06	15AUG06		200	0.00		77,368.00						
S1P1-107.1	Loop termination & verification	22NOV06	24	04JAN07	14SEP06		200	0.00		13,030.40						
S1P1-106	Attach studs for coolant lines	05JAN07	12	22JAN07	02OCT06		200	0.00		15,664.96						

em/sm=168;em/tb=392
travel=\$ 6 k

CRANE OPERATOR COVERAGE @ 50% =432hrs

CRANE OPERATOR COVERAGE @ 50% =838hrs

EM//TB =96hr :

EM//TB =12hr :

EM//TB =72hr :

metrology techs=475

EM//TB =396hr :

EM//TB =160hr :

EM//TB =192hr :

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year					
											FY06	FY07	FY08	FY09	FY10	
S1P1-108	Install cooling/htg lines to vac vsl	23JAN07	24	23FEB07	03NOV06		200	0.00		47,934.72						
S1P1-109	Verify Instl of H/C lines,headers,manifolds	26FEB07	5	02MAR07			200	0.00		0.00						
S1P1-110	Install local I&C (incl thermocouples)	05MAR07	7	13MAR07			200	0.00		0.00						
S1P1-111	Verify installation of local I&C	14MAR07	3	16MAR07			200	0.00		0.00						
S1P1-116	Prepare and transfer completed VV to holding are	19MAR07	3	21MAR07	08NOV06		200	0.00		5,991.84						
Stage 1 VV Prep (instl diag & insul)FP#2																
S1P2-101	Receive VV and inspect	26JUL06	1	26JUL06	03AUG06		323	0.00		7,818.24						
S1P2-101A	Prep for mounting on fixture,Instl flanges	27JUL06	3	31JUL06			323	0.00		0.00						
S1P2-102	Mount VV on VV Prep fixture (top side up)	01AUG06	1	01AUG06	04AUG06		323	0.00		977.28						
S1P2-103	Establish metrology setting; align VV base	02AUG06	4	07AUG06	10AUG06		323	0.00		5,863.68						
S1P2-103.1	Layout diagnostic&coolant paths on vessel	08AUG06	26	13SEP06	14SEP06		323	0.00		19,545.60						
S1P2-104	Install heater tape on vertical ports	14SEP06	4	19SEP06			323	0.00		0.00						
S1P2-105	Verify installation of heater tapes	20SEP06	1	20SEP06			323	0.00		0.00						
S1P2-107	Wind magnetic diagnostic sensors	21SEP06	20	18OCT06	12OCT06		323	0.00		9,786.68						
S1P2-107.1	Loop termination & verification	19OCT06	22	17NOV06	13NOV06		323	0.00		13,315.20						
S1P2-106	Attach studs forcoolant lines	20NOV06	12	07DEC06	01DEC06		323	0.00		15,978.24						
S1P2-108	Install cooling/htg lines to vac vsl	08DEC06	24	18JAN07	12JAN07		323	0.00		47,934.72						
S1P2-109	Verify Instl of H/C lines,headers,manifolds	19JAN07	5	25JAN07			323	0.00		0.00						
S1P2-110	Install local I&C (incl thermocouples)	26JAN07	7	05FEB07			323	0.00		0.00						
S1P2-111	Verify installation of local I&C	06FEB07	3	08FEB07			323	0.00		0.00						
S1P2-116	Prepare and transfer completed VV to holding are	09FEB07	3	13FEB07	17JAN07		323	0.00		5,991.84						
Stage 1 VV Prep (instl diag & insul)FP#3																
S1P3-101A	Prep for mounting on fixture,Instl flanges	19MAR07	3	21MAR07			200	0.00		0.00						
S1P3-101	Receive VV and inspect	16AUG06	1	16AUG06	04OCT06		343	0.00		7,946.40						
S1P3-102	Mount VV on VV Prep fixture (top side up)	22MAR07	1	22MAR07	09NOV06		200	0.00		998.64						
S1P3-103	Establish metrology setting; align VV base	23MAR07	4	28MAR07	15NOV06		200	0.00		5,991.84						
S1P3-104	Install heater tape on vertical ports	03MAY07	4	08MAY07			200	0.00		0.00						
S1P3-105	Verify installation of heater tapes	09MAY07	1	09MAY07			200	0.00		0.00						
S1P3-103.1	Layout diagnostic&coolant paths on vessel	29MAR07	25	02MAY07	22DEC06		200	0.00		19,972.80						
S1P3-107	Wind magnetic diagnostic sensors	10MAY07	20	07JUN07	29JAN07		200	0.00		9,819.96						
S1P3-107.1	Loop termination & verification	08JUN07	22	10JUL07	28FEB07		200	0.00		13,315.20						
S1P3-106	Attach studs forcoolant lines	11JUL07	12	26JUL07	16MAR07		200	0.00		15,978.24						
S1P3-109	Verify Instl of H/C lines,headers,manifolds	30AUG07	5	06SEP07			200	0.00		0.00						
S1P3-110	Install local I&C (incl thermocouples)	07SEP07	7	17SEP07			200	0.00		0.00						
S1P3-111	Verify installation of local I&C	18SEP07	3	20SEP07			200	0.00		0.00						
S1P3-108	Install cooling/htg lines to vac vsl	27JUL07	24	29AUG07	19APR07		200	0.00		47,934.72						
S1P3-116	Prepare and transfer completed VV to holding are	21SEP07	3	25SEP07	24APR07		200	0.00		5,991.84						
Spool pieces (3) (spacers)																
S1SP-101	Attachdiagnostics, studs and coolant lines	14FEB07	32	29MAR07	14FEB07		449	0.00		31,956.48						
Stage 2 MC Subassemble & align (6 MC together)																
S2P1-100	Assemble Mod-Coils A1/A2, B1/B2	07MAR07	40	01MAY07	25APR07		167	0.00		73,233.60						
S2P1-200	Assemble Mod-Coils C1/C2	02MAY07	20	30MAY07	23MAY07		167	0.00		73,233.60						
S2P2-100	Assemble Mod-Coils A3/A4, B3/B4	16MAY07	36	06JUL07	28JUN07		215	0.00		73,233.60						
S2P2-200	Assemble Mod-Coils C3/C4	09JUL07	18	01AUG07	24JUL07		215	0.00		73,233.60						
S2P3-100	Assemble Mod-Coils A5/A6, B5/B6	18OCT07	36	10DEC07	13DEC07		134	0.00		75,204.80						
S2P3-200	Assemble Mod-Coils C5/C6	11DEC07	18	14JAN08	17JAN08		134	0.00		75,204.80						
Stage 3 MC Instl (rotate MC over Vsl)-FP#1																
S3P1-000	Begin Assembly of First Field Period Assy	22MAR07	0				212	0.00		0.00						
<p>***** BEGIN ASSEMBLY OF FIRST FIELD PERIOD DOE LEVEL 2 MILESTONE PEP DATE = JULY 2007 *****</p>																
S3P1-101	VV to MC turning fixt base; metr check	22MAR07	2	23MAR07	15JAN07		212	0.00		3,994.56						

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	FY					
											FY06	FY07	FY08	FY09	FY10	
S3P1-101.1	Attach local protective strips to VV&locate sens	26MAR07	2	27MAR07	17JAN07		212	0.00		2,663.04						
S3P1-102	Mount MC on crane; perform metr checks	31MAY07	2	01JUN07	25MAY07		167	0.00		3,994.56						
S3P1-103	Rotate right MC to stand-off position&chk	04JUN07	3	06JUN07	31MAY07		167	0.00		5,991.84						
S3P1-104	Transfer load to sprt sys and recheck position	07JUN07	2	08JUN07	04JUN07		167	0.00		3,994.56						
S3P1-105	Move MC turning fixt; mount MC on crane	11JUN07	1	11JUN07	05JUN07		167	0.00		1,997.28						
S3P1-106	Rotate left MC to stand-off position and check p	12JUN07	2	13JUN07	07JUN07		167	0.00		3,994.56						
S3P1-107	Move left & right MC to final position & measure	14JUN07	2	15JUN07	11JUN07		167	0.00		3,994.56						
S3P1-108	Install shims (as reqd); ream 24 holes	18JUN07	7	26JUN07	20JUN07		167	0.00		23,301.60						
S3P1-109	Bolt together at flange interface.	27JUN07	2	28JUN07	22JUN07		167	0.00		3,994.56						
S3P1-110	Perform final metrology position check	29JUN07	2	02JUL07	26JUN07		167	0.00		2,663.04						
S3P1-110.1	Remove temp interference strips&sensors	03JUL07	1	03JUL07	27JUN07		167	0.00		665.76						
S3P1-111	Secure VV to MC's using temporary supports.	05JUL07	2	06JUL07	29JUN07		167	0.00		3,994.56						
S3P1-112	Prep& xfr completed assembly to Stage 4 area	09JUL07	1	09JUL07	02JUL07		167	0.00		1,997.28						
Stage 3 MC Instl (rotate MC over Vsl)-FP#2																
S3P2-101	Mount VV to MC turning fixt base; metr check	10JUL07	2	11JUL07	04JUL07		221	0.00		3,994.56						
S3P2-101.1	Attach local protective strips to VV&locate sens	12JUL07	2	13JUL07	06JUL07		221	0.00		2,663.04						
S3P2-102	Mount MC on crane; perform metr checks	16JUL07	2	17JUL07	26JUL07		221	0.00		3,994.56						
S3P2-103	Rotate right MC to stand-off position&chk	18JUL07	3	20JUL07	31JUL07		221	0.00		5,991.84						
S3P2-104	Transfer load to supt sys and recheck position	23JUL07	2	24JUL07	02AUG07		221	0.00		3,994.56						
S3P2-105	Move MC turning fixt; mount MC on crane	02AUG07	1	02AUG07	03AUG07		215	0.00		1,997.28						
S3P2-106	Rotate left MC to stand-off position and check p	03AUG07	2	06AUG07	07AUG07		215	0.00		3,994.56						
S3P2-107	Move left & right MC to final position & measure	07AUG07	2	08AUG07	09AUG07		215	0.00		3,994.56						
S3P2-108	Install shims (as reqd); ream 24 holes	09AUG07	7	17AUG07	20AUG07		215	0.00		23,301.60						
S3P2-109	Bolt together at flange interface.	20AUG07	2	21AUG07	22AUG07		215	0.00		3,994.56						
S3P2-110	Perform final metrology position check	24AUG07	2	23AUG07	24AUG07		215	0.00		2,663.04						
S3P2-110.1	Remove temp interference strips&sensors	24AUG07	1	24AUG07	27AUG07		215	0.00		665.76						
S3P2-111	Secure VV to MC's using temporary supports.	27AUG07	2	28AUG07	29AUG07		215	0.00		3,994.56						
S3P2-112	Prep& xfr completed assembly to Stage 4 area	29AUG07	1	29AUG07	30AUG07		215	0.00		1,997.28						
Stage 3 MC Instl (rotate MC over Vsl)-FP#3																
S3P3-101	Mount VV to MC turning fixt base; metr check	26SEP07	2	27SEP07	03SEP07		200	0.00		3,994.56						
S3P3-101.1	Attach local protective strips to VV&locate sens	28SEP07	2	01OCT07	05SEP07		200	0.00		2,663.04						
S3P3-102	Mount MC on crane; perform metr checks	15JAN08	2	16JAN08	21JAN08		134	0.00		4,102.08						
S3P3-103	Rotate right MC to stand-off position&chk	17JAN08	3	21JAN08	24JAN08		134	0.00		6,153.12						
S3P3-104	Transfer load to supt sysand recheck position	22JAN08	2	23JAN08	28JAN08		134	0.00		4,102.08						
S3P3-105	Move MC turning fixt; mount MC on crane	24JAN08	1	24JAN08	29JAN08		134	0.00		2,051.04						
S3P3-106	Rotate left MC to stand-off position and check p	25JAN08	2	28JAN08	31JAN08		134	0.00		4,102.08						
S3P3-107	Move left & right MC to final position & measure	29JAN08	2	30JAN08	04FEB08		134	0.00		4,102.08						
S3P3-108	Install shims (as reqd); ream 24 holes	31JAN08	7	08FEB08	13FEB08		134	0.00		23,928.80						
S3P3-109	Bolt together at flange interface.	11FEB08	2	12FEB08	15FEB08		134	0.00		4,102.08						
S3P3-110	Perform final metrology position check	13FEB08	2	14FEB08	19FEB08		134	0.00		2,734.72						
S3P3-110.1	Remove temp interference strips&sensors	15FEB08	1	15FEB08	20FEB08		134	0.00		683.68						
S3P3-111	Secure VV to MC's using temporary supports.	18FEB08	2	19FEB08	22FEB08		134	0.00		4,102.08						
S3P3-112	Prep& xfr completed assembly to Stage 4 area	20FEB08	1	20FEB08	25FEB08		134	0.00		2,051.04						
Station 4 - TF HP Pre-Assy (bolt 3 TF together)																
184-100	Assemble 3 TF coils&structure -Left-Period #1	27AUG07	15	17SEP07	03MAY07		175	0.00		37,110.40						
184-105	Assemble 3 TF coils&structure -Right -Period #1	18SEP07	10	01OCT07	17MAY07		175	0.00		37,110.40						
184-110	Assemble 3 TF coils&structure -Left-Period #2	02OCT07	10	15OCT07	13JUN07		215	0.00		37,110.40						
184-115	Assemble 3 TF coils&structure -Right -Period #2	18OCT07	10	29OCT07	27JUL07		215	0.00		37,110.40						
184-120	Assemble 3 TF coils&structure -Left -Period #3	30OCT07	10	12NOV07	17OCT07		224	0.00		38,108.80						
184-125	Assemble 3 TF coils&structure -Right -Period #3	22FEB08	10	06MAR08	04DEC07		160	0.00		38,108.80						
Stage 5- Final FP Assy (Instl ports & TF's)FP#1																
S4P1-101	Mount MC/VV assembly to support frame a	10JUL07	2	11JUL07	04JUL07		192	0.00		3,994.56						
S4P1-102	Position and weld all ports to VV	12JUL07	30	22AUG07	15AUG07	2	192	0.00		79,891.20						

Run Date 17MAY06 12:45
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0604 NCSX
Progress Status and Earned Value
Through APRIL 30,2006

Sheet 25 of 42
ECP-43 Baseline.
Does not reflect all revisions presented at
the May Lehman review.

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year					
											FY06	FY07	FY08	FY09	FY10	
19 - Stellarator Core Management and Integration																
Job: 1901 - Stellarator Core Mngt&Integr-NELSON																
Prior Costs																
1901-002	Apr-Sept MIE Costs ORNL	01APR03A	248	30SEP03A	30SEP03A			187,090.00	100	187,090.00						
1901-003	Apr-Sept MIE Costs PPPL	01APR03A	248	30SEP03A	30SEP03A			67,070.00	100	67,070.00						
1901-ECP16	ecp16	01OCT03A	250	30SEP04A	30SEP04A			30,000.00	LOE	30,000.00						
191 - Stellarator Core Management & Oversight																
191-4	LOE-FY04 WBS 191-4 Management Activities	01OCT03A	250	30SEP04A	30SEP04A			101,500.00	LOE	101,500.00						
0191-5	LOE-FY05 WBS 191	01OCT04A	249	30SEP05A	30SEP05A			175,500.00	LOE	175,500.00						
0191-6	LOE-FY06 WBS 191	03OCT05A	249	29SEP06	29SEP06		502	112,731.18	LOE	197,774.00						
0191-6X	LOE-FY07 WBS 191	03OCT06*	247	27SEP07	27SEP07		501	0.00	LOE	201,498.00						
0191-7	LOE-FY08 WBS 191	03OCT07*	247	29SEP08	26SEP08		251	0.00	LOE	99,976.00						
191-8	LOE-FY089 WBS 191	03OCT08*	130	15APR09	02APR09		118	0.00	LOE	51,804.00						
192 - Stellarator Core Integration & Analysis																
192-4	LOE-FY05 WBS 192-4 Design Integration Activities	01OCT03A	250	30SEP04A	30SEP04A			234,660.11	LOE	234,660.11						
192-5	LOE-FY05 WBS 192-5 VV & Coil Services Integr	01OCT03A	250	30SEP04A	30SEP04A			36,676.65	LOE	36,676.65						
192-6	LOE-FY05 WBS 192-6 Integrated Analysis	01OCT03A	271	30SEP04A	30SEP04A			42,333.00	LOE	42,333.00						
192-6.07	Time constant calcs using SPARK	01APR04A	42	28MAY04A	28MAY04A			6,180.00	100	6,180.00						
192-6.08	Indep check time constant calcs using EDDYCUFF	01MAY04A	138	30SEP04A	30SEP04A			10,295.20	100	10,295.20						
192-6.09	Revised VV geometry	02FEB04A	6	27FEB04A	27FEB04A			3,090.00	100	3,090.00						
192-6.10	MC interf during assly, geometry, assly trajecto	02FEB04A	31	27FEB04A	27FEB04A			32,957.60	100	32,957.60						
192-6.11	Range of motion reqts for Assly MC fixture.	02FEB04A	20	27FEB04A	27FEB04A			17,507.60	100	17,507.60						
192-6.12	Final Check & Verification	01MAY04A	6	28MAY04A	28MAY04A			3,708.00	100	3,708.00						
192-6.2	Final Mod Coil Trajectories		0	27FEB04A	27FEB04A			0.00		0.00						
192-6.5	Structural Design criteria		0	28MAY04A	28MAY04A			0.00	100	0.00						
192-6.01	Document coil tolerance and trim coil requiremen	01MAR04A	357	29JUL05A	29JUL05A			19,284.37	100	19,284.37						
192-6.02	Check critical coil tolerance calculations.	01APR04A	207	31JAN05A	31JAN05A			11,098.48	100	11,098.48						
192-6.03	Method for determining current center	01FEB04A	234	30DEC04A	30DEC04A			86,626.35	100	86,626.35						
192-6.06	Coil positions to minimize islands.	02FEB04A	270	28FEB05A	28FEB05A			66,401.76	100	66,401.76						
192-6.031	Demo Method for current center on TRC	18JUN05A	173	28FEB06A	21OCT05			72,473.30	100	70,997.65						
0192-5	LOE-FY05 WBS 192	01OCT04A	249	30SEP05A	30SEP05A			280,350.00	LOE	280,350.00						
0192-6	LOE-FY06 WBS 192	03OCT05A	249	29SEP06	29SEP06		507	178,114.43	LOE	312,481.45						
0192-6X	LOE-FY07 WBS 192	03OCT06*	242	20SEP07	20SEP07		506	0.00	LOE	158,033.60						
0192-7	LOE-FY08 WBS 192	03OCT07*	242	22SEP08	19SEP08		256	0.00	LOE	151,531.40						
0192-99	LOE-FY09	01OCT08*	130	13APR09	31MAR09		120	0.00	LOE	101,860.00						
FY05CV-31	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			9,000.00		9,000.00						
21 - Fueling Systems																
Job: 2101 - Fueling Systems																
ECP 16 October 2004																
21-10	Eng. Work Planning and Design	02JAN07*	65	02APR07	02APR07		227	0.00		6,205.50						
21-15	Design Gas Handling Hardware	03APR07	65	03JUL07	03JUL07		227	0.00		5,240.00						
21-20	Design PLC Controls	03APR07	65	03JUL07	03JUL07		292	0.00		10,353.60						

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year				
											FY06	FY07	FY08	FY09	FY10
21-25	Electrical Drafting for pumping system	03APR07	65	03JUL07	03JUL07		292	0.00		14,203.20					
21-30	Drafting	03APR07	65	03JUL07	03JUL07		292	0.00		9,468.80					
21-35	Eng. Work Planning and Design during fab	05JUL07	65	04OCT07	02OCT07		292	0.00		3,548.94					
21-40	Fabrication/Install Hardware	05JUL07	65	04OCT07	02OCT07		227	0.00		3,933.25					
21-45	Fabrication/Installation	05OCT07	65	16JAN08	14JAN08		227	0.00		23,523.50					
21-55	Install PLC Controls	05OCT07	65	16JAN08	14JAN08		227	0.00		5,316.40					
21-60	Integrated Systems Testing/Eng	05OCT07	65	16JAN08	14JAN08		227	0.00		3,641.60					
21-65	Integrated Systems Testing/Tech Support	17JAN08	45	19MAR08	17MAR08		227	0.00		2,658.20					

EA/DM =120hr ;
EA/DM =80hr ;
Blanchard =20hr ;
EM/SM =30hr ;
41=5\$K ;
EE/SM =40hr ;
Blanchard =20hr ;
EE/SM =20hr ;

22 - Torus Vacuum Pumping Systems

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

Prior Costs

2001-001	Apr-May MIE Cost	01APR03A	43'	30MAY03A	30MAY03A			38,000.00	100	38,000.00
2001-100	PDR Support	01JUN03A	164'	30SEP03A	30SEP03A			25,667.20	LOE	25,667.20

Job: 2201 - Vacuum Pumping Systems

22-25	Eng. Work Planning and Design	01MAY07*	40	26JUN07	26JUN07		224	0.00		28,210.00
22-30	Design PLC based control system	27JUN07	50	06SEP07	04SEP07		264	0.00		41,414.40
22-35	Electrical Drafting for pumping system	27JUN07	50	06SEP07	04SEP07		284	0.00		24,855.60
22-40	Drafting	27JUN07	50	06SEP07	04SEP07		224	0.00		18,937.60
22-45	Eng. Work Planning and Design during fab	07SEP07	40	01NOV07	30OCT07		244	0.00		16,193.61
22-50	Perform maint. & repair of pmpg sys	07SEP07	40	01NOV07	30OCT07		224	0.00		10,634.88
22-55	Repair and Calibration of vac instrumentation	02NOV07	60	06FEB08	04FEB08		244	0.00		10,761.60
22-60	Fabrication/installation	02NOV07	80	05MAR08	03MAR08		224	0.00		125,323.80
22-65	Fab PLC conrols	02NOV07	80	05MAR08	03MAR08		224	0.00		66,225.60
22-70	Integrated Systems Testing/Eng	06MAR08	20	02APR08	31MAR08		224	0.00		7,283.20
22-75	Integrated Systems Testing/Tech Support	06MAR08	20	02APR08	31MAR08		224	0.00		5,316.40

Blanchard =100hr ; EM/SM =80hr ;
EE/SM =320hr ;
EA/DM =210hr ;
EA/DM =160hr ;
Blanchard =90hr ;
EM/SM =80hr ;
EM/SM =80hr ;
EM/SM =450hr ; EM/TB =380hr ;
41=23\$K ;
EE/SM =160hr ; 41=32\$K ;
Blanchard =40hr ;
EE/SM =40hr ;

25 - Neutral Beam Injection System

Job: 2501 - Neutral Beam Refurbishment-STEVENSON

FY04 Work Plan

2501-014	FY04 work accomplished	03NOV03A	227	30JUN04A	30JUN04A			81,334.78		81,334.78
2501-014.1	FY04 work closeout *TBD*	01JUL04A	64'	30SEP04A	30SEP04A			48,614.06	LOE	48,614.06

Prior Costs

2501-001	Apr-Sept MIE Cost	01APR03A	43'	30SEP03A	30SEP03A			123,000.00	100	123,000.00
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Refurbishment**CD-3 deleted scope

25-099	FY04 work accomplished	01MAR04A	846'	30JUN04A	30JUN04A			21,384.62		21,384.62
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Re-Install Beamline**CD-3 deleted scope

25-190.1	33) Fabr BL alignment measur fixture,	01JUN04A	699'	30JUN04A	30JUN04A			2,060.33		2,060.33
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Re-Install Cables**CD-3 deleted scope

25-225.1	Cabling-Design & WP Procedures	01APR04A	872'	30JUN04A	30JUN04A			4,812.60		4,812.60
25-230.1	Cabling-Fabr and Install new Junction Box	02JUN04A	190	30JUN04A	30JUN04A			727.68		727.68

Beamline Connections**CD-3 deleted scope

25-310.1	Drafting Labor Support	01JUN04A	298	30JUN04A	30JUN04A			2,433.60		2,433.60
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31 - Magnetic Diagnostics

Job: 3101 Magnetic Diagnostics

Vacuum Vessel Saddle Loops

3101-105	DEVELOP LOCATING, MOUNTING STRATEGY	01JAN05A	20	31JAN05A	31JAN05A			1,000.00	100	1,000.00
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Run Date 17MAY06 12:45

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

0604

NCSX

Sheet 28 of 42

Progress Status and Earned Value
Through APRIL 30,2006

ECP-43 Baseline.

Does not reflect all revisions presented at
the May Lehman review.

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	FY										
											FY06	FY07	FY08	FY09	FY10						
3101-109	INTEGRATE LOOP AND LEAD DESIGN WITH H/C	01JAN05A	40	28FEB05A	28FEB05A			6,416.80	100	6,416.80											
3101-113	INTEGRATE LAYOUT, MEAS NEEDS W/ VSL METRO	01JAN05A	40	28FEB05A	28FEB05A			3,208.40	100	3,208.40											
3101-117	DEVELOP CONSTRAINTS FOR ARRAY LAYOUT	01JAN05A	20	31JAN05A	31JAN05A			0.00	100	0.00											
3101-121	LAYOUT CANDIDATE SENSOR ARRAY ON PRO-E VV	01FEB05A	20	28FEB05A	28FEB05A			0.00	100	0.00											
3101-125	PDR PREP -VESSEL SADDLE LOOP MOUNTING	02MAY05A	5	31MAY05A	31MAY05A			9,483.60	100	9,483.60											
3101-126	PEER REVIEW -VESSEL SADDLE LOOP MOUNTING		0	31MAY05A	31MAY05A			0.00	100	0.00											
3101-129	DESIGN AND PROTOTYPE SADDLE LOOP	01MAR05A	107*	29JUL05A	29JUL05A			7,643.52	100	7,643.52											
3101-133	Prototype loops on vsl proto segment using ARI	01MAR05A	107*	29JUL05A	29JUL05A			6,189.20	100	6,189.20											
3101-137	FINAL OPTIMIZATION OF LOOP LOCATION, AREA	01JAN05A	193*	30SEP05A	30SEP05A			0.00	100	0.00											
3101-149	PREPARE METROLOGY	01JUN05A	87*	31AUG05A	31AUG05A			6,416.80	100	6,416.80											
3101-145	Procure MI Cable	26SEP05A	68*	23DEC05A	09DEC05			22,182.57	100	22,041.84											
3101-139	Develop ProE model of loops, flat dev, fiducials	26SEP05A	234*	31AUG06	15NOV05		769	19,821.38	95	20,744.34											
3101-141	FDR PREP-	01DEC05A	101*	28APR06A	28OCT05			10,410.60	100	10,410.60											
3101-142	FDR - VESSEL SADDLE LOOP TEMPLATES		0	16DEC05A	28OCT05			0.00	100	0.00											
3101-153	Fab Installation Templates (for FP assy)	01JAN06A	41*	28FEB06A	30NOV05			2,619.92	100	2,911.02											
3101-143	FDR - VESSEL SADDLE LOOP INSTALLATION		0	28APR06*				0.00		0.00											
3101-154	Fab Installation Templates (for spacers)	01SEP06*	5	08SEP06				0.00		0.00											
3101-146	Procure remaining materials	01OCT05A	99*	28FEB06A	01NOV05			12,424.40	100	12,424.40											
3101-157	Design & fab tooling and clamps	01JUN05A	209*	31MAR06A	30NOV05			13,035.67	100	12,617.04											
3101-167	Design voltage loops	01DEC05A	116*	19MAY06	08FEB06			3,296.69	95	3,470.20											
3101-169	Voltage loop connection peer review	22MAY06*	1	22MAY06	15FEB06			403	0.00	1,735.10											
3101-165	Identify lead wires at multiple locations	01MAY06*	265*	21MAY07	21MAY07			591	0.00	8,437.42											
3101-161	SUPT LOOP INSTL 200 LOOPS), TESTING	24OCT06	154*	07JUN07	29JAN07			200	0.00	21,092.00											
3101-225	Terminate saddle loops (not required)	19MAR07	134*	25SEP07	24APR07			200	0.00	28,729.20											
Modular Coil C-wound Loops																					
3101-205	MOUNTING/LOCATING STRATEGY MC CO-WOUND	01JAN05A	20	31JAN05A	31JAN05A			3,208.40	100	3,208.40											
3101-209	PROTOTYPE ON TWISTED RACETRACK	01MAR05A	20	31MAR05A	31MAR05A			4,741.80	100	4,741.80											
3101-213	DESIGN TERMINATION	01MAR05A	130*	31AUG05A	31AUG05A			7,302.40	100	7,302.40											
3101-221	PROCURE MATERIALS	25JUL05A	0*	29JUL05A	29JUL05A			6,410.90	100	6,410.90											
3101-217	Peer review of lead routing	31JAN06A	0*	31JAN06A	07NOV05			6,940.40	100	6,940.40											
3101-230	Install heat shrink tubing on MI cable	31JAN06A	420*	28SEP07	23DEC05			500	2,444.94	20	12,068.40										
3101-229	SUPPORT NSTALLATION, TERMINATION, TESTING	01MAR06A	318*	05JUN07	23MAY07			138	2,632.69	75	7,001.96										
3101-231	Terminate MC co-wound loops	09JUL07	153*	20FEB08	25FEB08			134	0.00	11,589.70											
Rogowski Coils																					
3101-301	LAYOUT LOCATION ROWGOSKI COIL & EST COIL	01JUN05A	166*	31JAN06A	15DEC05			4,924.69	100	4,885.57											
3101-305	work on coil design with vendor	03OCT05A	162*	26MAY06	01MAR06			836	2,082.12	60	3,470.20										
3101-309	DESIGN COIL MOUNTING TECHNIQUE	26SEP05A	127*	31MAR06A	08MAR06			3,459.89	100	3,458.30											
3101-313	DESIGN LEAD ROUTING AND TERMINATION	01MAY06*	20	26MAY06	05APR06			363	0.00	3,470.20											
3101-317	PDR PREP- ROWGOWSKI COIL	30MAY06*	16*	20JUN06	03MAY06			363	0.00	5,126.10											
3101-318	PDR - ROWGOWSKI COIL		0	20JUN06*	03MAY06*			363	0.00	0.00											
3101-321	Specify Rogowski Coils	03JUL06*	10	17JUL06	17MAY06			355	0.00	3,470.20											
3101-325	FDR PREP ROWGOSKI COIL	18JUL06*	10	31JUL06	01JUN06			355	0.00	3,470.20											
3101-326	FDR - ROWGOSKI COIL		0	29SEP06*	01JUN06			312	0.00	0.00											
3101-329	FAB ROWGOWSKI COILS (2)	02OCT06	10	13OCT06	15JUN06			312	0.00	24,035.20											
3101-337	INSTALL COILS AND TERMINATIONS	09JUL07	153*	20FEB08	25FEB08			134	0.00	4,448.85											
TF Co-wound Loops																					
3101-401	MOUNTING/LOCATING TECHNIQUE TF CO-WOUND	25JUL05A	28*	31AUG05A	31AUG05A			6,275.20	100	6,275.20											
3101-405	DESIGN TERMINATION N/R	01MAY06	1	01MAY06	03OCT05			855	0.00	0.00											
3101-409	FINALIZE LOOP LOCATION/MOUNTING TECHNIQUE	01AUG05A	20	31AUG05A	31AUG05A			6,416.80	100	6,416.80											
3101-417	PROCURE MATERIALS	01APR06A	43*	01JUN06	12APR06			833	9,808.94	95	10,325.20										
3101-425	INSTALL HEAT SHRINK CABLE	01MAY06	856*	30SEP09	15OCT07			0	0.00	0.00											

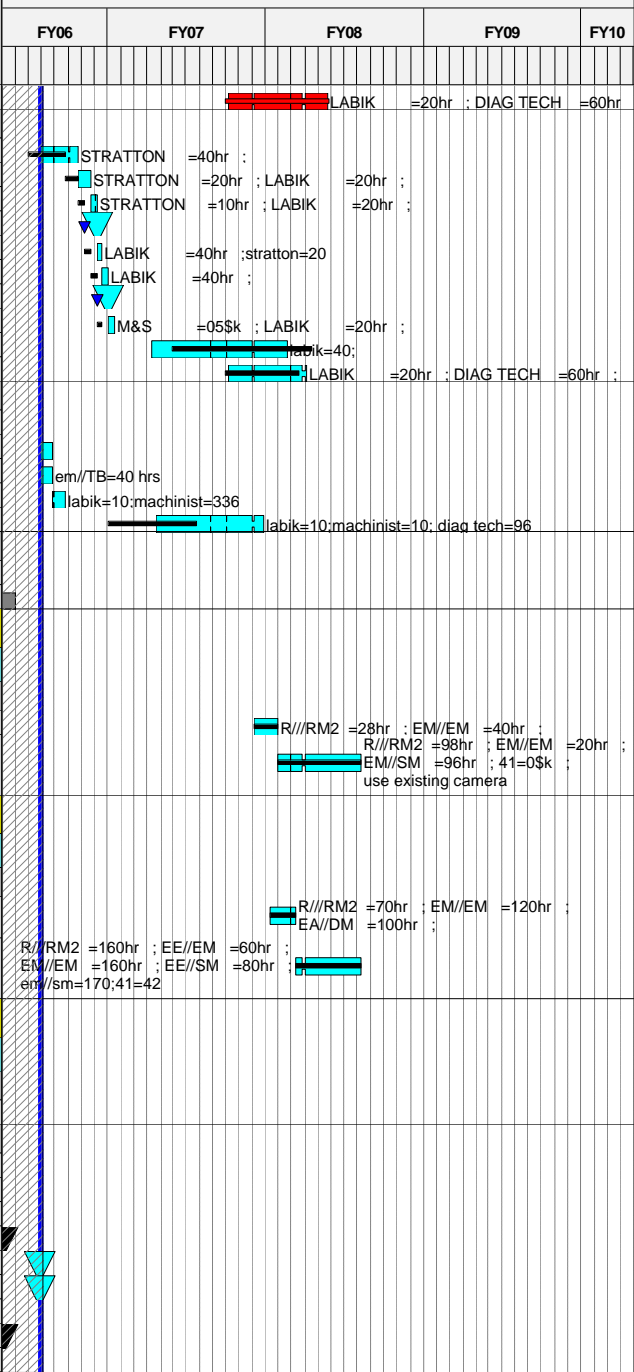
Run Date 17MAY06 12:45

0604 NCSX Sheet 29 of 42 ECP-43 Baseline.

Progress Status and Earned Value Through APRIL 30,2006 Does not reflect all revisions presented at the May Lehman review.

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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year						
											FY06	FY07	FY08	FY09	FY10		
3101-429	INSTALL TERMINATIONS	09JUL07	153*	20FEB08	25FEB08		134	0.00		8,676.91							
Modular Coil Shell Saddle Loops																	
3101-501	DETERMINE NUMEBR AND LOCATION OF LOOPS	01MAY06*	59	24JUL06	23JUN06		737	0.00		6,623.60							
3101-505	MOUNTING/LOCATING TECHN MC SHELL SADDLE	25JUL06	20	21AUG06	24JUL06		737	0.00		6,782.00							
3101-513	PDR PREP -MC SHELL SADDLE LOOPS	22AUG06*	11	06SEP06	09AUG06		737	0.00		5,126.10							
3101-514	PDR-MC SHELL SADDLE LOOPS		0	06SEP06	09AUG06		737	0.00		0.00							
3101-521	FINALIZE LOOP LOCATION/MOUNTING TECHNIQUE	07SEP06*	8	18SEP06	21AUG06		737	0.00		10,252.20							
3101-525	FDR PREP - MC SHELL SADDLE LOOPS	19SEP06	11	03OCT06	05SEP06		737	0.00		6,940.40							
3101-526	FDR - MC SHELL SADDLE LOOPS		0	03OCT06	05SEP06		737	0.00		0.00							
3101-529	PROCURE MATERIALS	04OCT06	10	17OCT06	19SEP06		737	0.00		10,325.20							
3101-533	INSTALL MC SHELL SADDLE LOOPS	12JAN07*	223*	23NOV07	17JAN08		460	0.00		7,152.56							
3101-537	INSTALL TERMINATIONS	09JUL07	120	04JAN08	18DEC07		167	0.00		8,644.62							
Termination Boxes																	
3101-333	Complete termination box design & prototyping	26SEP05A	47*	31OCT05A				10,833.80	100	9,842.60							
3101-421	FDR of terminations incl in saddle loop FDR	01MAY06*	19*	25MAY06	02NOV05		817	0.00		0.00							
3101-422	Fab Prototype term. Box	01MAY06*	19*	25MAY06			817	3,094.72	95	0.00							
3101-517	Fab termination boxes (24)	26MAY06	20	23JUN06	01FEB06		817	0.00		55,597.50							
3101-517A	Install termination boxes	23JAN07	173*	25SEP07	24APR07		200	0.00		34,156.80							
FY05CV-32	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			30,000.00		30,000.00							
FY06CV-01	FY06 YTD cost vari (offset by scope reductions)	01OCT05A	251	28FEB06A	30SEP05A			83,621.42		0.00							
36 - Edge and Divertor Diagnostics																	
Job: 3601 - Edge and Divertor Diagnostics																	
361-001	Design Visible Camera sys	04SEP07	40	29OCT07	29OCT07		190	0.00		11,997.15							
361-015	Fab/Assy/Installation Visible Camera	30OCT07*	130	09MAY08	08MAY08		190	0.00		33,584.00							
38 - Electron Beam (EB) Mapping																	
Job: 3801 - Electron Beam Mapping																	
380-010	Designe-Beam Probe,Fluor. Screen	12OCT07	40	10DEC07	10DEC07		190	0.00		46,167.80							
380-015	Fab & Install Beam probe	11DEC07*	102	09MAY08	08MAY08		190	0.00		160,029.00							
39 - Diagnostics Integration																	
Job: 3901 - Diagnostics sys Integration-JOHNSON																	
Prior Costs																	
390-001	LOE Support FY03	01APR03A	151*	30SEP03A	30SEP03A			155,450.00	100	155,450.00							
390-100	Finalize VV ports (number,size,locations)		0	30JUN04A	30JUN04A			0.00	100	0.00							
390-110	Resolve port interferences.Final port config		0	30JUN04A	30JUN04A			0.00	100	0.00							
390-120	Update port map&revise diag port assignments		0	31OCT05A	30SEP05*			0.00	100	0.00							
390-130	Rvw status of existing ICD's w/VV & Mod Coils		0	31JAN06A	30SEP05*			0.00	100	0.00							
390-140	Write ICD's-Define external space for diagnostic		0	28APR06*	30SEP05*		856	0.00	50	0.00							
390-150	Write ICD's-Define space f/racks in cntrl rm		0	28APR06*	30SEP05*		856	0.00	50	0.00							
390-160	Start recruiting diag team at HTPD conference		0	30JUN04A	30JUN04A			0.00	100	0.00							
390-170	Develop space envelopes for SXR		0	31JAN06A	30SEP05*			0.00	100	0.00							
390-180	Hold CDR's co-wound mag sensors&ext saddle loops		0	31OCT05A	30SEP05*			0.00	100	0.00							



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Forecast
 zECP-43 baseline
 Progress Bar
 Critical Activity

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Progress Status and Earned Value Through APRIL 30,2006

ECP-43 Baseline.
 Does not reflect all revisions presented at the May Lehman review.

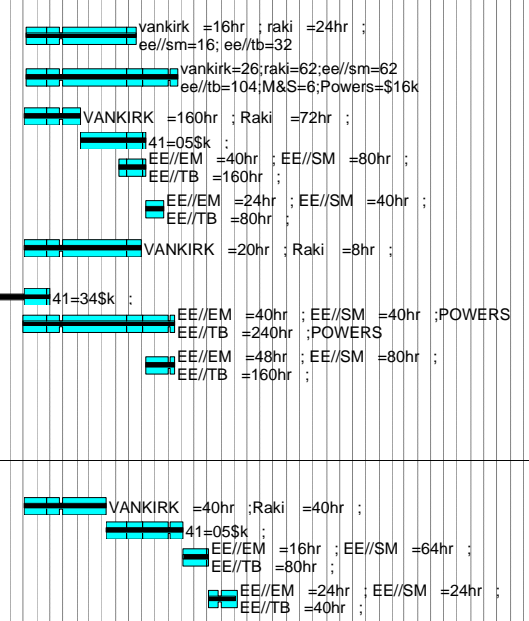
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year				
											FY06	FY07	FY08	FY09	FY10
390-010	LOE Support FY04	01OCT03A	250'	30SEP04A	30SEP04A			65,000.00	LOE	65,000.00					
390-015	LOE Support FY05 **reduced scope	01OCT04A	249'	30SEP05A	30SEP05A			66,357.30	LOE	66,357.30					
390-020	LOE Support FY06	03OCT05A	249'	29SEP06	29SEP06		749	40,193.57	LOE	70,515.03					
FY05CV-33	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			-12,000.00		-12,000.00					

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EA//DM =0 ; r///rm3=177

41 - AC Power

Job: 4101 - AC Power-RAMAKRISHNAN

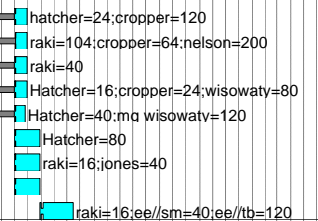
411 - Auxiliary AC Power Systems										
4101-100	Prepare Preliminary One line diagram	01MAR04A	173'	30SEP04A	30SEP04A			8,442.00	100	8,442.00
4101-100.1	Prepare Preliminary One line diagram	06OCT06*	173	18JUN07	18JUN07		572	0.00		1,076.96
411-1-100	Ex-Test cell AC pwr-Reactivate & new instl	06OCT06*	241	24SEP07	24SEP07		504	0.00		60,631.46
411-2-2	Grounding-Dsn	02OCT06*	86	08FEB07	08FEB07		368	0.00		31,305.04
411-2-4	Grounding-Procure	09FEB07*	107	11JUL07	11JUL07		368	0.00		6,855.00
411-2-6	Grounding-Install	10MAY07*	43	11JUL07	11JUL07		368	0.00		64,912.20
411-2-8	Grounding-Commission	12JUL07*	29	21AUG07	21AUG07		368	0.00		16,005.68
411-3-2	Test Cell AC Power Distr-Dsn	02OCT06*	186	29JUN07	29JUN07		404	0.00		3,741.36
411-3-2.04	Test Cell AC Power fy04	01APR04A	186'	30SEP04A	30SEP04A			73,000.00	100	73,000.00
411-3-4	Test Cell AC Power Distr-Procure(pnls & xfrmrs)	01JUL05A	107'	30NOV06	30NOV06		548	8,956.74	20	44,766.45
411-3-6	Test Cell AC Power Distr-Install	28SEP06*	358	14SEP07	14SEP07		351	15,394.64	50	30,098.24
411-3-8	Test Cell AC Power Distr-Commission	13JUL07*	45	14SEP07	14SEP07		351	0.00		32,011.36
411-4-2	Standby Power for Cryo Sys -Dsn	01MAY06	0	28APR06	30SEP05		856	0.00		0.00
411-4-4	Standby Power for Cryo Sys -Procure	01MAY06	0	28APR06	30SEP05		856	0.00		0.00
411-4-6	Standby Power for Cryo Sys -Install	01MAY06	0	28APR06	30SEP05		856	0.00		0.00
412 - Experimental AC Power Systems										
412-1-2	D-site Pulsed AC Power Distr-Dsn	02OCT06*	128	09APR07	09APR07		234	0.00		11,605.20
412-1-4	D-site Pulsed AC Power Distr-Procure	10APR07	125	04OCT07	04OCT07		234	0.00		6,860.44
412-1-6	D-site Pulsed AC Power Distr-Install	05OCT07	40	03DEC07	03DEC07		234	0.00		18,215.68
412-1-8	D-site Pulsed AC Power Distr-Commission	04DEC07	40	06FEB08	05FEB08		234	0.00		10,866.80
FY05CV-34	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			2,000.00		2,000.00



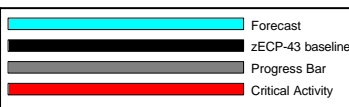
43 - DC Systems

Job: 4301 - DC Systems-RAMAKRISHNAN

431 - C-Site DC Systems										
431-260	Power loop design	01NOV04A	350'	23DEC05A	31MAR06			111,112.40	100	112,929.53
431-200	Condition/spare parts inventory	01OCT04A	371	30JUL07	31MAR06		543	16,945.08	95	17,739.04
431-210	Organize & verify documentation	01OCT04A	371	31JUL07	31MAR06		542	43,338.49	95	45,393.09
431-215	Document status	01OCT04A	371	30JUL07	31MAR06		543	5,775.57	90	6,392.85
431-225	Reactivate DF & PEI units	01JUL05A	186	30JUL07	31MAR06		543	10,780.21	90	11,915.33
431-230	Load test	01JUL05A	186	27JUL07	31MAR06		544	14,587.16	90	16,134.16
431-240	Simulate each of 6 pwr loops in PSCAD	02JUL07*	40	27AUG07	31MAR06		523	0.00		13,447.20
431-250	c-site dc sys DGS dsn documentation	02JUL07*	40	27AUG07	31MAR06		523	0.00		7,322.64
431-261	Redo power loop design	02JUL07*	40	27AUG07	31MAR06		242	0.00		0.00
431-265	Fabricate bus components	28AUG07*	55	13NOV07	29JUN06		242	0.00		17,600.64



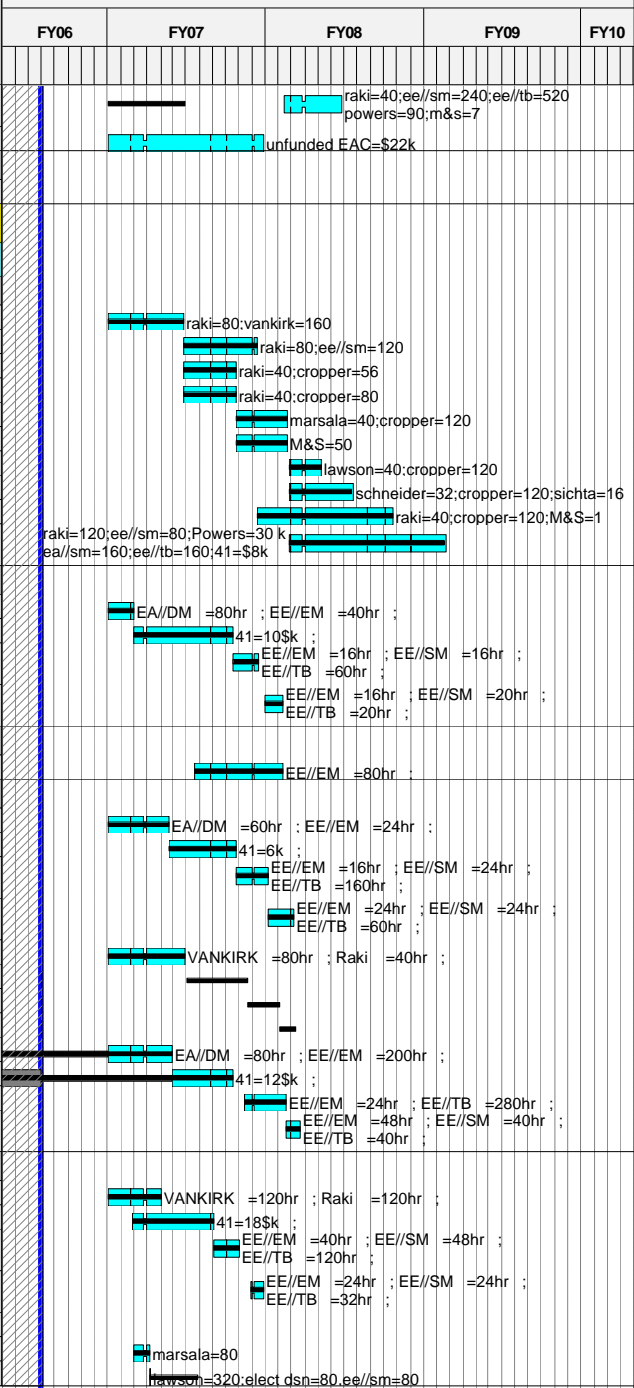
Run Date 17MAY06 12:46



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Progress Status and Earned Value Through APRIL 30,2006

ECP-43 Baseline. Does not reflect all revisions presented at the May Lehman review.

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	FY										
											FY06	FY07	FY08	FY09	FY10						
431-275	Power cabling & Installation	14NOV07*	88	27MAR08	29MAR07		242	0.00		214,510.20											
431-276	Maint of C-site rectifiers	02OCT06*	249	28SEP07			500	0.00		0.00											
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	03OCT06*	118	27MAR07	27MAR07		212	0.00		32,679.20											
441-097	Install Interlock sys	28MAR07	119	13SEP07	13SEP07		297	0.00		29,272.00											
441-100	PLC Specification	28MAR07	85	26JUL07	26JUL07		212	0.00		14,118.32											
441-105	Prep Block diagrams	28MAR07	85	26JUL07	26JUL07		212	0.00		17,224.40											
441-110	PLC CWD's & Cabling	27JUL07*	85	23NOV07	23NOV07		212	0.00		22,685.24											
441-115	deliver PLC	27JUL07*	85	23NOV07	23NOV07		460	0.00		70,250.00											
441-120	Program PLC Logic	26NOV07	45	07FEB08	06FEB08		415	0.00		23,004.80											
441-125	Program Control pages	26NOV07	97	21APR08	18APR08		363	0.00		24,097.84											
441-130	Pre-commissioning tests	14SEP07	214	24JUL08	23JUL08		297	0.00		24,377.02											
441-135	Install I/O Cabling	26NOV07	248	21NOV08	20NOV08		212	0.00		119,268.19											
442 - Kirk Key Interlocks																					
442-1-2	Kirk Keys-Dsn	02OCT06*	41	29NOV06	29NOV06		288	0.00		16,339.60											
442-1-4	Kirk Keys-Procure	30NOV06	158	19JUL07	19JUL07		288	0.00		13,710.00											
442-1-6	Kirk Keys-Install	20JUL07	40	14SEP07	14SEP07		288	0.00		44,123.84											
442-1-8	Kirk Keys-Commission	01OCT07	30	09NOV07	09NOV07		288	0.00		7,202.24											
443 - Real Time Control Systems																					
443-1-2	Develop Control Algorithms-Dsn	23APR07*	142	09NOV07	09NOV07		262	0.00		13,819.68											
444 - Instrument Systems																					
444-2-2	DC Potential Transducers (DCPTs)-Dsn	02OCT06*	95	21FEB07	21FEB07		454	0.00		11,224.08											
444-2-4	DC Potential Transducers (DCPTs)-Procure	22FEB07	109	26JUL07	26JUL07		454	0.00		8,226.00											
444-2-6	DC Potential Transducers (DCPTs)-Install	27JUL07	51	08OCT07	08OCT07		454	0.00		19,328.29											
444-2-8	DC Potential Transducers (DCPTs)-Commission	09OCT07	40	05DEC07	05DEC07		454	0.00		12,588.60											
444-3-2	DC Shunts-Dsn	02OCT06*	122	30MAR07	30MAR07		627	0.00		16,339.60											
444-3-4	DC Shunts-Procure**N/R**	01MAY06	0	28APR06	22AUG07		856	0.00		61,695.00											
444-3-6	DC Shunts-Install**N/R**	01MAY06	0	28APR06	02NOV07		856	0.00		55,304.86											
444-3-8	DC Shunts-Commission**N/R**	01MAY06	0	28APR06	10DEC07		856	0.00		17,754.00											
444-4-2	Signal Conditioning & Cabling-Dsn	01JUL05A	165	28FEB07	28FEB07		442	6,311.87	15	42,074.20											
444-4-4	Signal Conditioning & Cabling-Procure	01JUL05A	511	18JUL07	18JUL07		442	2,433.69	15	16,025.33											
444-4-6	Signal Conditioning & Cabling-Install	15AUG07	68	19NOV07	19NOV07		442	0.00		27,988.59											
444-4-8	Signal Conditioning & Cabling-Commission	20NOV07	22	21DEC07	21DEC07		442	0.00		17,226.72											
445 - Coil Protection Systems																					
445-1-2	Ground Fault Protection-Dsn	02OCT06*	82	02FEB07	02FEB07		405	0.00		34,815.60											
445-1-4	Ground Fault Protection-Procure	27NOV06*	130	05JUN07	05JUN07		319	0.00		24,678.00											
445-1-6	Ground Fault Protection-Install	06JUN07*	40	01AUG07	01AUG07		319	0.00		23,142.56											
445-1-8	Ground Fault Protection-Commission	30AUG07	20	27SEP07	27SEP07		319	0.00		9,911.12											
445-2-0	Overload Protection & Cabling-Prelim Dsn	01MAR04A	272	30SEP04A	30SEP04A			1,054.90		1,054.90											
445-2-105	Overload Protect-Write spec and approve	01DEC06*	20	05JAN07	05JAN07		687	0.00		13,741.60											
445-2-110	Overload Protect-Design**N/R**	08JAN07	0	05JAN07	27APR07		687	0.00		74,788.80											



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Forecast
 zECP-43 baseline
 Progress Bar
 Critical Activity

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Progress Status and Earned Value Through APRIL 30,2006

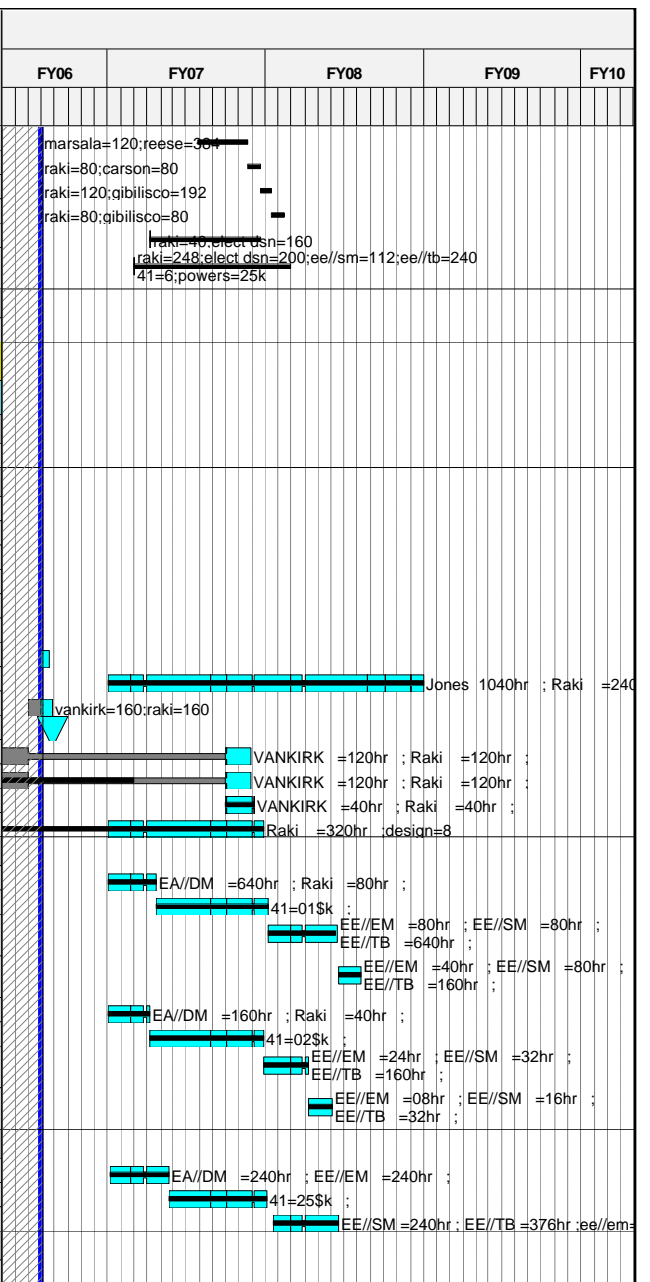
ECP-43 Baseline.
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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	FY				
											FY06	FY07	FY08	FY09	FY10
445-2-115	Overload Protect-Fabr 4 chassis 120 modls**N/R**	01MAY06	0	28APR06	20AUG07		856	0.00	70,309.68						
445-2-120	Overload Protect-Test 4 units**N/R**	01MAY06	0	28APR06	18SEP07		856	0.00	24,095.20						
445-2-125	Overload Protect-Install & Rack wiring**N/R**	01MAY06	0	28APR06	16OCT07		856	0.00	46,195.73						
445-2-130	Overload Protect-Write & perform ISTEP**N/R**	01MAY06	0	28APR06	13NOV07		856	0.00	24,744.00						
445-2-135	Overload Protect-Documentation**N/R**	08JAN07	0	05JAN07	19SEP07		687	0.00	25,808.40						
445-2-140	Overload Protection&cabling instl**N/R**	01DEC06	0	30NOV06	27NOV07		707	0.00	144,022.27						
FY05CV-36	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			49,000.00		49,000.00					

45 - Power System Design and Integration

Job: 4501 - Power Sys Dsn & Integr-RAMAKRISHNAN

Prior Costs										
4501-001	Apr-Sept MIE Cost	01APR03A	43	30SEP03A	30SEP03A			112,340.00	100	112,340.00
451 - System Design & Interfaces										
4501-100	Design Drawings	02FEB04A	193	30SEP04A	30SEP04A			19,807.80	100	19,807.80
4501-110	Calculations-FY04	01MAR04A	151	30SEP04A	30SEP04A			0.00	100	0.00
451-0-1	C-Site Decision	30APR04A	0	30APR04A	30APR04A			0.00	100	0.00
451-7-2	FDR DC transmission-Dsn	01MAY04A	0	28MAY04A	28MAY04A			10,084.00	100	10,084.00
451-7-20	FDR DC transmission		0	28MAY04A	28MAY04A			0.00	100	0.00
451-2-1	CDR Power system -Dsn	01DEC04A	208	31AUG05A	31AUG05A			41,299.20	100	41,299.20
451-0-2	Develop SRD	01MAY06	15	19MAY06	31OCT05		841	0.00		0.00
451-3-2	Dwgs,asbuilts -Elect Dsn	02OCT06*	499	30SEP08	30SEP08		250	0.00		166,541.26
451-2-2	PDR Prep Power system -Dsn	01APR06A	20	26MAY06	01DEC05		796	4,542.72	10	45,427.20
451-2-3	PDR Power system -Dsn		0	26MAY06			836	0.00		0.00
451-6-2	FDR C-Site -Cabling	01SEP05A	143	27AUG07	30NOV05		523	1,693.90	5	33,021.75
451-2-2.1	FDR C-Site	01NOV05A	101	27AUG07	30NOV06		523	685.63	2	34,196.10
451-4-2	FDR AC auxiliaries & grounding-Dsn	02JUL07*	45	04SEP07	04SEP07		518	0.00		11,605.20
451-1-2	Calculations-Dsn	02OCT06*	249	28SEP07	28SEP07		500	0.00		55,340.73
452 - Electrical Systems Support										
452-1-2	Diagnostics AC Power Distr-Dsn	03OCT06*	72	22JAN07	22JAN07		190	0.00		89,492.00
452-1-4	Diagnostics AC Power Distr-Procure	23JAN07	182	08OCT07	08OCT07		190	0.00		1,372.12
452-1-6	Diagnostics AC Power Distr-Install	09OCT07	105	14MAR08	13MAR08		190	0.00		79,841.60
452-1-8	Diagnostics AC Power Distr-Commission	20MAR08	37	09MAY08	08MAY08		190	0.00		31,462.80
452-2-2	Diagnostics sensor cabling-Dsn	03OCT06*	61	05JAN07	05JAN07		238	0.00		25,808.40
452-2-4	Diagnostics sensor cabling-Procure	08JAN07	185	26SEP07	26SEP07		238	0.00		2,742.00
452-2-6	Diagnostics sensor cabling-Install	27SEP07	65	08JAN08	07JAN08		238	0.00		22,242.90
452-2-8	Diagnostics sensor cabling-Commission	09JAN08	40	04MAR08	03MAR08		238	0.00		6,292.56
453 - System Testing (PTP's)										
453-1-2	New Procedures	06OCT06*	90	20FEB07	20FEB07		343	0.00		69,631.20
453-1-4	Preop Testing-Procure test eqipt	21FEB07*	160	05OCT07	05OCT07		343	0.00		34,301.56
453-1-8	Testing PTPs, ISTEPs	19OCT07*	100	19MAR08	18MAR08		234	0.00		213,785.76
FY05CV-37	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			-52,000.00		-52,000.00

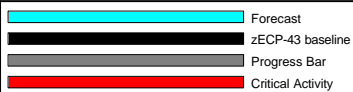


46 - FCPC Building Modifications

Job: 4601 - FCPC Bldg Mods-RAMAKRISHNAN

Prior Costs										
4601-001	Apr-Sept MIE Cost	01APR03A	43	30SEP03A	30SEP03A			1,300.00	100	1,300.00

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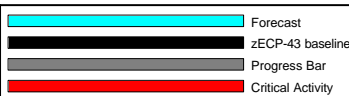
Progress Status and Earned Value
Through APRIL 30,2006

ECP-43 Baseline.

Does not reflect all revisions presented at
the May Lehman review.

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year					
											FY06	FY07	FY08	FY09	FY10	
51 - TCP/IP Infrastructure Systems																
Job: 5101 - TCP/IP Infrastructure Systems																
51-10	Preliminary Design (Title I)	01OCT07*	45	04DEC07	04DEC07		227	0.00		6,260.40						
51-20	Final Network Design (Title II)	05DEC07	20	10JAN08	09JAN08		227	0.00		6,260.40						
51-30	Installation, Testing, Documentation (Title III)	11JAN08	120	27JUN08	26JUN08		227	0.00		267,865.10	EC//EM =40hr ; EC//EM =40hr ; EC//DM =160hr ; EC//EM =220hr ; EC//SM =740hr ; 41=82\$K ;					
52 - Central Instrumentation & Control																
5201 - I&C Systems																
52-10	Preliminary Design (Title I)	04SEP07*	45	05NOV07	05NOV07		164	0.00		22,288.16						
52-20	Final Design (Title II)	06NOV07	87	18MAR08	17MAR08		164	0.00		54,935.01						
52-30	Installation, Testing, Documentation (Title III)	19MAR08	135	26SEP08	18NOV08		164	0.00		452,889.24	EC//EM =144hr ; EC//EM =351hr ; EC//SM =600hr ; EC//EM =1172hr ; 41=139\$K ;					
53 - Data Acquisition & Facility Computing																
5301 - Data Acquisition																
53-10	Preliminary Design (Title I)	04SEP07*	45	05NOV07	05NOV07		186	0.00		26,312.41						
53-20	Final Design (Title II)	06NOV07	65	15FEB08	14FEB08		186	0.00		51,648.30						
53-30	Coding, Configuration, Testing (Title III)	18FEB08	135	26AUG08	17OCT08		186	0.00		251,112.12	EC//EM =170hr ; EC//EM =330hr ; EC//EM =1,080hr ; 41=57.7\$K ;					
54 - Facility Timing & Synchronization																
Job: 5401 - Facility Timing & Synchronization																
54-10	Preliminary Design (Title I)	02OCT07*	45	05DEC07	05DEC07		166	0.00		18,624.69						
54-20	Final Design (Title II)	06DEC07	65	14MAR08	13MAR08		166	0.00		21,285.36						
54-30	Installation, Testing, Documentation (Title III)	17MAR08	135	24SEP08	23SEP08		166	0.00		155,913.06	EC//EM =119hr ; EC//EM =136hr ; EC//SM =700hr ; EC//EM =306hr ; 41=19\$K ;					
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		12,520.80						
55-20	Final Design (Title II)	06DEC07	20	11JAN08	10JAN08		226	0.00		12,520.80						
55-30	Installation, Testing, Documentation (Title III)	14JAN08	120	30JUN08	27JUN08		226	0.00		154,289.80	EC//EM =80hr ; EC//EM =80hr ; EC//EM =480hr ; EC//SM =500hr ; 41=15\$K ;					
56 - Central Safety Interlock Systems																
Job: 5601 - Central Safety Interlock Systems																
56-10	Preliminary Design (Title I)	02OCT07*	87	12FEB08	11FEB08		171	0.00		21,285.36						
56-20	Final Design (Title II)	13FEB08	45	15APR08	14APR08		171	0.00		21,285.36						
56-30	Installation, Testing, Documentation (Title III)	16APR08	108	17SEP08	16SEP08		171	0.00		282,928.13	EC//EM =136hr ; EC//EM =136hr ; EC//EM =663hr ; EE//SM =1,200hr ; 41=14\$K ;					
57 - Control Room Facility																
Job: 5701 - Control Room Facility																
57-10		01MAY06	0	28APR06	30SEP05		856	0.00		0.00						

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Progress Status and Earned Value Through APRIL 30,2006

ECP-43 Baseline. Does not reflect all revisions presented at the May Lehman review.

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year					
											FY06	FY07	FY08	FY09	FY10	
58 - Central I&C management and Integration																
Job: 5801 -Central I&C Integr & Oversight-SICHTA																
51-00	FY03	01APR03A	250'	30SEP03A	30SEP03A			11,900.00	LOE	11,900.00						
51-01	FY04 LOE support	01OCT03A	250'	30SEP04A	30SEP04A			16,000.00	LOE	16,000.00						
51-02	FY05 LOE support	01OCT04A	249'	30SEP05A	30SEP05A			12,462.26	LOE	12,462.26						
58-FY06	FY07 LOE support	01MAY06*	107'	29SEP06			749	0.00	LOE	0.00						
58-FY07	FY07 LOE support	02OCT06*	250'	01OCT07			499	0.00	LOE	0.00						
FY05CV-38	FY05 unrecoverable cost variance	01OCT04A	251'	30SEP05A	30SEP05A			-7,000.00		-7,000.00						
61 - Water Systems																
Job:6101 - Water Systems																
613 - Vacuum Pumping System																
623.011	Design WBS 612 **N/R**	01NOV07*	59	04FEB08	01FEB08		214	0.00		24,290.40						
632.021	WBS 612 Assembly/Fabrication/Installation	05FEB08	40	31MAR08	28MAR08		214	0.00		67,981.38						
62 - Cryogenic Systems																
Job: 6201 - Cryogenic Systems																
621 - LN2-LHe Supply System																
631-001	Preliminary Design	02JUL07*	65	02OCT07	02OCT07		240	0.00		15,792.79						
631-010	Final Design**reduced scope	03OCT07	65	14JAN08	11JAN08		240	0.00		18,149.92						
631-020	Procurement **reduced scope	15JAN08	88	15MAY08	14MAY08		240	0.00		123,078.00						
631-015	Fab/Assy/Installation**reduced scope	11MAR08	65	10JUN08	09JUN08		240	0.00		71,991.50						
622 - LN2 Coil Cooling Supply																
632-001	**deleted scope	01MAY06	0	28APR06	30SEP05		856	0.00		0.00						
623 - GN2 Cryostat Cooling System																
633-001	Preliminary Design	02JUL07*	40	27AUG07	27AUG07		250	0.00		15,779.70						
633-020	Procurement	14NOV07	130	27MAY08	23MAY08		250	0.00		112,329.75						
633-010	Final Design	28AUG07	55	13NOV07	13NOV07		250	0.00		25,644.50						
633-015	Fab/Assy/Installation	24JAN08	88	27MAY08	23MAY08		250	0.00		72,266.88						
63 - Utility Systems																
Job: 6301 - Utility Systems																
640.011	Design GN2, Air & Vent Systems	01OCT07*	59	02JAN08	01JAN08		249	0.00		34,014.40						
640.021	Assembly/Fabrication	03JAN08	40	27FEB08	26FEB08		249	0.00		72,889.52						
64 - PFC/VV Heating & Cooling*ELIMINATED*																
Job: 6401 - PFC/VV Heating & Cooling																
650.001	Eliminated scope	01MAY06	0	28APR06	30SEP05		856	0.00		0.00						
65 - Facility Systems Integration																
Job: 6163 - Facility Systems Support FY04																
65-03	LOE WBS 6	01OCT03A	250'	30SEP04A	30SEP04A			15,000.00	LOE	15,000.00						
Job: 6501 - Facility Systems Integration-DUDEK																
Prior Costs																
6501-001	Apr-Sept MIE Cost PPPL	01APR03A	0	30SEP03A	30SEP03A			9,380.00	100	9,380.00						

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year					
											FY06	FY07	FY08	FY09	FY10	
71 - Shield Wall Seismic Modifications																
Job: 7101 - Shield Wall Modif Design-PERRY																
Prior Costs																
7101-000	Apr-Sept MIE Cost PPPL	01APR03A	66	30SEP03A	30SEP03A			32,150.00	100	32,150.00						
72 - Control Room Refurbishment																
Job: 7201 - Control Room Walls&Floors-PERRY																
710.001	Install Wall east side control room	02OCT06*	24	02NOV06	02NOV06		707	0.00		0.00						
711B.050	Complete Control Room Flooring	03NOV06*	18	30NOV06	30NOV06		707	0.00		9,097.92						
73 - Platform Design & Fabrication																
Job: 7301 - Platform Design & Fab-PERRY																
712.008	Update Platform Specification	01JUN05A	0'	30JUN05A	30JUN05A			6,416.80	100	6,416.80						
712.010	Final Design	02MAY05A	43'	30JUN05A	30JUN05A			53,163.80	100	53,163.80						
711A.040	Platform nut plates	01APR05A	187'	22DEC06	22DEC06		691	26,209.21	90	29,112.91						
712.020	Platform Parts	02OCT06*	22	31OCT06	31OCT06		727	0.00		25,591.00						
712.030	Miscs Hardware/Material	01JUL05A	83'	31OCT06	31OCT06		437	36,414.50	80	45,488.05						
FY05CV-39	FY05 unrecoverable cost variance	01OCT04A	251'	30SEP05A	30SEP05A			-50,000.00		-50,000.00						
74 - Machine Assembly Planning and Oversight																
Job: 7401 - TC Prep & Mach Assy Planning-PERRY																
Oversight and Supervision																
711A.020	LOE FY04	01OCT03A	256'	30SEP04A	30SEP04A			148,582.46	LOE	148,582.46						
Prior Costs																
7401-001	Apr-Sept MIE Cost PPPL	01APR03A	66	30SEP03A	30SEP03A			164,000.00	100	164,000.00						
Project Scope																
714.010	LOE FY05	01OCT04A	249'	30SEP05A	30SEP05A			109,972.42	LOE	109,972.42						
714.020	LOE FY06 prior to assy starting	02OCT06*	187'	02JUL07	02JUL07		562	0.00		53,510.98						
714.030	LOE FY07 thru first plasma	02JUL07*	434'	31MAR09	31MAR09		129	0.00		877,620.95						
FED/Infrastructure Support (non Project cost)																
613.010	Remove Shield Walls ** GPP **	01APR04A	64'	22JUN04A	22JUN04A			0.00	100	0.00						
613.015	Fabricate New Bottom Course of Blocks **GPP**	01APR04A	207'	31JAN05A	31JAN05A			0.00	100	0.00						
613.017	Install New Bottom Course **GPP**	01AUG05A	0'	31AUG05A	31AUG05A			0.00	100	0.00						
613.020	Remove south PLT shielding (cc 7230)	01JUN04A	0'	22JUN04A	22JUN04A			0.00	100	0.00						
613.025	Dispose of old south PLT shielding **GPP**	01AUG04A	0'	31AUG04A	31AUG04A			0.00	100	0.00						
EXFAC003	Clear PBX control room & Safe PBX (cc7230)	27JAN03A	110'	30JUN03A	30JUN03A			0.00	100	0.00						
EXFAC004	Remove Fire protection PLT wall (cc7230)	01MAY03A	21	09MAY03A	09MAY03A			0.00	100	0.00						
EXFAC005	Remove Fire Protection under platform (cc7230)	01APR03A	21	30APR03A	30APR03A			0.00	100	0.00						
EXFAC006	Remove Fire Protection Control rm walls(cc7230)	01MAY03A	21	09MAY03A	09MAY03A			0.00	100	0.00						
EXFAC007	Remove PBX Base Plates cc7230)	25FEB04A	48'	12MAR04A	12MAR04A			0.00	100	0.00						
GPP001	GPP-Upgarde C-Site central chilled wtr plant*TBD	01OCT02A	1	01OCT02A	01OCT02A			0.00	100	0.00						
GPP004	GPP-Roofing Design	01APR04A	291'	31MAY05A	31MAY05A			0.00	100	0.00						
GPP004.1	GPP-Roofing Install	01MAY05A	0	31MAY05A	31MAY05A			0.00	100	0.00						
GPP005	GPP-Test Cell lighting Design	01APR04A	206'	31JAN05A	31JAN05A			0.00	100	0.00						
GPP005.1	GPP-Test Cell lighting Install ***TBD***	02MAY05A	0	31MAY05A	31MAY05A			0.00	100	0.00						
GPP006	GPP-Test Cell HVAC/dew point control Design*TBD	01MAY06	0	28APR06	30SEP05		856	0.00		0.00						
GPP006.1	GPP-Test Cell HVAC/dew point control InstallTBD	01MAY06*	0	28APR06	30SEP05		856	0.00		0.00						
GPP007	GPP-C-Site elevators Design	01MAY06*	0	28APR06	30SEP05		856	0.00		0.00						

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

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

perry=1851;langella=1851
 perry=192;langella=149

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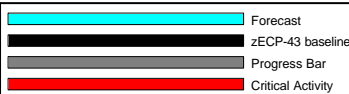
Forecast
 zECP-43 baseline
 Progress Bar
 Critical Activity

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Progress Status and Earned Value Through APRIL 30,2006

ECP-43 Baseline.
 Does not reflect all revisions presented at the May Lehman review.

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year					
											FY06	FY07	FY08	FY09	FY10	
GPP007.1	GPP-C-Site elevators Install	01MAY06	0	28APR06	30SEP05		856	0.00		0.00						
GPP008	GPP-Fire suppression high bay design*TBD*	01MAY06	0	28APR06	30SEP05		856	0.00		0.00						
GPP008.1	GPP-Fire suppression high bay install*TBD*	01MAY06	0	28APR06	30SEP05		856	0.00		0.00						
GPP009	Control Room Lights & Outlets design*TBD*	01MAY06	0	28APR06	30SEP05		792	0.00		0.00						
GPP009.1	Control Room Lights & Outlets install*TBD*	01MAY06	0	28APR06	30SEP05		792	0.00		0.00						
GPP010	Control Room HVAC Design **TBD**	01MAY06	0	28APR06	30SEP05		792	0.00		0.00						
GPP010.1	Control Room HVAC Install **TBD**	01MAY06	0	28APR06	30SEP05		792	0.00		0.00						
GPP011	Control Room Ceiling Design	01OCT07*	64	09JAN08	10JAN06		372	0.00		0.00						
GPP011.1	Control Room Ceiling Install	10JAN08	64	08APR08	10APR06		372	0.00		0.00						
GPP012	Control Rm Fire Detection & Suppression Design	01MAY06*	0	28APR06	30SEP05		728	0.00		0.00						
GPP012.1	Control Rm Fire Detection & Suppression Install	01OCT07*	64	09JAN08	10JAN06		372	0.00		0.00						
Test Cell Modifications & Upgrades																
714.020X	TC power instl	01AUG05A	436'	30SEP05A	30SEP05A			63,673.65		63,673.65						
613.030	Test Cell copper ground plane cuts	01JUL05A	151'	29SEP06	29SEP06		749	8,598.08	80	10,747.60						
713.010	General procurements	02APR05A	128'	30SEP05A	30SEP05A			19,215.00	LOE	19,215.00						
7502-000	Outlet Design	02FEB04A	107'	30JUN04A	30JUN04A			25,272.00	100	25,272.00						
7502-001	Test Cell 110v outlets	01APR05A	214'	29SEP06	29SEP06		749	12,805.56	70	18,283.24						
7502-002	Test Cell 208v outlets	01APR05A	214'	29SEP06	29SEP06		749	6,402.78	70	9,141.62						
7502-003	Install 480v power in test cell	01SEP05A	0'	30SEP05A	30SEP05A			0.00	100	0.00						
7502-004	Install 120v panels in test cell	01SEP05A	0'	30SEP05A	30SEP05A			0.00	100	0.00						
7502-010	Ready Rooms (under control room) 110v outlets	02OCT06*	65	10JAN07	10JAN07		558	0.00		10,480.00						
7502-011	Cable Removal in test cell (S04335-32)	01OCT03A	0'	31OCT03A	31OCT03A			9,937.20	100	9,937.20						
7502-025	TC Floor penetration covers	03NOV03A	42	26NOV03A	26NOV03A			16,848.00	100	16,848.00						
EXFAC001.2	Complete Crane Modifications (S04354)	02FEB04A	0'	30JAN04A	30JAN04A			37,608.48	100	37,608.48						
FY05CV-40	FY05 unrecoverable cost variance	01OCT04A	251'	30SEP05A	30SEP05A			178,000.00		178,000.00						
75 - Test Cell and Basement Assembly Operations																
7501 - Construction Support Crew																
7501-05	Construction Support Crew during machine assy	01FEB08*	249	30JAN09	13OCT08		130	0.00		861,133.69						
7501-06	Construction Support Crew during e-beam mapping	02FEB09	41	30MAR09	17FEB09		130	0.00		99,199.62						
7501-07	Construction Support Crew during cryostat instl	15SEP08*	40	07NOV08	08DEC08		222	0.00		103,081.21						
7502 - Test Cell Facility Preparations																
7502-020	Resurface TC floor	11JAN07*	42	09MAR07	09MAR07		558	0.00		34,670.00						
7502-030	TC Floor firesealing	12MAR07	42	08MAY07	08MAY07		558	0.00		15,720.00						
7502-035	Control room firesealing	09MAY07	42	09JUL07	09JUL07		558	0.00		24,190.00						
7503 - Machine Assembly																
Revised Assembly Logic (ecp18)																
7503-010	Begin Assembly Activities	01FEB08*	0				130	0.00		0.00						
7503-020	Install & Level Support Base Plates	01FEB08	8	12FEB08	19OCT07	2	174	0.00		68,122.20						
7503-030	Install/Level FPA's and Spool Piece supports	13FEB08	15	04MAR08	04DEC07	2	174	0.00		136,244.40						
7503-060	Install Lower PF 4,5&6 into prelim position	21APR08	2	22APR08	21APR08		154	0.00		4,887.04						
7503-070	Install 3 Spool Pieces on fixt & test movement	05MAR08	10	18MAR08	18DEC07		174	0.00		45,414.80						
7503-080	FPA-1 Installed on support platform		0	18MAR08	18DEC07		174	0.00		0.00						

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Progress Status and Earned Value Through APRIL 30,2006

ECP-43 Baseline.
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Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year											
											FY06	FY07	FY08	FY09	FY10							
7503-090	Install local Platforms around FPA-1	19MAR08	5	25MAR08	10JAN08	2	180	0.00		45,414.80												
7503-110	FPA-2 Installed on support platform		0	18MAR08	22JAN08		174	0.00		0.00												
7503-120	Test movement of FPA-1& -2 & position checks.	19MAR08	5	25MAR08	29JAN08		174	0.00		22,707.40												
7503-130	Install local Platforms around FPA-2	19MAR08	3	21MAR08	25JAN08		182	0.00		45,414.80												
7503-150	FPA-3 Installed on support platform		0	20MAY08	23MAY08		134	0.00		0.00												
7503-160	Position all FPA's / Spool Pieces @ MC Interface	21MAY08	6	29MAY08	02JUN08		134	0.00		27,248.88												
7503-170	FPA Metrology Checks to Assure Alignment	30MAY08	3	03JUN08	05JUN08		134	0.00		3,217.32												
7503-190	Install local Platforms around FPA-3	04JUN08	5	10JUN08	19JUN08	2	134	0.00		45,414.80												
7503-180	MC Interfaces: shim, ream holes ,bolt together	11JUN08	15	01JUL08	10JUL08		134	0.00		88,632.60												
7503-200	Mate-up and weld all VV-to-Spool interfaces	02JUL08	15	23JUL08	31JUL08		134	0.00		77,673.60												
7503-240	Bolt on preassembled pump duct	24JUL08	5	30JUL08	07AUG08		134	0.00		19,054.40												
7503-240.1	Install insulation boots	31JUL08	5	06AUG08	21AUG08	2	134	0.00		27,347.20												
7503-240.2	Install insulation	07AUG08	2	08AUG08	26AUG08	2	134	0.00		6,153.12												
7503-250	Begin Vac Vsl Pumpdown	11AUG08	0				134	0.00		0.00												
PUMP DOWN OF VACUUM VESSEL DOE LEVEL 2 MILESTONE PEP DATE = FEBRUARY 2009																						
7503-260	PTP Pumpdown & leak check VV	11AUG08	10	22AUG08	09SEP08		134	0.00		51,782.40												
7503-210	Fit-up all TF coils	24JUL08	10	06AUG08	14AUG08		134	0.00		59,088.40												
7503-270	Raise lower PF 4,5&6 coils into final position	07AUG08	6	14AUG08	22AUG08		134	0.00		27,248.88												
7503-280	Install Upper PF 4,5 & 6 coils	15AUG08	6	22AUG08	01SEP08		134	0.00		27,248.88												
7503-290	Install PF Solenoid into position (U/L PF1,2,3)	25AUG08	4	28AUG08	15SEP08		134	0.00		18,165.92												
7503-310	Complete LN2 connections	29AUG08	10	12SEP08	29SEP08		134	0.00		38,108.80												
7503-320	Complete Elect Pwr connections	29AUG08	10	12SEP08	13OCT08	2	134	0.00		106,727.76												
7503-321	Complete mag diag & machine I&C	29AUG08	10	12SEP08	13OCT08	2	134	0.00		50,362.96												
7503-330	Begin Cryostat Installation	15SEP08	0				134	0.00		0.00												
BEGIN CRYOSTAT INSTALLATION DOE LEVEL 2 MILESTONE PEP DATE = APRIL 2009																						
7503-340	Install Cryostat Base, vapor barrier & port boots	15SEP08	10	26SEP08	27OCT08		134	0.00		40,695.20												
7503-350	Install Cryostat upper section, VB and port boots	29SEP08	10	10OCT08	10NOV08		134	0.00		40,695.20												
7503-360	Install Midplane Cryostat sections and port boot	13OCT08	15	31OCT08	01DEC08		134	0.00		61,042.80												
7503-370	Install Cryostat Circulation Duct	03NOV08	5	07NOV08	08DEC08		134	0.00		20,347.60												
730.8200Z	PTP and Cooldown (dup of 730.8200)	10NOV08	10	21NOV08	22DEC08		212	0.00		0.00												
730.1248	ACC Review	06OCT08	20	31OCT08	01DEC08		134	0.00		0.00												
730.1249	PSO Operational Readiness Assessment	03NOV08	5	07NOV08	08DEC08		134	0.00		0.00												
730.1250	PSO Operational Readiness Assessment		0	07NOV08	08DEC08		134	0.00		0.00												
COMPLETE OPERATIONAL READINESS ASSESSMENT DOE LEVEL 2 MILESTONE PEP DATE = JUNE 2009																						
730.8200	PTP and Cooldown	10NOV08	10	21NOV08	22DEC08		134	0.00		70,850.40												

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Progress Status and Earned Value Through APRIL 30,2006

ECP-43 Baseline.

Does not reflect all revisions presented at the May Lehman review.

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year					
											FY06	FY07	FY08	FY09	FY10	
76 - Tooling Design & Fabrication																
Job: 7601 - Tooling Design & Fabrication																
713.020	Lab Fab/Assy/Installation	01OCT07*	329*	30JAN09	30JAN09		171	0.00		32,743.91	PERRY=80;em/sm=42;em/tb=140					
713.030	Tooling,assy fixtures,misc equipt	01OCT07*	329*	30JAN09	30JAN09		171	0.00		84,841.94	41=\$60k					
713.040	General procurements	01OCT07*	329*	30JAN09	30JAN09		171	0.00		63,631.45	41=\$45k					
713.050	Welding tools, materials & equipt	01OCT07*	329*	30JAN09	30JAN09		171	0.00		56,561.29	41=\$40k					
81 - Project Management and Control																
Job: 8101 - Project Management & Control-NEILSON																
FY04 Actual Cost																
M-0110	CD-2		0	03FEB04A	03FEB04A			0.00		0.00						
810.009	PDR Support	01OCT03A	3*	31OCT03A	31OCT03A			41,163.08	100	41,163.08						
M-0115	CD-3		0	16SEP04A	16SEP04A			0.00		0.00						
810.002	Project Management Office PPPL FY04	01OCT03A	256*	30SEP04A	30SEP04A			685,961.70	LOE	685,961.70						
810.002E	Project Management Office PPPL FY04 ECP24	01OCT03A	256*	30SEP04A	30SEP04A			146,000.00	LOE	146,000.00						
Prior Costs																
810.001	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A	30SEP03A			387,340.00	100	387,340.00						
810.003	Project Management Office PPPL FY05	01OCT04A	251*	30SEP05A	30SEP05A			696,116.95	LOE	696,116.95						
810.004	Project Management Office PPPL FY06	03OCT05A	249*	29SEP06	29SEP06		749	361,746.35	LOE	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	02OCT06*	249*	28SEP07	28SEP07		500	0.00		662,100.12	hutch=1503 85%; strykowsky=1592 90%; pam=832 40%					
810.900	Project Management Office PPPL FY08	01OCT07*	250*	30SEP08	30SEP08		250	0.00		554,496.26	hutch=1238 70%; strykowsky=1326 75% ; pam=					
810.909	Project Management Office PPPL FY09	01OCT08*	163*	29MAY09	29MAY09		87	0.00		132,273.00	hutch=300 17% strykowsky=300 17% ; 35=1					
FY05CV-41	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			-3,000.00		-3,000.00						
Job: 8102 - NCSX MIE Management ORNL-LYON																
FY04 Actual Cost																
810.102	Project Management Office ORNL FY04	01OCT03A	256*	30SEP04A	30SEP04A			88,000.00	LOE	88,000.00						
Prior Costs																
810.101	Apr-Sept MIE Cost ORNL	01APR03A	129*	30SEP03A	30SEP03A			58,600.00	100	58,600.00						
810.103	Project Management Office ORNL FY05	01OCT04A	251*	30SEP05A	30SEP05A			95,368.98	LOE	95,368.98						
810.104	Project Management Office ORNL FY06	01OCT05A	249*	29SEP06	29SEP06		500	98,958.07	LOE	173,610.65	ORNLRM =850hr Lyon 50-% ORNL41 =2\$ ornlam=95 Admin 5%					
810.104X	Project Management Office ORNL FY07	02OCT06	249*	28SEP07	28SEP07		500	0.00		50,514.32	ORNLRM =180hr 10% ORNL41 =2\$ ornlam=88 5%					
810.105X	Project Management Office ORNL FY08	02OCT07*	248*	29SEP08	29SEP08		251	0.00		36,664.00	ORNLRM =180hr 10% ORNL41 =2\$ ornlam=88 5%					
FY05CV-42	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			13,000.00		13,000.00						

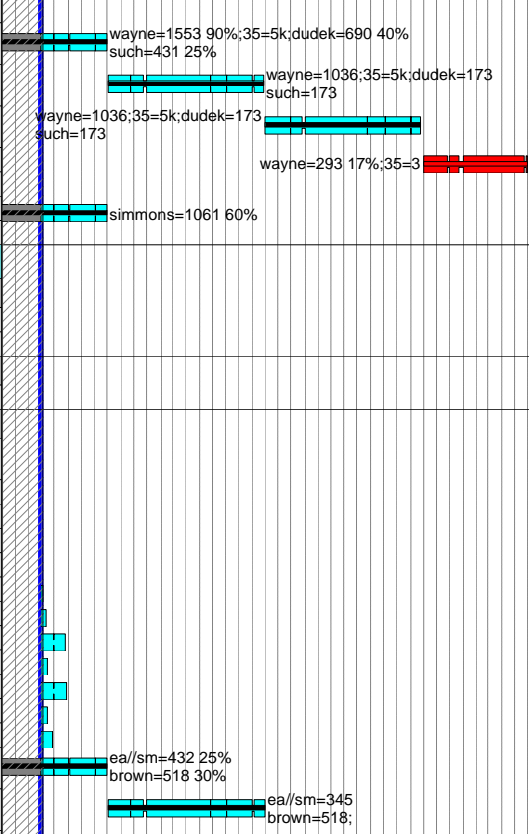
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Forecast
 zECP-43 baseline
 Progress Bar
 Critical Activity

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Progress Status and Earned Value Through APRIL 30,2006

ECP-43 Baseline.
 Does not reflect all revisions presented at the May Lehman review.

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Year					
											FY06	FY07	FY08	FY09	FY10	
82 - Project Engineering																
Job: 8202 - Engr Mgmt & Sys Eng Support-REIERSEN																
FY04 Actual Cost																
820.002	LOE FY04	01OCT03A	256'	30SEP04A	30SEP04A			601,555.68	LOE	601,555.68						
8202-ECP16	ecp16	01OCT03A	256'	30SEP04A	30SEP04A			68,000.00	LOE	68,000.00						
Prior Costs																
820.110	Apr-Sept MIE Cost PPPL	01APR03A	128'	30SEP03A	30SEP03A			295,530.00	100	295,530.00						
820.003	Proj engr FY05	01OCT04A	251'	30SEP05A	30SEP05A			469,631.02	LOE	469,631.02						
820.004	Proj engr FY06	03OCT05A	249'	29SEP06	29SEP06		749	251,350.35	LOE	440,965.54						
820.04X	Proj engr FY07	02OCT06*	246'	25SEP07	25SEP07		503	0.00		239,641.12						
820.004Z	Proj engr FY08	02OCT07*	246'	25SEP08	25SEP08		253	0.00		245,966.08						
820.005	Proj engr FY09	01OCT08*	163'	29MAY09	29MAY09		87	0.00		62,798.72						
8205FY05	System Engr Support FY05	01OCT04A	251'	30SEP05A	30SEP05A			199,622.00	LOE	199,622.00						
8205FY06	Systems Engineering Support FY06	03OCT05A	249'	29SEP06	29SEP06		749	105,266.27	LOE	184,677.66						
FY05CV-44	FY05 unrecoverable cost variance	01OCT04A	251'	30SEP05A	30SEP05A			-19,000.00		-19,000.00						
Job: 8203 - Design Integration-BROWN																
FY04 Actual Cost																
820.200	LOE FY04	01OCT03A	256'	30SEP04A	30SEP04A			247,570.20	LOE	247,570.20						
8203-ECP16	ecp16	01OCT03A	256'	30SEP04A	30SEP04A			125,000.00	LOE	125,000.00						
Prior Costs																
820.150	Apr-Sept MIE Cost PPPL	01APR03A	128'	30SEP03A	30SEP03A			178,750.00	100	178,750.00						
8203FY05	Design Integration FY05 LOE	01OCT04A	251'	30SEP05A	30SEP05A			171,028.50		171,028.50						
8203-01	General Design Integration	01OCT04A	251'	30SEP05A	30SEP05A			0.00	LOE	0.00						
8203-02	Suprt interface aux sys dev&coolant/lead routing	01OCT04A	251'	30SEP05A	30SEP05A			0.00	LOE	0.00						
8203-03	Develop /maintain Pro/E model of NCSX facility	01OCT04A	251'	30SEP05A	30SEP05A			0.00	LOE	0.00						
8203-04	Support metrology efforts	01OCT04A	251'	30SEP05A	30SEP05A			0.00	LOE	0.00						
8203-06	Complt rvw of machine assembly approach	01MAY06*	4	04MAY06	06OCT05		852	0.00		0.00						
8203-07	Rvw cryostat & conventional magnet sys design	01MAY06*	9	11MAY06	13OCT05		847	0.00		0.00						
8203-08	tolerance reqmnts for MCsuprt install fixt dwgs	01MAY06*	39	23JUN06	28NOV05		817	0.00		0.00						
8203-09	Machine suprt dsn f/compatibility with assy reqt	01MAY06*	12	16MAY06	18OCT05		844	0.00		0.00						
8203-10	Dynamic simul MC half period install fixt w/ Pro	01MAY06*	42	28JUN06	01DEC05		814	0.00		0.00						
8203-11	Document NCSX Interlink& dwg control process	01MAY06*	11	15MAY06	17OCT05		845	0.00		0.00						
8203-12	Update definition VV spool piece assy simul	01MAY06*	19	25MAY06	27OCT05		837	0.00		0.00						
8203FY06	Design Integration FY06	03OCT05A	249'	29SEP06	29SEP06		749	79,914.94	LOE	140,201.64						
8203FY07	Design Integration FY07	02OCT06*	250'	01OCT07	01OCT07		499	0.00		132,979.90						
FY05CV-45	FY05 unrecoverable cost variance	01OCT04A	251'	30SEP05A	30SEP05A			-36,000.00		-36,000.00						
Job: 8204 - Systems Analysis-BROOKS																
FY04 Actual Cost																
820.174	LOE FY04	01OCT03A	172'	30SEP04A	30SEP04A			133,179.00	LOE	133,179.00						
8204.01	Assess magnetic material in test cell	02FEB04A	85'	28MAY04A	28MAY04A			37,080.00	100	37,080.00						
8204.02	Model effects local high MU regions on MCWF	01MAY04A	29	28MAY04A	28MAY04A			18,540.00	100	18,540.00						



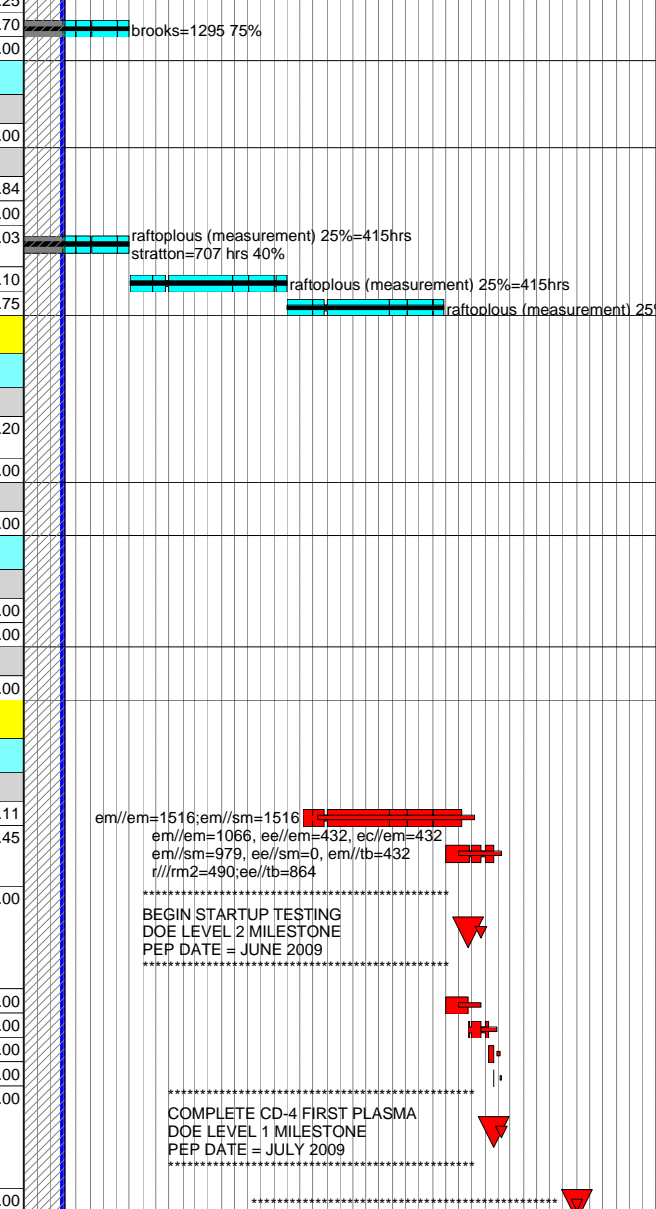
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█ Forecast
█ zECP-43 baseline
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Progress Status and Earned Value Through APRIL 30,2006

ECP-43 Baseline.
 Does not reflect all revisions presented at the May Lehman review.

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year					
											FY06	FY07	FY08	FY09	FY10	
Prior Costs																
820.173	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A	30SEP03A			44,620.00	100	44,620.00						
8204FY05	Systems Analysis FY05	01OCT04A	251*	30SEP05A	30SEP05A			256,633.25	LOE	256,633.25						
8204FY06	Systems Analysis FY06	03OCT05A	249*	29SEP06	29SEP06		749	128,482.39	LOE	225,407.70						
FY05CV-46	FY05 unrecoverable cost variance	01OCT04A	251*	30SEP05A	30SEP05A			9,000.00		9,000.00						
Job: 8205 - Dimensional Control Coordination																
Metrology																
740.135	Gary Puhl subcontract for metrology support	30SEP05A	77	30SEP05A	30SEP05A			12,810.00		12,810.00						
METFY05	Dimensional control FY05 ECP24	01FEB05A	172*	30SEP05A	30SEP05A			96,648.84	LOE	96,648.84						
FY05CV-47	FY05 unrecoverable cost variance	01OCT04A	251*	30SEP05A	30SEP05A			-20,000.00		-20,000.00						
METFY06R	Metrology for FP & machine assy FY06	03OCT05A	249*	29SEP06	29SEP06		749	107,905.00	LOE	189,307.03						
METFY07R	Metrology for FP & machine assy FY07	03OCT06*	249*	01OCT07	01OCT07		499	0.00		74,115.10						
METFY08R	Metrology for FP & machine assy FY08	03OCT07*	247*	29SEP08	29SEP08		251	0.00		75,799.75						
84 - Project Physics																
Job: 8401 - Project Physcis-ZARNSTORFF																
FY04 Actual Cost																
840.202	Project Physics/Engr Analysis FY04	01OCT03A	256*	30SEP04A	30SEP04A			99,806.20	LOE	99,806.20						
840.203	Closeout cost FY04 ECP-21	01OCT03A	256*	30SEP04A	30SEP04A			14,000.00	LOE	14,000.00						
Prior Costs																
840.201	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A	30SEP03A			210,270.00	100	210,270.00						
Job: 8402 - Project Physics MIE ORNL-LYON																
FY04 Actual Cost																
840.302	Project Physics/Engr Analysis FY04	01OCT03A	256*	30SEP04A	30SEP04A			60,876.00	LOE	60,876.00						
840.303	Closeout cost FY04 ECP-21	01OCT03A	256*	30SEP04A	30SEP04A			44,000.00	LOE	44,000.00						
Prior Costs																
840.301	Apr-Sept MIE Cost ORNL	01APR03A	152*	30SEP03A	30SEP03A			40,980.00	100	40,980.00						
85 - Integrated Systems Testing																
Job: 8501 - Integrated Systems Testing																
920.001	Procedure and Document Preparation	08NOV07	250	07NOV08	08DEC08		134	0.00		486,345.11						
920.000	Startup Personnel	02OCT08	72	22JAN09	09FEB09		134	0.00		711,219.45						
920.004	Begin Start-up Testing	24NOV08	0				134	0.00		0.00						
920.005	Punch list, Cmpl't PTP's, Reconfig, Rm temp Hi-pot	02OCT08	37	21NOV08	22DEC08		134	0.00		0.00						
920.010	Field Coil Testsing, FCPC test & E-Beam Mapping	24NOV08	25	08JAN09	26JAN09		134	0.00		0.00						
920.020	Final ISTEP	09JAN09	7	19JAN09	04FEB09		134	0.00		0.00						
920.021	Operations Approval	20JAN09	3	22JAN09	09FEB09		134	0.00		0.00						
730.9000	First Plasma		0	22JAN09	09FEB09		134	0.00		0.00						
M-0120	CD-4 First Plasma		0	31JUL09*	31JUL09*		0	0.00		0.00						



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BEGIN STARTUP TESTING
DOE LEVEL 2 MILESTONE
PEP DATE = JUNE 2009

COMPLETE CD-4 FIRST PLASMA
DOE LEVEL 1 MILESTONE
PEP DATE = JULY 2009

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	ECP-43 Baseline Finish	Shifts	Total Float in days (21 days= 1 mo.)	BCWP	Pct	ECP-43 Budget	Fiscal Year					
											FY06	FY07	FY08	FY09	FY10	
PPPL Allocations																
Job: 8998 - Allocations																
FY04 Actual Cost																
99.04	PPPL Allocations FY04	01OCT03A	256*	30SEP04A	30SEP04A			260,691.00	LOE	260,691.00						
Prior Costs																
99.03	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A	30SEP03A			112,000.00	100	112,000.00						
99.05	PPPL Allocations FY05	20OCT04A	251*	30SEP05A	30SEP05A			302,697.00	LOE	302,697.00						
99.05P	PPPL Allocations FY05 rebaseline re-estimate	01OCT04A	251*	30SEP05A	30SEP05A			48,151.80	LOE	48,151.80						
99.06	PPPL Allocations FY06	03OCT05A	249*	29SEP06	29SEP06		749	187,965.77	LOE	329,764.50	54=187.9					
99.07	PPPL Allocations FY07	02OCT06*	250*	01OCT07	01OCT07		499	0.00		332,787.30	54=187.9					
99.08	PPPL Allocations FY08	01OCT07*	249*	29SEP08	29SEP08		251	0.00		166,336.61	54=92.77					
FY05CV-43	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			56,000.00		56,000.00						
Contingency																
Contingency-Project																
99.105	Contingency FY05	01MAY06*	0*	28APR06			856	0.00		0.00						
99.107	Contingency FY07	02OCT06*	249*	28SEP07	28SEP07		500	0.00		1,804,000.00						
99.108	Contingency FY08	01OCT07*	250*	30SEP08	30SEP08		250	0.00		4,618,000.00						
99.109	Contingency FY09	01OCT08*	99*	27FEB09	27FEB09		151	0.00		1,051,000.00						
DCMA																
DCMAFY04	DCMA	01OCT03A	256*	30SEP04A	30SEP04A			75,000.00		75,000.00						

Run Date 17MAY06 12:46

Forecast
 zECP-43 baseline
 Progress Bar
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Progress Status and Earned Value Through APRIL 30,2006

ECP-43 Baseline.

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