

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY08	FY09	FY10	FY11
<b>cc 9450 - NCSX Fabrication (MIE)</b>																
<b>12 - Vacuum Vessel Systems</b>																
<b>Job: 1204 - VV Sys Procurements (nonVVSA)-DUDEK</b>																
<b>VV Vertical Supports</b>																
124-037		PPPL Fab VV Vert. Sprts (log # M1091) (complet	197		01MAY07A	01MAY07A	01MAY07A			0.00	0.00	0				
<b>VV Personnel Access Port &amp; Lateral sprts</b>																
124-110		Issue req,Bid & Award VV NB port cover	25		01OCT09*	04NOV09	04NOV09	81		0.00	0.00	0				
124-120		Award VV NB port cover	0			04NOV09*	04NOV09*	81		0.00	0.00	0				
124-130		VV NB port cover Fabrication	40		05NOV09	13JAN10	13JAN10	81		0.00	83,786.32	0				
<b>VV Local I&amp;C</b>																
1204-101		Drawings Signed -Local I&C	0			01MAY07A	01MAY07*		100	0.00	0.00	0				
1204-105		Issue req,Bid & Award -Local I&C	25		02MAY07A	06JUN07A	06JUN07		100	0.00	0.00	0				
1204-109		Award -Local I&C	0			06JUN07A	06JUN07		100	0.00	0.00	0				
1204-113		Deliver -Local I&C	40		07JUN07A	29JUN07A	02AUG07		100	34,400.96	34,400.96	23				
<b>Thermal Insulation</b>																
123-040		Issue req,Bid & Award insul boots	25		26FEB08	31MAR08	31MAR08	76		0.00	0.00	0				
123-045		Award Insulation Boots	0			31MAR08*	31MAR08*	76		0.00	0.00	0				
123-050		Fabricate& Deliver Insul Boots	130		01APR08	02OCT08	02OCT08	76		0.00	72,997.33	0				
122-035		Issue req,Bid & Award Port Thermal Insulation	25		27FEB08	01APR08	01APR08	115		0.00	0.00	0				
122-041		Award Port Thermal Insulation	0			01APR08*	01APR08*	115		0.00	0.00	0				
122-051		Deliver Port Thermal Insulation	40		02APR08	28MAY08	28MAY08	115		0.00	32,700.00	0				
122-030		Issue req,Bid & Award Pourable Insulation	25		27AUG09	01OCT09	01OCT09	176		0.00	0.00	0				
122-036.9		Award Pourable Insulation	0			01OCT09*	01OCT09*	176		0.00	0.00	0				
122-037		Deliver Pourable Insulation	40		02OCT09	30NOV09	30NOV09	176		0.00	114,560.00	0				
<b>Heater Tape for Port Stub</b>																
1204-121		Drawings Signed Heater Tape for port stubs	0			31JUL07A	04SEP07*		100	0.00	0.00	24				
1204-125		Issue req,Bid & Award -Heater Tape for port stub	25		04SEP07	08OCT07	09OCT07	141		0.00	0.00	1				
1204-129		Award Heater Tape for port stubs	0			08OCT07	09OCT07	141		0.00	0.00	1				
1204-130		Deliver Heater Tape for port stubs	40		09OCT07	05DEC07	06DEC07	141		0.00	20,143.20	1				
<b>T/C and Heater Tape Leads</b>																
1204-145		Issue req,Bid & Award-T/C and Heater Tape Leads	25		01MAY07A	01JUN07A	03OCT07		100	0.00	0.00	86				
1204-149		Award T/C and Heater Tape Leads	0			01JUN07A	03OCT07		100	0.00	0.00	86				
1204-153		Deliver T/C and Heater Tape Leads PE007375	126*		04JUN07A	28NOV07	28NOV07	136	60	21,813.31	36,355.51	0				
<b>Flux loop junction boxes and spacer templates</b>																
1204-173M		Material Delivery (desifr/fab in job 3101)	35		01JUN07A	29JUN07A	08AUG07		100	12,275.12	12,275.12	27				

Run Date 11SEP07 11:13

 Forecast  
 Progress Bar  
 Critical Activity

0708

NCSX Project  
AUGUST Status  
against proposed baseline

Sheet 1 of 49

Sorted by WBS, and Job

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY					
													FY08	FY09	FY10	FY11		
<b>Job: 1250 - Vacuum Vessel Fabrication**CLOSED**</b>																		
99.07W		Scrap value of Kirksite dies (minimum sale price)	22*		01MAY07A	31MAY07A	31MAY07A		100	-161,694.72	-161,694.72	0						
99.08W		Retroactive mxh exclusion adjustment	22*		01JUL07A	31JUL07A	31AUG07A		100	-90,000.00	-90,000.00	23						
<b>13 - Conventional Coils</b>																		
<b>Job: 1361 - TF Fabrication-KALISH</b>																		
<b>TF Title III and Fabrication Oversight</b>																		
131-033		Title III engr	348*		01MAY07A	18SEP08	18SEP08	332	LOE	86,611.53	212,758.02	0						
<b>TF Fabrication Contract</b>																		
1361C-101		Fab, Test & Deliver Coil #1	51*		01JUN07A	13AUG07A	20JUL07		100	27,210.00	27,210.00	-16						
1361C-102		Fab, Test & Deliver Coil #2	61*		01JUN07A	27AUG07A	03AUG07		100	43,590.00	43,590.00	-16						
1361C-103		Fab, Test & Deliver Coil #3	44		02JUL07A	01OCT07	31AUG07	359		40,128.50	47,210.00	-20						
1361C-104		Fab, Test & Deliver Coil #4	57*		01AUG07A	19OCT07	28SEP07	345		21,244.50	47,210.00	-15						
1361C-104M	2	** DELIVER TF COILS FOR FPA #1 ASSY **	0			19OCT07	28SEP07	345		0.00	0.00	-15						
1361C-105		Fab, Test & Deliver Coil #5	62*		01AUG07A	26OCT07	26OCT07	422		17,514.91	47,210.00	0						
1361C-106	3	Fab, Test & Deliver Coil #6	1		23NOV07*	23NOV07	23NOV07	402		0.00	47,210.00	0						
1361C-107		Fab, Test & Deliver Coil #7	1		21DEC07*	21DEC07	21DEC07	393		0.00	47,210.00	0						
1361C-108		Fab, Test & Deliver Coil #8	1		18JAN08*	18JAN08	18JAN08	380		0.00	47,210.00	0						
1361C-109		Fab, Test & Deliver Coil #9	1		12FEB08*	12FEB08	12FEB08	374		0.00	47,210.00	0						
1361C-110		Fab, Test & Deliver Coil #10	1		06MAR08*	06MAR08	06MAR08	357		0.00	47,210.00	0						
1361C-111		Fab, Test & Deliver Coil #11	1		31MAR08*	31MAR08	31MAR08	348		0.00	47,210.00	0						
1361C-112		Fab, Test & Deliver Coil #12	1		23APR08*	23APR08	23APR08	331		0.00	47,210.00	0						
1361C-113		Fab, Test & Deliver Coil #13	1		16MAY08*	16MAY08	16MAY08	418		0.00	47,210.00	0						
1361C-114		Fab, Test & Deliver Coil #14	1		10JUN08*	10JUN08	10JUN08	402		0.00	47,210.00	0						
1361C-115		Fab, Test & Deliver Coil #15	1		03JUL08*	03JUL08	03JUL08	385		0.00	47,220.00	0						
1361C-116		Fab, Test & Deliver Coil #16	1		28JUL08*	28JUL08	28JUL08	369		0.00	47,220.00	0						
1361C-117		Fab, Test & Deliver Coil #17	1		20AUG08*	20AUG08	20AUG08	352		0.00	47,220.00	0						
1361C-118		Fab, Test & Deliver Coil #18	1		12SEP08*	12SEP08	12SEP08	336		0.00	47,220.00	0						
1351-195X	3	ALL TF COILS DELIVERED	0			18SEP08	18SEP08	332		0.00	0.00	0						
<b>FY07 Rebaseline Exercise</b>																		
ECP53RBX03		FY07 Rebaseline exercise	22*		01MAY07A	31MAY07A	31MAY07A		100	1,393.84	1,393.84	0						
99.07X		Retroactive MHX exclusion	22*		01MAY07A	31MAY07A	31MAY07A		100	-38,281.20	-38,281.20	0						
<b>Job: 1302 - PF Design -KALISH</b>																		
<b>FY07 Rebaseline Exercise</b>																		
ECP53RBX02		FY07 Rebaseline exercise	22*		01MAY07A	31MAY07A	31MAY07A			4,529.98	4,529.98	0						

EA/EM =1060hr ; 35=05\$K ; 41=8 em/tb=68

LEVEL II MILESTONE DATE  
DECEMBER 2007

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY					
													FY08	FY09	FY10	FY11		
1302-200		Complete PF Coil SRD	6		30JUL07A	14SEP07	28AUG07	87	10	418.15	4,181.52	-12						
1302-205		Update PF Analysis	25		06AUG07A	05OCT07	24OCT07	75	30	8,433.99	28,113.31	13						
1302-210		Update PF Coil SDD	40		12SEP07A	26NOV07	21DEC07	79	10	431.26	4,312.60	17						
1302-211		Complete PF4 PDR Model	15		30JUL07A	01OCT07	26SEP07	79	75	10,471.10	13,961.46	-3						
1302-212		Complete PF5 PDR Model	15		07AUG07A	01OCT07	24OCT07	79	75	10,474.15	13,965.53	17						
1302-213		Complete PF6 PDR Model	10		07AUG07A	01OCT07	21NOV07	79	75	10,474.15	13,965.53	37						
1302-251		PDR Level Design Support	15		07AUG07A	02OCT07	23NOV07	87	20	2,099.69	10,498.43	38						
1302-220		Prepare for PDR	9		08OCT07	18OCT07	07DEC07	75		0.00	16,346.88	34						
1302-225		PF Coils - PDR	1	R	19OCT07	19OCT07	11DEC07	75		0.00	2,972.16	35						
1302-225M	2	PF Coil PDR	0			19OCT07	11DEC07	75		0.00	0.00	35						
1302-240		Disposition PDR Chits	6		22OCT07	29OCT07	17JAN08	83		0.00	4,458.24	49						
1302-214		Prepare,Review & Approve conductor spec	16		30OCT07	20NOV07	29JAN08	83		0.00	2,972.16	41						
1302-216		Prepare,Review & Approve coil spec	16		30OCT07	20NOV07	26FEB08	93		0.00	8,916.48	61						
1302-235		Detail Drawings PF4	20		22OCT07	16NOV07	17JAN08	75		0.00	14,860.80	35						
1302-245		Detail Drawings PF5	30		22OCT07	04DEC07	14FEB08	75		0.00	14,860.80	45						
1302-260		Detail Drawings PF6	20		22OCT07	16NOV07	13MAR08	85		0.00	14,860.80	75						
1302-250		Analysis Support	30		22OCT07	04DEC07	13MAR08	75		0.00	13,003.20	65						
1302-217		Drawing Support	30		22OCT07	04DEC07	13MAR08	75		0.00	11,145.60	65						
1302-218		PF Stress Analysis with leads	20		11SEP07*	08OCT07	31JAN08	114		0.00	21,322.68	74						
1302-265		Prepare for FDR	10		05DEC07	18DEC07	20MAR08	75		0.00	16,346.88	60						
1302-270	3	PF Coils - FDR	2	R	19DEC07	20DEC07	24MAR08	75		0.00	2,972.16	60						
1302-275		Resolve FDR Chits	10		21DEC07	14JAN08	21APR08	180		0.00	14,860.80	70						
<b>Job: 1352 - PF Coil Procurement-KALISH</b>																		
<b>PF Coil Fabrication</b>																		
141-035		Bid & Award PF Coil Fabrication	45		21DEC07	03MAR08	27MAY08	75		0.00	35,811.60	60						
141-036	2	PF Coils Awarded	0			03MAR08	27MAY08	75		0.00	0.00	60						
141-037		Bid & Award Conductor	25		28MAR08	01MAY08	27MAY08	102		0.00	8,916.48	17						
141-038	3	PF Conductor Awarded	0			01MAY08*	27MAY08*	102		0.00	0.00	17						
141-038.1		PF Conductor Delivery	65		02MAY08	04AUG08	27AUG08	102		0.00	149,635.20	17						
141-039		Bid & Award Materials	25		27JUN08	01AUG08	01AUG08	58		0.00	8,916.48	0						
141-040		PF Materials Awarded	0			01AUG08*	01AUG08*	58		0.00	0.00	0						
1352-100		Materials Delivery PF 4,5,6	45		04AUG08	06OCT08	06OCT08	58		0.00	178,529.66	0						
1352-121		Design/Fab Tooling for PF 5	80		04MAR08	24JUN08	18SEP08	75		0.00	280,747.50	60						
1352-122		Design/Fab Tooling for PF 6	80		28JUL08*	17NOV08	17NOV08	18		0.00	331,639.61	0						
1352-120		Tooling for PF 4	55		25JUL08*	10OCT08	10OCT08	54		0.00	74,072.29	0						
1352-150		Fabricate/Divr PF 4 lower	35		13OCT08	02DEC08	02DEC08	54		0.00	21,125.10	0						
1352-151		Fabricate/Divr PF 4 upper	45		03DEC08	12FEB09	12FEB09	405		0.00	21,125.10	0						
1352-165		Fabricate/Divr PF 5 Lower	45		25JUN08	27AUG08	20NOV08	75		0.00	72,313.75	60						
1352-145		Fabricate/Divr PF 6 Lower	45		18NOV08	30JAN09	04FEB09	18		0.00	86,654.95	3						
1352-166		Fabricate/Divr PF 5 Upper	35		02FEB09	20MAR09	25MAR09	344		0.00	74,148.05	3						

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													FY08	FY09	FY10	FY11				
1352-146		Fabricate/Dlvr PF 6 Upper	35		23MAR09	08MAY09	13MAY09	344		0.00	86,654.95	3								
141-031		Title III engr WBS 132	241		02MAY08	21APR09	14MAY09	863	LOE	0.00	148,047.05	17								
141-900		PF4 Lower Inspection & Test	5		03DEC08	09DEC08	09DEC08	54		0.00	3,561.30	0								
141-900A		PF4 Upper Inspection & Test	5		13FEB09	19FEB09	19FEB09	405		0.00	3,561.30	0								
141-901		PF5 Lower Inspection & Test	5		28AUG08	04SEP08	01DEC08	120		0.00	3,459.80	60								
141-902		PF6 Lower Inspection & Test	5		02FEB09	06FEB09	11FEB09	18		0.00	3,561.30	3								
141-905		PF5 Upper Inspection & Test	5		23MAR09	27MAR09	01APR09	379		0.00	3,561.30	3								
141-906		PF6 Upper Inspection & Test	5		11MAY09	15MAY09	20MAY09	344		0.00	3,561.30	3								
141-903		Refurbish PF 1a	20		18FEB10*	17MAR10	17MAR10	101		0.00	6,820.80	0								
141-904		Assemble PF1a and CS structure	30		18MAR10	28APR10	28APR10	101		0.00	21,550.00	0								
<b>Job: 1353 - CS Structure Procurement-DAHLGREN</b>																				
<b>CS Support Structure</b>																				
1353-001		Design PF1a upper to lower interconnect bus	12		10MAR08*	25MAR08	01JUN09	17		0.00	11,991.00	296								
1353-002		Engr & analysis of bus	14		26MAR08	14APR08	29JUN09	17		0.00	14,860.80	302								
1353-003		Bid & Award PF1a bus	40		30JUN09*	25AUG09	01SEP09	106		0.00	0.00	5								
1353-004		Award PF1a bus	0			25AUG09	01SEP09*	106		0.00	0.00	5								
1353-005		Fab & Deliver PF1a bus	130		26AUG09	10MAR10	17MAR10	106		0.00	48,117.09	5								
163-035		Bid & Award CS Support Struct	40		08JUL09	01SEP09	01SEP09	101		0.00	0.00	0								
163-036.9		Award CS Support Structure	0			01SEP09*	01SEP09*	101		0.00	0.00	0								
163-037		CS Support Structure Procurement/Fab	130		02SEP09	17MAR10	17MAR10	101		0.00	247,857.24	0								
163-015		Title III design CS spt struc	170*		08JUL09	17MAR10	17MAR10	101	LOE	0.00	13,679.11	0								
<b>Job: 1354 - Trim Coil Design &amp; Procurement-KALISH</b>																				
<b>Trim Coils</b>																				
1303-101		Complete Trim Coil SRD	10		01OCT08*	14OCT08	14OCT08	13		0.00	1,529.68	0								
1303-103		Analysis	15		15OCT08*	04NOV08	04NOV08	13		0.00	15,296.80	0								
1303-105		FDR Dwgs for coils and supports	20		05NOV08*	04DEC08	04DEC08	13		0.00	16,061.64	0								
1303-107		Prepare for FDR	5		05DEC08*	11DEC08	11DEC08	13		0.00	3,059.36	0								
1303-110		Trim Coil FDR	1	R	12DEC08*	12DEC08	12DEC08	13		0.00	1,529.68	0								
1303-112		Prepare Procurement Coil Spec	5		15DEC08*	19DEC08	19DEC08	28		0.00	4,589.04	0								
1303-114		Disposition FDR Chits	5		15DEC08*	19DEC08	19DEC08	28		0.00	1,529.68	0								
1303-116		Detail Fabrication Drawings	20		15DEC08*	20JAN09	20JAN09	13		0.00	12,237.44	0								
184-035		Bid & Award Ext Trim Coils	45		21JAN09	24MAR09	24MAR09	13		0.00	4,589.04	0								
184-036		Award External Trim Coils	0		25MAR09	24MAR09	24MAR09	13		0.00	0.00	0								
184-037		External Trim Coil & Supports Procurement	88		25MAR09	28JUL09	28JUL09	13		0.00	47,078.90	0								
1303-040		Procure materials for supports	20		22DEC08	27JAN09	27JAN09	121		0.00	11,574.04	0								
1303-041		Fabricate Supports	20		28JAN09	24FEB09	24FEB09	121		0.00	6,357.76	0								
1303-042		Install supports onto coils	15		29JUL09	18AUG09	18AUG09	13		0.00	11,185.84	0								
184-015		Title III WBS 133 Rxt Trim Coils	88		25MAR09	28JUL09	28JUL09	13	LOE	0.00	25,285.36	0								
<b>Job: 1355 - WBS 13 I&amp;C Proc and Coil Assy-KALISH</b>																				
<b>TF/PF Local I&amp;C</b>																				
1355-101		Design, and Review	60		01FEB08*	24APR08	24APR08	86		0.00	11,145.60	0								

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													FY08	FY09	FY10	FY11				
1355-103		Prepare Installation Procedures	20		25APR08	22MAY08	22MAY08	86		0.00	3,715.20	0								
1355-105		TF/PF Local I&C - FDR	1	R	23MAY08	23MAY08	23MAY08	86		0.00	1,486.08	0								
1355-107		Prep req,bid,award T/C and wire	20		27MAY08	23JUN08	23JUN08	86		0.00	2,229.12	0								
1355-109		Deliver of T/C and wire	40		24JUN08	19AUG08	19AUG08	86		0.00	13,080.00	0								
1355-111		Installation on PF4,5,6 Coils upon delivery	20		12JAN09	06FEB09	11FEB09	18		0.00	9,745.80	3								
1355-112		Installation on TF Coils upon delivery	45		01OCT08*	04DEC08	04DEC08	57		0.00	29,046.19	0								
1355-113		Installation on PF1a Coils upon delivery	3		15MAR10	17MAR10	17MAR10	101		0.00	1,561.87	0								
<b>14 - Modular Coils</b>																				
<b>Job: 1404 - MCWF R&amp;D 1st Prod Casting**CLOSED**</b>																				
99.07Z		Retroactive MHX exclusion	22*		01MAY07A	31MAY07A	31MAY07A			-35,940.00	-35,940.00	0								
<b>Job: 1416 - Mod Coil Type AB Fnl Dsn-WILLIAMSON</b>																				
<b>Clamp hardware modifications</b>																				
1416-204.1		Modify Type-B clamps for stud attachment	42*		01JUN07A	31JUL07A	13JUL07	100		7,786.00	7,786.00	-12								
<b>Blanket thermal insulation</b>																				
1416-304		Revise assembly models/drawings	5		01JUN07A	07JUL07A	07JUN07	100		9,343.20	9,343.20	-20								
1416-305		Review and approve insulation concept	5		08JUN07A	14JUN07A	14JUN07	100		6,413.90	6,413.90	0								
1416-3198		Report Results & Issue Dwgs	0*		02JUL07A	31JUL07A	28JUN07	100		7,622.64	7,622.64	-22								
<b>Top level assy models/drawings</b>																				
1416-503		Complete models/drawings of power cable connect	80		01JUL07A	04JAN08	21NOV07	56	20	3,808.59	19,042.95	-23								
1416-504		80Complete models/drawings of protective covers	80		01JUL07A	21NOV07A	21NOV07	100		18,959.10	18,959.10	0								
1416-507		100Update, review and approve coil asm spec	21		02JUL07A	31JUL07A	28NOV07	100		12,457.60	12,457.60	85								
1416-508		Complete drawing rev to leads, terminal asm (ECN	86		01MAY07A	20SEP07	30MAY07	123	95	11,834.72	12,457.60	-79								
1416-506	3	Check and promote top-level models/drawings	101*		01JUL07A	21NOV07	21NOV07	79	90	11,375.46	12,639.40	0								
1416-509		MC Assy FDR	0			26JUL07A		100		0.00	0.00	0								
<b>Analysis and closeout documentation</b>																				
1416-601	3	Prepare EM and structural analysis of leads	27		01OCT07*	06NOV07	06NOV07	65		0.00	110,106.72	0								
1416-602		Design memo KF structural analysis	126*		01JUN07A	27NOV07	27NOV07	65	90	13,552.06	15,057.84	0								
1416-603		Update, review and approve FMECA	5		28NOV07	06DEC07	06DEC07	65		0.00	9,705.60	0								
1416-604		Finalize draft documents - materials, eddy curre	5		07DEC07	13DEC07	13DEC07	65		0.00	6,470.40	0								
1416-605	3	Prepare Type-ABC closeout FDR	15		07JAN08	25JAN08	14JAN08	56		0.00	11,646.72	-9								
1416-606		Resolve FDR comments	15		28JAN08	15FEB08	04FEB08	56		0.00	11,646.72	-9								
<b>Type C Design Closeout</b>																				
1403-47C		Perform cool-down/warmup analysis	26		01OCT07*	05NOV07	05NOV07	445		0.00	7,430.40	0								
<b>Job: 1408 - MC Winding Supplies-CHRZANOWSKI</b>																				
1408-1		Procure Batt insulation	0*		01JUN07A	29JUN07A	31MAY07	100		10,208.00	10,208.00	-21								
1408-2		Epoxy (existing order)	187*		23MAY07A	25FEB08	25FEB08	125	LOE	22,103.44	58,166.95	0								
1408-3		Misc and safety supplies (\$7k/mo.)	188*		23MAY07A	26FEB08	26FEB08	189	LOE	30,783.90	81,438.89	0								

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY				
													FY08	FY09	FY10	FY11	
1408-4		Procure & Deliver Thermocouples PE007557	6*		01AUG07A	31AUG07A	11SEP07		100	66,352.00	66,352.00	6					
1408-4.1		Procure & Deliver Strain Gages	65		01OCT07*	10JAN08	11MAR08	180		0.00	49,704.00	43					
1408-5		Epoxy/glass for mold shell	164*		23MAY07A	23JAN08	23JAN08	126	LOE	7,263.88	16,775.71	0					
1408-6		VPI clean manifold contract	210*		23MAY07A	27MAR08	27MAR08	128	LOE	4,374.69	12,942.86	0					
1408-7		Misc tech shop support	250*		23MAY07A	22MAY08	22MAY08	127	LOE	14,236.24	50,127.62	0					
1408-8		Cutting hardware for flange bolts	250*		23MAY07A	22MAY08	22MAY08	1,089	LOE	1,104.60	3,889.44	0					
<b>Job: 1411 - MCWF Fabr. S005242-HEITZENROEDER</b>																	
99.09W		Retroactive mxh exclusion adjustment	213		01JUL07A	31JUL07A	31AUG07A		100	-90,000.00	-90,000.00	23					
MCWF-001		EIO Contract Accrued/cost to date =\$9,216,000k	213*		02OCT06A	30APR07A	30APR07A		100	0.00	0.00	0					
MCWF-002		EIO Contract TOTAL EAC =\$9,218,637k	213*		30APR07A	30APR07A	30APR07A		100	0.00	0.00	0					
MCWF-003		Contract closeout final cost increment	20		06JUN07A	06JUN07A			100	2,640.00	2,640.00	-26					
MCWF-571		B6-MTM - machining/inspection	230*		06JUN06A	06JUN07A	06JUN07		100	0.00	0.00	0					
MCWF-581		B6-Receive at PPPL	0			07JUN07A	07JUN07		100	0.00	0.00	0					
MCWF-004		PPPL Oversight	28		01MAY07A	07JUN07A	08JUN07		100	6,969.20	6,969.20	1					
MCWF-301		C6-MTM - machining/inspection	313*		03APR06A	08MAY07A	08MAY07		100	0.00	0.00	0					
MCWF-311		C6-Receive at PPPL	0			09MAY07A	09MAY07		100	0.00	0.00	0					
<b>Job: 1451 - Mod Coil Winding-CHRZANOWSKI</b>																	
<b>Station 1a/4 Casting Prep</b>																	
P1-061		Receive A5, Prep& Instl Cladding	51*	2*	19APR07A	22MAY07A	22MAY07		100	47,982.05	47,982.05	0					
P2-031		Receive C6, Prep& Instl Cladding	44	1.5	02JUL07A	24SEP07	26FEB08	139	60	28,744.14	47,906.90	102					
P3-061		Receive B5, Prep& Instl Cladding	40	1.5	25JUN07A	10SEP07	21AUG07	74	95	38,423.46	47,906.90	-13					
P1-151		Receive A6, Prep& Instl Cladding	27	1.5	19SEP07*	25OCT07	25OCT07	68		0.00	50,132.70	0					
P3-151		Receive B6, Prep& Instl Cladding	27	1.5	26OCT07*	05DEC07	03APR08	116		0.00	51,069.88	79					
<b>Station 2-Winding, Instl Chill Plates,Tubing,Bag</b>																	
P2-161		Wind coil B4	54*	2	16APR07A	12JUN07A	12JUN07		100	124,549.74	124,549.74	0					
P2-170		100Instl Chill Plates,Tubing,Bag B4	31*	1	13JUN07A	26JUL07A	13JUL07		100	61,861.52	61,861.52	-9					
P3-071		Wind coil B5	76	1	11SEP07	07JAN08	10DEC07	78		0.00	131,258.63	-13					
P3-080		Instl Chill Plates,Tubing,Bag B5	22	2	08JAN08	06FEB08	18JAN08	78		0.00	65,946.16	-13					
P3-161		Wind coil B6	38	2	07FEB08	31MAR08	28MAY08	78		0.00	132,773.54	41					
P3-170		Instl Chill Plates,Tubing,Bag B6	22	2	01APR08	30APR08	27JUN08	78		0.00	65,946.16	41					
<b>Station 3-Winding, Instl Chill Plates,Tubing,Bag</b>																	
P2-080		Instl Chill Plates,Tubing,Bag B3	64*	2	01APR07A	09MAY07A	09MAY07		100	61,861.52	61,861.52	0					
P2-131		Wind coil A5	53*	1	23MAY07A	31JUL07A	07AUG07		100	124,549.74	124,549.74	5					
P2-140		Instl Chl Plates,Tubing, Bag A5	26	1	30JUL07A	06SEP07	09OCT07	163	95	58,768.44	61,861.52	23					
P1-161		Wind coil A6	38	2	26OCT07	20DEC07	20DEC07	68		0.00	132,773.54	0					
P1-170		Instl Chill Plates,Tubing,Bag A6	22	2	21DEC07	30JAN08	30JAN08	68		0.00	65,946.16	0					
P2-041		Wind coil C6	38	2	31JAN08	24MAR08	18APR08	68		0.00	132,773.54	19					

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY							
													FY08	FY09	FY10	FY11				
P2-050		Instl Chl Plates,Tubing, Bag C6	22	2	25MAR08	23APR08	20MAY08	68		0.00	65,946.16	19								
<b>Station 5-VPI</b>																				
P2-081V		VPI (Station 5) B3	11	2	10MAY07A	24MAY07A	24MAY07		100	44,840.62	44,840.62	0								
P3-081V		VPI (Station 5) B4	21	2	02JUL07A	31JUL07A	30JUL07		100	44,840.62	44,840.62	-1								
P1-081V		VPI (Station 5) A5	11	2	07SEP07*	21SEP07	24OCT07	202		0.00	44,840.62	23								
P2-171V		VPI (Station 5) B5	11	2	07FEB08	21FEB08	04FEB08	116		0.00	47,801.36	-13								
P1-171V		VPI (Station 5) A6	11	2	01FEB08*	15FEB08	15FEB08	134		0.00	47,801.36	0								
P2-051V		VPI (Station 5) C6	11	2	24APR08	08MAY08	05JUN08	68		0.00	47,801.36	19								
P3-171V		VPI (Station 5) B6	11	2	09MAY08	23MAY08	15JUL08	72		0.00	47,801.36	35								
P3-171VM	2	COMPLETE VPI OF 18th MOD COIL	0	2		23MAY08	15JUL08	72		0.00	0.00	35								
<b>Station 1 Post VPI</b>																				
P3-141C		Final Clamps & Warm Test (Station1) A4	18*	1	25JUN07A	19JUL07A	26JUL07		100	24,415.54	24,415.54	5								
P2-081C		Final Clamps & Warm Test (Station1) B3	12*	1		16AUG07A	16AUG07		100	24,415.54	24,415.54	0								
P3-081C		Final Clamps & Warm Test (Station1) B4	35*	1	04AUG07A	24SEP07	07SEP07	178	30	7,324.66	24,415.54	-11								
P1-081C		Final Clamps & Warm Test (Station1) A5	15	1	02NOV07*	22NOV07	22NOV07	173		0.00	26,027.60	0								
P3-171C		Final Clamps & Warm Test (Station1) B5	15	1	22FEB08	13MAR08	25FEB08	116		0.00	26,027.60	-13								
P1-171C		Final Clamps & Warm Test (Station1) A6	15	1	18FEB08	07MAR08	07MAR08	134		0.00	26,027.60	0								
P2-051C		Final Clamps & Warm Test (Station1) C6	15	1	09MAY08	30MAY08	26JUN08	68		0.00	26,027.60	19								
P2-171C		Final Clamps & Warm Test (Station1) B6	15	1	02JUN08	20JUN08	05AUG08	68		0.00	26,027.60	31								
<b>LOE Oversight &amp; Supervision</b>																				
145XSPRV-1		Winding Engineering oversight and supervision	298*		01MAY07A	09JUL08	09JUL08	1,057	LOE	155,216.37	531,562.91	0								
145XSPRV-2		Winding Engineering oversight and supervision	250*		01MAY07A	30APR08	30APR08	1,105	LOE	52,872.29	151,931.88	0								
145XSPRV-3		Winding Engineering oversight and supervision	337*		01MAY07A	03SEP08	03SEP08	1,018	LOE	45,555.71	176,572.52	0								
<b>Job: 1459 - Mod Coil Fabr.Punch List-CHRZANOWSKI</b>																				
<b>Punchlist Tech shop/RESA</b>																				
PLTS-B2		Grinding -B2	13*	1	18JUN07A	22JUN07A	19JUL07		100	15,706.35	15,706.35	18								
PLTS-A2		100100Grinding -A2	11*	1	25JUN07A	10JUL07A	10JUL07		100	3,682.35	3,682.35	0								
PLTS-B1		Grinding -B1	8	1	04SEP07*	13SEP07	17JUL07	19	80	2,945.88	3,682.35	-41								
PLTS-A1		Grinding -A1	18	1		31AUG07A	12SEP07		100	6,688.35	6,688.35	7								
PLTS-C1		Grinding & Drill Holes -C1	20	1	14SEP07	11OCT07	10OCT07	43		0.00	18,571.68	-1								
PLTS-C2		25Grinding & Drill Holes -C2	91*	1	02JUL07A	07NOV07	07NOV07	43	25	4,598.75	18,395.01	0								
PLTS-C3		Grinding & Drill Holes -C3	20	1	08NOV07	07DEC07	07DEC07	43		0.00	19,226.40	0								
PLTS-C4		Grinding & Drill Holes -C4	20	1	10DEC07	15JAN08	15JAN08	43		0.00	19,226.40	0								
PLTS-A3		Grinding -A3	5	1		31AUG07A	22JAN08		100	3,682.35	3,682.35	92								
PLTS-B3		Grinding -B3	5	1	16JAN08	22JAN08	29JAN08	78		0.00	3,925.39	5								
PLTS-A4		Grinding -A4	5	1		31AUG07A	05FEB08		100	3,682.35	3,682.35	102								
PLTS-B4		Grinding -B4	5	1	23JAN08	29JAN08	12FEB08	101		0.00	3,925.39	10								

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY							
													FY08	FY09	FY10	FY11				
PLTS-C5		Grinding & Drill Holes -C5	20	1	30JAN08	26FEB08	11MAR08	101		0.00	19,226.40	10								
PLTS-A5		Grinding -A5	5	1	27FEB08	04MAR08	18MAR08	114		0.00	3,925.39	10								
PLTS-B5		Grinding -B5	5	1	14MAR08	20MAR08	25MAR08	116		0.00	3,925.39	3								
PLTS-A6		Grinding -A6	5	1	21MAR08	27MAR08	01APR08	125		0.00	3,925.39	3								
PLTS-B6		Grinding -B6	5	1	23JUN08	27JUN08	12AUG08	68		0.00	3,925.39	31								
PLTS-C6		Grinding & Drill Holes -C6	20	1	30JUN08	28JUL08	10SEP08	68		0.00	19,226.40	31								
<b>Punchlist- Coil Technicians</b>																				
PLCT-B2		Insul,measure,TC other punch list-B2	7	2	04SEP07*	12SEP07	23AUG07	13		0.00	15,480.90	-13								
PLCT-A2		Insul,measure,TC, other punch list-A2	7	2	13SEP07	21SEP07	18SEP07	13		0.00	15,480.90	-3								
PLCT-B1		Insul,measure,TC, other punch list-B1	7	2	24SEP07	02OCT07	27SEP07	13		0.00	15,772.83	-3								
PLCT-A1		Insul,measure,TC, other punch list-A1	9	2	03OCT07	15OCT07	10OCT07	13		0.00	20,428.05	-3								
PLCT-C1		Insul,measure,TC, other punch list-C1	18	1	16OCT07	08NOV07	05NOV07	50		0.00	20,748.49	-3								
PLCT-C2		Insul,measure,TC, other punch list-C2	9	2	09NOV07	21NOV07	20NOV07	50		0.00	20,428.05	-1								
PLCT-C3		Insul,measure,TC, other punch list-C3	18	1	10DEC07	11JAN08	11JAN08	45		0.00	20,748.49	0								
PLCT-C4		Insul,measure,TC, other punch list-C4	159*	1	25JUN07A	15FEB08	11FEB08	43	15	3,176.81	21,178.71	-4								
PLCT-A3		Insul,measure,TC, other punch list-A3	17	1	18FEB08	11MAR08	05MAR08	43		0.00	19,306.51	-4								
PLCT-B3		Insul,measure,TC, other punch list-B3	14	1	12MAR08	31MAR08	25MAR08	46		0.00	16,502.66	-4								
PLCT-A4		Insul,measure,TC, other punch list-A4	17	1	01APR08	23APR08	17APR08	46		0.00	19,306.51	-4								
PLCT-B4		Insul,measure,TC, other punch list-B4	14	1	24APR08	13MAY08	07MAY08	46		0.00	16,502.66	-4								
PLCT-C5		Insul,measure,TC, other punch list-C5	18	1	14MAY08	09JUN08	03JUN08	46		0.00	20,428.05	-4								
PLCT-A5		Insul,measure,TC, other punch list-A5	14	1	10JUN08	27JUN08	23JUN08	46		0.00	16,502.66	-4								
PLCT-B5		Insul,measure,TC, other punch list-B5	14	1	30JUN08	18JUL08	14JUL08	46		0.00	16,502.66	-4								
PLCT-A6		Insul,measure,TC,SG other punch list-A6	14	1	21JUL08	07AUG08	01AUG08	46		0.00	16,502.66	-4								
PLCT-B6		Insul,measure,TC,SG other punch list-B6	14	1	08AUG08	27AUG08	02SEP08	46		0.00	16,502.66	3								
PLCT-C6		Insul,measure,TC,SG other punch list-C6	14	1	28AUG08	17SEP08	30SEP08	46		0.00	16,422.55	9								
PLCT-C6M	2	COMPLETE MODULAR COIL FABRICATION	0	1		17SEP08	30SEP08	46		0.00	0.00	9								
<b>Job: 1421 - Mod Coil Interface Design-WILLIAMSON</b>																				
<b>Outboard Interface</b>																				
IH4-020		Prepare outboard shim dwgs and release	45		01MAY07A	25JUN07A	03JUL07		100	9,343.20	9,343.20	6								
INTRF-045	3	FDR prep outboard shims	10		25JUN07A	29JUN07A	18JUL07		100	6,228.80	6,228.80	12								
INTRF-046		Outboard shims - FDR	0	R		29JUN07A	18JUL07		100	0.00	0.00	12								
INTRF-047		Resolve chit's and issue outboard shim drawings	27*			07SEP07A	26JUL07		100	9,343.20	9,343.20	-30								
INTRF-048		FDR Bolted Joint	0			31JUL07A			100	0.00	0.00	0								
<b>Outboard Interface-Bolted Joint Tests-Tension</b>																				
1421-3067		Procure 2 studs f/joint test.Use existing part	11*		01AUG07A	15AUG07A	26JUL07		100	6,089.76	6,089.76	-14								
1421-3075		Setup test fixture &perform JHA & pre-job brief	2		04SEP07*	05SEP07	30JUL07	-17		0.00	2,408.96	-26								
1421-3077		Meas joint deflect vs preload & loss of preload	3		06SEP07	10SEP07	02AUG07	-17		0.00	5,423.28	-26								
1421-3079		Measure joint deflec & preload v. temp @80K	3		11SEP07	13SEP07	07AUG07	-17		0.00	5,423.28	-26								
1421-3084		Measure joint deflection&preload v. cooldown cyc	3		14SEP07	18SEP07	10AUG07	-17		0.00	5,423.28	-26								
1421-3087		Perform pullout tests for tapped holes	3		19SEP07	21SEP07	15AUG07	-17		0.00	5,423.28	-26								



Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY					
													FY08	FY09	FY10	FY11		
1421-3081		Meas joint deflect & preload v. time (days) at	20		24SEP07	19OCT07	13SEP07	-17		0.00	37,946.80	-26						
1421-3090		Document&conduct review of test results	19		22OCT07	15NOV07	20SEP07	-17		0.00	6,431.60	-40						
<b>Outboard Interface-Bolted Joint Tests-Shear</b>																		
1421-3112B		Procure/fab parts for test&initial assembly	44		02JUL07A	05SEP07	25JUL07	-19	50	9,396.40	18,792.80	-29						
1421-3115B		Assemble & test	31		06SEP07	18OCT07	10SEP07	-19		0.00	58,442.28	-28						
1421-3119B		Document test results	22		19OCT07	19NOV07	01OCT07	-19		0.00	12,940.80	-35						
<b>Inboard Interface-AB/BC/AA</b>																		
IH1-001		Coil to coil scoping analysis	40*		01JUN07A	27JUL07A	27JUL07		100	116,974.40	116,974.40	0						
1421-3125		Determine geometry&location of high COF shims&pl	66*		01MAY07A	31JUL07A	26JUN07		100	12,457.60	12,457.60	-24						
1421-3127		Structural analyses to performance rqmts for bol	23*		02JUL07A	31JUL07A	25JUL07		100	37,372.80	37,372.80	-4						
1421-3131		10PDR prep for requirements, design,&development	5		02JUL07A	31JUL07A	01AUG07		100	6,228.80	6,228.80	1						
1421-3132		Review requirements - PDR	0			02AUG07A	01AUG07		100	0.00	0.00	-1						
INTRF-049		prep winding form mods f/weld clamp boltsDELETED	0		04SEP07	31AUG07	22AUG07	1,268	0	0.00	0.00	-7						
INTRF-050		Complete Shim fabrication drawings (ORNL)	37		02JUL07A	28SEP07	22AUG07	-23	66	24,666.05	37,372.80	-26						
INTRF-051		Release info for procurement of shim material	21*		02JUL07A	31JUL07A	31JUL07		100	3,737.28	3,737.28	0						
1421-3134		Issue interface dwgs for comment	52*		01MAY07A	13JUL07A	15AUG07		100	46,716.00	46,716.00	23						
INTRF-040		ANalysis of tensile loads (ORNL)	88*		01MAY07A	04SEP07	15AUG07	0	50	24,915.20	49,830.40	-13						
INTRF-054		FDR prep AB/BC/AA inboard Interface	5		01OCT07	05OCT07	04SEP07	-23	0	0.00	12,863.20	-23						
INTRF-055	2	AB/BC/AA inboard interface - FDR	0			05OCT07*	04SEP07	-23	0	0.00	0.00	-23						
1421-3138		Resolve issues, release assembly spec&drawings	5		08OCT07	12OCT07	11SEP07	-23		0.00	38,822.40	-23						
INTRF-064		Delta PDR	30		04SEP07	15OCT07			1,238	0.00	0.00	0						
<b>Inboard Interface-CC</b>																		
IH1-000		ESTABLISH CONCEPT	25*		02JUL07A	31JUL07A	23JUL07		100	118,347.20	118,347.20	-6						
IH1-0000		PEER REVIEW OF JOINT CONCEPT	1*			07AUG07A	02AUG07		100	0.00	0.00	-3						
1421-3143		Add bolt holes to C winding form dwg CC interfac	11			22AUG07A	17AUG07		100	21,800.80	21,800.80	-3						
1421-3143X		Release dwg for add'l holes in C coil	0			22AUG07A	17AUG07		100	0.00	0.00	-3						
1421-3145		Bolt reach & access study (mockup)	6		01OCT07*	08OCT07	08OCT07	449	20	6,349.60	31,748.00	0						
1421-3146		Tooling development for C-C bolt access*NEW TASK	48		04SEP07	08NOV07		426	20	9,452.68	47,263.38	0						
1421-3140		Prep C-C shim drawings and release	14		09NOV07	28NOV07	26OCT07	426		0.00	58,233.60	-23						
1421-3142		FDR Prep for C-C joint	42		03DEC07	07FEB08	07JAN08	426		0.00	6,470.40	-23						
1421-3144	3	Mod Coil C-C Joint - FDR	0	R		07FEB08	07JAN08	426		0.00	0.00	-23						
<b>Weld Access test</b>																		
INTRF-025		100100ORNL build plywood mockup of flange	20		02JUL07A	30JUL07A	11JUN07		100	51,800.80	51,800.80	-34						
INTRF-030		ORNL verify weld access	7		02JUL07A	31JUL07A	20JUN07		100	45,228.80	45,228.80	-28						
INTRF-010		Develop Weld Geometry Procedure	5		02JUL07A	31JUL07A	27JUN07		100	6,969.20	6,969.20	-23						
<b>INTRF-100</b>																		
INTRF-100		Misc travel, meetings,reporting,job 1416&1421	207*		01MAY07A	29FEB08	29FEB08	1,148	LOE	97,898.97	233,092.79	0						
REBASE1421		Re-baseline exercise	0*		01JUN07A	29JUN07A	15JUN07		100	39,864.32	39,864.32	-10						

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY			
													FY08	FY09	FY10	FY11
<b>Job: 1429 - MC Interface R&amp;D-GETTELFINGER</b>																
<b>Outboard Interface-Friction</b>																
1429-3026		COF cyclic testing	0*		01MAY07A	18MAY07A	18MAY07		100	29,970.00	29,970.00	0				
1429-3027		Friction Life Test	32		02JUL07A	31JUL07A	15AUG07		100	29,397.18	29,397.18	11				
1429-3028		Edge loading&Superbolt torque tests 1&2	0*		04SEP07*	31AUG07	16AUG07	6	50	14,698.59	29,397.18	-11				
1429-3029		Bolt Tests 3&4 Write Report (see 1421-3067to3090)	76*		01AUG07A	15NOV07	24AUG07	-17		9,170.74	30,266.47	-58				
<b>Job: 1431 - Mod. Coil Interface Hardware-DUDEK</b>																
<b>Bladders</b>																
1421-3022		Receive first 5 Bladders	10		01JUN07A	29JUN07A	16JUL07		100	0.00	0.00	10				
1421-3023		Test Bladders (finish by A6-B6 weld test)	10		05SEP07	18SEP07	30JUL07	10	50	0.00	0.00	-35				
1421-3024		Prep Req, Bid,& Award Bladders	10		19SEP07	02OCT07	13AUG07	10		0.00	0.00	-35				
1421-3025		Deliver bladders	5		03OCT07	09OCT07	20AUG07	10		0.00	16,807.80	-35				
1421-3028		Bladders available for FPA	0			09OCT07	20AUG07	10		0.00	0.00	-35				
<b>Bushings</b>																
1421-3105		Prep Req, Bid,& Award Bushings	15		09OCT07	29OCT07	21MAY07	10		0.00	0.00	-112				
1421-3106		Deliver Bushings Material	25		30OCT07	05DEC07	02JUL07	10		0.00	10,529.40	-108				
1421-3107		PPPL Machine bushings Bushings	248		12SEP07*	09SEP08	29JUL08	10		0.00	44,236.90	-29				
1421-3108		Bushings available for first coil-to-coil fitup	0		10OCT07			10		0.00	0.00	-29				
1421-3109		All Bushings delivered	0			09SEP08	29JUL08	76		0.00	0.00	-29				
<b>Shims-Outboard</b>																
1429-3059		Bid,Award Shim Stock (out & inboard) PE7556	15		01AUG07A	10AUG07A	21AUG07			0.00	0.00	7				
1429-3060		Deliver Shim Stock	19*		13AUG07A	07SEP07	05SEP07	15		0.00	77,274.56	-2				
1429-3062		PPPL Cut, Grind, debur Outboard Shims	130		10SEP07	20MAR08	18MAR08	15		0.00	19,242.98	-2				
1429-3065		Prep Req, Bid, Award Alumina Application R405443	0*		04SEP07	31AUG07	16AUG07	24		0.00	0.00	-11				
1429-3066		Apply Alumina to OutboardShims	130		17SEP07	27MAR08	25MAR08	15		0.00	42,168.89	-2				
1429-3069		Outboard Shims Available for 1st 3 pack MC Assy	0		24SEP07			15		0.00	0.00	-2				
S21-5.04X	2	Shims required for 1st 3 pack MC Assy	0			24SEP07	20SEP07	15		0.00	0.00	-2				
1429-3070		Outboard Shims Available for 2nd 3 pack MC Assy	0		22OCT07			81		0.00	0.00	-2				
1429-3071		Outboard Shims Available for 3rd 3 pack MC Assy	0		05DEC07			88		0.00	0.00	-2				
1429-3072		Outboard Shims Available for 4th 3 pack MC Assy	0		25JAN08			111		0.00	0.00	-2				
1429-3073		Outboard Shims Available for 5th 3 pack MC Assy	0		22FEB08			157		0.00	0.00	-2				
1429-3074		Outboard Shims Available for 6th 3 pack MC Assy	0		28MAR08			185		0.00	0.00	-2				
<b>Shims-Inboard</b>																
1429-3062X		PPPL cut, grind and debur Inboard Shims	130		15OCT07	24APR08	24MAR08	31		0.00	19,362.37	-23				
1429-3069X		Inboard Shims Available for 1st 3 pack MC Assy	0		22OCT07			31		0.00	0.00	-23				
1429-3070X		Inboard Shims Available for 2nd 3 pack MC Assy	0		19NOV07			61		0.00	0.00	-23				
1429-3071X		Inboard Shims Available for 3rd 3 pack MC Assy	0		11JAN08			86		0.00	0.00	-23				
1429-3072X		Inboard Shims Available for 4th 3 pack MC Assy	0		22FEB08			109		0.00	0.00	-23				
1429-3073X		Inboard Shims Available for 5th 3 pack MC Assy	0		21MAR08			144		0.00	0.00	-23				

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													FY08	FY09	FY10	FY11
1429-3074X		Inboard Shims Available for 6th 3 pack MC assy	0		25APR08			171		0.00	0.00	-23				
<b>Shims- C-C Joint</b>																
1429-3062C		PPPL Cut, Grind, debur Outboard Shims	10		01OCT09*	14OCT09	14OCT09	12		0.00	8,170.84	0				
1429-3066C		Apply Alumina to OutboardShims	40		08OCT09	04DEC09	04DEC09	12		0.00	9,308.00	0				
1429-3075X		Shims Req'd for C-C joint	0		07DEC09			12		0.00	0.00	0				
<b>Studs,Washers,Nuts</b>																
1421-3060		Deliver Stud Kit (PE007330) (for 1st 3 pack only	87*		01MAY07A	31AUG07A	20JUL07		100	98,992.08	98,992.08	-30				
1421-3061		Stud kit available for 1st 3 pack MC assy	0			31AUG07A	20JUL07		100	0.00	0.00	-30				
1421-3062		Re-order balance of stud kits	65		04SEP07	05DEC07	18OCT07	46		0.00	408,475.32	-32				
1421-3063		Stud kits available for balance of MC assy	0			05DEC07	18OCT07	46		0.00	0.00	-32				
1421-3065		Deliver Superbolts (PE007332)	43*		01MAY07A	29JUN07A	31MAY07		100	157,905.00	157,905.00	-21				
1421-3066		Super bolts available for FPA	0			29JUN07A	31MAY07			0.00	0.00	-21				
1421-3070		Order Add'l stud kits for c-c joint&weld clmp	15		01OCT07*	19OCT07	19OCT07	181		0.00	0.00	0				
1421-3072		Deliver Add'l stud kits for c-c joint&weld clmp	30		22OCT07	04DEC07	04DEC07	181		0.00	59,827.92	0				
1421-3080		Purchase G-11 shims and machine for C-C inboard	65		01OCT07*	10JAN08	10JAN08	497		0.00	5,728.80	0				
<b>Misc Tech Shop Support</b>																
1421-4000		Misc Tech Shop support through FPA sta 3	250*		01OCT07*	30SEP08	30SEP08	999	LOE	0.00	76,905.60	0				
<b>15 - Coil Structures</b>																
<b>Job: 1501 - Coil Structures Design-DAHLGREN</b>																
1501-521		Complete Preliminary Stress analysis	34*		04JUN07A	20JUL07A	18JUN07		100	12,196.10	12,196.10	-23				
1501-522		Prelim CAD models & Dwgs	30		04JUN07A	16JUL07A	16JUL07		100	27,876.80	27,876.80	0				
1501-525		PDR Prep	3		02JUL07A	20JUL07A	19JUL07		100	3,484.60	3,484.60	-1				
1501-525P	3	Coils Support Structure - PDR	1	R	20JUL07A	20JUL07A	20JUL07		100	1,393.84	1,393.84	0				
1501-533		Detail CAD Drawings,BOM	173*		01JUN07A	13FEB08	17SEP07	17	35	21,439.23	61,254.95	-98				
1501-533F		Integrated Stress Analysis	92*		04SEP07	22JAN08	17SEP07	33	20	8,582.61	42,913.06	-82				
1501-535		Resolve CS PDR Chits	5		04SEP07	10SEP07		75	90	0.00	0.00	0				
1501-537		FDR Prep	5		14FEB08	20FEB08	20SEP07	17		0.00	2,786.40	-100				
1501-541	3	Coil Support Structures - FDR	1	R	21FEB08	21FEB08	21SEP07	17		0.00	1,486.08	-100				
1501-545		Resolve Chits	5		22FEB08	28FEB08	19OCT07	17		0.00	7,430.40	-85				
1501-549		Update C.S.Support Design	6		29FEB08	07MAR08	05OCT07	17		0.00	11,145.60	-101				
1501-550		FDR Updated C.S.Design	5		15APR08	21APR08	10OCT07	17		0.00	1,486.08	-129				
1501-554		Resolve CS FDR Chits	5		22APR08	28APR08	12OCT07	398		0.00	7,430.40	-132				
1501-558		Prepare requisition for Coil Structure & CSS h/w	10		22APR08	05MAY08	02NOV07	17		0.00	743.04	-122				
1501-562		Prepare Specs for Coil Structure & CSS h/w	10		22APR08	05MAY08	26OCT07	17		0.00	1,857.60	-127				
ECP53RBX09		FY07 Rebaseline exercise	0*		01JUN07A	29JUN07A	31MAY07		LOE	6,969.20	6,969.20	-21				
<b>Job: 1550 - Coil Struct. Procurement -DAHLGREN</b>																
1501-244		Procure Spherical Bearings	130		01OCT07*	10APR08		224		0.00	19,620.00	0				

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY							
													FY08	FY09	FY10	FY11				
1501-245		Prep Spec,Solicit Bids, and Evaluate Bids	40		06MAY08	01JUL08	16JUN08	17		0.00	0.00	-11								
162-036.9	2	Award Coil Support Structure	0			01JUL08*	16JUN08*	17		0.00	0.00	-11								
162-037		Fabricate TF/MCWF mounting Components	260		02JUL08	17JUL09	01JUL09	17		0.00	309,101.42	-11								
162-037M	2	Fabricate TF/MCWF mounting Components	0			17JUL09	01JUL09	17		0.00	0.00	-11								
162-038		Fabricate PF Mounting components	260		02JUL08	17JUL09	01JUL09	17		0.00	268,550.58	-11								
162-039		Fabricate Final TF Assy components Components	260		02JUL08	17JUL09	01JUL09	17		0.00	83,220.80	-11								
162-040		Fabricate Machine/base support interface	260		02JUL08	17JUL09	01JUL09	17		0.00	92,811.15	-11								
162-050		Prep req, bid and award G11/Teflon parts	20		16JUN08*	14JUL08	14JUL08	69		0.00	0.00	0								
162-051		Deliver G11/Teflon parts	90		15JUL08	18NOV08	18NOV08	69		0.00	155,701.41	0								
162-052		Prep req, bid and award Inconnel hardware	20		16JUN08*	14JUL08	14JUL08	69		0.00	0.00	0								
162-053		Deliver Inconnel hardware	90		15JUL08	18NOV08	18NOV08	69		0.00	107,848.23	0								
162-055		Prep req, bid and award Belleville Washers	20		16JUN08*	14JUL08	14JUL08	69		0.00	0.00	0								
162-057		Deliver Belleville Washers	90		15JUL08	18NOV08	18NOV08	69		0.00	25,106.83	0								
162-031		Title III engr WBS 151	260		02JUL08*	17JUL09	01JUL09	802	LOE	0.00	14,170.49	-11								
<b>16 - Coil Services</b>																				
<b>Job: 1601 - Coil Services Design-GORANSON</b>																				
<b>FY07 Rebaseline Exercise</b>																				
ECP53RBX08		FY07 Rebaseline exercise	0*		01JUN07A	29JUN07A	31MAY07		LOE	6,228.80	6,228.80	-21								
<b>161 - LN2 Distribution</b>																				
191-001		Title I design WBS 161 LN2 manifolds&piping	65		02JAN08*	01APR08	01APR08	99		0.00	84,115.20	0								
191-002	3	LN2 manifolds&piping- PDR	1	R	02APR08	02APR08	02APR08	99		0.00	1,294.08	0								
191-011		Title II design WBS 161 LN2 manifolds&piping	65		03APR08	03JUL08	03JUL08	99		0.00	84,115.20	0								
191-012		LN2 manifolds&piping - FDR	1	R	07JUL08	07JUL08	07JUL08	99		0.00	1,294.08	0								
191-037		Prep Req,Bid,Award-manifolds,hoses,valves etc	25		08JUL08	11AUG08	11AUG08	99		0.00	0.00	0								
191-038		Fab and deliver-manifold assy,hoses,valves etc	90		12AUG08*	18DEC08	18DEC08	99		0.00	140,101.51	0								
191-031		Title III engr WBS 161	118		08JUL08	23DEC08	23DEC08	941	LOE	0.00	27,796.89	0								
<b>162 - Electrical Leads</b>																				
132-001		Title I design WBS 162 Coil leads	155		02JUN08*	19JAN09	19JAN09	49		0.00	152,991.50	0								
132-002		Electrical Coil leads - PDR	1	R	20JAN09	20JAN09	20JAN09	49		0.00	1,387.28	0								
132-011		Title II design WBS 162 Coil leads	155		21JAN09	27AUG09	27AUG09	150		0.00	158,843.56	0								
132-012		Electrical Coil leads - FDR	1	R	28AUG09	28AUG09	28AUG09	150		0.00	1,387.28	0								
132-015		Title III design WBS 162 Coil leads	99		31AUG09	29JAN10	29JAN10	222	LOE	0.00	19,579.88	0								
132-037		Prep Req,Bid,Award Lead hardware and cables	25		31AUG09	05OCT09	05OCT09	150		0.00	0.00	0								
132-038		Deliver Lead hardware and cables	65		06OCT09	18JAN10	18JAN10	150		0.00	114,187.68	0								
132-047		Prep Req,Bid,Award Material for transition box	25		31AUG09	05OCT09	05OCT09	216		0.00	0.00	0								
132-048		Deliver Material for Transition Boxes	40		06OCT09	02DEC09	02DEC09	216		0.00	9,909.44	0								
132-049		Assemble Transition boxes (6)	40		03DEC09	08FEB10	08FEB10	216		0.00	20,462.40	0								
<b>163 - Coil Protection System</b>																				
163.001		Design Coil protection(input to WBS 4 & 5)	65		01OCT08*	12JAN09	12JAN09	80		0.00	38,150.20	0								

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													FY08	FY09	FY10	FY11
<b>17 - Cryostat and Base Support Structure</b>																
<b>Job: 1702 - Base Support Struct Design-DAHLGREN</b>																
<b>1702-510</b>																
1702-510		Base support structure prel. design & analysis	32		11DEC07*	01FEB08	23NOV07	22		0.00	74,675.52	-41				
1702-515	3	Base support - PDR	1	R	04FEB08	04FEB08	26NOV07	22		0.00	743.04	-41				
1702-520		Final design. Assy dwgs, fab dwgs, BOMs,specs/SO	33		05FEB08	20MAR08	01FEB08	22		0.00	74,675.52	-34				
1702-525		Base Support Structure - FDR	5	R	21MAR08	27MAR08	04FEB08	22		0.00	743.04	-38				
1702-525M	2	Base Support Structure FDR	0			27MAR08	04FEB08	22		0.00	0.00	-38				
1702-530		Resolve chits, issue dwgs for fab, Issue requisit	10		28MAR08	10APR08	03MAR08	22		0.00	12,631.68	-28				
<b>Job: 1752 - Base Support Proc-DAHLGREN</b>																
<b>172 - Base Support Structure</b>																
161-036.8	3	Bid and award base support materials	40		11APR08	06JUN08	19JUN08	22		0.00	0.00	9				
161-036.9	3	Deliver base support materials	65		20JUN08*	22SEP08	22SEP08	13		0.00	51,587.52	0				
161-037		PPPL assemble structure	35		23SEP08*	10NOV08	10NOV08	13		0.00	29,786.74	0				
161-038		Title III	261		11APR08*	28APR09	19MAR09	858	LOE	0.00	8,302.99	-28				
<b>Job: 1701 - Cryostat Design-GETTLEFINGER</b>																
1701-100		Cryostat- Conceptual Design	65		01OCT08*	12JAN09	12JAN09	55		0.00	15,888.00	0				
1701-101		Cryostat- Preliminary Design	70		21JAN09	28APR09	28APR09	49		0.00	73,446.84	0				
1701-102		Cryostat- Stress analysis	43		27FEB09*	28APR09	28APR09	49		0.00	38,242.00	0				
1701-103		Cryostat- Joint R&D	10		15APR09*	28APR09	28APR09	49		0.00	3,298.40	0				
1701-121		Cryostat- PDR	1	R	29APR09	29APR09	29APR09	49		0.00	1,324.00	0				
1701-131		Cryostat- Final Design	70		30APR09	07AUG09	07AUG09	49		0.00	73,446.84	0				
1701-141		Cryostat- FDR	1	R	10AUG09	10AUG09	10AUG09	49		0.00	1,324.00	0				
<b>Job: 1751 - Cryostat Procurement-GETTLEFINGER</b>																
1751-151		Cryostat- Procure Materials and Supplies	65		01OCT09*	13JAN10	13JAN10	122		0.00	174,575.12	0				
1751-161		Cryostat- Fabricate Components	65		14JAN10	14APR10	14APR10	122		0.00	88,670.40	0				
1751-171		Cryostat- Title III	90		01OCT09	17FEB10	17FEB10	660	LOE	0.00	61,606.80	0				
<b>18 - Field Period Assembly</b>																
<b>Job: 1803/1805- FPA Tooling/Constr-BROWN/DUDEK</b>																
<b>Station 2-Modular Coil Sub- Assembly</b>																
1803-2.1		Assembly sequence plan drafted	28		01MAY07A	08JUN07A	08JUN07		100	0.00	0.00	0				
1803-2.2		Procure 2 20degree wedge fixt (for total of 6)	90		04SEP07*	18JAN08	18JAN08	80		0.00	0.00	0				
<b>Station 3-Modular Coil to VVSA Assembly</b>																
1803-3.2		Finalize drawings for internal review and outsid	3		25JUN07A	27JUN07A	27JUN07		100	0.00	0.00	0				
1803-3.3		Analyze single point lift	10*		28JUN07A	12JUL07A	12JUL07		100	9,756.88	9,756.88	0				
1803-3.4	3	Stage 3 support FDR	3*	R	02JUL07A	17JUL07A	13JUL07		100	0.00	0.00	-2				
1803-3.5		Flange bolt/VV support access platform	8		02JUL07A	12JUL07A	12JUL07		100	13,495.20	13,495.20	0				
1803-3.6		Revise drawings per FDR input and release for Fa	27		02JUL07A	10SEP07	17JUL07	17	95	5,128.18	5,398.08	-38				

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													FY08	FY09	FY10	FY11		
1803-3.7		Transportation study (move between test cells)	2		01OCT07*	02OCT07	19JUL07	65		0.00	4,796.40	-52						
1803-3.8		Generate laser trace drawing for each screen	20		01OCT07*	26OCT07	10AUG07	47		0.00	9,592.80	-54						
1803-3.9		Assembly sequence plan and Installation procedur	18		01JUN07A	26JUN07A	26JUN07		100	6,969.20	6,969.20	0						
1803-3.10		10100VV/MC clearance report (for VVSA1, 2 and 3)	0*		27JUL07A	26JUL07A	26JUL07		100	12,544.56	12,544.56	0						
1803-3.11		Procure materials and fixture	88		11SEP07*	23JAN08	19NOV07	17		0.00	61,093.41	-38						
<b>Station 5-Final Field Period Assembly</b>																		
1803-5.1		Complete FP support models	92		01JUN07A	28SEP07	10OCT07	155	60	16,194.24	26,990.40	8						
1803-5.5		Design followup & prelim analysis	20		10SEP07*	05OCT07	28AUG07	160		0.00	10,626.75	-27						
1803-5.2		Complete platform models	10		10SEP07*	21SEP07	31OCT07	155		0.00	8,996.80	28						
1803-5.3		PDR	0	R		28SEP07*	07NOV07	155		0.00	0.00	28						
R1802-503		Sequence plan	20		01MAY07A	30MAY07A	30MAY07		100	0.00	0.00	0						
1803-5.4		Structural Analysis	10		16OCT07*	29OCT07	21NOV07	144		0.00	11,145.60	17						
1803-5.6	3	Station 5 FDR	0	R		29OCT07	21NOV07	144		0.00	0.00	17						
1803-5.7		Complete dwg package and release for Fa	20		30OCT07	26NOV07	21DEC07	144		0.00	14,389.20	17						
1803-5.8		Complete models and dwgs for test cell metrology	30*		27NOV07	18JAN08	14JAN08	159		0.00	19,185.60	-4						
1803-5.9		Procure materials and fixture (2 stations)	65		27NOV07	07MAR08	01APR08	144		0.00	94,071.36	17						
<b>6.00-Final Machine Assembly</b>																		
1803-6.1		Complete Stage 6 support models	50		03DEC07*	19FEB08	19FEB08	69		0.00	28,778.40	0						
1803-6.2		Complete platform models	30		20FEB08	01APR08	01APR08	69		0.00	9,592.80	0						
1803-6.3		Structural Analysis	30		03DEC07*	22JAN08	22JAN08	119		0.00	22,291.20	0						
1803-6.4		PDR	0	R		01APR08	01APR08	69		0.00	0.00	0						
1803-6.5		Complete drawing package	40		02APR08	28MAY08	28MAY08	69		0.00	19,185.60	0						
1803-6.6	3	Station 6 FDR	0	R		04JUN08	04JUN08	69		0.00	0.00	0						
1803-6.7		Revise drawings per FDR input and release for Fa	5		05JUN08	11JUN08	11JUN08	69		0.00	0.00	0						
1803-6.9		Design followup and prelim analysis	82		03DEC07*	03APR08	03APR08	112		0.00	22,291.20	0						
1803-6.8		Procure materials and fixture	65		02SEP08*	03DEC08	03DEC08	13		0.00	111,484.70	0						
<b>Job: 1806 - FP Assembly specs and drawings-COLE</b>																		
<b>1.00-VV Prep Station</b>																		
1803-609	3	Detail dwgs-spool piece	50		22AUG08	31OCT08	31OCT08	288		0.00	17,008.28	0						
<b>Station 2-Modular Coil Sub- Assembly</b>																		
1803-201	3	Station 2 Assembly Specification	50		01JUL07A	12OCT07	11SEP07	-23	50	6,273.54	12,547.08	-23						
1803-205	3	Station 2 Assembly Drawings	65		11JUN07A	03OCT07	11SEP07	-2	65	8,585.64	13,208.67	-16						
<b>Station 3-Modular Coil to VVSA Assembly</b>																		
1803-301		202020Station 3 Assembly Specification	98*		02JUL07A	16NOV07	16NOV07	32	20	7,578.10	37,890.51	0						
1803-305		40Station 3 Assembly Drawings	102*		02JUL07A	22NOV07	22NOV07	28	40	5,307.41	13,268.52	0						
<b>Station 5-Final Field Period Assembly</b>																		
1803-501		Station 5 Assembly Specification	90		03DEC07*	15APR08	15APR08	97		0.00	32,352.00	0						
1803-505		Station 5 Assembly Drawings	90		03DEC07*	15APR08	15APR08	97		0.00	20,068.80	0						
1803-509		Field period Assy Dwgs	90		03DEC07*	15APR08	15APR08	97		0.00	40,137.60	0						

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY							
													FY08	FY09	FY10	FY11				
1803-611		Detail dwgs-welding ports	90		03DEC07*	15APR08	15APR08	97		0.00	20,068.80	0								
<b>6.00-Final Machine Assembly</b>																				
1803-601		Station 6 Assembly Specification	120		15APR08*	02OCT08	02OCT08	30		0.00	71,259.83	0								
1803-605		Station 6 Assembly Drawings	120		15APR08*	02OCT08	02OCT08	30		0.00	53,549.76	0								
1803-605M	2	Station 6 Specification & Assy Drawings Complete	0			02OCT08	02OCT08	30		0.00	0.00	0								
1803-613		Detail dwgs-man access port	120		15APR08*	02OCT08	02OCT08	30		0.00	6,693.72	0								
1803-010		Models,design reviews, meetings,reporting,	430		01MAY07A	27MAY09	23JAN09	838	LOE	0.00	178,063.96	-87								
<b>Job: 1802 - FP Assy Oversight&amp;Support-VIOLA</b>																				
<b>Oversight and Supervision</b>																				
1802MAY		May cost incr	20		01MAY07A	30MAY07A	29MAY07		LOE	15,000.00	15,000.00	-1								
1802ORNLO2		ORNL Title III field period assy station 2	303*		26NOV07*	19FEB09	19FEB09	4	LOE	0.00	152,961.84	0								
1802ORNLO3		ORNL Title III field period assy station 3	318*		03MAR08*	08JUN09	08JUN09	0	LOE	0.00	117,143.02	0								
1802ORNLO5		ORNL Title III field period assy station 5	237*		04DEC08*	13NOV09	13NOV09	0	LOE	0.00	122,200.19	0								
R1802-001		Metrology Engr Super FY07	106*		01MAY07A	28SEP07	28SEP07	1,249	LOE	51,495.42	62,722.80	0								
R1802-003		Metrology Engr Super FY08	250*		01OCT07*	30SEP08	30SEP08	999	LOE	0.00	160,310.88	0								
R1802-004		Metrology Engr Super FY09	281*		01OCT08*	13NOV09	13NOV09	718	LOE	0.00	194,695.10	0								
R1802-004S		Metrology Engr Super FY09 (2n shft supr .5 fte	203*	2	30JAN09*	13NOV09	13NOV09	718	LOE	0.00	134,631.52	0								
R1802-005		FPA Management FY07	106*		01MAY07A	28SEP07	28SEP07	1,249	LOE	95,000.20	115,712.78	0								
R1802-007		FPA Management FY08	250*		01OCT07*	30SEP08	30SEP08	999	LOE	0.00	277,523.54	0								
R1802-008		FPA Management FY09	281*		01OCT08*	13NOV09	13NOV09	718	LOE	0.00	322,131.05	0								
R1802-013		HP Coverage in the TFTR TC LOE FY07	106*		01MAY07A	28SEP07	28SEP07	1,249	LOE	48,615.14	59,214.54	0								
R1802-015		HP Coverage in the TFTR TC LOE FY08	250*		01OCT07*	30SEP08	30SEP08	999	LOE	0.00	149,857.40	0								
R1802-016		HP Coverage in the TFTR TC LOE FY09	169*		01OCT08*	08JUN09	08JUN09	830	LOE	0.00	104,271.28	0								
R1810-098		Station 3 complete	0			10JUL09	08JUN09	807		0.00	0.00	-23								
<b>Station 2 procedures,JHA,ACC,Training,Prep</b>																				
R1802-207		Procedures written & approved	14		15OCT07	01NOV07	01OCT07	-23		0.00	0.00	-23								
R1802-209		JHA completed	6		02NOV07	09NOV07	09OCT07	-23		0.00	0.00	-23								
R1802-211		Training needs identified & released	6		12NOV07	19NOV07	17OCT07	-23		0.00	0.00	-23								
R1802-213		ACC review completed	2		20NOV07	21NOV07	19OCT07	-23		0.00	0.00	-23								
R1802-215		Pre-job brief completed	1		22NOV07	22NOV07	22OCT07	-23		0.00	0.00	-23								
R1802-217		Station 2 operational	1		23NOV07	23NOV07	23OCT07	-23		0.00	0.00	-23								
<b>Station 3 procedures,JHA,ACC,Training,Prep</b>																				
R1802-307		Procedures written & approved	10		15JAN08	28JAN08	28JAN08	0		0.00	0.00	0								
R1802-309		JHA completed	6		29JAN08	05FEB08	05FEB08	0		0.00	0.00	0								
R1802-311		Training needs identified & released	6		06FEB08	13FEB08	13FEB08	0		0.00	0.00	0								
R1802-313		ACC review completed	6		14FEB08	21FEB08	21FEB08	0		0.00	0.00	0								
R1802-315		Pre-job brief completed	6		22FEB08	29FEB08	29FEB08	0		0.00	0.00	0								

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY			
													FY08	FY09	FY10	FY11
<b>Station 5 procedures,JHA,ACC,Training,Prep</b>																
R1802-507		Procedures written & approved	14		16APR08	05MAY08	05MAY08	97		0.00	0.00	0				
R1802-509		JHA completed	6		06MAY08	13MAY08	13MAY08	97		0.00	0.00	0				
R1802-519		Fixtures installed	6		14MAY08	21MAY08	21MAY08	97		0.00	0.00	0				
R1802-511		Training needs identified & released	6		22MAY08	30MAY08	30MAY08	97		0.00	0.00	0				
R1802-513		ACC review completed	7		02JUN08	10JUN08	10JUN08	97		0.00	0.00	0				
R1802-515		Pre-job brief completed	7		11JUN08	19JUN08	19JUN08	97		0.00	0.00	0				
<b>Job:1810-Field Period Assy -Station 1,2,3 VIOLA</b>																
<b>General Assy Support</b>																
R1801-004S		LOE Crane support, fixt setup (2nd shft 1.2 fte	203*	2	30JAN09*	13NOV09	13NOV09	718	LOE	0.00	139,343.95	0				
R1810-001		LOE Crane support, fixture setupfor FY07	106*		01MAY07A	28SEP07	28SEP07	1,249	LOE	53,245.50	64,854.45	0				
R1810-003		LOE Crane support, fixture setupfor FY08	250*		01OCT07*	30SEP08	30SEP08	999	LOE	0.00	165,923.83	0				
R1810-004		LOE Crane support, fixture setupfor FY09	281*		01OCT08*	13NOV09	13NOV09	718	LOE	0.00	192,599.92	0				
R1810-005		LOE Field Supervision for FY07	106*		01MAY07A	28SEP07	28SEP07	1,249	LOE	78,846.24	96,036.83	0				
R1810-007		LOE Field Supervision for FY08	250*		01OCT07*	30SEP08	30SEP08	999	LOE	0.00	245,765.14	0				
R1810-008		LOE Field Supervision for FY09	281*		01OCT08*	13NOV09	13NOV09	718	LOE	0.00	285,266.98	0				
R1810-008S		LOE Field Supervision for 2nd shft 1.0 fte	203*	2	30JAN09*	13NOV09	13NOV09	718	LOE	0.00	206,388.38	0				
R1810-009		LOE Metrology sprt FY07 1.5 fte EM & 1.0 fte TB	106*		01MAY07A	28SEP07	28SEP07	1,249	LOE	162,420.34	197,832.33	0				
R1810-011		LOE Metrology sprt FY08 1.5 fte EM & 1.0 fte TB	250*		01OCT07*	30SEP08	30SEP08	999	LOE	0.00	771,108.00	0				
R1810-012		LOE Metrology sprt FY09 1.5 fte EM & 1.0 fte TB	281*		01OCT08*	13NOV09	13NOV09	718	LOE	0.00	433,249.15	0				
R1810-013		Misc M&S FY07	106*		01MAY07A	28SEP07	28SEP07	1,249	LOE	15,713.94	19,140.00	0				
R1810-015		Misc M&S FY08	250*		01OCT07*	30SEP08	30SEP08	999	LOE	0.00	47,088.00	0				
R1810-016		Misc M&S FY09	281*		01OCT08*	13NOV09	13NOV09	718	LOE	0.00	57,664.57	0				
R1810-099		Station 5 complete	0			18DEC09	13NOV09	695		0.00	0.00	-23				
<b>Station 1-VV Prep (hard surface components) FP#1</b>																
R1810-1105		Instl cooling lines & Weld cooling/htg risers	31	1	01MAY07A	13JUN07A	13JUN07		100	49,145.00	49,145.00	0				
R1810-1107		Verify Instl of H/C lines,headers,manifolds	5	1	14JUN07A	20JUN07A	20JUN07		100	7,515.00	7,515.00	0				
R1810-1115		Purchase pump	20	1	02JUL07A	19JUL07A	19JUL07		100	5,104.00	5,104.00	0				
R1810-1108		Perform final acceptance testing (H/C flow test)	5	1	29OCT07	02NOV07	26JUL07	268		0.00	8,011.00	-70				
R1810-1109		Loop termination & verification	32*	1	02JUL07A	15AUG07A	18SEP07		100	27,054.00	27,054.00	23				
R1810-1112		Trim seal plates	2	1	05NOV07*	06NOV07	02OCT07	268		0.00	3,204.40	-25				
R1810-1110		Install Final Internal&Ext monuments & meas	4	1	11JAN08	16JAN08	14JAN08	114		0.00	6,408.80	-2				
R1810-1111		Final Scan	4	1	17JAN08	22JAN08	18JAN08	114		0.00	6,408.80	-2				
R1810-1114		Install heater tape on all removable ports	20	1	23JAN08	19FEB08	15FEB08	114		0.00	16,022.00	-2				
R1810-1113		Prepare &transfer completed VV to holding area	2	1	20FEB08	21FEB08	19FEB08	114		0.00	3,204.40	-2				
<b>Station 1- VV Prep (hrd surf cmpnts)FP#2</b>																
R1810-1203		Misc Hardware	170*		01JUN07A	08FEB08	08FEB08	1,163	LOE	987.23	2,584.38	0				
R1810-1209		Install cooling/htg lines to vac vsl	15	1	01MAY07A	21MAY07A	21MAY07		100	22,545.00	22,545.00	0				
R1810-1211		Weld cooling/htg risers	16	1	22MAY07A	13JUN07A	13JUN07		100	26,600.00	26,600.00	0				
R1810-1213		Verify Instl of H/C lines,headers,manifolds	5	1	14JUN07A	20JUN07A	20JUN07		100	7,515.00	7,515.00	0				



Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY					
													FY08	FY09	FY10	FY11		
R1810-1208		Perform final acceptance testing (H/C flow test)	5	1	22OCT07	26OCT07	27JUN07	268		0.00	13,243.00	-85						
R1810-1212		Trim seal plates	2	1	07NOV07*	08NOV07	29OCT07	268		0.00	3,204.40	-8						
R1810-1215		Loop termination & verification	18	1	26JUL07A	21SEP07	21DEC07	302	50	13,527.00	27,054.00	63						
R1810-1216		Install Final Internal&Ext monuments & meas	4	1	09NOV07	14NOV07	07JAN08	268		0.00	6,408.80	29						
R1810-1217		Final Scan	4	1	15NOV07	20NOV07	11JAN08	268		0.00	6,408.80	29						
R1810-1214		Install heater tape on all removable ports	20	1	21NOV07	20DEC07	08FEB08	268		0.00	16,022.00	29						
R1810-1219		Prepare& transfer completed VV to holding area	2	1	21DEC07	02JAN08	12FEB08	268		0.00	3,204.40	29						
<b>Station 1- VV Prep (hrd surf cmpntsFP#3)</b>																		
R1810-1303		Misc Hardware	139*		15MAY07A	28NOV07	28NOV07	1,206	LOE	1,424.78	2,571.80	0						
R1810-1304		Layout diag &coolant paths on vessel	12	1	01MAY07A	16MAY07A	16MAY07	100		18,036.00	18,036.00	0						
R1810-1305		Install heater tape on vertical ports	7	1	17MAY07A	25MAY07A	25MAY07	100		10,521.00	10,521.00	0						
R1810-1307		Verify installation of heater tapes	1	1	01JUN07A	29JUN07A	02JUL07	100		1,503.00	1,503.00	1						
R1810-1309		Attach studs forcoolant lines	3	1	01JUN07A	29JUN07A	06JUL07	100		4,509.00	4,509.00	4						
R1810-1300		Install Templates	3	1	01JUN07A	29JUN07A	27JUN07	100		4,509.00	4,509.00	-2						
R1810-1311		Wind magnetic diagnostic sensors	25*	1	25JUN07A	30JUL07A	30JUL07	100		21,042.00	21,042.00	0						
R1810-1313		Install precision magnetic diagnostic sensors	28*	1	25JUN07A	31JUL07A	02AUG07	100		4,509.00	4,509.00	2						
R1810-1315		Verify installation magnetic diagnostic sensors	8	1	30JUL07A	24SEP07	08AUG07	187	50	3,006.00	6,012.00	-32						
R1810-1317		Install local I&C (incl thermocouples)	5	1		15AUG07A	15AUG07	100		7,515.00	7,515.00	0						
R1810-1319		Verify installation of local I&C	2	1		17AUG07A	17AUG07	100		3,006.00	3,006.00	0						
R1810-1321		Install cooling/htg lines to vac vsl	37*	1	01AUG07A	21SEP07	31AUG07	268	50	11,272.50	22,545.00	-14						
R1810-1323		Weld cooling/htg risers	10	1	24SEP07	05OCT07	17SEP07	268		0.00	24,841.60	-14						
R1810-1325		Verify Instl of H/C lines,headers,manifolds	5	1	08OCT07	12OCT07	24SEP07	268		0.00	8,011.00	-14						
R1810-1308		Perform final acceptance testing (H/C flow test)	5	1	15OCT07	19OCT07	01OCT07	268		0.00	8,011.00	-14						
R1810-1312		Trim seal plates	2	1	09NOV07	12NOV07	31OCT07	352		0.00	3,204.40	-8						
R1810-1327		Loop termination & verification	18	1	01FEB08	26FEB08	25JAN08	277		0.00	28,839.60	-22						
R1810-1328		Install Final Internal&Ext monuments & meas	4	1	27FEB08	03MAR08	31JAN08	277		0.00	6,408.80	-22						
R1810-1329	3	Final Scan of VVSA #3 Station 1 complete	4	1	04MAR08	07MAR08	06FEB08	277		0.00	6,408.80	-22						
R1810-1314		Install heater tape on all removable ports	20	1	15FEB08*	13MAR08	13MAR08	273		0.00	16,022.00	0						
R1810-1331		Prepare & transfer completed VV to holding area	2	1	14MAR08	17MAR08	17MAR08	273		0.00	3,204.40	0						
<b>Station 1-Spool pieces (3) (spacers)</b>																		
R1810-1S03		Attachdiagnostics, studs and coolant lines	17	1	03NOV08*	25NOV08	25NOV08	288		0.00	28,036.40	0						
R1810-1S04		Install Final Internal&Ext monuments & meas	2	1	26NOV08	01DEC08	01DEC08	288		0.00	3,298.40	0						
<b>Station 2 Trials &amp; Development</b>																		
<b>Water jet cut A/B flange weld test</b>																		
INTRF-035		PPPL Determine shim material	23		01MAY07A	01JUN07A	01JUN07	100		6,969.20	6,969.20	0						
INTRF-001		PPPL buy SS plate for weld trials	10		04JUN07A	15JUN07A	15JUN07	100		40,762.56	40,762.56	0						
PHIL-02		weld shim DXF files complete	1		02JUL07A	02JUL07A	28JUN07	100		0.00	0.00	-2						
PHIL-03		complete CAD model of weld test specimen	1		06JUL07A	06JUL07A	06JUL07	100		0.00	0.00	0						
PHIL-04		1100water jet cut shims for A/B flange weld test	3		11JUL07A	11JUL07A	11JUL07	100		1,803.60	1,803.60	0						
PHIL-05		1solution anneal shims (note: shims not ground).	1		04SEP07	04SEP07	12JUL07	-5	100	991.36	991.36	-37						
PHIL-06		assemble shims&flanges;grind relief in flanges	3		17JUL07A	17JUL07A	17JUL07	100		3,607.20	3,607.20	0						

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY				
													FY08	FY09	FY10	FY11	
PHIL-07		weld & monitor distortion; improvise clamping	3		20JUL07A	20JUL07A	20JUL07		100	3,607.20	3,607.20	0	EM/TB =48hr ;				
PHIL-08		analyze results at PPPL	2		24JUL07A	24JUL07A	24JUL07		100	0.00	0.00	0					
PHIL-09		analyze welds at EWI	10		01AUG07A	18SEP07	07AUG07	-5	39	0.00	0.00	-29					
Casting Weld Tests																	
PHIL-11		Mount A6 on angle plate	1			02JUL07A	25JUN07		100	1,202.40	1,202.40	-5	EM/TB =16hr ;				
PHIL-12		Weld fiducials on A6 & B6	2			11JUL07A	11JUL07		100	2,404.80	2,404.80	0	EM/TB =32hr ;				
PHIL-13		Measure A6 casting	2			13JUL07A	13JUL07		100	0.00	0.00	0					
PHIL-14		Develop metrology plan for station 2	79*		01JUN07A	21SEP07	31AUG07	-8		0.00	0.00	-14					
PHIL-15		Remove A6 & lower & grout wedge	4			19JUL07A	19JUL07		100	4,809.60	4,809.60	0	EM/TB =64hr ;				
PHIL-16		Re-mount A6 on wedge	2			23JUL07A	23JUL07		100	2,404.80	2,404.80	0	EM/TB =32hr ;				
PHIL-17		Re-measure A6	2			25JUL07A	25JUL07		100	0.00	0.00	0					
PHIL-18		Measure B6 on wedge	2			27JUL07A	27JUL07		100	2,404.80	2,404.80	0	EM/TB =32hr ;				
PHIL-19		Place B6 on A6; Meas B6 casting use A6 as base	2			31JUL07A	31JUL07		100	0.00	0.00	0					
PHIL-20		Complete CAD model for dimensional ref.	3			31JUL07A	03AUG07		100	0.00	0.00	3					
PHIL-21		Prepare angle plate dogs & chocks	4			13JUL07A	13JUL07		100	4,809.60	4,809.60	0	EM/TB =64hr ;				
PHIL-22		Water jet cut outboard 0,5" stk 316 SS shims	4			17JUL07A	17JUL07		100	2,404.80	2,404.80	0	EM/TB =32hr ;				
PHIL-23		Water jet cut inboard 0.625 316 SS	3			20JUL07A	20JUL07		100	1,803.60	1,803.60	0	EM/TB =24hr ;				
PHIL-24		Assemble castings,align torque&meas inbd. shims	4			26JUL07A	26JUL07		100	4,809.60	4,809.60	0	EM/TB =64hr ;				
PHIL-25		Purchase (2) grinding machines	45		04SEP07*	05NOV07	14SEP07	-13		0.00	51,779.56	-36		41=40\$K ;			
PHIL-26		Grind inbd. Shims to thickness (outside shop)	4			31JUL07A	01AUG07		100	1,276.00	1,276.00	1	41=01\$K ;				
PHIL-27		Solution anneal shims	2			31JUL07A	03AUG07		100	1,982.72	1,982.72	3	EM/SM =16hr ;				
PHIL-28		bushing drawings complete	0			29JUN07A	29JUN07		100	0.00	0.00	0					
PHIL-29		fabricate stock bushings	5			13JUL07A	13JUL07		100	0.00	0.00	0					
PHIL-30		Zenex - fabricate eccentric bushings	5			13JUL07A	13JUL07		100	1,658.80	1,658.80	0	41=01\$K ;				
PHIL-31		Receive hardware - studs, washers	14*			20AUG07A	19JUL07		100	0.00	0.00	-22					
PHIL-32		Align castings	2			31JUL07A	31JUL07		100	2,404.80	2,404.80	0	EM/TB =32hr ;				
PHIL-33		Fit&install bushings 25%stock, 25%eccentric	5			31JUL07A	07AUG07		100	6,012.00	6,012.00	5	EM/TB =80hr ;				
PHIL-34		Weld procedure/weld qual.	7			17JUL07A	17JUL07		100	4,208.40	4,208.40	0	EM/TB =56hr ;				
PHIL-35		Purchase weld on strain gauges	14			26JUL07A	26JUL07		100	0.00	0.00	0					
PHIL-36		Install strain gauges	5			07AUG07A	02AUG07		100	4,956.80	4,956.80	-3	EM/SM =40hr ;				
PHIL-37		Set up dial ind., CMM, transit system	26*		02JUL07A	07AUG07A	07AUG07		100	3,006.00	3,006.00	0	EM/TB =40hr ;				
PHIL-38		Install all shims and adjust bushings	2			31JUL07A	07AUG07		100	2,404.80	2,404.80	5	EM/TB =32hr ;				
PHIL-39		Final align and baseline measurements	3			23AUG07A	10AUG07		100	5,410.80	5,410.80	-9	EM/TB =72hr ;				
PHIL-40		Perform 25%of welding & measure	2			27AUG07A	14AUG07		100	2,404.80	2,404.80	-9	EM/TB =32hr ;				
PHIL-41		Perform 50%of welding & measure	2			29AUG07A	16AUG07		100	2,404.80	2,404.80	-9	EM/TB =32hr ;				
PHIL-42		Perform 75%of welding & measure	2			31AUG07A	20AUG07		100	2,404.80	2,404.80	-9	EM/TB =32hr ;				
PHIL-43		finish welding & measure	2			05SEP07A	22AUG07		100	2,404.80	2,404.80	-9	EM/TB =32hr ;				
PHIL-44		Analyze data; write report	14		19SEP07	08OCT07	12SEP07	-5		0.00	0.00	-18					
R1810-2050		Consulting support for welding trials	60*		02JUL07A	25SEP07	12SEP07	1,252		56,718.20	89,320.00	-9	ewi=20\$K ; parsells=50\$K ;				
R1810-2003		Trial tensioning test on prototype with UT	3	1		11JUL07A	11JUL07		100	6,834.00	6,834.00	0	EM/TB =40hr ; 41=03\$K ;				
R1810-2005		Trial bushing and shim test on prototype	12	1		31JUL07A	31JUL07		100	20,588.00	20,588.00	0	EM/TB =240hr ; 41=02\$K ;				

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY					
													FY08	FY09	FY10	FY11		
R1810-2011		Alignment mechanisms, metro equip & positioning	26	1	04SEP07*	09OCT07	28SEP07	8		0.00	60,562.87	-7						
R1810-2013		Procure alignment mechanisms, fiducials, lifting	40	1	04SEP07*	29OCT07	27SEP07	-5		0.00	63,421.60	-22						
R1810-2052		Bushing test B-C	7	1		26JUL07A	26JUL07		100	8,416.80	8,416.80	0						
R1810-2017		Determine fiducial types & locations	40*	1	01JUN07A	27JUL07A	23JUL07		100	19,085.00	19,085.00	-4						
R1810-2001		Misc Hardware and hardware rework (1/2 fte loe)	260*	1	01MAY07A	14MAY08	14MAY08	1,095	LOE	29,451.15	87,913.87	0						
<b>Setup</b>																		
R1810-2023		Install FIRST Holding 20 deg fixture	0	1		31JUL07A	12JUL07		100	8,564.00	8,564.00	-13						
R1810-2025		Install SECOND Holding 20 deg fixture	0	1		31JUL07A	03AUG07		100	7,061.00	7,061.00	3						
R1810-2027		Install THIRD Holding 20 deg fixture	6	1	01OCT07*	08OCT07	13AUG07	6		0.00	12,229.20	-39						
R1810-2029		Install LAST Holding 20 deg fixture	3	1	09OCT07*	11OCT07	16AUG07	6		0.00	7,422.60	-39						
R1810-2004		Receive Drawings & Hardware (shims & Bolts)	7	1	15OCT07	23OCT07	20SEP07	84		0.00	11,215.40	-23						
R1810-2006		Surface grind set of metal shims for qualificat	4	1	06NOV07*	09NOV07	20SEP07	-13		0.00	19,226.40	-36						
R1810-207		Compress alumina shims and sort	6	1	25SEP07*	02OCT07	28SEP07	15		0.00	9,216.40	-2						
R1810-209		Perform metrology setup & checks	22	1	10SEP07*	09OCT07	09OCT07	10		0.00	7,672.82	0						
R1810-2021		Tools & tooling available for FPA operations	2	1	12OCT07	15OCT07	02OCT07	6		0.00	9,744.40	-9						
R1810-2002		Test out Equip & Procedures	7	1	02NOV07	12NOV07	10OCT07	-14		0.00	11,215.40	-23						
R1810-2108		HARDWARE, DRAWINGS, & PROCURES AVAILABLE	0	1		23NOV07	23OCT07	-23		0.00	0.00	-23						
<b>Pre-Measuring and fitup checks</b>																		
Pre measurement of MCHP A1,B1,C1 flanges																		
S21-1.01		Verify mating MC's A1,B1,C1	4	1		25JUL07A	25JUL07		100	6,012.00	6,012.00	0						
S21-1.02		Epoxy paint all close fitting interfacing surfac	3	1	04SEP07	06SEP07	30JUL07	-13		0.00	4,509.00	-27						
S21-2.01		Set B1 on pre-measured fixt, "B" side down	1	1		31JUL07A	31JUL07		100	1,503.00	1,503.00	0						
S21-2.02		Align to the conical seats locking into of 8	2	1		02AUG07A	02AUG07		100	0.00	0.00	0						
S21-2.03		Etab global coord sys on mc geometry. Meas monu	7	1		13AUG07A	13AUG07		100	0.00	0.00	0						
S21-2.04		Meas tooling ball monuments on winding form.	1	1		14AUG07A	14AUG07		100	0.00	0.00	0						
S21-2.05		Scan the "A" flange of the Type-B1 coil.	1	1		15AUG07A	15AUG07		100	0.00	0.00	0						
S21-2.07		Remove B1 coil from stand	1	1		16AUG07A	16AUG07		100	1,503.00	1,503.00	0						
S21-2.08		Measure A1 "A" flange	14	1	07SEP07	26SEP07	06SEP07	-13		0.00	3,006.00	-14						
S21-2.11		Measure C1 "A" flange	13	1	27SEP07	15OCT07	25SEP07	-13		0.00	3,173.88	-14						
S21-2.14		Measure Type A1-A2 "A" flange	13	1	16OCT07	01NOV07	12OCT07	-13		0.00	3,204.40	-14						
S21-3.02		Grind shims first article f/assy process qu	4	1	02NOV07	07NOV07	18OCT07	-13		0.00	6,408.80	-14						
S21-4.02		Perform metrology set-up and checks	2	1	08NOV07	09NOV07	22OCT07	-13		0.00	0.00	-14						
S21-3.03		Ready For Preassembly A1B1C1	0	1		09NOV07	22OCT07	-13		0.00	0.00	-14						
Pre measurement of MCHP A2,B2,C2 flanges																		
S22-1.01		Verify mating MC's of MCHP will come together	4		12NOV07	15NOV07	26OCT07	-10		0.00	6,408.80	-14						
S22-1.02		Epoxy paint all close fitting interfacing surfac	3		16NOV07	20NOV07	31OCT07	-10		0.00	4,806.60	-14						
S22-2.08		Measure B2 "A" flange	14	1	21NOV07	12DEC07	20NOV07	-10		0.00	3,204.40	-14						
S22-2.11		Measure C2 "A" flange	13	1	13DEC07	09JAN08	11DEC07	-10		0.00	3,204.40	-14						
S22-2.14		Measure Type A1-A2 "A" flange	13	1	10JAN08	28JAN08	08JAN08	-10		0.00	3,204.40	-14						
S22-3.02		Compress alumina shims sort by thickness	4		29JAN08	01FEB08	14JAN08	-10		0.00	6,408.80	-14						
S22-4.02		Perform metrology set-up and checks	2		04FEB08	05FEB08	16JAN08	-10		0.00	0.00	-14						
S22-4.03		Ready For Preassembly A2B2C2	0			05FEB08	16JAN08	-10		0.00	0.00	-14						

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY			
													FY08	FY09	FY10	FY11
Pre measurement of MCHP A3,B3,C3 flanges																
S23-1.01		Verify mating MC's of MCHP will come together	4		06FEB08	11FEB08	22JAN08	-10		0.00	6,408.80	-14				
S23-1.02		Epoxy paint all close fitting interfacing surfac	3		12FEB08	14FEB08	25JAN08	-10		0.00	4,806.60	-14				
S23-2.01		Set the A3 coil on fixture, A side flange down	1		15FEB08	15FEB08	28JAN08	-10		0.00	1,602.20	-14				
S23-2.02		Align to the conical seats locking into min of 8	2		18FEB08	19FEB08	30JAN08	-10		0.00	0.00	-14				
S23-2.03		Measure monuments on fixture and walls.	7		20FEB08	28FEB08	08FEB08	-10		0.00	0.00	-14				
S23-2.04		Measure tooling ball monuments	1		29FEB08	29FEB08	11FEB08	-10		0.00	0.00	-14				
S23-2.05		Scan the B flange of A3	1		03MAR08	03MAR08	12FEB08	-10		0.00	0.00	-14				
S23-2.07		Remove A3 move to holding area.	1		04MAR08	04MAR08	13FEB08	-10		0.00	1,602.20	-14				
S23-2.08		Measure B3 "A" flange	14		05MAR08	24MAR08	04MAR08	-10		0.00	3,204.40	-14				
S23-2.11		Measure C3 "A" flange	13		25MAR08	10APR08	21MAR08	-10		0.00	3,204.40	-14				
S23-2.14		Measure Type A3-A4 "A" flange	13		11APR08	29APR08	09APR08	-10		0.00	3,204.40	-14				
S23-3.02		Compress alumina shims sort by thickness	4		30APR08	05MAY08	15APR08	-10		0.00	4,806.60	-14				
S23-4.02		Perform metrology set-up and checks	2		06MAY08	07MAY08	17APR08	-10		0.00	0.00	-14				
S23-4.03		Ready For Preassembly A3B3C3	0		08MAY08	07MAY08	17APR08	-10		0.00	0.00	-14				
Pre measurement of MCHP A4,B4,C4 flanges																
S24-1.01		Verify mating MC's of MCHP will come together	4		08MAY08	13MAY08	23APR08	-10		0.00	6,408.80	-14				
S24-1.02		Epoxy paint all close fitting interfacing surfac	3		14MAY08	16MAY08	28APR08	-10		0.00	4,806.60	-14				
S24-2.08		Measure B4 "A" flange	14	1	19MAY08	06JUN08	16MAY08	-10		0.00	3,204.40	-14				
S24-2.11		Measure C4 "A" flange	13	1	09JUN08	25JUN08	05JUN08	-10		0.00	3,204.40	-14				
S24-2.14		Measure Type A3-A4 "A" flange	13	1	26JUN08	15JUL08	24JUN08	-10		0.00	3,204.40	-14				
S24-3.02		Compress alumina shims sort by thickness	4		16JUL08	21JUL08	30JUN08	-10		0.00	6,408.80	-14				
S24-4.02		Perform metrology set-up and checks	2		22JUL08	23JUL08	02JUL08	-10		0.00	0.00	-14				
S24-4.03		Ready For Preassembly A4B4C4	0		24JUL08	23JUL08	02JUL08	-10		0.00	0.00	-14				
Pre measurement of MCHP A5,B5,C5 flanges																
S25-1.01		Verify mating MC's of MCHP will come together	4		24JUL08	29JUL08	09JUL08	-10		0.00	6,408.80	-14				
S25-1.02		Epoxy paint all close fitting interfacing surfac	3		30JUL08	01AUG08	14JUL08	-10		0.00	4,806.60	-14				
S25-2.01		Set the A5 coil on fixture, A side flange down	1		04AUG08	04AUG08	15JUL08	-10		0.00	1,602.20	-14				
S25-2.02		Align to the conical seats locking into min of 8	2		05AUG08	06AUG08	17JUL08	-10		0.00	0.00	-14				
S25-2.03		Measure monuments on fixture and walls.	7		07AUG08	15AUG08	28JUL08	-10		0.00	0.00	-14				
S25-2.04		Measure tooling ball monuments	1		18AUG08	18AUG08	29JUL08	-10		0.00	0.00	-14				
S25-2.05		Scan the B flange of A5	1		19AUG08	19AUG08	30JUL08	-10		0.00	0.00	-14				
S25-2.07		Remove A5 move to holding area.	1		20AUG08	20AUG08	31JUL08	-10		0.00	1,602.20	-14				
S25-2.08		Measure B5 "A" flange	14		21AUG08	10SEP08	20AUG08	-10		0.00	3,204.40	-14				
S25-2.11		Measure C5 "A" flange	13		11SEP08	29SEP08	09SEP08	-10		0.00	3,204.40	-14				
S25-2.14		Measure Type A5-A6 "A" flange	13		30SEP08	16OCT08	26SEP08	-10		0.00	3,291.17	-14				
S25-3.02		Compress alumina shims sort by thickness	4		17OCT08	22OCT08	02OCT08	-10		0.00	4,947.60	-14				
S25-4.02		Perform metrology set-up and checks	2		23OCT08	24OCT08	06OCT08	-10		0.00	0.00	-14				
S25-4.03		Ready For Preassembly A5B5C5	0		27OCT08	24OCT08	06OCT08	-10		0.00	0.00	-14				
Pre measurement of MCHP A6,B6,C6 flanges																
S26-1.01		Verify mating MC's of MCHP will come together	4		27OCT08	30OCT08	10OCT08	-10		0.00	6,596.80	-14				
S26-1.02		Epoxy paint all close fitting interfacing surfac	3		31OCT08	04NOV08	15OCT08	-10		0.00	4,947.60	-14				
S26-2.08		Measure B6 "A" flange	14	1	05NOV08	24NOV08	04NOV08	-10		0.00	3,298.40	-14				

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY							
													FY08	FY09	FY10	FY11				
S26-2.11		Measure C6 "A" flange	13	1	25NOV08	15DEC08	21NOV08	-10		0.00	3,298.40	-14								
S26-2.14		Measure Type A5-A6"A" flange	13	1	16DEC08	12JAN09	12DEC08	-10		0.00	3,298.40	-14								
S26-3.02		Compress alumina shims sort by thickness	4		13JAN09	16JAN09	18DEC08	-10		0.00	6,596.80	-14								
S26-4.02		Perform metrology set-up and checks	2		19JAN09	20JAN09	22DEC08	-10		0.00	0.00	-14								
S26-4.03		Ready For Preassembly A6B6C6	0		21JAN09	20JAN09	22DEC08	-10		0.00	0.00	-14								
<b>Station 2-MC Sub Assy A1-B1-C1</b>																				
<b>Pre-assembly A1-A2</b>																				
S21-5.00		BEGIN A-A Pre-assembly	0	1		23NOV07	23OCT07	-23		0.00	0.00	-23								
S21-5.01		Place A2 "B" side down. Obtain fiducials	2	1	26NOV07	27NOV07	25OCT07	-23		0.00	3,204.40	-23								
S21-5.02		Align to the conical seats locking into 8.	1	1	28NOV07	28NOV07	26OCT07	-23		0.00	0.00	-23								
S21-5.03		Meas monuments on fixture & walls.	2	1	03DEC07	04DEC07	30OCT07	-23		0.00	0.00	-23								
S21-5.04		Place shims on coil identical to A1-A2 fit up	1	1	05DEC07	05DEC07	31OCT07	-23		0.00	801.10	-23								
S21-5.05		Install dial indicators on the MC to see deflec	1	1	06DEC07	06DEC07	01NOV07	-23		0.00	3,204.40	-23								
S21-5.06		Lower mating A1 modular coil into position.	1	1	07DEC07	07DEC07	02NOV07	-23		0.00	1,602.20	-23								
S21-5.07		Meas monuments bottom coil. Jack to .0026	1	1	10DEC07	10DEC07	05NOV07	-23		0.00	1,602.20	-23								
S21-5.08		Using 3 points, position as was done inA1A2 fit	1	1	11DEC07	11DEC07	06NOV07	-23		0.00	1,602.20	-23								
S21-5.09		Torque to 50%	2	1	12DEC07	13DEC07	08NOV07	-23		0.00	3,204.40	-23								
S21-5.1		Make "wobble" test Tighten bolt and recheck.	1	1	14DEC07	14DEC07	09NOV07	-23		0.00	1,602.20	-23								
S21-5.11		Meas tooling balls both coils.	5	1	17DEC07	21DEC07	16NOV07	-23		0.00	0.00	-23								
S21-5.12		Adjust shims locally. Re-torque all studs to 50%	3	1	02JAN08	04JAN08	21NOV07	-23		0.00	4,806.60	-23								
S21-5.14		Install A-A locator bushings	2	1	07JAN08	08JAN08	23NOV07	-23		0.00	3,204.40	-23								
S21-5.15		Remove studs,nuts,shims. Identify shim locations	1	1	09JAN08	09JAN08	26NOV07	-23		0.00	1,602.20	-23								
<b>A-B Assembly</b>																				
S21-6.01		Place Type A "A" side down. Obtain fiducials	2	1	10JAN08	11JAN08	28NOV07	-23		0.00	3,204.40	-23								
S21-6.02		Align to the conical seats locking into 8.	1	1	14JAN08	14JAN08	03DEC07	-23		0.00	0.00	-23								
S21-6.03		Meas monuments on fixture & walls.	2	1	15JAN08	16JAN08	05DEC07	-23		0.00	0.00	-23								
S21-6.04		Place the an initial set shims on coil	2	1	17JAN08	18JAN08	07DEC07	-23		0.00	3,204.40	-23								
S21-6.041		Stuff shim bag w/fiberglass & place on wing	1	1	21JAN08	21JAN08	10DEC07	-23		0.00	400.55	-23								
S21-6.05		Lower the Type-B coil onto the Type-A coil.	1	1	22JAN08	22JAN08	11DEC07	-23		0.00	1,602.20	-23								
S21-6.06		Measure monuments on A coil. Jack to .0026	1	1	23JAN08	23JAN08	12DEC07	-23		0.00	1,602.20	-23								
S21-6.061		instl dial indicators for x-y positioning	1	1	24JAN08	24JAN08	13DEC07	-23		0.00	1,602.20	-23								
S21-6.07		Perform the X-Y positioning of the B coil.	1	1	25JAN08	25JAN08	14DEC07	-23		0.00	1,602.20	-23								
S21-6.08		Install remaining metal shims torque to 50%	2	1	28JAN08	29JAN08	18DEC07	-23		0.00	3,204.40	-23								
S21-6.09		Make "wobble" test Tighten bolt and recheck.	1	1	30JAN08	30JAN08	19DEC07	-23		0.00	1,602.20	-23								
S21-6.1		Measure the tooling balls on both coils.	5	1	31JAN08	06FEB08	04JAN08	-23		0.00	0.00	-23								
S21-6.11		Loosen studs, adjust shims. Re-torque to 50%	3	1	07FEB08	11FEB08	09JAN08	-23		0.00	4,806.60	-23								
S21-6.12		Install alumina shims. Re-torque to 50%	1	1	12FEB08	12FEB08	10JAN08	-23		0.00	1,602.20	-23								
S21-6.13		Make "wobble" test Tighten bolt and recheck.	1	1	13FEB08	13FEB08	11JAN08	-23		0.00	1,602.20	-23								
S21-6.14		Measuretooling balls . The max devi .0076 .	5	1	14FEB08	20FEB08	18JAN08	-23		0.00	0.00	-23								
S21-6.15		Loosen studs, adjust shims. Re-torque to 50%	3	1	21FEB08	25FEB08	23JAN08	-23		0.00	4,806.60	-23								
S21-6.16		Install bushings. Tighten back to 50%	10	1	26FEB08	10MAR08	06FEB08	-23		0.00	16,022.00	-23								
S21-6.17		Complete tightening of flange bolts to 100%	1	1	11MAR08	11MAR08	07FEB08	-23		0.00	1,602.20	-23								
S21-6.18		Measuretooling balls . The max devi .0076 .	2	1	12MAR08	13MAR08	11FEB08	-23		0.00	0.00	-23								

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY					
													FY08	FY09	FY10	FY11		
S21-6.19		Scan the δBö flange of Type-B coil	1	1	14MAR08	14MAR08	12FEB08	-23		0.00	1,602.20	-23						
AB - C Assembly																		
S21-7.01		Place δA/Bö assy, δAö coil dwn, on 40deg fix.	3	1	17MAR08	19MAR08	15FEB08	-23		0.00	4,806.60	-23						
S21-7.02		Align to the conical seats locking into a min of	1	1	20MAR08	20MAR08	18FEB08	-23		0.00	0.00	-23						
S21-7.03		Measure the monuments on the fixture & the walls	2	1	21MAR08	24MAR08	20FEB08	-23		0.00	0.00	-23						
S21-7.04		Place initial set metal shims on the coil	2	1	25MAR08	26MAR08	22FEB08	-23		0.00	3,204.40	-23						
S21-7.05		Lower the Type-C coil onto the Type-B coil.	1	1	27MAR08	27MAR08	25FEB08	-23		0.00	1,602.20	-23						
S21-7.06		Meas monuments on A coil to eval displacement.	1	1	28MAR08	28MAR08	26FEB08	-23		0.00	0.00	-23						
S21-6.062		instl dial indicators for x-y positioning	1	1	31MAR08	31MAR08	27FEB08	-23		0.00	1,602.20	-23						
S21-7.07		Perform the X-Y positioning of the coil.	1	1	01APR08	01APR08	28FEB08	-23		0.00	1,602.20	-23						
S21-7.08		Install remaining metal shims torque to 50%	2	1	02APR08	03APR08	03MAR08	-23		0.00	3,204.40	-23						
S21-7.09		"wiggle" test Tighten bolt and recheck.	1	1	04APR08	04APR08	04MAR08	-23		0.00	1,602.20	-23						
S21-7.1		Measure the tooling balls on all coils.	5	1	07APR08	11APR08	11MAR08	-23		0.00	0.00	-23						
S21-7.11		adjust shims locally. Re-torque all studs to 50%	3	1	14APR08	16APR08	14MAR08	-23		0.00	4,806.60	-23						
S21-7.12		linstall alumina shims. Re-torque all studs to	1	1	17APR08	17APR08	17MAR08	-23		0.00	1,602.20	-23						
S21-7.13		"wiggle" test Tighten bolt and recheck.	1	1	18APR08	18APR08	18MAR08	-23		0.00	1,602.20	-23						
S21-7.14		Measure the tooling balls on all coils.	5	1	21APR08	25APR08	25MAR08	-23		0.00	8,011.00	-23						
S21-7.15		adjust shims locally. Re-torque all studs to 50	3	1	28APR08	30APR08	28MAR08	-23		0.00	4,806.60	-23						
S21-7.16		Install bushings	10	1	01MAY08	14MAY08	11APR08	-23		0.00	16,022.00	-23						
S21-7.17		Complete tightening of flange bolts to 100%	1	1	15MAY08	15MAY08	14APR08	-23		0.00	1,602.20	-23						
S21-11.01		Identify primary fiducials for positioning Sta 3	1	1	16MAY08	16MAY08	15APR08	-23		0.00	1,602.20	-23						
S21-7.18		Final metrology meas. Scan δBö flangeType-C coil	5	1	19MAY08	23MAY08	22APR08	-23		0.00	0.00	-23						
Tack Weld Inboard Welded hims																		
S21-8.01		Tack weld inboard shims	2	1	27MAY08	28MAY08	24APR08	-23		0.00	3,204.40	-23						
Complete Local Service & interface details																		
S21-10.01		Install all wing support bladders	2	1	29MAY08	30MAY08	28APR08	-17		0.00	3,204.40	-23						
S21-10.02		Make local service runs/connections	8	1	29MAY08	09JUN08	06MAY08	-23		0.00	12,817.60	-23						
S21-10.03		Inject stycast in all shim spaces	1	1	29MAY08	29MAY08	25APR08	-16		0.00	1,602.20	-23						
Final Measurements/Transfer to Holding Area																		
DOE-1		Notify DOE of scheduled station 3 lifts	0	1		29APR08	27MAR08	-23		0.00	0.00	-23						
DOE-2		DOE review lift procedures	30	1	30APR08	11JUN08	08MAY08	-23		0.00	0.00	-23						
DOE-3		DOE approval of scheduled station 3 lifts	0	1		11JUN08	08MAY08	-23		0.00	0.00	-23						
S21-11.03		Measure bolt length on all tension fasteners	0	1	12JUN08	11JUN08	08MAY08	-23		0.00	0.00	-23						
S21-11.04		Mark part for identification	0	1	12JUN08	11JUN08	08MAY08	-23		0.00	0.00	-23						
S21-11.05		Install lift support beams	2	1	10JUN08	11JUN08	08MAY08	-23		0.00	3,204.40	-23						
S21-11.06		Remove from stand & measure weight of assy	1	1	12JUN08	12JUN08	09MAY08	-23		0.00	1,602.20	-23						
S21-11.07		Move A1-B1-C1 to holding area.	0	1	13JUN08	12JUN08	09MAY08	-23		0.00	0.00	-23						
S21-11.07M	2	Complete 1st MCHP Assy (Sta 2)	0	1		12JUN08	09MAY08	-23		0.00	0.00	-23						
Station 2 MC Sub Assy A2-B2-C2																		
A-B Assembly																		
S22-6.01		A2 δAö flange dwn, 20deg fixt.Obtain fiduci	1	1	17MAR08	17MAR08	13FEB08	-19		0.00	1,602.20	-23						
S22-6.02		Align to the conical seats locking into a min of	1	1	18MAR08	18MAR08	14FEB08	-19		0.00	0.00	-23						
S22-6.03		Measure monuments on fixture and on the walls.	2	1	19MAR08	20MAR08	18FEB08	-19		0.00	0.00	-23						
S22-6.04		Place alumina grind inboard weld shims on coil.	2	1	21MAR08	24MAR08	20FEB08	-19		0.00	3,204.40	-23						

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY								
													FY08	FY09	FY10	FY11					
S22-6.05		Lower the Type-B coil onto the Type-A coil.	1	1	25MAR08	25MAR08	21FEB08	-19		0.00	1,602.20	-23									
S22-6.06		Meas monuments on A coil. Jack to within .002ö	1	1	26MAR08	26MAR08	22FEB08	-19		0.00	0.00	-23									
S22-6.07		Perform the X-Y positioning of the B coil.	1	1	27MAR08	27MAR08	25FEB08	-19		0.00	0.00	-23									
S22-6.08		Install studs, supernuts, torque to 50%of final	2	1	28MAR08	31MAR08	27FEB08	-19		0.00	3,204.40	-23									
S22-6.09		"wiggle" test Tighten bolt and recheck.	1	1	01APR08	01APR08	28FEB08	-19		0.00	1,602.20	-23									
S22-6.1		Meas tooling balls on both coils. max devi .007ö	5	1	02APR08	08APR08	06MAR08	-19		0.00	0.00	-23									
S22-6.11		adjust shims locally. Re-torque all studs to 50%	3	1	09APR08	11APR08	11MAR08	-19		0.00	4,806.60	-23									
S22-6.12		Install bushings	10	1	14APR08	25APR08	25MAR08	-19		0.00	16,022.00	-23									
S22-6.13		Complete tightening of flange bolts to 100%	1	1	28APR08	28APR08	26MAR08	-19		0.00	1,602.20	-23									
S22-6.14		Measure the tooling balls on both coils.	3	1	29APR08	01MAY08	31MAR08	-19		0.00	0.00	-23									
S22-6.15		Scan the öBö flange of Type-B coil	1	1	02MAY08	02MAY08	01APR08	-19		0.00	1,602.20	-23									
AB - C Assembly																					
S22-7.01		öA/Bö assy öAö coil dwn, 40deg fixt.Obtain fiduc	2	1	05MAY08	06MAY08	03APR08	-19		0.00	3,204.40	-23									
S22-7.02		Align to the conical seats locking into min of 8	1	1	07MAY08	07MAY08	04APR08	-19		0.00	0.00	-23									
S22-7.03		Measure monuments on fixture and walls.	2	1	08MAY08	09MAY08	08APR08	-19		0.00	0.00	-23									
S22-7.04		Place alumin grind inboard weld shims on coil.	2	1	12MAY08	13MAY08	10APR08	-19		0.00	3,204.40	-23									
S22-7.05		Lower the Type-C coil onto the Type-B coil.	1	1	14MAY08	14MAY08	11APR08	-19		0.00	1,602.20	-23									
S22-7.06		Meas monuments on A coil for displacements.	1	1	15MAY08	15MAY08	14APR08	-19		0.00	0.00	-23									
S22-7.07		Perform the X-Y positioning of the coil.	1	1	16MAY08	16MAY08	15APR08	-19		0.00	1,602.20	-23									
S22-7.08		Install studs, supernuts, torque to 50%of fina	2	1	19MAY08	20MAY08	17APR08	-19		0.00	3,204.40	-23									
S22-7.09		"wiggle" test Tighten bolt and recheck.	1	1	21MAY08	21MAY08	18APR08	-19		0.00	1,602.20	-23									
S22-7.1		Measure the tooling balls on all coils.	5	1	22MAY08	29MAY08	25APR08	-19		0.00	0.00	-23									
S22-7.11		Install bushings Replace nut and tighten to 50%	10	1	30MAY08	12JUN08	09MAY08	-19		0.00	16,022.00	-23									
S22-7.12		Complete tightening of flange bolts to 100%	1	1	13JUN08	13JUN08	12MAY08	-19		0.00	1,602.20	-23									
S22-7.13		Measure the tooling balls on both coils.	4	1	16JUN08	19JUN08	16MAY08	-19		0.00	0.00	-23									
Tack Weld Inboard Welded hims																					
S22-8.01		Tack weld all inboard shims to one flange	1	1	20JUN08	20JUN08	19MAY08	-19		0.00	1,602.20	-23									
Complete Local Service & interface details																					
S22-10.01		Install all wing support bladders	2	1	23JUN08	24JUN08	21MAY08	-19		0.00	3,204.40	-23									
S22-10.02		local service connections on each MC.	8	1	25JUN08	07JUL08	03JUN08	-19		0.00	12,817.60	-23									
S22-10.03		Inject stycast to fill in all shim spaces	1	1	08JUL08	08JUL08	04JUN08	-19		0.00	1,602.20	-23									
Final Measurements/Transfer to Holding Area																					
S22-11.01		Install or identify three primary fiducials	1	1	09JUL08	09JUL08	05JUN08	-19		0.00	1,602.20	-23									
S22-11.02		Final metrology measurement of all fiducials.	5	1	10JUL08	16JUL08	12JUN08	-19		0.00	0.00	-23									
S22-11.03		Tension tester measure bolt length	1	1	17JUL08	17JUL08	13JUN08	-19		0.00	801.10	-23									
S22-11.04		Mark part for identification	0	1	18JUL08	17JUL08	13JUN08	-19		0.00	0.00	-23									
S22-11.05		Install lift support beams	2	1	18JUL08	21JUL08	17JUN08	-19		0.00	3,204.40	-23									
S22-11.06	3	Remove from stand Move A2-B2-C2 to holding area	2	1	22JUL08	23JUL08	19JUN08	-19		0.00	3,204.40	-23									
Station 2-Modular Coil Subassembly-FP#2																					
S23-A3B3C3		Assemble/Align Mod-Coils A3/B3/C3	140	1	13JUN08	09JAN09	26NOV08	-23		0.00	172,516.61	-23									
S24-A4B4C4		Assemble/Align Mod-Coils A4/B4/C4	97	1	24JUL08	10DEC08	18NOV08	2		0.00	108,531.65	-14									

Activity ID	LESTO	Activity Description	Duration (work days)	SHIFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY			
													FY08	FY09	FY10	FY11
<b>Station 2-Modular Coil Subassembly-FP#3</b>																
S25-A5B5C5		Assemble/Align Mod-Coils A5/B5/C5 (under 1 shift	86	1	27OCT08*	06MAR09	16FEB09	-9		0.00	125,174.28	-14				
S25A5B5C52		Assemble/Align Mod-Coils A5/B5/C5 (under 2 shift	20	2	09MAR09*	03APR09	16MAR09	-9		0.00	50,053.22	-14				
S26-A6B6C6		Assemble/Align Mod-Coils A6/B6/C6	36	1	21JAN09*	11MAR09	19FEB09	-10		0.00	56,732.48	-14				
S26A6B6C62		Assemble/Align Mod-Coils A6/B6/C6	24	2	12MAR09*	14APR09	25MAR09	-10		0.00	53,351.62	-14				
<b>Station 3 Setup/Preparations/General</b>																
R1810-3102		Misc M&S	65	1	03APR08*	03JUL08	03JUL08	1,060		0.00	6,540.00	0				
R1810-3104		Procure 3 legged actuator system	20	1	01OCT07*	26OCT07	26OCT07	78		0.00	56,244.00	0				
R1810-3106		Load test 3 legged actuator system	3	1	29OCT07	31OCT07	31OCT07	78		0.00	7,690.56	0				
R1810-3108		Procure ,Fabricate 3 legged actuator lift fixtur	20	1	01OCT07*	26OCT07	26OCT07	73		0.00	7,848.00	0				
R1810-3112		Load Test 3 legged actuator lift fixtur	8	1	29OCT07	07NOV07	07NOV07	73		0.00	10,254.08	0				
R1810-3150		Fab New legs	4	1	01OCT07*	04OCT07	04OCT07	87		0.00	5,127.04	0				
R1810-3103		Install station 3 platforms (8 required)	4	1	24JAN08	29JAN08	23NOV07	17		0.00	22,052.32	-38				
R1810-3107		Test out station 3 equipment and procedures	4	1	30JAN08	04FEB08	03DEC07	17		0.00	13,080.00	-38				
R1810-3109		Begin assy of first field period assy	2	1	05FEB08	06FEB08	05DEC07	17		0.00	52,320.00	-38				
<b>Station 3-Assemble Mod Coils and VVSA-FP#1</b>																
R1810-2109		Begin Station 3	0	1	03MAR08*			0		0.00	0.00	0				
S31-1.01		Install Station 3 site monuments	3	1	03MAR08	05MAR08	05MAR08	0		0.00	7,422.60	0				
S31-1.02		Install floor mounted tracks and VV base support	5	1	06MAR08	12MAR08	12MAR08	56		0.00	9,319.00	0				
S31-1.03		Establish the MCHP CG location.	2	1	13MAR08	14MAR08	14MAR08	56		0.00	3,204.40	0				
S31-2.01		Install MCHP support cart assemblies	4	1	17MAR08	20MAR08	20MAR08	56		0.00	6,408.80	0				
S31-2.02		Verify cart motion.	2	1	21MAR08	24MAR08	24MAR08	56		0.00	3,204.40	0				
S31-2.03		Install adjustor bar support weldment	0	1	25MAR08	24MAR08	24MAR08	56		0.00	0.00	0				
S31-2.04		Position left MCHP on the cart assembly	1	1	13JUN08	13JUN08	12MAY08	-1		0.00	1,602.20	-23				
S31-2.05		Secure left MCHP on support cart base.	2	1	16JUN08	17JUN08	14MAY08	-1		0.00	3,204.40	-23				
S31-2.06		Measure monuments on left MCHP and walls	5	1	18JUN08	24JUN08	21MAY08	-1		0.00	0.00	-23				
S31-2.07		Set positioning stop on the cart	1	1	25JUN08	25JUN08	22MAY08	-1		0.00	1,602.20	-23				
S31-3.01		Move right base support cart to its final positi	1	1	26JUN08	26JUN08	23MAY08	-1		0.00	801.10	-23				
S31-3.02		Lift the right side MCHP and position	1	1	24JUL08	24JUL08	20JUN08	-19		0.00	1,602.20	-23				
S31-3.03		Temporary fasteners bring the parts together.	0	1	25JUL08	24JUL08	20JUN08	-19		0.00	0.00	-23				
S31-3.04		AirLoc Wedgemount leveler to take load.	0	1	25JUL08	24JUL08	20JUN08	-19		0.00	0.00	-23				
S31-3.05		Install temp scaffolding to install flange hw	1	1	25JUL08	25JUL08	23JUN08	-19		0.00	1,602.20	-23				
S31-3.06		Install bolts and shims	1	1	28JUL08	28JUL08	24JUN08	-19		0.00	1,602.20	-23				
S31-3.07		Tighten flange fasteners to 50%	1	1	29JUL08	29JUL08	25JUN08	-19		0.00	1,602.20	-23				
S31-3.08		Perform metrology measurements	5	1	30JUL08	05AUG08	02JUL08	-19		0.00	0.00	-23				
S31-3.09		Perform position adjust on right side MCHP	2	1	06AUG08	07AUG08	07JUL08	-19		0.00	3,204.40	-23				
S31-3.1		Verify position of the VV support hanger	3	1	08AUG08	12AUG08	10JUL08	-19		0.00	0.00	-23				
S31-3.11		Remove flange hardware and temp platforms	1	1	13AUG08	13AUG08	11JUL08	-19		0.00	1,602.20	-23				
S31-4.01		EMeasure monuments on the MCHP's & walls.	2	1	14AUG08	15AUG08	15JUL08	-19		0.00	2,616.00	-23				
S31-4.02		Place all of the laser screens	2	1	18AUG08	19AUG08	17JUL08	-19		0.00	3,204.40	-23				



Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY					
													FY08	FY09	FY10	FY11		
S31-4.03		Determine laser alignment.	1	1	20AUG08	20AUG08	18JUL08	-19		0.00	1,602.20	-23						
S31-4.04		mount the milar on the screens.	1	1	21AUG08	21AUG08	21JUL08	-19		0.00	0.00	-23						
S31-4.05		Disengage MCHP's to move the left MCHP.	1	1	22AUG08	22AUG08	22JUL08	-19		0.00	1,602.20	-23						
S31-4.06		Remove both MCHP's.	2	1	25AUG08	26AUG08	24JUL08	-19		0.00	3,204.40	-23						
S31-5.01		Remove the adjustor bar support from left side.	0	1	27AUG08	26AUG08	24JUL08	-19		0.00	0.00	-23						
S31-5.02		Install VV NBI port support stand.	2	1	27AUG08	28AUG08	28JUL08	-19		0.00	3,204.40	-23						
S31-5.03		Install VVSA to base support	1	1	29AUG08	29AUG08	29JUL08	-19		0.00	1,602.20	-23						
S31-5.04		Secure the VVSA to base & NBI port sprt stand.	2	1	02SEP08	03SEP08	31JUL08	-19		0.00	3,204.40	-23						
S31-6.01		Install bumper protection components on the VV	1	1	04SEP08	04SEP08	01AUG08	-19		0.00	801.10	-23						
S31-6.02		Position AirLoc Wedgemount in lower position.	0	1	05SEP08	04SEP08	01AUG08	-19		0.00	0.00	-23						
S31-6.03		move the left MCHP over the VV.	2	1	05SEP08	08SEP08	05AUG08	-19		0.00	3,204.40	-23						
S31-6.04		Re-install the left adjustor bar.	0	1	09SEP08	08SEP08	05AUG08	-19		0.00	0.00	-23						
S31-6.05		Make adjustments to properly align MCHP.	2	1	09SEP08	10SEP08	07AUG08	-19		0.00	3,204.40	-23						
S31-6.06		Transfer load to the AirLoc Wedgemount leveler.	0	1	11SEP08	10SEP08	07AUG08	-19		0.00	0.00	-23						
S31-6.07		move the MCHP to the left 1/2".	0	1	11SEP08	10SEP08	07AUG08	-19		0.00	0.00	-23						
S31-7.01		Position AirLoc Wedgemount lowered position.	0	1	11SEP08	10SEP08	07AUG08	-19		0.00	0.00	-23						
S31-7.02		move the right MCHP over the VV	2	1	11SEP08	12SEP08	11AUG08	-19		0.00	3,204.40	-23						
S31-7.03		move the left MCHP to its final position.	1	1	15SEP08	15SEP08	12AUG08	-19		0.00	801.10	-23						
S31-7.04		engage the preinstalled Type-A flange bushings.	1	1	16SEP08	16SEP08	13AUG08	-19		0.00	801.10	-23						
S31-7.05		Temporary fasteners bring the parts together.	0	1	17SEP08	16SEP08	13AUG08	-19		0.00	0.00	-23						
S31-7.06		AirLoc Wedgemount leveler up to take the load.	1	1	17SEP08	17SEP08	14AUG08	-19		0.00	801.10	-23						
S31-7.07		Remove laser screens	0	1	18SEP08	17SEP08	14AUG08	-19		0.00	0.00	-23						
S31-7.08		Install temp scaffolding to install flange hw	4	1	18SEP08	23SEP08	20AUG08	-19		0.00	6,408.80	-23						
S31-7.09		Install bolts, alumina and inboard weld shims.	2	1	24SEP08	25SEP08	22AUG08	-19		0.00	3,204.40	-23						
S31-7.1		Tighten flange fasteners to 50%	1	1	26SEP08	26SEP08	25AUG08	-19		0.00	1,602.20	-23						
S31-7.11		"wiggle" test Tighten bolt and recheck.	1	1	29SEP08	29SEP08	26AUG08	-19		0.00	1,602.20	-23						
S31-7.12		Perform metrology measurements	5	1	30SEP08	06OCT08	03SEP08	-19		0.00	0.00	-23						
S31-7.13		Perform position adjustments right side MCHP	3	1	07OCT08	09OCT08	08SEP08	-19		0.00	4,947.60	-23						
S31-7.14		Remove SISCO actuator from right MCHP.	0	1	10OCT08	09OCT08	08SEP08	-19		0.00	0.00	-23						
S31-7.15		Pre-fit & Install bushings	10	1	01OCT08	14OCT08	11SEP08	-19		0.00	16,492.00	-23						
S31-7.16		Tighten nuts 100% & Measure	1	1	15OCT08	15OCT08	12SEP08	-19		0.00	1,649.20	-23						
S31-8.01		partially weld the inboard shim.	15	1	16OCT08	05NOV08	03OCT08	-19		0.00	24,738.00	-23						
S31-8.02		Final complete MC scan verify period alignment.	5	1	06NOV08	12NOV08	10OCT08	-19		0.00	0.00	-23						
S31-9.01		Attach VV permanent vertical supports	2	1	13NOV08	14NOV08	14OCT08	-19		0.00	3,298.40	-23						
S31-9.02		Attach temporary VV vertical supports	1	1	17NOV08	17NOV08	15OCT08	-19		0.00	1,649.20	-23						
S31-9.03		Transfer load to vertical supports.	1	1	18NOV08	18NOV08	16OCT08	-19		0.00	1,649.20	-23						
S31-9.04		Install VV lateral supports and align	4	1	19NOV08	24NOV08	22OCT08	-19		0.00	6,596.80	-23						
S31-9.05		Prepare VVSA for transport.	2	1	25NOV08	26NOV08	24OCT08	-19		0.00	3,298.40	-23						
S31-10.01		transfer the unit to the transfer support frame	2	1	01DEC08	02DEC08	28OCT08	-19		0.00	6,596.80	-23						
S31-10.02		Transfer Period 1 to Station 5 in NCSX TC	1	1	03DEC08	03DEC08	29OCT08	-19		0.00	3,298.40	-23						
S31-10.02M	2	Complete 1st MC-VV Assy (Sta 3)	0	1		03DEC08	29OCT08	-19		0.00	0.00	-23						

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	Fiscal Year									
													FY08	FY09	FY10	FY11						
<b>Station 3-Assemble Mod Coils and VVSA-FP#2</b>																						
S32-1.01		Install Station 3 site monuments	3	1	04DEC08	08DEC08	03NOV08	-19		0.00	7,741.60	-23										
S32-1.02		Install floor mounted tracks and VV base support	5	1	09DEC08	15DEC08	10NOV08	-19		0.00	9,643.00	-23										
S32-1.03		Establish the MCHP CG location.	2	1	16DEC08	17DEC08	12NOV08	-19		0.00	3,298.40	-23										
S32-2.01		Install MCHP support cart assemblies	4	1	18DEC08	23DEC08	18NOV08	-19		0.00	6,596.80	-23										
S32-2.02		Verify cart motion.	2	1	02JAN09	05JAN09	20NOV08	-19		0.00	3,298.40	-23										
S32-2.03		Install adjustor bar support weldment	0	1	06JAN09	05JAN09	20NOV08	-19		0.00	0.00	-23										
S32-2.04		Position left MCHP on the cart assembly	1	1	12JAN09	12JAN09	01DEC08	-23		0.00	1,649.20	-23										
S32-2.05		Secure left MCHP on support cart base.	2	1	13JAN09	14JAN09	03DEC08	-23		0.00	3,298.40	-23										
S32-2.06		Measure monuments on left MCHP and walls	5	1	15JAN09	21JAN09	10DEC08	-23		0.00	0.00	-23										
S32-2.07		Set positioning stop on the cart	1	1	22JAN09	22JAN09	11DEC08	-23		0.00	1,649.20	-23										
S32-3.01		Move right base support cart to its final positi	1	1	23JAN09	23JAN09	12DEC08	-23		0.00	824.60	-23										
S32-3.02		Lift the right side MCHP and position	1	1	26JAN09	26JAN09	15DEC08	-23		0.00	1,649.20	-23										
S32-3.03		Temporary fasteners bring the parts together.	0	1	27JAN09	26JAN09	15DEC08	-23		0.00	0.00	-23										
S32-3.04		AirLoc Wedgemount leveler to take load.	0	1	27JAN09	26JAN09	15DEC08	-23		0.00	0.00	-23										
S32-3.05		Install temp scaffolding to install flange hw	1	1	27JAN09	27JAN09	16DEC08	-23		0.00	1,649.20	-23										
S32-3.06		Install bolts and shims	1	1	28JAN09	28JAN09	17DEC08	-23		0.00	1,649.20	-23										
S32-3.07		Tighten flange fasteners to 50%	1	1	29JAN09	29JAN09	18DEC08	-23		0.00	1,649.20	-23										
S32-3.08		Perform metrology measurements	5	1	30JAN09	05FEB09	05JAN09	-23		0.00	0.00	-23										
S32-3.09		Perform position adjust on right side MCHP	2	1	06FEB09	09FEB09	07JAN09	-23		0.00	3,298.40	-23										
S32-3.1		Verify position of the VV support hanger	3	1	10FEB09	12FEB09	12JAN09	-23		0.00	0.00	-23										
S32-3.11		Remove flange hardware and temp platforms	1	1	13FEB09	13FEB09	13JAN09	-23		0.00	1,649.20	-23										
S32-4.01		EMeasure monuments on the MCHP's & walls.	2	1	16FEB09	17FEB09	15JAN09	-23		0.00	2,794.00	-23										
S32-4.02		Place all of the laser screens	2	1	18FEB09	19FEB09	19JAN09	-23		0.00	3,298.40	-23										
S32-4.03		Determine laser alignment.	1	1	20FEB09	20FEB09	20JAN09	-23		0.00	1,649.20	-23										
S32-4.04		mount the milar on the screens.	1	1	23FEB09	23FEB09	21JAN09	-23		0.00	0.00	-23										
S32-4.05		Disengage MCHP's to move the left MCHP.	1	1	24FEB09	24FEB09	22JAN09	-23		0.00	1,649.20	-23										
S32-4.06		Remove both MCHP's.	2	1	25FEB09	26FEB09	26JAN09	-23		0.00	3,298.40	-23										
S32-5.01		Remove the adjustor bar support from left side.	0	1	27FEB09	26FEB09	26JAN09	-23		0.00	0.00	-23										
S32-5.02		Install VV NBI port support stand.	2	1	27FEB09	02MAR09	28JAN09	-23		0.00	3,298.40	-23										
S32-5.03		Install VVSA to base support	1	1	03MAR09	03MAR09	29JAN09	-23		0.00	1,649.20	-23										
S32-5.04		Secure the VVSA to base & NBI port sprt stand.	1	2	04MAR09	04MAR09	30JAN09	-23		0.00	3,298.40	-23										
S32-6.01		Install bumper protection components on the VV	1	2	04MAR09	04MAR09	30JAN09	-23		0.00	824.60	-23										
S32-6.02		Position AirLoc Wedgemount in lower position.	0	2	05MAR09	04MAR09	30JAN09	-23		0.00	0.00	-23										
S32-6.03		move the left MCHP over the VV.	1	2	05MAR09	05MAR09	02FEB09	-23		0.00	3,298.40	-23										
S32-6.04		Re-install the left adjustor bar.	0	2	06MAR09	05MAR09	02FEB09	-23		0.00	0.00	-23										
S32-6.05		Make adjustments to properly align MCHP.	1	2	06MAR09	06MAR09	03FEB09	-23		0.00	3,298.40	-23										
S32-6.06		Transfer load to the AirLoc Wedgemount leveler.	0	2	09MAR09	06MAR09	03FEB09	-23		0.00	0.00	-23										
S32-6.07		move the MCHP to the left 1/2".	0	2	09MAR09	06MAR09	03FEB09	-23		0.00	0.00	-23										
S32-7.01		Position AirLoc Wedgemount lowered position.	0	2	09MAR09	06MAR09	03FEB09	-23		0.00	0.00	-23										
S32-7.02		move the right MCHP over the VV	1	2	09MAR09	09MAR09	04FEB09	-23		0.00	3,298.40	-23										

Activity ID	LESTO	Activity Description	Duration (work days)	SHIFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY			
													FY08	FY09	FY10	FY11
S32-7.03		move the left MCHP to its final position.	1	2	09MAR09	09MAR09	04FEB09	-23		0.00	824.60	-23				
S32-7.04		engage the preinstalled Type-A flange bushings.	1	2	09MAR09	09MAR09	04FEB09	-23		0.00	824.60	-23				EM/TB =10hr ;
S32-7.05		Temporary fasteners bring the parts together.	0	2	10MAR09	09MAR09	04FEB09	-23		0.00	0.00	-23				EM/TB =00hr ;
S32-7.06		AirLoc Wedgemount leveler up to take the load.	1	2	10MAR09	10MAR09	05FEB09	-23		0.00	824.60	-23				EM/TB =10hr ;
S32-7.07		Remove laser screens	0	2	11MAR09	10MAR09	05FEB09	-23		0.00	0.00	-23				EM/TB =00hr ;
S32-7.08		Install temp scaffolding to install flange hw	2	2	11MAR09	12MAR09	09FEB09	-23		0.00	6,596.80	-23				EM/TB =80hr ;
S32-7.09		Install bolts, alumina and inboard weld shims.	1	2	13MAR09	13MAR09	10FEB09	-23		0.00	3,298.40	-23				EM/TB =40hr ;
S32-7.1		Tighten flange fasteners to 50%	1	2	16MAR09	16MAR09	11FEB09	-23		0.00	1,649.20	-23				EM/TB =20hr ;
S32-7.11		"wiggle" test Tighten bolt and recheck.	1	2	16MAR09	16MAR09	11FEB09	-23		0.00	1,649.20	-23				EM/TB =20hr ;
S32-7.12		Perform metrology measurements	2	2	17MAR09	18MAR09	13FEB09	-23		0.00	0.00	-23				EM/TB =00hr ; ZMET =100 ;
S32-7.13		Perform position adjustments right side MCHP	2	2	19MAR09	20MAR09	17FEB09	-23		0.00	4,947.60	-23				EM/TB =60hr ;
S32-7.14		Remove SISSCO actuator from right MCHP.	0	2	23MAR09	20MAR09	17FEB09	-23		0.00	0.00	-23				EM/TB =00hr ;
S32-7.15		Pre-fit & Install bushings	5	2	17MAR09	23MAR09	18FEB09	-23		0.00	16,492.00	-23				EM/TB =200hr ;
S32-7.16		Tighten nuts 100% & Measure	1	2	24MAR09	24MAR09	19FEB09	-23		0.00	1,649.20	-23				EM/TB =20hr ;
S32-8.01		partially weld the inboard shim.	4	2	25MAR09	30MAR09	25FEB09	-23		0.00	24,738.00	-23				EM/TB =300hr ;
S32-8.02		Final complete MC scan verify period alignment.	2	2	31MAR09	01APR09	27FEB09	-23		0.00	0.00	-23				EM/TB =00hr ; ZMET =100 ;
S32-9.01		Attach VV permanent vertical supports	1	2	02APR09	02APR09	02MAR09	-23		0.00	3,298.40	-23				EM/TB =40hr ;
S32-9.02		Attach temporary VV vertical supports	1	2	03APR09	03APR09	03MAR09	-23		0.00	1,649.20	-23				EM/TB =20hr ;
S32-9.03		Transfer load to vertical supports.	1	2	06APR09	06APR09	04MAR09	-23		0.00	1,649.20	-23				EM/TB =20hr ;
S32-9.04		Install VV lateral supports and align	2	2	07APR09	08APR09	06MAR09	-23		0.00	6,596.80	-23				EM/TB =80hr ;
S32-9.05		Prepare VVSA for transport.	1	2	09APR09	09APR09	09MAR09	-23		0.00	3,298.40	-23				EM/TB =40hr ;
S32-10.01		transfer the unit to the transfer support frame	1	2	10APR09	10APR09	10MAR09	-23		0.00	6,596.80	-23				EM/TB =80hr ;
S32-10.02		Transfer Period 2 to Station 5 in NCSX TC	1	2	13APR09	13APR09	11MAR09	-23		0.00	3,298.40	-23				EM/TB =40hr ;
S32-10.02M	2	Complete 2nd MC-VV Assy (Sta 3)	0	2		13APR09	11MAR09	-23		0.00	0.00	-23				
<b>Station 3-Assemble Mod Coils and VVSA-FP#3</b>																
S33-1.01		Install Station 3 site monuments	2	2	14APR09	15APR09	13MAR09	-23		0.00	7,741.60	-23				41=02\$sk ; EM/TB =60hr ;
S33-1.02		Install floor mounted tracks and VV base support	2	2	16APR09	17APR09	17MAR09	-23		0.00	9,643.00	-23				41=01\$sk ; EM/TB =100hr ;
S33-1.03		Establish the MCHP CG location.	1	2	20APR09	20APR09	18MAR09	-23		0.00	3,298.40	-23				EM/TB =40hr ;
S33-2.01		Install MCHP support cart assemblies	2	2	21APR09	22APR09	20MAR09	-23		0.00	6,596.80	-23				EM/TB =80hr ;
S33-2.02		Verify cart motion.	1	2	23APR09	23APR09	23MAR09	-23		0.00	3,298.40	-23				EM/TB =40hr ;
S33-2.03		Install adjustor bar support weldment	0	2	24APR09	23APR09	23MAR09	-23		0.00	0.00	-23				EM/TB =00hr ;
S33-2.04		Position left MCHP on the cart assembly	1	2	24APR09	24APR09	24MAR09	-23		0.00	1,649.20	-23				EM/TB =20hr ;
S33-2.05		Secure left MCHP on support cart base.	1	2	27APR09	27APR09	25MAR09	-23		0.00	3,298.40	-23				EM/TB =40hr ;
S33-2.06		Measure monuments on left MCHP and walls	2	2	28APR09	29APR09	27MAR09	-23		0.00	0.00	-23				EM/TB =00hr ; ZMET =100 ;
S33-2.07		Set positioning stop on the cart	1	2	30APR09	30APR09	30MAR09	-23		0.00	1,649.20	-23				EM/TB =20hr ;
S33-3.01		Move right base support cart to its final positi	1	2	01MAY09	01MAY09	31MAR09	-23		0.00	824.60	-23				EM/TB =10hr ;
S33-3.02		Lift the right side MCHP and position	1	2	04MAY09	04MAY09	01APR09	-23		0.00	2,473.80	-23				EM/TB =30hr ;
S33-3.03		Temporary fasteners bring the parts together.	0	2	05MAY09	04MAY09	01APR09	-23		0.00	0.00	-23				EM/TB =00hr ;
S33-3.04		AirLoc Wedgemount leveler to take load.	0	2	05MAY09	04MAY09	01APR09	-23		0.00	0.00	-23				EM/TB =00hr ;
S33-3.05		Install temp scaffolding to install flange hw	1	2	05MAY09	05MAY09	02APR09	-23		0.00	1,649.20	-23				EM/TB =20hr ;
S33-3.06		Install bolts and shims	1	2	05MAY09	05MAY09	02APR09	-23		0.00	1,649.20	-23				EM/TB =20hr ;

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY						
													FY08	FY09	FY10	FY11			
S33-3.07		Tighten flange fasteners to 50%	1	2	06MAY09	06MAY09	03APR09	-23		0.00	1,649.20	-23							
S33-3.08		Perform metrology measurements	2	2	07MAY09	08MAY09	07APR09	-23		0.00	0.00	-23							
S33-3.09		Perform position adjust on right side MCHP	1	2	11MAY09	11MAY09	08APR09	-23		0.00	3,298.40	-23							
S33-3.1		Verify position of the VV support hanger	2	2	12MAY09	13MAY09	10APR09	-23		0.00	0.00	-23							
S33-3.11		Remove flange hardware and temp platforms	2	2	12MAY09	13MAY09	10APR09	-23		0.00	1,649.20	-23							
S33-4.01		EMeasure monuments on the MCHP's & walls.	1	2	14MAY09	14MAY09	13APR09	-23		0.00	2,794.00	-23							
S33-4.02		Place all of the laser screens	1	2	15MAY09	15MAY09	14APR09	-23		0.00	3,298.40	-23							
S33-4.03		Determine laser alignment.	1	2	18MAY09	18MAY09	15APR09	-23		0.00	1,649.20	-23							
S33-4.04		mount the milar on the screens.	0	2	19MAY09	18MAY09	15APR09	-23		0.00	0.00	-23							
S33-4.05		Disengage MCHP's to move the left MCHP.	1	2	19MAY09	19MAY09	16APR09	-23		0.00	1,649.20	-23							
S33-4.06		Remove both MCHP's.	1	2	20MAY09	20MAY09	17APR09	-23		0.00	3,298.40	-23							
S33-5.01		Remove the adjustor bar support from left side.	0	2	21MAY09	20MAY09	17APR09	-23		0.00	0.00	-23							
S33-5.02		Install VV NBI port support stand.	1	2	21MAY09	21MAY09	20APR09	-23		0.00	3,298.40	-23							
S33-5.03		Install VVSA to base support	1	2	22MAY09	22MAY09	21APR09	-23		0.00	1,649.20	-23							
S33-5.04		Secure the VVSA to base & NBI port sprt stand.	1	2	26MAY09	26MAY09	22APR09	-23		0.00	3,298.40	-23							
S33-6.01		Install bumper protection components on the VV	1	2	27MAY09	27MAY09	23APR09	-23		0.00	824.60	-23							
S33-6.02		Position AirLoc Wedgemount in lower position.	0	2	28MAY09	27MAY09	23APR09	-23		0.00	0.00	-23							
S33-6.03		move the left MCHP over the VV.	1	2	28MAY09	28MAY09	24APR09	-23		0.00	4,123.00	-23							
S33-6.04		Re-install the left adjustor bar.	0	2	29MAY09	28MAY09	24APR09	-23		0.00	0.00	-23							
S33-6.05		Make adjustments to properly align MCHP.	1	2	29MAY09	29MAY09	27APR09	-23		0.00	3,298.40	-23							
S33-6.06		Transfer load to the AirLoc Wedgemount leveler.	0	2	01JUN09	29MAY09	27APR09	-23		0.00	0.00	-23							
S33-6.07		move the MCHP to the left 1/2".	0	2	01JUN09	29MAY09	27APR09	-23		0.00	0.00	-23							
S33-7.01		Position AirLoc Wedgemount lowered position.	0	2	01JUN09	29MAY09	27APR09	-23		0.00	0.00	-23							
S33-7.02		move the right MCHP over the VV	1	2	01JUN09	01JUN09	28APR09	-23		0.00	3,298.40	-23							
S33-7.03		move the left MCHP to its final position.	1	2	01JUN09	01JUN09	28APR09	-23		0.00	824.60	-23							
S33-7.04		engage the preinstalled Type-A flange bushings.	1	2	02JUN09	02JUN09	29APR09	-23		0.00	824.60	-23							
S33-7.05		Temporary fasteners bring the parts together.	0	2	03JUN09	02JUN09	29APR09	-23		0.00	0.00	-23							
S33-7.06		AirLoc Wedgemount leveler up to take the load.	1	2	03JUN09	03JUN09	30APR09	-23		0.00	824.60	-23							
S33-7.07		Remove laser screens	0	2	04JUN09	03JUN09	30APR09	-23		0.00	0.00	-23							
S33-7.08		Install temp scaffolding to install flange hw	2	2	02JUN09	03JUN09	30APR09	-23		0.00	6,596.80	-23							
S33-7.09		Install bolts, alumina and inboard weld shims.	1	2	04JUN09	04JUN09	01MAY09	-23		0.00	3,298.40	-23							
S33-7.1		Tighten flange fasteners to 50%	1	2	05JUN09	05JUN09	04MAY09	-23		0.00	1,649.20	-23							
S33-7.11		"wiggle" test Tighten bolt and recheck.	1	2	08JUN09	08JUN09	05MAY09	-23		0.00	1,649.20	-23							
S33-7.12		Perform metrology measurements	2	2	09JUN09	10JUN09	07MAY09	-23		0.00	0.00	-23							
S33-7.13		Perform position adjustments right side MCHP	2	2	11JUN09	12JUN09	11MAY09	-23		0.00	4,947.60	-23							
S33-7.14		Remove SISCO actuator from right MCHP.	0	2	15JUN09	12JUN09	11MAY09	-23		0.00	0.00	-23							
S33-7.15		Pre-fit & Install bushing.	5	2	09JUN09	15JUN09	12MAY09	-23		0.00	16,492.00	-23							
S33-7.16		Tighten nuts 100% & Measure	1	2	16JUN09	16JUN09	13MAY09	-23		0.00	1,649.20	-23							
S33-8.01		partially weld the inboard shim.	7	2	17JUN09	25JUN09	22MAY09	-23		0.00	24,738.00	-23							
S33-8.02		Final complete MC scan verify period alignment.	3	2	26JUN09	30JUN09	28MAY09	-23		0.00	0.00	-23							
S33-9.01		Attach VV permanent vertical supports	1	2	01JUL09	01JUL09	29MAY09	-23		0.00	3,298.40	-23							
S33-9.02		Attach temporary VV vertical supports	1	2	02JUL09	02JUL09	01JUN09	-23		0.00	1,649.20	-23							

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY							
													FY08	FY09	FY10	FY11				
S33-9.03		Transfer load to vertical supports.	1	2	06JUL09	06JUL09	02JUN09	-23		0.00	1,649.20	-23								
S33-9.04		Install VV lateral supports and align	1	2	07JUL09	07JUL09	03JUN09	-23		0.00	6,596.80	-23						EM/TB =20hr ;		
S33-9.05		Prepare VVSA for transport.	1	2	08JUL09	08JUL09	04JUN09	-23		0.00	3,298.40	-23						EM/TB =80hr ;		
S33-10.01		transfer the unit to the transfer support frame	1	2	09JUL09	09JUL09	05JUN09	-23		0.00	6,596.80	-23						EM/TB =40hr ;		
S33-10.02		Transfer Period 3 to Station 5 in NCSX TC	1	2	10JUL09	10JUL09	08JUN09	-23		0.00	3,298.40	-23						EM/TB =80hr ;		
S33-10.02M	2	Complete 3rd MC-VV Assy (Sta 3)	0	2		10JUL09	08JUN09	-23		0.00	0.00	-23						EM/TB =40hr ;		
<b>Job: 1815 - Field Period Assy -Station 5-VIOLA</b>																				
<b>Setup/Preparations/General</b>																				
R1810-5101		MTM NCR hardware re-purchase	25	1	01JUL08*	05AUG08	05AUG08	42		0.00	54,936.00	0						41=42\$K ;		
R1810-5102		Monuments,reflectors,CCR's	10	1	01JUL08*	15JUL08	15JUL08	47		0.00	67,689.00	0						41=51.75\$K ;		
R1810-5103		metrology network in NCSX TC	10	1	16JUL08	29JUL08	29JUL08	47		0.00	21,973.60	0						EM/TB =160hr ; 41=07\$K ;		
R1810-5104		Misc for tooling	10	1	25AUG08*	08SEP08	08SEP08	42		0.00	0.00	0								
R1810-5112		Weld wire & welding supplies	25	1	01JUL08*	05AUG08	05AUG08	42		0.00	19,620.00	0						41=15\$K ;		
R1810-5106		Testout Sta 5 equipt & procedures	5	1	06AUG08	12AUG08	12AUG08	42		0.00	12,817.60	0						EM/TB =160hr ;		
R1810-5107		Check 3 sled interfaces adjust holes	12	1	13AUG08	28AUG08	28AUG08	42		0.00	30,762.24	0						EM/TB =384hr ;		
R1810-5108		Fixtures installed-final metrology	6	1	29AUG08	08SEP08	08SEP08	42		0.00	15,381.12	0						EM/TB =192hr ;		
<b>Station 5- Final FP Assy -FP#1 (in NCSX TC)</b>																				
R1810-5109		Begin Station 5 Operations	0	1		03DEC08	29OCT08	-18		0.00	0.00	-23								
S51-1.01		cut off short dome	2	1	04DEC08	05DEC08	31OCT08	-18		0.00	3,298.40	-23						EM/TB =40hr ;		
S51-1.02		Install insulation system around all ports.	0	1	08DEC08	05DEC08	31OCT08	-18		0.00	0.00	-23						EM/TB =00hr ;		
S51-1.03		Install heat tape and theomocouples on all ports	0	1	08DEC08	05DEC08	31OCT08	-18		0.00	0.00	-23						EM/TB =00hr ;		
S51-2.01		Install period support fixture	2	1	08DEC08	09DEC08	04NOV08	-18		0.00	3,298.40	-23						EM/TB =40hr ;		
S51-2.02		Install FPA on support stand.	2	1	10DEC08	11DEC08	06NOV08	-18		0.00	3,298.40	-23						EM/TB =40hr ;		
S51-2.03		Install external working platforms	4	1	12DEC08	17DEC08	12NOV08	-18		0.00	6,596.80	-23						EM/TB =80hr ;		
S51-2.04		Install internal VV working platforms	3	1	18DEC08	22DEC08	17NOV08	-18		0.00	4,947.60	-23						EM/TB =60hr ;		
S51-3.01		Install the domes (left and right side),	2	1	23DEC08	02JAN09	19NOV08	-18		0.00	3,298.40	-23						EM/TB =40hr ;		
S51-3.02		Install small dome ports remaining circ ports.	30	1	05JAN09	13FEB09	13JAN09	-18		0.00	49,476.00	-23						EM/TB =600hr ;		
S51-3.03		Leak check each port after it is welded.	30	1	26JAN09	06MAR09	03FEB09	-18		0.00	49,476.00	-23						EM/TB =600hr ;		
S51-4.01		Install boots on ports except for the two port	16	1	25FEB09	18MAR09	13FEB09	-18		0.00	26,387.20	-23						EM/TB =320hr ;		
S51-5.01		Install MC lead connections to MC's (in job 7503	0	1	19MAR09	18MAR09	13FEB09	-18		0.00	0.00	-23								
S51-5.02		Install MC coolant lines on each MC	6	2	19MAR09	26MAR09	23FEB09	-18		0.00	19,790.40	-23						EM/TB =240hr ;		
S51-5.03		Platforms may need to be altered	2	2	27MAR09	30MAR09	25FEB09	-18		0.00	4,947.60	-23						EM/TB =60hr ;		
S51-6.01		Rotate 2 TF coils over the MC on the right side	1	2	31MAR09	31MAR09	26FEB09	-18		0.00	3,298.40	-23						EM/TB =40hr ;		
S51-6.02		Attach the temp support at end of Type-C MC	1	2	01APR09	01APR09	27FEB09	-18		0.00	1,649.20	-23						EM/TB =20hr ;		
S51-6.03		Lower leveler pad disengage base of MC right sid	0	2	02APR09	01APR09	27FEB09	-18		0.00	0.00	-23						EM/TB =00hr ;		
S51-6.04		Install TF support brackets	1	2	02APR09	02APR09	02MAR09	-18		0.00	3,298.40	-23						EM/TB =40hr ;		
S51-6.05		Secure First TF assy	1	2	03APR09	03APR09	03MAR09	-18		0.00	1,649.20	-23						EM/TB =20hr ;		
S51-6.06		Install TF support brackets	1	2	06APR09	06APR09	04MAR09	-18		0.00	3,298.40	-23						EM/TB =40hr ;		
S51-6.07		Secure 2nd TF coil	1	2	07APR09	07APR09	05MAR09	-18		0.00	1,649.20	-23						EM/TB =20hr ;		
S51-6.08		Install machine support plates	1	2	08APR09	08APR09	06MAR09	-18		0.00	4,947.60	-23						EM/TB =60hr ;		
S51-6.09		Reinstall leveler pad	0	2	09APR09	08APR09	06MAR09	-18		0.00	0.00	-23						EM/TB =00hr ;		

Activity ID	LESTO	Activity Description	Duration (work days)	SHIFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY					
													FY08	FY09	FY10	FY11		
S51-6.1		Installed one side of the TF support brackets	1	2	09APR09	09APR09	09MAR09	-18		0.00	1,649.20	-23						
S51-7.01		The TF installation on the left side	7	2	10APR09	20APR09	18MAR09	-18		0.00	21,439.60	-23						
S51-8.01		Perform a fit-up check of the four TF coils	2	2	21APR09	22APR09	20MAR09	-18		0.00	8,246.00	-23						
S51-9.01		Tack weld the left and right port 4's.	1	2	23APR09	23APR09	23MAR09	-18		0.00	3,298.40	-23						
S51-9.02		Install boots on both port 4's.	2	2	24APR09	27APR09	25MAR09	-18		0.00	6,596.80	-23						
S51-10.01		Install PF coil support structure	4	2	28APR09	01MAY09	31MAR09	-18		0.00	13,193.60	-23						
S51-11.01		Install tMC coolant manifold	2	2	04MAY09	05MAY09	02APR09	-18		0.00	4,947.60	-23						
S51-11.02		Connect MC coolant lines to the manifold	10	2	06MAY09	19MAY09	16APR09	-18		0.00	32,984.00	-23						
S51-12.01		Install Rogowski coils	3	2	20MAY09	22MAY09	21APR09	-18		0.00	8,246.00	-23						
S51-13.01		Obtain set of Period 1 align fiducial positions	2	2	26MAY09	27MAY09	23APR09	-18		0.00	0.00	-23						
S51-13.02		align to tooling balls on each MCHP	1	2	28MAY09	28MAY09	24APR09	-18		0.00	0.00	-23						
S51-13.03		bring the VV into proper alignment	2	2	29MAY09	01JUN09	28APR09	-18		0.00	6,596.80	-23						
S51-13.04		Install or identify three primary fiducials	1	2	02JUN09	02JUN09	29APR09	-18		0.00	3,298.40	-23						
S51-13.05		Make a final measurement of all fiducials	2	2	03JUN09	04JUN09	01MAY09	-18		0.00	0.00	-23						
S51-13.11		Check Assembly (bolts, etc)	3	2	05JUN09	09JUN09	06MAY09	-18		0.00	8,246.00	-23						
S51-13.12		Check Diagnostics (Loops, thermocouples)	2	2	10JUN09	11JUN09	08MAY09	-18		0.00	8,246.00	-23						
S51-13.13		Check manifolds (pressure, flow, etc.)	3	2	12JUN09	16JUN09	13MAY09	-18		0.00	8,246.00	-23						
S51-13.14		Check 6 modcoils (voltage etc)	3	2	17JUN09	19JUN09	18MAY09	-18		0.00	9,895.20	-23						
S51-13.15		Check trim coils (voltage etc)	2	2	22JUN09	23JUN09	20MAY09	-18		0.00	4,947.60	-23						
S51-13.16		Check TF coils (voltage etc)	3	2	24JUN09	26JUN09	26MAY09	-18		0.00	9,895.20	-23						
S51-14.01		Install crane rigging to completed Period assy	1	2	29JUN09	29JUN09	27MAY09	-18		0.00	3,298.40	-23						
S51-14.02		Remove platforms	1	2	30JUN09	30JUN09	28MAY09	-18		0.00	1,649.20	-23						
S51-14.03		Transfer Period 1 to Station 6 in NCSX tTC.	1	2	01JUL09	01JUL09	29MAY09	-18		0.00	3,298.40	-23						
S51-14.03M	2	Complete 1st Field Period Assy (Sat. 5)	0	2		01JUL09	29MAY09	-18		0.00	0.00	-23						
<b>Station 5- Final FP Assy -FP#2 (in NCSX TC)</b>																		
S52-1.01		cut off short dome	2	1	14APR09	15APR09	13MAR09	-14		0.00	3,298.40	-23						
S52-1.02		Install insulation system around all ports.	0	1	16APR09	15APR09	13MAR09	-14		0.00	0.00	-23						
S52-1.03		Install heat tape and thermocouples on all ports	0	1	16APR09	15APR09	13MAR09	-14		0.00	0.00	-23						
S52-2.01		Install period support fixture	2	1	16APR09	17APR09	17MAR09	-14		0.00	3,298.40	-23						
S52-2.02		Install FPA on support stand.	2	1	20APR09	21APR09	19MAR09	-14		0.00	3,298.40	-23						
S52-2.03		Install external working platforms	4	1	22APR09	27APR09	25MAR09	-14		0.00	6,596.80	-23						
S52-2.04		Install internal VV working platforms	3	1	28APR09	30APR09	30MAR09	-14		0.00	4,947.60	-23						
S52-3.01		Install the domes (left and right side),	2	1	01MAY09	04MAY09	01APR09	-14		0.00	3,298.40	-23						
S52-3.02		Install small dome ports remaining circ ports.	30	1	05MAY09	16JUN09	13MAY09	-14		0.00	49,476.00	-23						
S52-3.03		Leak check each port after it is welded.	30	1	27MAY09	08JUL09	04JUN09	-14		0.00	49,476.00	-23						
S52-4.01		Install boots on ports except for the two port	16	1	26JUN09	20JUL09	16JUN09	-14		0.00	26,387.20	-23						
S52-5.01		Install MC lead connections on each of the MC's	1	2	21JUL09	21JUL09	17JUN09	-14		0.00	0.00	-23						
S52-5.02		Install MC coolant lines on each MC	6	2	22JUL09	29JUL09	25JUN09	-14		0.00	19,790.40	-23						
S52-5.03		Platforms may need to be altered	1	2	30JUL09	30JUL09	26JUN09	-14		0.00	4,947.60	-23						
S52-6.01		Rotate 2 TF coils over the MC on the right side	1	2	31JUL09	31JUL09	29JUN09	-14		0.00	3,298.40	-23						
S52-6.02		Attach the temp support at end of Type-C MC	1	2	03AUG09	03AUG09	30JUN09	-14		0.00	1,649.20	-23						

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY			
													FY08	FY09	FY10	FY11
S52-6.03		Lower leveler pad disengage base of MC right sid	0	2	04AUG09	03AUG09	30JUN09	-14		0.00	0.00	-23				
S52-6.04		Install TF support brackets	1	2	04AUG09	04AUG09	01JUL09	-14		0.00	3,298.40	-23				EM//TB =40hr ;
S52-6.05		Secure First TF assy	1	2	05AUG09	05AUG09	02JUL09	-14		0.00	1,649.20	-23				EM//TB =20hr ;
S52-6.06		Install TF support brackets	1	2	06AUG09	06AUG09	06JUL09	-14		0.00	3,298.40	-23				EM//TB =40hr ;
S52-6.07		Secure 2nd TF coil	1	2	07AUG09	07AUG09	07JUL09	-14		0.00	1,649.20	-23				EM//TB =20hr ;
S52-6.08		Install machine support plates	2	2	10AUG09	11AUG09	09JUL09	-14		0.00	4,947.60	-23				EM//TB =60hr ;
S52-6.09		Reinstall leveler pad	0	2	12AUG09	11AUG09	09JUL09	-14		0.00	0.00	-23				EM//TB =00hr ;
S52-6.1		Installed one side of the TF support brackets	1	2	12AUG09	12AUG09	10JUL09	-14		0.00	1,649.20	-23				EM//TB =20hr ;
S52-7.01		The TF installation on the left side	6	2	13AUG09	20AUG09	20JUL09	-14		0.00	21,439.60	-23				EM//TB =260hr ;
S52-8.01		Perform a fit-up check of the four TF coils	3	2	21AUG09	25AUG09	23JUL09	-14		0.00	8,246.00	-23				EM//TB =100hr ;
S52-9.01		Tack weld the left and right port 4's.	1	2	26AUG09	26AUG09	24JUL09	-14		0.00	3,298.40	-23				EM//TB =40hr ;
S52-9.02		Install boots on both port 4's.	2	2	27AUG09	28AUG09	28JUL09	-14		0.00	6,596.80	-23				EM//TB =80hr ;
S52-10.01		Install PF coil support structure	4	2	31AUG09	03SEP09	03AUG09	-14		0.00	13,193.60	-23				EM//TB =160hr ;
S52-11.01		Install tMC coolant manifold	2	2	04SEP09	08SEP09	05AUG09	-14		0.00	4,947.60	-23				EM//TB =60hr ;
S52-11.02		Connect MC coolant lines to the manifold	10	2	09SEP09	22SEP09	19AUG09	-14		0.00	32,984.00	-23				EM//TB =400hr ;
S52-12.01		Install Rogowski coils	3	2	23SEP09	25SEP09	24AUG09	-14		0.00	8,246.00	-23				EM//TB =100hr ;
S21-9.01		Install trim coil and supports	3	2	28SEP09	30SEP09	27AUG09	-14		0.00	9,895.20	-23				EM//TB =120hr ;
S52-13.01		Obtain set of Period 1 align fiducial positions	2	2	01OCT09	02OCT09	31AUG09	-14		0.00	0.00	-23				EM//TB =00hr ; ZMET =100 ;
S52-13.02		align to tooling balls on each MCHP	1	2	05OCT09	05OCT09	01SEP09	-14		0.00	0.00	-23				EM//TB =00hr ; ZMET =20 ;
S52-13.03		bring the VV into proper alignment	2	2	06OCT09	07OCT09	03SEP09	-14		0.00	6,820.80	-23				EM//TB =80hr ;
S52-13.04		Install or identify three primary fiducials	1	2	08OCT09	08OCT09	04SEP09	-14		0.00	3,410.40	-23				EM//TB =40hr ;
S52-13.05		Make a final measurement of all fiducials	2	2	09OCT09	12OCT09	09SEP09	-14		0.00	0.00	-23				EM//TB =00hr ; ZMET =100 ;
S52-13.11		Check Assembly (bolts, etc)	3	2	13OCT09	15OCT09	14SEP09	-14		0.00	8,526.00	-23				EM//TB =100hr ;
S52-13.12		Check Diagnostics (Loops, thermocouples)	2	2	16OCT09	19OCT09	16SEP09	-14		0.00	8,526.00	-23				EM//TB =100hr ;
S52-13.13		Check manifolds (pressure, flow, etc.)	3	2	20OCT09	22OCT09	21SEP09	-14		0.00	8,526.00	-23				EM//TB =100hr ;
S52-13.14		Check 6 modcoils (voltage etc)	3	2	23OCT09	27OCT09	24SEP09	-14		0.00	10,231.20	-23				EM//TB =120hr ;
S52-13.15		Check trim coils (voltage etc)	2	2	28OCT09	29OCT09	28SEP09	-14		0.00	5,115.60	-23				EM//TB =60hr ;
S52-13.16		Check TF coils (voltage etc)	2	2	30OCT09	02NOV09	30SEP09	-14		0.00	10,231.20	-23				EM//TB =120hr ;
S52-14.01		Install crane rigging to completed Period assy	1	2	03NOV09	03NOV09	01OCT09	-14		0.00	3,410.40	-23				EM//TB =40hr ;
S52-14.02		Remove platforms	1	2	04NOV09	04NOV09	02OCT09	-14		0.00	1,705.20	-23				EM//TB =20hr ;
S52-14.03		Transfer Period 2 to Station 6 in NCSX tTC.	1	2	05NOV09	05NOV09	05OCT09	-14		0.00	3,410.40	-23				EM//TB =40hr ;
S52-14.03M	2	Complete 2nd Field Period Assy. (Sta.5)	0	2		05NOV09	05OCT09	-14		0.00	0.00	-23				
Station 5- Final FP Assy -FP#3 (in NCSX TC)																
S53-1.01		cut off short dome	1	2	13JUL09	13JUL09	09JUN09	-23		0.00	3,298.40	-23				EM//TB =40hr ;
S53-1.02		Install insulation system around all ports.	0	2	14JUL09	13JUL09	09JUN09	-23		0.00	0.00	-23				EM//TB =00hr ;
S53-1.03		Install heat tape and theomocouples on all ports	0	2	14JUL09	13JUL09	09JUN09	-23		0.00	0.00	-23				EM//TB =00hr ;
S53-2.01		Install period support fixture	1	2	14JUL09	14JUL09	10JUN09	-23		0.00	3,298.40	-23				EM//TB =40hr ;
S53-2.02		Install FPA on support stand.	1	2	15JUL09	15JUL09	11JUN09	-23		0.00	3,298.40	-23				EM//TB =40hr ;
S53-2.03		Install external working platforms	2	2	16JUL09	17JUL09	15JUN09	-23		0.00	6,596.80	-23				EM//TB =80hr ;
S53-2.04		Install internal VV working platforms	2	2	20JUL09	21JUL09	17JUN09	-23		0.00	4,947.60	-23				EM//TB =60hr ;
S53-3.01		Install the domes (left and right side),	1	2	22JUL09	22JUL09	18JUN09	-23		0.00	3,298.40	-23				EM//TB =40hr ;

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY							
													FY08	FY09	FY10	FY11				
S53-3.02		Install small dome ports remaining circ ports.	15	2	23JUL09	12AUG09	10JUL09	-23		0.00	49,476.00	-23								EM//TB =600hr ;
S53-3.03		Leak check each port after it is welded.	15	2	03AUG09	21AUG09	21JUL09	-23		0.00	49,476.00	-23								EM//TB =600hr ;
S53-4.01		Install boots on ports except for the two port	8	2	18AUG09	27AUG09	27JUL09	-23		0.00	26,387.20	-23								EM//TB =320hr ;
S53-5.01		Install MC lead connections on each of the MC's	1	2	28AUG09	28AUG09	28JUL09	-23		0.00	0.00	-23								EM//TB =00hr ;
S53-5.02		Install MC coolant lines on each MC	6	2	31AUG09	08SEP09	05AUG09	-23		0.00	19,790.40	-23								EM//TB =240hr ;
S53-5.03		Platforms may need to be altered	2	2	09SEP09	10SEP09	07AUG09	-23		0.00	4,947.60	-23								EM//TB =60hr ;
S53-6.01		Rotate 2 TF coils over the MC on the right side	1	2	11SEP09	11SEP09	10AUG09	-23		0.00	3,298.40	-23								EM//TB =40hr ;
S53-6.02		Attach the temp support at end of Type-C MC	1	2	14SEP09	14SEP09	11AUG09	-23		0.00	1,649.20	-23								EM//TB =20hr ;
S53-6.03		Lower leveler pad disengage base of MC right sid	0	2	15SEP09	14SEP09	11AUG09	-23		0.00	0.00	-23								EM//TB =00hr ;
S53-6.04		Install TF support brackets	1	2	15SEP09	15SEP09	12AUG09	-23		0.00	3,298.40	-23								EM//TB =40hr ;
S53-6.05		Secure First TF assy	1	2	16SEP09	16SEP09	13AUG09	-23		0.00	1,649.20	-23								EM//TB =20hr ;
S53-6.06		Install TF support brackets	1	2	17SEP09	17SEP09	14AUG09	-23		0.00	3,298.40	-23								EM//TB =40hr ;
S53-6.07		Secure 2nd TF coil	1	2	18SEP09	18SEP09	17AUG09	-23		0.00	1,649.20	-23								EM//TB =20hr ;
S53-6.08		Install machine support plates	1	2	21SEP09	21SEP09	18AUG09	-23		0.00	4,947.60	-23								EM//TB =60hr ;
S53-6.09		Reinstall leveler pad	0	2	22SEP09	21SEP09	18AUG09	-23		0.00	0.00	-23								EM//TB =00hr ;
S53-6.1		Installed one side of the TF support brackets	1	2	22SEP09	22SEP09	19AUG09	-23		0.00	1,649.20	-23								EM//TB =20hr ;
S53-7.01		The TF installation on the left side	6	2	23SEP09	30SEP09	27AUG09	-23		0.00	21,439.60	-23								EM//TB =260hr ;
S53-8.01		Perform a fit-up check of the four TF coils	3	2	01OCT09	05OCT09	01SEP09	-23		0.00	8,526.00	-23								EM//TB =100hr ;
S53-9.01		Tack weld the left and right port 4's.	1	2	06OCT09	06OCT09	02SEP09	-23		0.00	3,410.40	-23								EM//TB =40hr ;
S53-9.02		Install boots on both port 4's.	2	2	07OCT09	08OCT09	04SEP09	-23		0.00	6,820.80	-23								EM//TB =80hr ;
S53-10.01		Install PF coil support structure	4	2	09OCT09	14OCT09	11SEP09	-23		0.00	13,641.60	-23								EM//TB =160hr ;
S53-11.01		Install tMC coolant manifold	2	2	15OCT09	16OCT09	15SEP09	-23		0.00	5,115.60	-23								EM//TB =60hr ;
S53-11.02		Connect MC coolant lines to the manifold	10	2	19OCT09	30OCT09	29SEP09	-23		0.00	34,104.00	-23								EM//TB =400hr ;
S53-12.01		Install Rogowski coils	3	2	02NOV09	04NOV09	02OCT09	-23		0.00	8,526.00	-23								EM//TB =100hr ;
S22-9.01		Install trim coil	3	2	05NOV09	09NOV09	07OCT09	-23		0.00	10,231.20	-23								EM//TB =120hr ;
S53-13.01		Obtain set of Period 1 align fiducial positions	2	2	10NOV09	11NOV09	09OCT09	-23		0.00	0.00	-23								EM//TB =00hr ; ZMET =100 ;
S53-13.02		align to tooling balls on each MCHP	1	2	12NOV09	12NOV09	12OCT09	-23		0.00	0.00	-23								EM//TB =00hr ; ZMET =20 ;
S53-13.03		bring the VV into proper alignment	2	2	13NOV09	16NOV09	14OCT09	-23		0.00	6,820.80	-23								EM//TB =80hr ;
S53-13.04		Install or identify three primary fiducials	1	2	17NOV09	17NOV09	15OCT09	-23		0.00	3,410.40	-23								EM//TB =40hr ;
S53-13.05		Make a final measurement of all fiducials	3	2	18NOV09	20NOV09	20OCT09	-23		0.00	0.00	-23								EM//TB =00hr ; ZMET =100 ;
S53-13.11		Check Assembly (bolts, etc)	2	2	23NOV09	24NOV09	22OCT09	-23		0.00	8,526.00	-23								EM//TB =100hr ;
S53-13.12		Check Diagnostics (Loops, thermocouples)	3	2	25NOV09	01DEC09	27OCT09	-23		0.00	8,526.00	-23								EM//TB =100hr ;
S53-13.13		Check manifolds (pressure, flow, etc.)	2	2	02DEC09	03DEC09	29OCT09	-23		0.00	8,526.00	-23								EM//TB =100hr ;
S53-13.14		Check 6 modcoils (voltage etc)	3	2	04DEC09	08DEC09	03NOV09	-23		0.00	10,231.20	-23								EM//TB =120hr ;
S53-13.15		Check trim coils (voltage etc)	2	2	09DEC09	10DEC09	05NOV09	-23		0.00	5,115.60	-23								EM//TB =60hr ;
S53-13.16		Check TF coils (voltage etc)	3	2	11DEC09	15DEC09	10NOV09	-23		0.00	10,231.20	-23								EM//TB =120hr ;
S53-14.01		Install crane rigging to completed Period assy	1	2	16DEC09	16DEC09	11NOV09	-23		0.00	3,410.40	-23								EM//TB =40hr ;
S53-14.02		Remove platforms	1	2	17DEC09	17DEC09	12NOV09	-23		0.00	1,705.20	-23								EM//TB =20hr ;
S53-14.03		Transfer Period 3 to Station 6 in NCSX tTC.	1	2	18DEC09	18DEC09	13NOV09	-23		0.00	3,410.40	-23								EM//TB =40hr ;
R1810-5333		Last field period assembled	0	2		18DEC09	13NOV09	-23		0.00	0.00	-23								



Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY							
													FY08	FY09	FY10	FY11				
<b>19 - Stellarator Core Management and Integration</b>																				
<b>Job: 1901 - Stellarator Core Mngt&amp;Integr-COLE</b>																				
<b>191 - Stellarator Core Management &amp; Oversight</b>																				
1901-07		WBS 191 FY07	LOE	106*	1	01MAY07A	28SEP07	28SEP07	1,249	LOE	63,529.34	77,380.44	0							
1901-08		WBS 191 FY08	LOE	249*	1	01OCT07*	29SEP08	29SEP08	1,000	LOE	0.00	208,453.58	0							
1901-09		WBS 191 FY09	LOE	247*	1	01OCT08*	28SEP09	28SEP09	752	LOE	0.00	221,094.09	0							
1901-10		WBS 191 FY10	SA LOE	248*	1	01OCT09*	30SEP10	30SEP10	502	LOE	0.00	229,029.48	0							
1901-11		WBS 191 FY10	LOE	79*	1	01OCT10*	31JAN11	31JAN11	423	LOE	0.00	95,379.48	0							
<b>192 - Stellarator Core Integration &amp; Analysis</b>																				
1902-07		WBS 192 FY07		106*	1	01MAY07A	28SEP07	28SEP07	1,249	LOE	69,112.33	84,180.68	0							
1902-08		WBS 192 FY08		249*	1	01OCT07*	29SEP08	29SEP08	1,000	LOE	0.00	199,924.56	0							
1902-09		WBS 192 FY09		247*	1	01OCT08*	28SEP09	28SEP09	752	LOE	0.00	210,949.08	0							
1902-10		WBS 192 FY10		248*	1	01OCT09*	30SEP10	30SEP10	502	LOE	0.00	219,015.60	0							
1902-11		WBS 192 FY10		79*	1	01OCT10*	31JAN11	31JAN11	423	LOE	0.00	74,333.10	0							
<b>21 - Fueling Systems</b>																				
<b>Job: 2101 - Fueling Systems-BLANCHARD</b>																				
211-101		Preliminary Design		20		01SEP09*	29SEP09	29SEP09	55		0.00	12,552.88	0							
211-105		Gas Fueling - PDR		1	R	30SEP09	30SEP09	30SEP09	55		0.00	0.00	0							
211-109		Final Design		20		01OCT09	28OCT09	28OCT09	55		0.00	21,133.36	0							
211-113		Gas Fueling - FDR		1	R	29OCT09	29OCT09	29OCT09	55		0.00	0.00	0							
211-117		Title III		85		30OCT09	11MAR10	11MAR10	644	LOE	0.00	2,738.08	0							
211-121		Procure Material and Supplies		65		30OCT09	11FEB10	11FEB10	55		0.00	7,160.00	0							
211-125		Fabricate/Install/Test		40		01JUN10	27JUL10	23JUN10	-21		0.00	24,898.28	-23							
<b>22 - Torus Vacuum Pumping Systems</b>																				
<b>Job: 2201 - Vacuum Pumping Systems-BLANCHARD</b>																				
220-101		Preliminary Design		30		02JAN09*	12FEB09	12FEB09	190		0.00	30,783.52	0							
220-105		Torus Vacuum Pumping - PDR		1	R	13FEB09	13FEB09	13FEB09	190		0.00	0.00	0							
220-109		Final Design		35		16FEB09	03APR09	03APR09	190		0.00	39,214.80	0							
220-113		Torus Vacuum Pumping - FDR		1	R	06APR09	06APR09	06APR09	190		0.00	0.00	0							
220-117		Procure/Install AC pwr & Instrumentation		95		01DEC09*	22APR10	22APR10	25		0.00	53,724.64	0							
220-133		Procure/Install VPS mechanical		115		30OCT09	22APR10	22APR10	25		0.00	45,270.28	0							
220-137		Test		20		23APR10*	20MAY10	20MAY10	25		0.00	3,002.12	0							

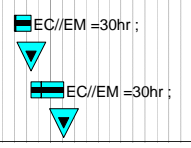
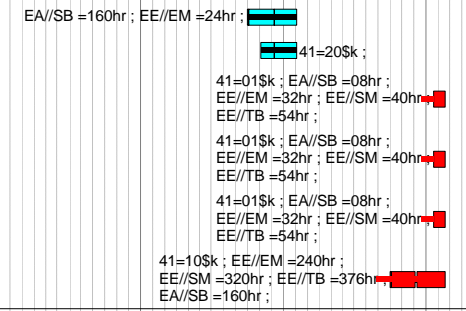
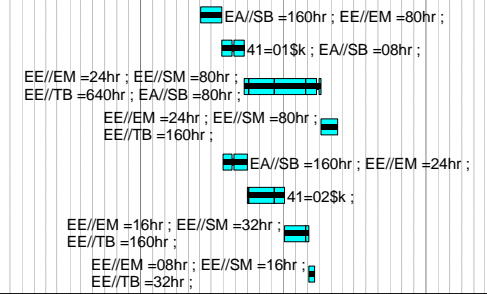
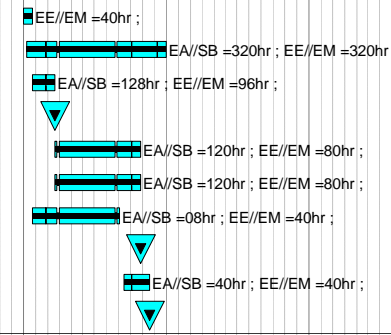
Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY			
													FY08	FY09	FY10	FY11
<b>31 - Magnetic Diagnostics</b>																
<b>Job: 3101 - Magnetic Diagnostics-STRATTON</b>																
<b>Modular Coil C-wound Loops</b>																
3101-229		Fabricate(12) MC Protective boxes (completed)	43		01MAY07A	01MAY07A	01MAY07A			0.00	0.00	0				
<b>Rogowski Coils</b>																
3101-316		CONCEP DESIGN ROWGOWSKI COIL	30		01MAY07A	12JUN07A	12JUN07		100	9,049.20	9,049.20	0				
3101-317		PRELIM DESIGN ROWGOWSKI COIL incl prototype	30		13JUN07A	25JUL07A	25JUL07		100	16,670.28	16,670.28	0		em/em=80;em/sm=242;em/tb=20;41=0.1k		
3101-318		ROWGOWSKI COIL - PDR	0	R		29JUN07A	25JUL07*		100	0.00	0.00	17				
3101-325		FINAL DESIGN ROWGOSKI COIL	7*			09AUG07A	06SEP07		100	21,435.88	21,435.88	19		EM/EM =126hr ;em/sm=16;ea/sb=4		
3101-340		subcontract winding 3 mandrels*DELETED TASK	0*		04SEP07*	31AUG07	06SEP07	1,268		0.00	0.00	3				
3101-326	3	ROWGOSKI COIL - FDR	0	R		09AUG07A	06SEP07			0.00	0.00	19				
3101-329		FAB ROWGOWSKI COILS incl clamps	38*		28NOV07*	31JAN08	08NOV07	277		0.00	41,918.79	-51		41=4.5\$K ; EM/EM =15hr ; EM/SM =32hr ; EM/TB =122hr ;41=\$15k		
3101-330		Title III	115*		10AUG07A	31JAN08	08NOV07	277	LOE	1,315.68	9,465.34	-51		EM/EM =60		
<b>TF and PF Co-wound Loops</b>																
3101-425		Design Protective boxes for PF	20		17DEC07*	22JAN08	26OCT07	189		0.00	24,881.50	-53		EA/SB =60hr ; EM/EM =110hr ;		
3101-426		Purchase SS Sheet	15		23JAN08	12FEB08	16NOV07	189		0.00	1,218.07	-53		EM/TB =1; 41=0.87k		
3101-452		Form Protective boxes	20		13FEB08	11MAR08	18DEC07	189		0.00	13,475.22	-53		em/sm=102		
3101-454		Weld end plates of PF protective boxes	10		12MAR08	25MAR08	10JAN08	189		0.00	1,441.98	-53		em/tb=18		
3101-427		Purchase Heat Shrink tubing	15		23JAN08	12FEB08	24SEP07	234		0.00	3,096.66	-92		EM/TB =6; 41=2.0k		
3101-428		Purchase aad'l CoAxial cable	40		23JAN08	18MAR08	29OCT07	194		0.00	6,046.22	-92		EM/TB =2hr ; 41=4.5\$K ;		
3101-450		Prototype PF Loops	10		19MAR08*	01APR08	12NOV07	209		0.00	1,585.32	-92		em/sm=12		
3101-458		FabTF,PF & solenoid co-wound loops	186*		02JUL07A		18JAN08	30		4,832.88	16,109.60	-52		em/sm=130		
3101-456		Title III	70		23JAN08	29APR08	14FEB08	189	LOE	0.00	5,788.44	-53		em/em=36		
<b>T/C and Heater Tape Leads</b>																
1204-140		Design T/C and Heater Tape Leads	44*		30JUL07A	28SEP07	28AUG07	114	90	22,532.51	25,036.12	-22		EM/EM =166		
1204-140.2		Design Drafting T/C and Heater Tape Leads	44*		30JUL07A	28SEP07	28AUG07	114	0	674.76	3,373.80	-22		ea/sb=30		
1204-140.1		Peer Review T/C and Heater Tape Leads DELETED**	0		04SEP07	31AUG07	14AUG07	1,268		0.00	0.00	-13				
1204-141		Drawings Signed T/C and Heater Tape Leads	0			28SEP07	28AUG07	114		0.00	0.00	-22				
1204-146		Procurement support T/C and Heater Tape Leads	20			31JUL07A	26SEP07		100	6,032.80	6,032.80	40		EM/EM =40		
1204-147		Field/Fab support (title III) T/C&Heater Tape	65		01OCT07	10JAN08	08JAN08	114	LOE	0.00	4,019.75	-2		EM/EM =25		
1204-148		Machine 12 2.75 cf blanks	20			31JUL07A	26SEP07		100	4,461.12	4,461.12	40		em/sm=36		
1204-150		Rubber seal	20		01OCT07	26OCT07	26SEP07	159		0.00	0.00	-22				
1204-151		Machine 6 commercial aluminum boxes	20		01OCT07	26OCT07	26SEP07	159	17	783.45	4,608.54	-22		em/sm=36		
<b>Flux loop junction boxes and spacer templates</b>																
1204-160		Design Protective Boxes	10		01MAY07A	14MAY07A	14MAY07		100	3,318.04	3,318.04	0				
1204-165		Issue req,Bid & Award- Flux Loop Junction Boxes	25		15MAY07A	19JUN07A	19JUN07		100	0.00	0.00	0				
1204-170		Autocad dwgs of field runs/tag#/ports assignmt	10		01JUN07A	29JUN07A	14AUG07		100	16,891.84	16,891.84	31		EM/em=112		
1204-161		Fab Protective Boxes	10		01JUN07A	29JUN07A	22AUG07		100	5,623.76	5,623.76	37		EM/SM=36; 41=0.44k; em/tb=8		
1204-171		Prep Dwgs of spacer loops	10		12NOV07*	23NOV07	14AUG07	521		0.00	7,194.60	-72		ea/sb=60		
1204-172		Title III	96*		15MAY07A	28SEP07	28SEP07	1,249	LOE	14,514.92	18,098.40	0		EM/em=120		

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY				
													FY08	FY09	FY10	FY11	
1204-173		Purchase material for boxes&spacers (in job 1204	35		20JUN07A	29JUN07A	08AUG07		100	6,111.88	6,111.88	27	em=32;em/em=4;em/tb=4				
<b>Voltage Loops &amp; Protective Boxes</b>																	
3101-800		Design Routing and Boxes	62*		01AUG07A	26OCT07	26OCT07	1,209	50	4,691.46	9,382.92	0	em//em=46;ea/sb=20				
3101-802		Fab 3 protective Boxes (Use Existing Box)	10		29OCT07	09NOV07	09NOV07	1,219		0.00	1,118.28	0	41=0.12k; em//tb=12				
3101-804		Purchase 900ft cable	20		29OCT07*	23NOV07	23NOV07	1,209		0.00	2,414.38	0	41=1.6k;em/em=2				
3101-806		Title III	20		29OCT07	23NOV07	23NOV07	1,209	LOE	0.00	964.74	0	em//em=6				
<b>36 - Edge and Divertor Diagnostics</b>																	
<b>Job: 3601 - Edge Divertor Diagnostics-STRATTON</b>																	
361-001		Design Visible Camera sys	40		01OCT09*	25NOV09	25NOV09	51		0.00	17,054.80	0	EA/SB =80hr ;em/em=40				
361-015		Procure flange>window and material	65		30NOV09	10MAR10	10MAR10	51		0.00	5,012.00	0	41=04\$K ;				
361-016		fabricate and assemble Visible tv camera sys	20		11MAR10	07APR10	07APR10	51		0.00	8,828.96	0	EMT/TB =128 ;ee/tb=16				
<b>38 - Electron Beam (EB) Mapping</b>																	
<b>Job: 3801 - Electron Beam Mapping-STRATTON</b>																	
380-010		E-beam mapping- Prelim Design	40		02MAR09*	24APR09	24APR09	114		0.00	44,761.80	0	R//RM2 =160hr ; EM//EM =50hr ; EA/SB =40hr ; 35=03\$K ;				
380-015		E-beam mapping - PDR	1	R	27APR09	27APR09	27APR09	114		0.00	0.00	0					
380-100		E-beam mapping-Final Design	40		28APR09*	23JUN09	23JUN09	114		0.00	56,544.80	0	R//RM2 =160hr ; EM//EM =50hr ; EA/SB =40hr ; EC//EM =100hr ;				
380-110		E-beam mapping - FDR	1	R	24JUN09	24JUN09	24JUN09	114		0.00	0.00	0					
380-115		E-beam mapping-Procure Rack	65		01OCT09*	13JAN10	13JAN10	46		0.00	47,369.60	0	41=29\$K ; ec//em=40				
380-120		E-beam mapping-Procure Ports	65		01OCT09	13JAN10	13JAN10	46		0.00	5,728.00	0	41=04\$K ;				
380-130		E-beam mapping-Procure Data Acquisition	65		01OCT09*	13JAN10	13JAN10	46		0.00	14,320.00	0	41=10\$K ;				
380-135		E-beam mapping- Assemble	65		14JAN10*	14APR10	14APR10	46		0.00	94,239.24	0	R//RM2 =160hr ; EM//EM =20hr ; EMT/TB =336 ; EC//EM =200hr ; ee//tb=16				
380-135M	2	E-beam mapping apparatus ready for installation	0			14APR10	14APR10	46		0.00	0.00	0					
<b>39 - Diagnostics Integration</b>																	
<b>Job: 3901 - Diagnostics sys Integration-STRATTON</b>																	
390-03		LOE Support FY07	106*		01MAY07A	28SEP07	28SEP07	1,249	LOE	9,326.10	11,359.44	0	R//RM2 =72hr ;				
390-04		LOE Support FY08	249*		01OCT07*	29SEP08	29SEP08	1,000	LOE	0.00	29,228.35	0	R//RM2 =173hr ;				
390-05		LOE Support FY09	247*		01OCT08*	28SEP09	28SEP09	752	LOE	0.00	30,084.70	0	R//RM2 =173hr ;				
390-06		LOE Support FY10	246*		01OCT09*	28SEP10	28SEP10	504	LOE	0.00	62,037.90	0	R//RM2 =345hr ;				
<b>41 - AC Power</b>																	
<b>Job: 4101 - AC Power-RAMAKRISHNAN</b>																	
<b>411 - Auxiliary AC Power Systems</b>																	
4101-100.1		Prepare Preliminary One line diagram	173		01OCT08*	12JUN09	12JUN09	37		0.00	1,390.80	0	EA/SB =06hr ; EE//EM =02hr ; EE//SM =02hr ;				
411-1-100		Ex-Test cell AC pwr-Reactiv.&new instl	210		02JAN09*	27OCT09	27OCT09	114		0.00	12,652.35	0	41=05\$K ; EA/SB =05hr ; EE//EM =08hr ; EE//SM =13hr ; EE//TB =21hr ;				
411-2-2		Grounding-Dsn	65		02JAN09*	02APR09	02APR09	87		0.00	32,604.96	0	EA/SB =160hr ; EE//EM =72hr ;				
411-2-4		Grounding-Procure	107		18AUG09*	28JAN10	28JAN10	70		0.00	14,218.60	0	41=10\$K ;				

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY							
													FY08	FY09	FY10	FY11				
411-2-6		Grounding-Install	43		29JAN10*	30MAR10	30MAR10	70		0.00	46,659.48	0								
411-2-8		Grounding-Commission	29		31MAR10*	10MAY10	10MAY10	70		0.00	16,166.80	0								
411-3-2		Test Cell AC Power Distr-Dsn**GPP**	90		02JAN09*	07MAY09	07MAY09	104		0.00	0.00	0								
411-3-4		TC AC Pwr Distr-Procure(pnls&xfrms)**GPP**	65		08MAY09	10AUG09	10AUG09	104		0.00	0.00	0								
411-3-6		Test Cell AC Power Distr-Install**GPP**	65		11AUG09	10NOV09	10NOV09	104		0.00	0.00	0								
411-3-8		Test Cell AC Power Distr-Commission**GPP**	45		11NOV09*	26JAN10	26JAN10	104		0.00	0.00	0								
<b>412 - Experimental AC Power Systems</b>																				
412-1-2		C-site Pulsed AC Power Distr-Dsn	65		02MAR09*	01JUN09	01JUN09	46		0.00	4,832.00	0								
412-1-4		C-site Pulsed AC Power Distr-Procure	94*		18AUG09	11JAN10	11JAN10	37		0.00	7,102.29	0								
412-1-6		C-site Pulsed AC Power Distr-Install	40		12JAN10	08MAR10	08MAR10	37		0.00	11,553.36	0								
412-1-8		C-site Pulsed AC Power Distr-Commission	78		09MAR10	25JUN10	25JUN10	37		0.00	11,384.00	0								
4101ACPWR		Prior ac pwr work reclassified as gpp	356		01MAY07A	31MAY07A	31MAY07A			-104,100.00	-104,100.00	0								
<b>43 - DC Systems</b>																				
<b>Job: 4301 - DC Systems-RAMAKRISHNAN</b>																				
<b>431 - C-Site DC Systems</b>																				
431-200		Condition/spare parts inventory	20		01OCT08*	28OCT08	28OCT08	387		0.00	2,308.00	0								
431-210		Organize & verify documentation	20		29OCT08*	25NOV08	25NOV08	387		0.00	4,531.16	0								
431-215		Document status	10		26NOV08*	11DEC08	11DEC08	387		0.00	2,857.28	0								
431-225		Reactivate DF & PEI units	15		12DEC08*	12JAN09	12JAN09	387		0.00	22,697.68	0								
431-230		Duummy Load test of DF & PEI units	15		13JAN09*	02FEB09	02FEB09	387		0.00	11,490.04	0								
431-240		Simulate each of 6 pwr loops in PSCAD	90		01OCT08*	16FEB09	16FEB09	260		0.00	18,572.32	0								
431-250		c-site dc sys DGS dsn documentation	90		01OCT08*	16FEB09	16FEB09	260		0.00	61,765.20	0								
431-261		Redo power loop design	90		01OCT08*	16FEB09	16FEB09	260		0.00	52,479.04	0								
431-265		Fabricate bus components	20		29JUL09*	25AUG09	25AUG09	146		0.00	86,139.48	0								
431-275		Power cabling & Installation	97		02NOV09*	30MAR10	30MAR10	99		0.00	317,964.40	0								
431-276		Maint of C-site rectifiers	501		01OCT07*	02OCT09	02OCT09	216	LOE	0.00	22,026.38	0								
<b>44 - Control and protection Systems</b>																				
<b>Job: 4401 - Control &amp; Protection-RAMAKRISHNAN</b>																				
<b>441 - Electrical Interlocks</b>																				
441-095		Design Interlock sys	65		01JUN09*	31AUG09	31AUG09	241		0.00	30,948.00	0								
441-097		Install Interlock sys	40		01SEP09	27OCT09	27OCT09	241		0.00	26,431.48	0								
441-100		PLC Specification	20		02MAR09*	27MAR09	27MAR09	75		0.00	12,493.28	0								
441-105		Prep Block diagrams	20		30MAR09	24APR09	24APR09	75		0.00	16,010.72	0								
441-110		PLC CWD's & Cabling	40		27APR09*	22JUN09	22JUN09	75		0.00	63,679.68	0								
441-115		deliver PLC	130		23JUN09	06JAN10	06JAN10	75		0.00	98,920.77	0								
441-120		Program PLC Logic	45		07JAN10	10MAR10	10MAR10	75		0.00	48,189.60	0								

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	Fiscal Year									
													FY08	FY09	FY10	FY11						
441-125		Program Control pages	40		11MAR10	05MAY10	05MAY10	75		0.00	30,509.20	0								EC//EM =40hr ; EE//EM =32hr ; EE//SM =120hr ;		
441-130		Pre-commissioning tests	20		06MAY10	03JUN10	03JUN10	75		0.00	27,004.00	0								41=01\$K ; EE//EM =40hr ; EE//SM =120hr ;		
441-135		Install I/O Cabling control & protection	90		25FEB10	01JUL10	01JUL10	75		0.00	127,497.20	0								41=38\$K ; EA//SB =160hr ; EE//EM =40hr ; EE//SM =80hr ; EE//TB =400hr ;		
<b>442 - Kirk Key Interlocks</b>																						
442-1-2		Kirk Keys-Dsn	40		01OCT09*	25NOV09	25NOV09	45		0.00	23,657.60	0								EA//SB =80hr ; EE//EM =40hr ; EE//SM =40hr ;		
442-1-4		Kirk Keys-Procure	65		30NOV09	10MAR10	10MAR10	45		0.00	19,434.40	0								41=10\$K ; EE//EM =08hr ; EE//SM =24hr ;		
442-1-6		Kirk Keys-Install	90		01APR10*	06AUG10	06AUG10	30		0.00	34,702.00	0								41=15\$K ; EE//EM =16hr ; EE//SM =24hr ; EE//TB =80hr ;		
442-1-8		Kirk Keys-Commission	20		09AUG10	03SEP10	03SEP10	30		0.00	7,643.00	0								EE//EM =16hr ; EE//SM =20hr ; EE//TB =20hr ;		
<b>443 - Real Time Control Systems</b>																						
443-1-2		Develop Control Algorithms-Dsn	65		01OCT09*	13JAN10	13JAN10	195		0.00	14,772.00	0								EE//EM =80hr ;		
<b>444 - Instrument Systems</b>																						
444-2-2		DC Potential Transducers (DCPTs)-Dsn	40		01OCT09*	25NOV09	25NOV09	100		0.00	9,536.40	0								EA//SB =40hr ; EE//EM =24hr ;		
444-2-4		DC Potential Transducers (DCPTs)-Procure	65		30NOV09	10MAR10	10MAR10	100		0.00	10,633.92	0								41=06\$K ; EA//SB =16hr ;		
444-2-6		DC Potential Transducers (DCPTs)-Install	40		11MAR10	05MAY10	05MAY10	100		0.00	21,894.32	0								EE//EM =16hr ; EE//SM =24hr ; EE//TB =160hr ; EA//SB =16hr ;		
444-2-8		DC Potential Transducers (DCPTs)-Commission	15		06MAY10	26MAY10	26MAY10	100		0.00	13,041.60	0								EE//EM =24hr ; EE//SM =24hr ; EE//TB =60hr ;		
444-3-2		DC Shunts-Dsn	20		01OCT09*	28OCT09	28OCT09	240		0.00	8,515.44	0								EA//SB =32hr ; EE//EM =24hr ;		
444-4-2		Signal Conditioning & Cabling-Dsn	130		01JUL09*	14JAN10	14JAN10	54		0.00	90,210.87	0								EA//SB =24hr ; EE//EM =480hr ;		
444-4-4		Signal Conditioning & Cabling-Procure	65		15JAN10	15APR10	15APR10	54		0.00	20,138.40	0								41=12\$K ; EE//EM =16hr ;		
444-4-6		Signal Conditioning & Cabling-Install	65		16APR10	19JUL10	19JUL10	54		0.00	27,638.00	0								EE//EM =24hr ; EE//TB =280hr ;		
444-4-8		Signal Conditioning & Cabling-Commission	10		20JUL10	02AUG10	02AUG10	54		0.00	18,240.40	0								EE//EM =48hr ; EE//SM =40hr ; EE//TB =40hr ;		
<b>445 - Coil Protection Systems</b>																						
445-1-2		Ground Fault Protection-Dsn	65		02FEB09*	01MAY09	01MAY09	66		0.00	35,854.56	0								EA//SB =40hr ; EE//EM =160hr ; EE//SM =16hr ;		
445-1-4		Ground Fault Protection-Procure	65		18AUG09*	17NOV09	17NOV09	81		0.00	28,383.62	0								41=18\$K ; EE//EM =16hr ;		
445-1-6		Ground Fault Protection-Install	75		18NOV09*	16MAR10	16MAR10	81		0.00	25,626.96	0								EE//EM =40hr ; EE//SM =48hr ; EE//TB =120hr ; EA//SB =08hr ;		
445-1-8		Ground Fault Protection-Commission	70		17MAR10	23JUN10	23JUN10	81		0.00	10,720.96	0								EE//EM =24hr ; EE//SM =24hr ; EE//TB =32hr ;		
445-2-105		Overload Protect-Write spec and approve	20		03AUG09*	28AUG09	28AUG09	102		0.00	14,286.40	0								EE//EM =80hr ;		
445-2-110		Overload Protect-Design	40		31AUG09*	26OCT09	26OCT09	112		0.00	26,177.60	0								EA//SB =32hr ; EE//EM =96hr ; EE//SM =32hr ;		
445-2-115		Overload Protect-Fabr 4 chassis	65		27OCT09*	08FEB10	08FEB10	132		0.00	27,049.20	0								EE//EM =48hr ; EE//SM =120hr ;		
445-2-120		Overload Protect-Test 4 units	10		09FEB10	22FEB10	22FEB10	132		0.00	10,758.40	0								EE//EM =32hr ; EE//SM =32hr ;		
445-2-125		Overload Protect-Install & Rack wiring	20		23FEB10	22MAR10	22MAR10	132		0.00	20,532.55	0								EE//EM =48hr ; EE//SM =77hr ;		
445-2-130		Overload Protect-Write & perform ISTP	15		23MAR10	12APR10	12APR10	132		0.00	10,758.40	0								EE//EM =32hr ; EE//SM =32hr ;		
445-2-135		Overload Protect-Documentation	180		31AUG09*	24MAY10	24MAY10	102		0.00	11,077.36	0								EA//SB =64hr ; EE//EM =16hr ;		
445-2-140		Overload Protection&cabling design,procure instl	130		27OCT09*	10MAY10	10MAY10	112		0.00	61,328.23	0								41=13\$K ; EA//SB =80hr ; EE//EM =96hr ; EE//SM =45hr ; EE//TB =96hr ;		

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY						
													FY08	FY09	FY10	FY11			
<b>45 - Power System Design and Integration</b>																			
<b>Job: 4501 - Power Sys Dsn &amp; Integr-RAMAKRISHNAN</b>																			
<b>451 - System Design &amp; Interfaces</b>																			
451-0-2		Develop SRD	15		01OCT08*	21OCT08	21OCT08	146		0.00	7,143.20	0							
451-3-2		Dwgs,asbuilts -Elect Dsn	245		08OCT08*	01OCT09	01OCT09	259		0.00	96,653.42	0							
451-2-2		PDR Prep Power system -Dsn	40		22OCT08	18DEC08	18DEC08	146		0.00	32,941.44	0							
451-2-3	2	Power system - PDR	0	R		18DEC08	18DEC08	146		0.00	0.00	0							
451-6-2		Final design C-Site -Cabling	149		19DEC08	28JUL09	28JUL09	146		0.00	29,096.80	0							
451-2-2.1		Final Design C-Site	149		19DEC08	28JUL09	28JUL09	146		0.00	29,096.80	0							
451-1-2		Calculations-Dsn	149		22OCT08*	01JUN09	01JUN09	186		0.00	8,130.56	0							
451-202.2	2	Power systems C-Site - FDR	0	R		28JUL09	28JUL09	146		0.00	0.00	0							
451-4-2		Final Dsn AC auxiliaries & grounding-Dsn	45		15JUN09	17AUG09	17AUG09	37		0.00	12,080.00	0							
451-402.1		AC auxiliaries & grounding - FDR	0	R		17AUG09	17AUG09	37		0.00	0.00	0							
<b>452 - Electrical Systems Support</b>																			
452-1-2		Diagnostics AC Power Distr-Dsn	40		02MAR09*	24APR09	24APR09	170		0.00	34,033.60	0							
452-1-4		Diagnostics AC Power Distr-Procure	40		27APR09	22JUN09	22JUN09	170		0.00	2,384.36	0							
452-1-6		Diagnostics AC Power Distr-Install	130		23JUN09	06JAN10	06JAN10	170		0.00	78,393.29	0							
452-1-8		Diagnostics AC Power Distr-Commission	30		07JAN10	17FEB10	17FEB10	170		0.00	29,816.40	0							
452-2-2		Diagnostics sensor cabling-Dsn	43		01MAY09*	01JUL09	01JUL09	205		0.00	24,033.12	0							
452-2-4		Diagnostics sensor cabling-Procure	65		02JUL09	02OCT09	02OCT09	205		0.00	2,796.15	0							
452-2-6		Diagnostics sensor cabling-Install	43		05OCT09	04DEC09	04DEC09	205		0.00	21,064.80	0							
452-2-8		Diagnostics sensor cabling-Commission	10		07DEC09	18DEC09	18DEC09	205		0.00	6,554.16	0							
<b>453 - System Testing (PTP's)</b>																			
453-1-2		New Procedures	90		01JUL09*	05NOV09	05NOV09	134		0.00	24,269.34	0							
453-1-3		Preop Testing-Procure test equipt	65		03AUG09*	02NOV09	02NOV09	217		0.00	28,187.69	0							
453-1-4		TF Coil Test	20		22OCT10*	18NOV10	18OCT10	-23		0.00	19,528.70	-23							
453-1-5		PF Coil Test	20		22OCT10*	18NOV10	18OCT10	-23		0.00	19,528.70	-23							
453-1-6		Trim Coil Coil Test	20		22OCT10*	18NOV10	18OCT10	-23		0.00	18,794.70	-23							
453-1-8		Testing PTPs, ISTPs	100		30JUN10*	18NOV10	18OCT10	-23		0.00	160,557.24	-23							
<b>51 - Network and Fiber Infrastructure</b>																			
<b>Job: 5101 - Network and Fiber Infrastruct-SICHTA</b>																			
R51-10		Preliminary Design	30		01JUL09*	12AUG09	12AUG09	93		0.00	4,652.70	0							
R51-11		PDR	0	R		12AUG09	12AUG09	93		0.00	0.00	0							
R51-20		Final Design	60		13AUG09	05NOV09	05NOV09	93		0.00	4,721.21	0							
R51-21		FDR	0	R		05NOV09	05NOV09	93		0.00	0.00	0							



Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	Fiscal Year						
													FY08	FY09	FY10	FY11			
R51-30		Procurement	60		06NOV09	11FEB10	11FEB10	93		0.00	52,884.80	0							
R51-50		Installation	60		12FEB10	06MAY10	06MAY10	93		0.00	83,587.00	0							
R51-60		Test	14		07MAY10	26MAY10	26MAY10	93		0.00	4,766.40	0							
<b>52 - Central Instrumentation &amp; Control</b>																			
<b>Job: 5201 - I&amp;C Systems-SICHTA</b>																			
R52-10		Preliminary Design	30		02MAR09*	10APR09	10APR09	49		0.00	6,203.60	0							
R52-11		PDR	0	R		10APR09	10APR09	49		0.00	0.00	0							
R52-20		Final Design	60		13APR09	07JUL09	07JUL09	49		0.00	6,203.60	0							
R52-21		FDR	0	R		07JUL09	07JUL09	49		0.00	0.00	0							
R52-30		Procurement	30		08JUL09	18AUG09	18AUG09	49		0.00	33,500.80	0							
R52-40		EPICS Programming - Base	10		19AUG09	01SEP09	01SEP09	49		0.00	12,407.20	0							
R52-50		EPICS Programming - VDCT db editor	30		02SEP09	14OCT09	14OCT09	229		0.00	6,273.87	0							
R52-60		IOC Programming - MDSplus data & events	30		02SEP09	14OCT09	14OCT09	229		0.00	18,821.60	0							
R52-70		OPC - EPICS/PLC Interface	90		02SEP09	20JAN10	20JAN10	49		0.00	28,002.44	0							
R52-80		Appl. Programming-T/C	30		21JAN10	03MAR10	03MAR10	49		0.00	12,828.80	0							
R52-90		Programming - misc.	90		04MAR10	09JUL10	09JUL10	49		0.00	16,036.00	0							
R52-100		Installation	60		15APR10	09JUL10	09JUL10	49		0.00	49,987.20	0							
R52-110		Test	14		12JUL10	29JUL10	29JUL10	49		0.00	6,414.40	0							
<b>53 - Data Acquisition &amp; Facility Computing</b>																			
<b>Job: 5301 - Data Acquisition-SICHTA</b>																			
R53-10		Preliminary Design	30		01MAY09*	12JUN09	12JUN09	55		0.00	6,203.60	0							
R53-11		PDR	0	R		12JUN09	12JUN09	55		0.00	0.00	0							
R53-20		Final Design	30		15JUN09	27JUL09	27JUL09	55		0.00	12,407.20	0							
R53-21		FDR	0	R		27JUL09	27JUL09	55		0.00	0.00	0							
R53-30		Procurement	30		28JUL09	08SEP09	08SEP09	55		0.00	30,352.80	0							
R53-40		Installation	30		09SEP09	20OCT09	20OCT09	55		0.00	3,063.79	0							
R53-50		MDSplus Installation	20		21OCT09	17NOV09	17NOV09	55		0.00	12,828.80	0							
R53-60		MDSplus Programming - Tree Design	20		18NOV09	17DEC09	17DEC09	55		0.00	12,828.80	0							
R53-70		MDSplus Programming - Shot Sync	20		18DEC09	26JAN10	26JAN10	55		0.00	12,828.80	0							
R53-110		Programming - Misc.	60		27JAN10	20APR10	20APR10	55		0.00	25,657.60	0							
R53-80		MDSplus Programming - Dispatcher	30		21APR10	02JUN10	02JUN10	55		0.00	25,657.60	0							
R53-90		MDSplus Programming - Acquisition	20		03JUN10	30JUN10	30JUN10	55		0.00	12,828.80	0							
R53-120		Test	14		01JUL10	21JUL10	21JUL10	55		0.00	9,532.80	0							
<b>54 - Facility Timing &amp; Synchronization</b>																			
<b>Job: 5401 - Facility Timing &amp; Synchron.-SICHTA</b>																			
R54-10		Preliminary System Design	30		01JUL09*	12AUG09	12AUG09	43		0.00	6,203.60	0							
R54-11		PDR	0	R		12AUG09	12AUG09	43		0.00	0.00	0							

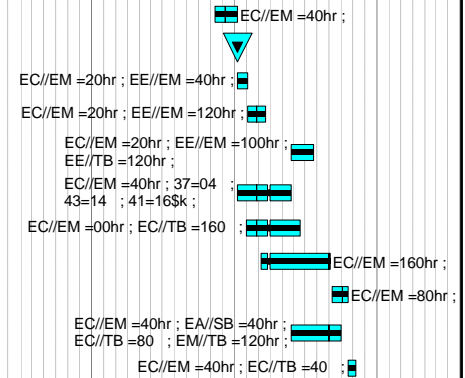
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 EC//EM =60hr ; EC//TB =20 ;  
 EA//SB =240hr ; EM//TB =490hr ;  
 EC//EM =20hr ; EC//TB =20 ;

EC//EM =40hr ;  
 EC//EM =40hr ;  
 EC//EM =20hr ; 37=03 ; 43=17 ; 41=18\$K ;  
 EC//EM =80hr ;  
 EC//EM =40hr ;  
 EC//EM =120hr ;  
 EC//EM =160hr ; 43=02 ; 35=02\$K ;  
 EC//EM =80hr ;  
 EC//EM =100hr ;  
 EC//EM =40hr ; EC//TB =100 ; EA//SB =120hr ; EM//TB =240hr ;  
 EC//EM =40hr ;

EC//EM =40hr ;  
 EC//EM =80hr ;  
 EC//EM =20hr ; 37=02 ; 43=03 ; 41=17\$K ;  
 EC//EM =00hr ; EC//TB =40 ;  
 EC//EM =80hr ;  
 EC//EM =80hr ;  
 EC//EM =80hr ;  
 EC//EM =160hr ;  
 EC//EM =160hr ;  
 EC//EM =80hr ;  
 EC//EM =40hr ; EC//TB =40 ;

EC//EM =40hr ;

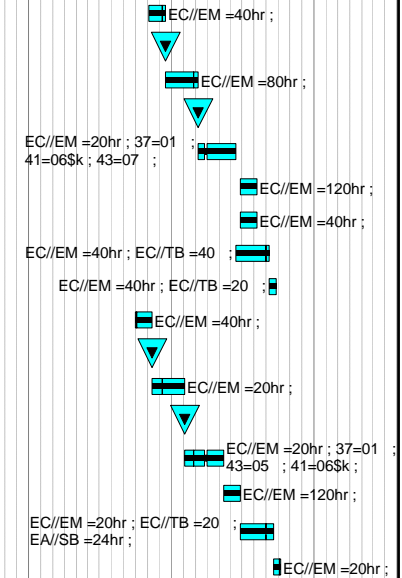
Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY08	FY09	FY10	FY11
R54-20		Final SystemDesign	40		13AUG09	08OCT09	08OCT09	43		0.00	6,235.22	0				
R54-21		FDR	0	R		08OCT09	08OCT09	143		0.00	0.00	0				
R54-30		Preliminary Design - Clock Dist.	20		09OCT09	05NOV09	05NOV09	143		0.00	10,593.20	0				
R54-40		Final Design - Clock Dist.	30		06NOV09	21DEC09	21DEC09	143		0.00	25,365.20	0				
R54-50		Test - Clock Dist.	40		26FEB10	22APR10	22APR10	103		0.00	31,617.80	0				
R54-60		Procurement	90		09OCT09	25FEB10	25FEB10	53		0.00	36,330.40	0				
R54-70		UNT - Timing & Seq Emulation (FPGA Pgm)	90		02NOV09*	19MAR10	19MAR10	127		0.00	12,473.60	0				
R54-80		UNT - Device Driver Prog (EPICS/MDSplus)	120		08DEC09	04JUN10	04JUN10	43		0.00	25,657.60	0				
R54-90		Central Clock (EPICS) Programming	30		07JUN10	19JUL10	19JUL10	43		0.00	12,828.80	0				
R54-100		Installation	90		26FEB10	02JUL10	02JUL10	53		0.00	27,987.20	0				
R54-110		Test	14		20JUL10	06AUG10	06AUG10	43		0.00	9,532.80	0				



**55 - Real Time Plasma & Power Supply Control Sys**

**Job: 5501 - Real Time Control System-SICHTA**

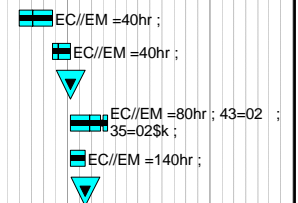
R55-10		FCPC - Preliminary Design	30		03AUG09*	14SEP09	14SEP09	71		0.00	6,203.60	0				
R55-11		PDR	0	R		14SEP09	14SEP09	71		0.00	0.00	0				
R55-20		FCPC -Final Design	60		15SEP09	09DEC09	09DEC09	71		0.00	12,744.48	0				
R55-21		FDR	0	R		09DEC09	09DEC09	71		0.00	0.00	0				
R55-30		FCPC - Procurement	60		10DEC09	15MAR10	15MAR10	71		0.00	13,550.20	0				
R55-40		FCPC LabVIEW Programming	30		26MAR10	06MAY10	06MAY10	93		0.00	19,243.20	0				
R55-45		FCPC PLC Integration-EPICS Prog.	30		26MAR10	06MAY10	06MAY10	93		0.00	6,414.40	0				
R55-50		FCPC - Installation	60		16MAR10	08JUN10	08JUN10	71		0.00	9,532.80	0				
R55-60		FCPC -Test	14		09JUN10	28JUN10	28JUN10	71		0.00	7,973.60	0				
R55-70		GISRTC - Preliminary Design	30		01JUL09*	12AUG09	12AUG09	63		0.00	6,203.60	0				
R55-71		PDR	0	R		12AUG09	12AUG09	63		0.00	0.00	0				
R55-80		GISRTC -Final Design	60		13AUG09	05NOV09	05NOV09	63		0.00	3,147.47	0				
R55-81		FDR	0	R		05NOV09	05NOV09	63		0.00	0.00	0				
R55-90		GISRTC - Procurement	60		06NOV09	11FEB10	11FEB10	63		0.00	13,550.20	0				
R55-100		GISRTC LabVIEW Programming	30		12FEB10	25MAR10	25MAR10	63		0.00	19,243.20	0				
R55-110		GISRTC - Installation	60		26MAR10	18JUN10	18JUN10	63		0.00	7,829.28	0				
R55-120		GISRTC -Test	14		21JUN10	09JUL10	09JUL10	63		0.00	3,207.20	0				



**56 - Central Safety and Interlock Systems**

**Job: 5601 - Central Safety & Interlock Sys-SICHTA**

R56-10		Requirements, Codes&Standards	60		01JUN09*	24AUG09	24AUG09	39		0.00	6,203.60	0				
R56-20		Preliminary Design	30		25AUG09	06OCT09	06OCT09	39		0.00	6,231.71	0				
R56-21		PDR	0	R		06OCT09	06OCT09	39		0.00	0.00	0				
R56-30		PLC Training	60		07OCT09	12JAN10	12JAN10	159		0.00	15,374.80	0				
R56-35		Final Design	30		07OCT09	17NOV09	17NOV09	39		0.00	22,450.40	0				
R56-36		FDR	0	R		17NOV09	17NOV09	39		0.00	0.00	0				





Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY					
													FY08	FY09	FY10	FY11		
R56-40		Procurement	60		18NOV09	23FEB10	23FEB10	39		0.00	49,062.40	0						
R56-50		PLC Programming	90		24FEB10	30JUN10	30JUN10	39		0.00	19,243.20	0						
R56-60		Installation	70		24FEB10	02JUN10	02JUN10	59		0.00	87,412.00	0						
R56-70		Test	30		01JUL10	12AUG10	12AUG10	39		0.00	15,947.20	0						
R56-70M	2	Compl Central Safety&Interlock Sys Pre-ops Tests	0			12AUG10	12AUG10	39		0.00	0.00	0						
<b>58 - Central I&amp;C management and Integration</b>																		
<b>Job: 5801 - Central I&amp;C Integr&amp; Oversight-SICHTA</b>																		
R58-10		WBS58 -FY07 Management & Integration LOE	107*		01MAY07A	01OCT07	01OCT07	1,248	LOE	5,723.24	7,039.66	0						
R58-20		WBS58 -FY08 Management & Integration LOE	250		01OCT07*	30SEP08	30SEP08	999	LOE	0.00	24,107.20	0						
R58-30		WBS58 -FY09 Management & Integration LOE	249		01OCT08*	30SEP09	30SEP09	750	LOE	0.00	18,610.80	0						
R58-40		WBS58 -FY10 Management & Integration LOE	248		01OCT09*	30SEP10	30SEP10	502	LOE	0.00	19,243.20	0						
<b>61 - Water Systems</b>																		
<b>Job: 6101 - Water Systems-DUDEK</b>																		
<b>613 - Vacuum Pumping System</b>																		
6101-100		Design Vac Pmp water sys	20		01OCT08*	28OCT08	28OCT08	258		0.00	13,183.60	0						
6101-105		Procure Hardware and materials Vac Pmp water sys	90		29OCT08	16MAR09	16MAR09	258		0.00	7,459.09	0						
6101-110		Fabricate and Install Vac Pmp water sys	40		20APR09*	15JUN09	15JUN09	234		0.00	21,135.28	0						
6101-115		Test Vac Pmp water sys	22		16JUN09	16JUL09	16JUL09	234		0.00	4,622.40	0						
<b>62 - Cryogenic Systems</b>																		
<b>Job: 6201 - Cryogenic Syst-GETTELFINGER</b>																		
<b>621 - LN2-LHe Supply System</b>																		
621-101		LN2 - LHe Supply-Preliminary Design	20		01OCT08*	28OCT08	28OCT08	221		0.00	9,256.72	0						
621-121		LN2 - LHe Supply-Final Design	20		29OCT08	25NOV08	25NOV08	222		0.00	10,244.08	0						
621-131		LN2 - LHe Supply-Procure Hardware & Materials	65		01OCT09*	13JAN10	13JAN10	124		0.00	40,282.16	0						
621-141		LN2 - LHe Supply-Fabricate & Assembly	35		14JAN10	03MAR10	03MAR10	124		0.00	20,272.00	0						
621-151		LN2 - LHe Supply-Title III	100		01OCT09	03MAR10	03MAR10	124	LOE	0.00	7,529.72	0						
<b>622 - LN2 Coil Cooling Supply</b>																		
622-101		LN2 Coil Cooling Supply-Prelim Design	20		01OCT08*	28OCT08	28OCT08	221		0.00	10,984.60	0						
622-121		LN2 Coil Cooling Supply-Final Design	20		29OCT08	25NOV08	25NOV08	222		0.00	10,984.60	0						
622-131		LN2 Coil Cooling Supply-Procure Hardware	65		12AUG09*	11NOV09	11NOV09	144		0.00	22,398.49	0						
622-141		LN2 Coil Cooling Supply-Assemble Skid	25		12NOV09	18DEC09	18DEC09	144		0.00	18,158.80	0						
622-151		LN2 Coil Cooling Supply-Relocate skid to NCSX TC	25		21DEC09	03FEB10	03FEB10	144		0.00	18,158.80	0						
622-161		LN2 Coil Cooling Supply-Title III	115		12AUG09	03FEB10	03FEB10	144	LOE	0.00	7,454.33	0						
<b>623 - GN2 Cryostat Cooling System</b>																		
623-100		GN2 Cryostat Cooling Sys Development	30		05JAN09*	13FEB09	13FEB09	122		0.00	87,993.60	0						
623-101		GN2 Cryostat Cooling Sys-Preliminary Design	30		16FEB09*	27MAR09	27MAR09	122		0.00	18,176.80	0						
623-121		GN2 Cryostat Cooling Sys-Analysis	30		19MAR09*	29APR09	29APR09	99		0.00	30,593.60	0						
623-141		GN2 Cryostat Cooling Sys-WBS 62/171 PDR	1	R	30APR09	30APR09	30APR09	99		0.00	1,324.00	0						
623-161		GN2 Cryostat Cooling Sys-Final Design	20		01MAY09	29MAY09	29MAY09	99		0.00	16,942.60	0						

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY								
													FY08	FY09	FY10	FY11					
623-181		GN2 Cryostat Cooling Sys-WBS 62/171 FDR	1	R	11AUG09	11AUG09	11AUG09	49		0.00	1,324.00	0									
623-201		GN2 Cryostat Cooling Sys-Procure Hardware	88		12AUG09	16DEC09	16DEC09	49		0.00	144,346.32	0						EM//EM =08hr ;			
623-221		GN2 Cryostat Cooling Sys-Assemble & Install	122		17DEC09	17JUN10	17JUN10	49		0.00	156,307.20	0						41=101.785\$K ;			
623-261		WBS 62/171 Cryo systems PTP	10		18JUN10	01JUL10	01JUL10	49		0.00	13,666.00	0						EM//TB =1,600hr ; ee//tb=240			
623-261M	2	Complete Cryo Systems Pre-ops Test	0			01JUL10	01JUL10	49		0.00	0.00	0						EM//EM =40hr ; EM//TB =80hr ;			
623-262		GN2 Cryostat Cooling Supply-Title III	258		12AUG09	25AUG10	25AUG10	527	LOE	0.00	8,177.58	0						EM//EM =48hr			
<b>63 - Utility Systems</b>																					
<b>Job: 6301 - Utility Systems-DUDEK</b>																					
6301-001		Vac Vent and Air sys- Prelim Dsn	20		06OCT08*	31OCT08	31OCT08	285		0.00	18,479.60	0						EM//EM =52hr ; EA//SB =80hr ;			
6301-005		Vac Vent and Air sys- PDR	1	R	03NOV08*	03NOV08	03NOV08	285		0.00	1,324.00	0						EM//EM =08hr ;			
6301-009		Vac Vent and Air sys- Final dsn	10		04NOV08*	17NOV08	17NOV08	285		0.00	11,859.60	0						EM//EM =12hr ; EA//SB =80hr ;			
6301-010		Vac Vent and Air sys- FDR	1	R	18NOV08*	18NOV08	18NOV08	285		0.00	1,324.00	0						EM//EM =08hr ;			
6301-013		Vac Vent and Air sys- Procure hardware and compo	60		19NOV08	23FEB09	23FEB09	285		0.00	37,396.80	0						EM//EM =20hr ; 41=24.398\$K ;			
6301-017		Vac Vent and Air sys- Fabricate and Install	40		01MAY09*	26JUN09	26JUN09	237		0.00	29,862.12	0						EM//EM =20hr ; EM//TB =322hr ;			
6301-020		Vac Vent and Air sys-Test	10		29JUN09*	13JUL09	13JUL09	237		0.00	4,622.40	0						EM//EM =08hr ; EM//TB =40hr ;			
<b>64 - PFC/VV Heating &amp; Cooling (Bakeout)</b>																					
<b>Job: 6401 - PFC/VV Htng/Cooling(bakeout)- KALISH</b>																					
6401-000		Bakeout Sys- Requirements Definition	40		06APR09*	01JUN09	01JUN09	93		0.00	15,296.80	0						EM//EM =80hr ;			
6401-001		Bakeout Sys-Preliminary Design	40		02JUN09*	28JUL09	28JUL09	93		0.00	43,874.32	0						EM//EM =152hr ; EA//SB =120hr ;			
6401-002		Bakeout Sys-PDR	1	R	29JUL09*	29JUL09	29JUL09	93		0.00	1,529.68	0						EM//EM =08hr ;			
6401-004		Bakeout Sys- EA Analysis	30		30JUL09	10SEP09	10SEP09	93		0.00	30,593.60	0						EA//EM =160hr ;			
6401-005		Bakeout Sys-Final Design	40		11SEP09*	05NOV09	05NOV09	93		0.00	44,844.12	0						EM//EM =152hr ; EA//SB =120hr ;			
6401-009		Bakeout Sys-FDR	1	R	06NOV09*	06NOV09	06NOV09	93		0.00	1,581.68	0						EM//EM =08hr ;			
6401-010		Bakeout Sys-Procure Piping & Equipt	65		09NOV09*	19FEB10	19FEB10	93		0.00	236,552.08	0						41=165.185\$K ;			
6401-013		Assemble & Install	65		22FEB10*	21MAY10	21MAY10	93		0.00	169,667.40	0						EM//TB =1990hr ;			
6401-017		Bakeout Sys- ACC Review	10		24MAY10*	07JUN10	07JUN10	93		0.00	11,318.80	0						EM//EM =40hr ; EM//TB =40hr ;			
6401-020		Bakeout Sys-PTP Testing	10		08JUN10*	21JUN10	21JUN10	93		0.00	18,139.60	0						EM//EM =40hr ; EM//TB =120hr ;			
<b>73 - Platform Design &amp; Fabrication</b>																					
<b>Job: 7301 - Platform Design &amp; Fab-PERRY</b>																					
711A.040		Platform nut plates	30		02OCT08	12NOV08	12NOV08	16		2,553.28	2,976.68	0						EM//TB =36hr ; 41=00\$K ;			
712.020		Platform Parts	30		02OCT08	12NOV08	12NOV08	16		0.00	34,225.00	0						EM//EM =32hr ; 41=03\$K ;			
712.030		Miscs Hardware/Material	40		18SEP08	12NOV08	12NOV08	16		0.00	22,031.60	0						EM//TB =300hr ;			
7301-100		Survey & layout locations for platform posts	10		30OCT08	12NOV08	12NOV08	16		0.00	25,252.80	0						41=16\$K ;			
7301-102		Machine platform trial assembly & fitup	30		13NOV08*	06JAN09	06JAN09	16		0.00	119,740.80	0						EM//EM =40hr ; EM//SM =40hr ;			
																		EM//TB =160hr ;			
																		EM//EM =48hr ; EM//SM =240hr ;			
																		EM//TB =960hr ;			

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY			
													FY08	FY09	FY10	FY11
<b>74 - Machine Assembly Planning and Oversight</b>																
<b>Job: 7401 - TC Prep &amp; Mach Assy Planning-PERRY</b>																
<b>Oversight and Supervision</b>																
1802ORNLF		ORNL Title III final machine assy	505*		26JAN09	03FEB11	03JAN11	-23	LOE	0.00	381,899.21	-23				
714.030		LOE Start of assy through thru completion	505*	LOE	26JAN09	03FEB11	03JAN11	-23	LOE	0.00	1,026,386.18	-23				
714.031		Additional supervision for 2nd shift	217*	2	07APR10	03FEB11	03JAN11	-23	LOE	0.00	261,044.62	-23				
<b>7401ACPWR</b>																
		Prior ac pwr work reclassified as gpp	356		01MAY07A	31MAY07A	31MAY07A		LOE	-308,300.00	-308,300.00	0				
714.020		LOE Prior to assy starting	356		01OCT07*	10MAR09	10MAR09	926	LOE	0.00	32,389.94	0				
714.025		Update Final Assembly Plan	45		03OCT08*	08DEC08	08DEC08	30		0.00	26,480.00	0				
7502-001		Test Cell 110/208voutlets GPP SCOPE TO COMPLETE	65		15AUG08*	14NOV08	14NOV08	44		0.00	0.00	0				
<b>75 - Test Cell and Basement Assembly Operations</b>																
<b>Job: 7501 - Construction Support Crew-PERRY</b>																
<b>General Assy Support</b>																
7501-06		Construction Support Crew for 2nd shift	217*	2	07APR10	03FEB11	03JAN11	-23	LOE	0.00	447,147.92	-23				
7501-05		Construction Support Crew during machine assy	527*		26JAN09	03FEB11	03JAN11	-23	LOE	0.00	962,691.64	-23				
<b>Job: 7503 - Machine Assembly (station 6)-PERRY</b>																
7501-10		Fabricate/Assemble assembly structure	30	1	04DEC08	23JAN09	23JAN09	13		0.00	239,444.80	0				
7501-10.1		Fab struct to go between assy sleds&FPA's	20	1	04DEC08	09JAN09	09JAN09	23		0.00	239,444.80	0				
7501-10.2		Assemble 3 FPA support stands	15	1	12NOV08*	04DEC08	04DEC08	12		0.00	63,842.40	0				
7501-10.3		Assemble 3 VV spool piece support stands	10	1	05DEC08	18DEC08	18DEC08	12		0.00	42,561.60	0				
7501-10.4		Assemble machine base structure	10	1	19DEC08	12JAN09	12JAN09	12		0.00	42,561.60	0				
7501-10.4M	2	Complete Base Support Structure Assembly	0	1		12JAN09	12JAN09	12		0.00	0.00	0				
7501-10.5		Assemble 3 FPA installation carts	10	1	13JAN09	26JAN09	26JAN09	12		0.00	42,561.60	0				
7501-10.6		Fab 3 laser support poles	30	1	20NOV08*	13JAN09	13JAN09	70		0.00	73,108.80	0				
7501-10.7		Fab 3 concrete blocks for testing assy struct	12	1	14JAN09	29JAN09	29JAN09	70		0.00	44,288.32	0				
7503-010		Begin Assembly Activities	0	1	26JAN09*			3		0.00	0.00	0				
7503-020		Install Permanent support base and columns	10	1	26JAN09	06FEB09	06FEB09	3		0.00	67,371.00	0				
7503-015		Install Temp Assembly Structure	15	1	09FEB09	27FEB09	27FEB09	3		0.00	95,763.60	0				
7503-060		Install Lower PF 4,5&6 into prelim position	1	1	02MAR09	02MAR09	02MAR09	3		0.00	4,814.40	0				
7503-070		Install 3 Spool Pieces on fixt & test movement	10	1	03MAR09	16MAR09	16MAR09	3		0.00	51,510.80	0				
7501-10.9		Install test cell metrology site monuments & chk	20	1	17MAR09	13APR09	13APR09	3		0.00	85,123.20	0				
7501-10.10		Test TC floor deflections with concrete block	15	1	14APR09	04MAY09	04MAY09	3		0.00	73,737.60	0				
7501-10.8		Exercise assy struc with concrete blocks & metro	20	2	05MAY09	02JUN09	02JUN09	3		0.00	109,528.00	0				
7503-080A		FPA-1 Installation and assembly test	20	1	02JUL09	30JUL09	30JUN09	-18		0.00	135,915.20	-21				
7503-080		FPA-1 Installed on sleds	0	1		30JUL09	30JUN09	-18		0.00	0.00	-21				
7501-11		Exercise assy struc w/FPA-1 before start of assy	40	1	31JUL09	25SEP09	26AUG09	-18		0.00	135,915.20	-21				

ORNLEM =1670;ornldm=835  
travel=12

Perry 1.0 fte Langella 1.0 fte  
2nd shift supervision 1.0 fte

EM//EM =120hr ; EE//SM =90hr ;  
EM//EM =160hr ;

Tool Crib Control em/tb=(.75 fte)  
Crane Operator & support em//tb= (1.0 fte)  
Forklift Operator & support em//tb= (1.0 fte)

EM//EM =96hr ; EM//TB =960hr ;  
EM//SM =240hr ; 41=80\$sk ;  
41=80 ; EM//EM=96 EM//SM=240EM//TB=960  
EM//EM=48 EM//SM=120 EM//TB=480  
EM//EM=32 EM//SM=80 EM//TB=320  
EM//EM= 32 EM//SM=80 EM//TB=320  
EM//EM=32 EM//SM= 80 EM//TB=320  
41=24 ; EM//TB=480  
41=18 ; EM//EM=20 EM//TB=192

EA//EM =60hr ; EM//TB =480hr ;  
EM//SM =120hr ;  
EM//EM =72hr ; EM//SM =180hr ;  
EM//TB =720hr ;  
EM//SM =16hr ; EM//TB =32hr ;  
EA//EM =40hr ; EM//TB =320hr ;  
EM//SM =80hr ; EM//TB =80hr ;  
Metrr=640;EM//EM=64 EM//TB=160  
Metrr=120;EM//EM=48 EM//SM=120 EM//  
EM//EM=80EM//SM=320 EM//TB=640  
Metrr=320;EM//EM=80EM//SM=320

EM//EM =80hr ; EM//TB =640hr ;  
EM//SM =320hr ; EM//TB =320hr ;

Tool  
Cran  
Fork

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY						
													FY08	FY09	FY10	FY11			
7503-415.7		Measure vsl gaps to determ spool piece dimension	18	1	28SEP09	21OCT09	22SEP09	-18		0.00	81,048.96	-21							EA/EM =288hr ; metrology =288hr ;
7503-415.0		Spool piece installation test	20	1	22OCT09	18NOV09	20OCT09	-18		0.00	140,532.00	-21							41=45\$K ; EM/EM =12hr ;
7503-416.1		Machine Flange A & B of Spool Piece 1	30	1	19NOV09	13JAN10	03DEC09	-18		0.00	44,329.04	-21							41=30\$K ; EM/EM =8hr ;
7503-416.2		Machine Flange A & B of Spool Piece 2	30	1	14JAN10	24FEB10	26JAN10	-18		0.00	44,329.04	-21							41=30\$K ; EM/EM =8hr ;
7503-416.3		Machine Flange A & B of Spool Piece 3	30	1	25FEB10	07APR10	09MAR10	-18		0.00	44,329.04	-21							41=30\$K ; EM/EM =8hr ;
7503-110A		FPA-2 Installation and assembly test	20	1	06NOV09	07DEC09	02NOV09	-14		0.00	140,532.00	-23							Metr=320;EM/EM=80EM/SM=320 EM/TB=640
7503-110		FPA-2 Installed on sleds	0	1		07DEC09	02NOV09	-14		0.00	0.00	-23							
7503-150A		FPA-3 Installation and assembly test	20	1	21DEC09	27JAN10	15DEC09	-23		0.00	140,532.00	-23							Metr=320;EM/EM=80EM/SM=320 EM/TB=640
7503-150	2	FPA-3 Installed on sleds	0	1		27JAN10	15DEC09	-23		0.00	0.00	-23							
7503-120		Test movement of FPA's incl position checks.	5	1	28JAN10	03FEB10	22DEC09	-23		0.00	26,630.20	-23							EA/EM =20hr ; EM/TB =160hr ; EM/SM =40hr ; EM/TB =40hr ;
7503-400		Install inboard and outboard shims	6	1	04FEB10	11FEB10	11JAN10	-23		0.00	95,147.05	-23							41=36\$K ; EA/EM =20hr ; EM/EM =29hr ; EM/SM =72hr ; EM/TB =288hr ;
7503-402		Move all FPA's together, chk fitup,tack shims	6	1	12FEB10	19FEB10	19JAN10	-23		0.00	46,323.37	-23							EA/EM =20hr ; EM/EM =29hr ; EM/SM =72hr ; EM/TB =288hr ; metrology=32
7503-404		Weld inboard shims on mating flanges	6	1	22FEB10	01MAR10	27JAN10	-23		0.00	43,595.05	-23							EA/EM =20hr ; EM/EM =29hr ; EM/SM =72hr ; EM/TB =288hr ;
7503-406		Install TF coils at ends of each FPA	6	1	02MAR10	09MAR10	04FEB10	-23		0.00	27,211.20	-23							EM/TB =48hr ; EM/SM =48hr ; EM/TB =192hr ;
7503-410		Install spacer supports and spacers	2	1	10MAR10	11MAR10	08FEB10	-23		0.00	7,706.24	-23							EM/SM =16hr ; EM/TB =64hr ;
7503-412		Move FPA's & spacers together/chk fitup	6	1	12MAR10	19MAR10	16FEB10	-23		0.00	25,847.04	-23							EM/SM =48hr ; EM/TB =192hr ;
7503-412M	2	Move FPA's & spacers together/chk fitup complete	0	1		19MAR10	16FEB10	-23		0.00	0.00	-23							
7503-414		Remove Spacers & Machine spacers to fit	4	1	22MAR10	25MAR10	22FEB10	-23		0.00	5,456.64	-23							EM/TB =64hr ;
7503-415		Re-install spacers	2	1	26MAR10	29MAR10	24FEB10	-23		0.00	7,706.24	-23							EM/SM =16hr ; EM/TB =64hr ;
7503-160		Position all FPA's / Spool Pieces @ MC Interface	6	1	30MAR10	06APR10	04MAR10	-23		0.00	31,956.24	-23							EA/EM =24hr ; EM/TB =192hr ; EM/SM =48hr ; EM/TB =48hr ;
7503-090		Install local Platforms around FPA-1	2	2	07APR10	08APR10	08MAR10	-23		0.00	15,412.48	-23							EM/TB =128hr ; EM/SM =32hr ;
7503-130		Install local Platforms around FPA-2	2	2	09APR10	12APR10	10MAR10	-23		0.00	15,412.48	-23							EM/TB =128hr ; EM/SM =32hr ;
7503-190		Install local Platforms around FPA-3	2	2	13APR10	14APR10	12MAR10	-23		0.00	15,412.48	-23							EM/TB =128hr ; EM/SM =32hr ;
7503-415.5		MC Interface:meas holes/mark bushings f/drilling	3	1	07APR10	09APR10	09MAR10	-23		0.00	11,559.36	-23							EM/SM =24hr ; EM/TB =96hr ;
7503-415.6		drill eccentric custom holes in bushings	3	1	12APR10	14APR10	12MAR10	-23		0.00	20,151.36	-23							EM/SM =24hr ; EM/TB =96hr ; 41=6\$K ;
7503-416		Position Spool pieces and Bolt MC flanges	9	2	15APR10	27APR10	25MAR10	-23		0.00	39,640.85	-23							EM/EM =29hr ; EM/SM =72hr ; EM/TB =288hr ;
7503-417		Retorque all super nuts after 30 days	6	2	27MAY10	04JUN10	03MAY10	-23		0.00	79,281.70	-23							EM/EM =29hr ; EM/SM =72hr ; EM/TB =288hr ;
7503-418		Raise permanent supports to take machine loads	8	2	28APR10	07MAY10	06APR10	-20		0.00	114,363.36	-23							EM/TB =180hr ; EM/EM =72hr ; EM/SM =180hr ; EM/TB =720hr ;
7503-419		Remove temporary assy structure	1	2	10MAY10	10MAY10	07APR10	-20		0.00	11,559.36	-23							EM/SM =24hr ; EM/TB =96hr ;
7503-419.1		Install/Level FPA's and spool piece supports	15	2	11MAY10	01JUN10	28APR10	-20		0.00	159,781.20	-23							EA/EM =120hr ; EM/TB =240hr ; EM/SM =240hr ; EM/TB =960hr ;
7503-419.2		FPA Metrology checks to assure alignment	3	2	07JUN10	09JUN10	06MAY10	-23		0.00	14,729.20	-23							EA/EM =40hr ; EM/TB =40hr ; EM/TB =40hr ;
7503-420		Mate-up and Weld spacers onto vvs	15	2	10JUN10	30JUN10	27MAY10	-23		0.00	171,865.20	-23							EM/TB =180hr ; EM/SM =240hr ; EM/TB =1,440hr ;
7503-422		Weld all six port 4's in place	15	2	01JUL10	22JUL10	18JUN10	-23		0.00	91,810.80	-23							EM/TB =60hr ; EM/SM =180hr ; EM/TB =720hr ;
7503-422.1		Install E-Beam mapping & diag equipt	5	2	23JUL10	29JUL10	25JUN10	-23		0.00	45,376.40	-23							EM/EM =40hr ; EM/SM =80hr ; EM/TB =320hr ;
7503-240		Install Vacuum pumping system	3	2	23JUL10	27JUL10	23JUN10	-21		0.00	19,265.60	-23							EM/SM =40hr ; EM/TB =160hr ;
7503-250	2	Begin Vac Vsl Pumpdown	0	2		29JUL10	25JUN10	-23		0.00	0.00	-23							***** PUMP DOWN OF VACUUM VESSEL DOE LEVEL 2 MILESTONE *****

Activity ID	LESTO	Activity Description	Duration (work days)	SHIFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	Fiscal Year					
													FY08	FY09	FY10	FY11		
7503-260		PTP Pumpdown & leak check VV	8	2	30JUL10	10AUG10	08JUL10	-23		0.00	57,796.80	-23						
7503-424		Install TF alignment & traction ring	4	2	11AUG10	16AUG10	14JUL10	-23		0.00	40,467.27	-23						
7503-426		Pull TF coil radially inward. Verify nose fit up	5	2	17AUG10	23AUG10	21JUL10	-23		0.00	40,467.27	-23						
7503-428		Lock TF coils at four support locations	4	2	24AUG10	27AUG10	27JUL10	-23		0.00	40,467.27	-23						
7503-430		Install MC structure insulation boots port 4's	5	2	30AUG10	03SEP10	03AUG10	-23		0.00	38,531.20	-23						
7503-431		Seal gaps MC shims, cooling tubes, for insul pour	10	2	07SEP10	20SEP10	17AUG10	-23		0.00	77,062.40	-23						
7503-432		Fill MC/VVSA annulus with pourable aerogel insul	1	2	21SEP10	21SEP10	18AUG10	-23		0.00	7,706.24	-23						
7503-433.1		Install LN2 manifolds	5	2	22SEP10	28SEP10	25AUG10	-7		0.00	38,531.20	-23						
7503-434		Instl in-cryostat cabling for elect pwr to coils	8	2	22SEP10	01OCT10	30AUG10	-23		0.00	52,394.60	-23						
7503-436		Connect cabling, and I&C to MC & TF Coils	8	2	04OCT10	13OCT10	10SEP10	-23		0.00	53,947.20	-23						
7503-439		Complete mag diag & machine I&C	5	2	14OCT10	20OCT10	17SEP10	-23		0.00	51,472.00	-23						
7503-438		Align guide mechanism for solenoid installation	1	2	21OCT10	21OCT10	20SEP10	-23		0.00	7,819.94	-23						
7503-444		Install solenoid support structure	1	2	22OCT10	22OCT10	21SEP10	-23		0.00	7,148.43	-23						
7503-440		Install solenoid assembly	1	2	25OCT10	25OCT10	22SEP10	-23		0.00	7,148.43	-23						
7503-442		Connect cabling, LN2 and I&C to solenoid assy	1	2	26OCT10	26OCT10	23SEP10	-23		0.00	3,984.16	-23						
7503-446		Install PF4L	1	2	27OCT10	27OCT10	24SEP10	-23		0.00	3,984.16	-23						
7503-448		Connect cabling, LN2 and I&C to PF4L	1	2	28OCT10	28OCT10	27SEP10	-23		0.00	3,984.16	-23						
7503-450		Adjust spring compression in solenoid sprt struc	1	2	29OCT10	29OCT10	28SEP10	-23		0.00	3,984.16	-23						
7503-451		Raise lower PF 5&6 coils into final position	3	2	01NOV10	03NOV10	01OCT10	-23		0.00	28,811.28	-23						
7503-452		Instl Upper PF 4, 5 & 6	3	2	04NOV10	08NOV10	06OCT10	-23		0.00	28,811.28	-23						
7503-330	2	Begin Cryostat Installation	0	2		08NOV10	06OCT10	-23		0.00	0.00	-23						
7503-454		Install cryostat base, vapor barrier port boots	5	2	09NOV10	15NOV10	13OCT10	-23		0.00	39,841.60	-23						
7503-456		Install elec pwr, LN2, & instr feedthrus	3	2	16NOV10	18NOV10	18OCT10	-23		0.00	19,920.80	-23						
7503-458		Integrated Electrical testing	5	2	19NOV10	29NOV10	25OCT10	-23		0.00	53,997.60	-23						
7503-458M	2	Complete Power System Pre-ops Tests	0	2		29NOV10	25OCT10	-23		0.00	0.00	-23						
7503-460		Instl transition box, cabling, & connect to pwr sup	5	2	30NOV10	06DEC10	01NOV10	11		0.00	39,841.60	-23						
7503-462		LN2 connections from coils to manifolds	5	2	30NOV10	06DEC10	01NOV10	-15		0.00	39,841.60	-23						
7503-464		Connect coil & VV instrumentation	5	2	30NOV10	06DEC10	01NOV10	-23		0.00	39,841.60	-23						
7503-466		Connect 150C bakeout	3	2	07DEC10	09DEC10	04NOV10	-23		0.00	19,920.80	-23						
7503-470		Install cryostat cooling syst & instrumentation	10	2	17DEC10	07JAN11	29NOV10	-23		0.00	159,366.40	-23						
7503-471		Install cryostat upper section, VB & port boots	5	2	10JAN11	14JAN11	06DEC10	-23		0.00	39,841.60	-23						
7503-472		Install midplane cryostat sections & port boots	8	2	17JAN11	26JAN11	16DEC10	-23		0.00	59,762.40	-23						
7503-473		Install cryostat circulation duct	3	2	27JAN11	31JAN11	21DEC10	-23		0.00	19,920.80	-23						
730.8200		PTP and Cool down	3	2	01FEB11	03FEB11	03JAN11	-23		0.00	68,103.20	-23						
730.8200M	2	Cooldown of Machine	0	2		03FEB11	03JAN11	-23		0.00	0.00	-23						

EM//SM =120hr ; EM//TB =480hr ;  
EA//EM =13hr ; EM//TB =67hr ;  
EM//SM =67hr ; EM//TB =267hr ;  
EA//EM =13hr ; EM//TB =67hr ;  
EM//SM =67hr ; EM//TB =267hr ;  
EA//EM =13hr ; EM//TB =67hr ;  
EM//SM =67hr ; EM//TB =267hr ;  
EM//SM =80hr ; EM//TB =320hr ;  
EM//SM =160hr ; EM//TB =640hr ;  
EM//SM =16hr ; EM//TB =64hr ;  
EM//SM =80hr ; EM//TB =320hr ;  
EM//SM =80hr ; EM//TB =480hr ;  
EM//SM =80hr ; EM//TB =480hr ;  
EM//SM =160hr ; EM//TB =320hr ;  
EA//EM =06hr ; EM//TB =12hr ;  
EM//SM =12hr ; EM//TB =43hr ;  
EA//EM =05hr ; EM//TB =10hr ;  
EM//SM =10hr ; EM//TB =43hr ;  
EA//EM =05hr ; EM//TB =10hr ;  
EM//SM =10hr ; EM//TB =43hr ;  
EM//SM =08hr ; EM//TB =32hr ;  
EM//SM =08hr ; EM//TB =32hr ;  
EM//SM =08hr ; EM//TB =32hr ;  
EM//SM =08hr ; EM//TB =32hr ;  
EA//EM =24hr ; EM//SM =48hr ;  
EM//TB =192hr ;  
EA//EM =24hr ; EM//SM =48hr ;  
EM//TB =192hr ;  
\*\*\*\*\*  
BEGIN CRYOSTAT INSTALLATION  
DOE LEVEL 2 MILESTONE  
\*\*\*\*\*  
EM//SM =80hr ; EM//TB =320hr ;  
EM//SM =40hr ; EM//TB =160hr ;  
EM//EM =80hr ; EM//SM =80hr ;  
EM//TB =320hr ;  
EM//SM =80hr ; EM//TB =320hr ;  
EM//SM =80hr ; EM//TB =320hr ;  
EM//SM =80hr ; EM//TB =320hr ;  
EM//SM =40hr ; EM//TB =160hr ;  
EM//SM =320hr ; EM//TB =1,280hr ;  
EM//SM =80hr ; EM//TB =320hr ;  
EM//SM =120hr ; EM//TB =480hr ;  
EM//SM =40hr ; EM//TB =160hr ;  
EM//EM =80hr ; EM//SM =80hr ;  
EM//TB =480hr ;

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY08	FY09	FY10	FY11
<b>76 - Tooling Design &amp; Fabrication</b>																
<b>Job: 7601 - Tooling Design &amp; Fabrication-PERRY</b>																
713.020		Lab Fab/Assy/Installation	348		26JAN09*	15JUN10	15JUN10	154		0.00	31,010.80	0				
713.030		Tooling,assy fixtures,misc equipt	348		26JAN09*	15JUN10	15JUN10	154		0.00	84,863.97	0				
713.040		General procurements	348		26JAN09*	15JUN10	15JUN10	154		0.00	63,647.97	0				
713.050		Welding tools, materials & equipt	348		26JAN09*	15JUN10	15JUN10	154		0.00	113,151.95	0				
713.060		Torque wrenches and multipliers	348		26JAN09*	15JUN10	15JUN10	154		0.00	119,883.90	0				
<b>81 - Project Management and Control</b>																
<b>Job: 8101 - Project Management &amp;Control-ANDERSON</b>																
<b>FY07 Rebaseline Exercise</b>																
ECP53RBX16		FY07 Rebaseline exercise	0*		01MAY07A	29JUN07A	31MAY07		LOE	4,435.40	4,435.40	-21				
810.005		Project Management Office PPPL FY07 (LOE)	106*		01MAY07A	28SEP07	28SEP07	1,249	LOE	224,681.10	273,667.61	0				
810.900		Project Management Office PPPL FY08 (LOE)	250*		01OCT07*	30SEP08	30SEP08	999	LOE	0.00	1,034,172.58	0				
810.901		Project Management Office PPPL FY09 (SA LOE)	249*		01OCT08*	30SEP09	30SEP09	423	LOE	0.00	1,157,648.04	0				
810.909		Project Management Office PPPL FY10 (LOE)	248		01OCT09	30SEP10	30SEP10	423	LOE	0.00	1,074,462.05	0				
810.910		Project Management Office PPPL FY11 (LOE)	79*		01OCT10	31JAN11	31JAN11	423	LOE	0.00	299,398.44	0				
<b>Job: 8102 - NCSX MIE Management ORNL-LYON</b>																
810.104X		Project Management Office ORNL FY07(LOE)	106*		01MAY07A	28SEP07	28SEP07	1,249	LOE	49,604.82	60,420.00	0				
810.105X		Project Management Office ORNL FY08 (LOE)	248*		02OCT07*	29SEP08	29SEP08	1,000	LOE	0.00	159,000.00	0				
810.105Z		Project Management Office ORNL FY09 (LOE)	249		02OCT08*	01OCT09	01OCT09	423	LOE	0.00	160,000.00	0				
810.106X		Project Management Office ORNL FY10 (SA LOE)	247		02OCT09	30SEP10	30SEP10	423	LOE	0.00	101,000.00	0				
810.106Z		Project Management Office ORNL FY11 (SA LOE)	79*		01OCT10	31JAN11	31JAN11	423	LOE	0.00	18,960.00	0				
<b>82 - Project Engineering</b>																
<b>Job: 8202 - Engr Mgmt &amp; Sys Eng Support-REIERSEN</b>																
<b>FY07 Rebaseline Exercise</b>																
ECP53RBX19		FY07 Rebaseline exercise	0*		01MAY07A	25JUN07A	25JUN07		LOE	29,619.10	29,619.10	0				
820.04X		Engr Management FY07 (LOE)	103*		01MAY07A	25SEP07	25SEP07	1,252	LOE	121,312.86	143,565.52	0				

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY08 FY09 FY10 FY11			
820.04Y		Engr management (SA LOE)	827*		01OCT07*	01FEB11	01FEB11	422	LOE	0.00	531,578.18	0	heitz			
820.04Z		RLM (WBS 13,15,17) (SA LOE)	106*		01MAY07A	28SEP07	28SEP07	1,249	LOE	16,592.97	20,210.68	0	reiersen=15% loe			
820.0004Z		RLM (WBS 13,15,17) (SA LOE)	747*		01OCT07*	30SEP10	30SEP10	502	LOE	0.00	114,466.70	0	heitz			
820.004Z		Reqmnts mgt & design verification	106*		01MAY07A	28SEP07	28SEP07	1,249	LOE	11,443.43	13,938.40	0	reiersen=80 hours			
820.00004Z		Reqmnts mgt & design verification	827*		01OCT07*	01FEB11	01FEB11	422	LOE	0.00	148,448.71	0	reier			
820.004Y		RLM (WBS 2,3 & 6) (SA LOE)	747*		01OCT07*	30SEP10	30SEP10	502	LOE	0.00	148,616.69	0	Dudek=15%			
820.004X		RLM (fabrication) (SA LOE)	933*		01MAY07A	01FEB11	01FEB11	422	LOE	68,741.21	739,152.77	0	Dude			
820.005		RLM (WBS 4 & 5) (SA LOE)	826*		02OCT07*	01FEB11	01FEB11	422	LOE	0.00	178,479.64	0	vonh			
8205FY07		Systems Engineering Support document control	933*		01MAY07A	01FEB11	01FEB11	422	LOE	15,073.40	162,079.56	0	simm			
8205FY08		Systems Engineering Support (SA LOE)	933*		01MAY07A	01FEB11	01FEB11	422	LOE	26,420.03	284,086.30	0	simm such			
<b>Job: 8203 - Design Integration-BROWN</b>																
8203FY07		Design Integration ,& metro support	933*		01MAY07A	01FEB11	01FEB11	422	LOE	91,199.73	980,642.23	0	brow			
8203FY08		CAD Support (SA LOE)	933*		01MAY07A	01FEB11	01FEB11	422	LOE	39,708.66	426,974.76	0	Morr Brow			
<b>Job: 8204 - Systems Analysis-BROOKS</b>																
8204FY07		Systems Analysis FY07 Analysis for structure dsn	106*		01MAY07A	28SEP07	28SEP07	1,249	LOE	45,773.71	55,753.60	0	fan=320hrs			
8204FY08		Systems Analysis, studies and tech assurance	932*		01MAY07A	31JAN11	31JAN11	423	LOE	102,136.54	1,098,242.39	0	Broo Fan EA/E			
<b>Job: 8205 - Dimensional Control Coordin-ELLIS</b>																
METFY07R1	3	Dimensional control plans for station 2	79*		01JUN07A	21SEP07	31AUG07	-8	90	75,267.36	83,630.40	-14	EA//EM =480hr ;			
METDCP-3	3	Dimensional control plans for station 3	30		24SEP07	02NOV07	15OCT07	42		0.00	29,414.13	-14	EA//EM =160hr ;			
METDCP-5	3	Dimensional control plans for station 5	80		05NOV07	06MAR08	15FEB08	97		0.00	59,443.20	-14	EA//EM =320hr ;			
METDCP-6	3	Dimensional control plans for station 6	80		07MAR08	27JUN08	09JUN08	97		0.00	89,164.80	-14	EA//EM =480hr ;			
METFY08R		Support FPA Station 2	317*		26NOV07	11MAR09	19FEB09	-10	LOE	0.00	90,047.80	-14	ellis =240 hr ea//em=240hrs			
METFY08RX		Support FPA Station 3	341*		03MAR08	10JUL09	08JUN09	-23	LOE	0.00	90,637.74	-23	ellis =240 hr ea//em=240hr			
METFY09		Support FPA Station 5	260*		04DEC08	18DEC09	13NOV09	-23	LOE	0.00	61,627.20	-23	ellis =160hr ea//em=160hr			
METFY10		Support Final Machine Assy	505*		26JAN09	03FEB11	03JAN11	-23	LOE	0.00	94,343.38	-23	ellis =240 hr ea//em=240hr			
<b>Job: 8210 - FY07 Rebaseling tasks</b>																
<b>FY07 Rebaseline Exercise</b>																
ECP53RBX23		FY07 Rebaseline exercise	40		01MAY07A	26JUN07A	26JUN07		LOE	9,049.20	9,049.20	0	EM//EM =60hr ;			
ECP53RBX25		FY07 Rebaseline exercise	0*		01MAY07A	31MAY07A	31MAY07		LOE	9,765.00	9,765.00	0				
<b>Job: 8215 Plant Design</b>																
<b>FY07 Rebaseline Exercise</b>																
8210-07		Update plant model	19*		04SEP07*	28SEP07	28SEP07	1,249		0.00	15,029.60	0	EM//EM =40hr ; EA//SB =80hr ;			
8210-08		Plant Design FY08	826		01OCT07*	31JAN11	31JAN11	423	LOE	0.00	105,719.02	0	EM//EM//			

Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY			
													FY08	FY09	FY10	FY11
<b>85 - Integrated Systems Testing</b>																
<b>Job: 8501 - Integrated Systems Testing-GENTILE</b>																
<b>Startup Documentation</b>																
8501-105		ESHD-5008 Environ, Safety, and Health Manual	0		01MAY07A	01MAY07A	01MAY07A			0.00	0.00	0				
8501-109		ESH-014 NEPA Review System	0		01MAY07A	01MAY07A	01MAY07A			0.00	0.00	0				
8501-113		ESH-016 Cntrl Haz Energy Sources Lockout Tagout	0		01MAY07A	01MAY07A	01MAY07A			0.00	0.00	0				
8501-117		ENG-030 PPPL Tech Procd for Exper Facilities	0		01MAY07A	01MAY07A	01MAY07A			0.00	0.00	0				
8501-121		ENG-032 PPPL Work Planning Procedure	0		01MAY07A	01MAY07A	01MAY07A			0.00	0.00	0				
8501-125		ENG-033 PPPL Engineering Design Verification	0		01MAY07A	01MAY07A	01MAY07A			0.00	0.00	0				
8501-101		SAD NCSX Safety Assessment Document (SAD)	45		03NOV08*	15JAN09	15JAN09	185		0.00	48,236.80	0		EM//EM =160hr ; EM//SM =160hr ;		
8501-129		NCSX-XX, Administrative Control of Procedures	30		24NOV08	15JAN09	15JAN09	184		0.00	24,118.40	0		EM//EM =80hr ; EM//SM =80hr ;		
8501-133		OP-AD-39, Conduct of Operations	10		16JAN09	29JAN09	29JAN09	184		0.00	6,029.60	0		EM//EM =20hr ; EM//SM =20hr ;		
8501-137		OP-AD-56, Cntrl Equip & Syst Status (chain of c	10		23JAN09	05FEB09	05FEB09	184		0.00	6,029.60	0		EM//EM =20hr ; EM//SM =20hr ;		
8501-141		OP-AD-24, Cntrl Workplace Cleanliness D-Site Exp	10		30JAN09	12FEB09	12FEB09	184		0.00	6,029.60	0		EM//EM =20hr ; EM//SM =20hr ;		
8501-145		OP-AD-31, D- Site Fire Watch Requirements	10		06FEB09	19FEB09	19FEB09	184		0.00	6,029.60	0		EM//EM =20hr ; EM//SM =20hr ;		
8501-149		OP-AD-03, Experimental Proposals for NCSX	10		13FEB09	26FEB09	26FEB09	184		0.00	6,029.60	0		EM//EM =20hr ; EM//SM =20hr ;		
8501-153		OP-AD-117 Operation of the NCSX Access System	10		20FEB09	05MAR09	05MAR09	184		0.00	6,029.60	0		EM//EM =20hr ; EM//SM =20hr ;		
8501-157		NCSX-OP-XX, Prep of Exper Areas for Machine Ops	30		27FEB09	09APR09	09APR09	184		0.00	18,088.80	0		EM//EM =60hr ; EM//SM =60hr ;		
8501-161		NCSX-OP-XX, Operation of the NCSX TVPS	30		20MAR09	30APR09	30APR09	184		0.00	18,088.80	0		EM//EM =60hr ; EM//SM =60hr ;		
8501-165		NCSX-OP-XX, Testing NCSX HIS Safe for Access	30		10APR09	21MAY09	21MAY09	184		0.00	18,088.80	0		EM//EM =60hr ; EM//SM =60hr ;		
8501-169		NCSX-OP-XX, Testing the NCSX Emergency Stop Syst	30		01MAY09	12JUN09	12JUN09	184		0.00	18,088.80	0		EM//EM =60hr ; EM//SM =60hr ;		
8501-173		NCSX-OP-XX, NCSX Training Matrix	30		22MAY09	06JUL09	06JUL09	184		0.00	18,088.80	0		EM//EM =60hr ; EM//SM =60hr ;		
8501-177		NCSX-OP-XX, NCSX Ops Guide -Startup and Shutdown	30		15JUN09	27JUL09	27JUL09	184		0.00	18,088.80	0		EM//EM =60hr ; EM//SM =60hr ;		
8501-181		NCSX-OP-XX, HPP Daily Operations	20		14JUL09	10AUG09	10AUG09	184		0.00	12,059.20	0		EM//EM =40hr ; EM//SM =40hr ;		
8501-185		NCSX-OP-XX, ACP & PDP Trip Control Settings	20		28JUL09	24AUG09	24AUG09	184		0.00	12,059.20	0		EM//EM =40hr ; EM//SM =40hr ;		
8501-189		NCSX-OP-G-XX Preparation for NCSX pumpdown	30		11AUG09	22SEP09	22SEP09	184		0.00	18,088.80	0		EM//EM =60hr ; EM//SM =60hr ;		
8501-193		NCSX-OP-XX Helium H/C System Operations Procedur	30		01SEP09	13OCT09	13OCT09	184		0.00	18,273.30	0		EM//EM =60hr ; EM//SM =60hr ;		
8501-197		NCSX-OP-G-XX Daily Hi-Pot Test Vacuum Vessel	30		23SEP09	03NOV09	03NOV09	184		0.00	18,580.80	0		EM//EM =60hr ; EM//SM =60hr ;		
8501-201		ISTP-NCSX-01 Coil EnergizationTests	40		14OCT09	10DEC09	10DEC09	184		0.00	24,938.40	0		EM//EM =80hr ; EM//SM =80hr ;		
8501-205		OP-ECS-245 FCPC Daily Startup/Shutdown Procedure	20		25NOV09	05JAN10	05JAN10	184		0.00	12,469.20	0		EM//EM =40hr ; EM//SM =40hr ;		
8501-209		NCSX-XX Leak Checking of NCSX	20		11DEC09	19JAN10	19JAN10	184		0.00	12,469.20	0		EM//EM =40hr ; EM//SM =40hr ;		
920.000		Startup Personnel	76	1	01OCT10	26JAN11	26JAN11	426		0.00	418,829.00	0		EM//EM =340hr ; EA//EM =100hr ; EM//SB =680 ; EM//TB =300hr ; EE//EM =300hr ; EE//SM =300hr ; EC//EM =300hr ; R//RM2 =400hr ;		
8501-102		Punch list & CSIS & HIS PTP's complete,	5	1	01OCT10*	07OCT10	07OCT10	5		0.00	0.00	0				
8501-103		PTP's complete for ECS,HCS,vac pmpg	5	1	08OCT10	14OCT10	14OCT10	5		0.00	0.00	0				
8501-104		ACC review and ORA	5	1	15OCT10	21OCT10	21OCT10	5		0.00	0.00	0				
730.1250	2	PSO Operational Readiness Assessment	0	1		21OCT10	21OCT10	5		0.00	0.00	0		***** COMPLETE OPERATIONAL READINESS ASSESSMENT DOE LEVEL 2 MILESTONE *****		
8501-301		Configure for Startup ISTP	5	1	30NOV10	06DEC10	01NOV10	-20		0.00	0.00	-23				
8501-304	2	Begin Start-up Testing	0	1		09DEC10	04NOV10	-23		0.00	0.00	-23				



Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY08	FY09	FY10	FY11
8501-305		Coil Testing at room temp	5	1	10DEC10	16DEC10	11NOV10	-23		0.00	0.00	-23				
8501-106		Coil testing @ cryo temp, Pump-down VV	5	1	04FEB11	10FEB11	10JAN11	-23		0.00	0.00	-23				
8501-107		Combined field testing, Make 1st Plasma	5	1	11FEB11	17FEB11	17JAN11	-23		0.00	0.00	-23				
8501-108		Vent VV, Config for & instl e-beam mapping	5	1	18FEB11	24FEB11	24JAN11	-23		0.00	0.00	-23				
8501-306		E-beam mapping	5	1	25FEB11	03MAR11	31JAN11	-23		0.00	0.00	-23				
8501-110	1	NCSX Startup Complete	0	1		03MAR11	31JAN11	-23		0.00	0.00	-23				
730.9000	1	CD-4	0	1		23DEC11*	23DEC11*	0		0.00	0.00	0				

**99 - PPPL Allocations**

Job: 8998 - Allocations-STRYKOWSKY

Activity ID	Description	LOE	Duration	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY08	FY09	FY10	FY11
99.07	PPPL Allocations FY07	LOE	106*		01MAY07A	28SEP07	28SEP07	1,249	LOE	118,257.58	144,040.90	0				
99.08	PPPL Allocations FY08	LOE	249*		01OCT07*	29SEP08	29SEP08	1,000	LOE	0.00	384,384.00	0				
99.081	PPPL Allocations FY09	LOE	247*		01OCT08*	28SEP09	28SEP09	752	LOE	0.00	406,232.00	0				
99.09	PPPL Allocations FY10	SA LOE	248*		01OCT09*	30SEP10	30SEP10	502	LOE	0.00	430,800.00	0				
99.10	PPPL Allocations FY10		80*		01OCT10*	01FEB11	01FEB11	422	LOE	0.00	88,320.00	0				

**Contingency**

Contingency-Project

Activity ID	Description	Duration	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY08	FY09	FY10	FY11	
C07	Contingency FY07		19		01OCT07*	25OCT07	25OCT07	1,230		0.00	704,700.00	0				
C07EVERSON	Balance of everson encumbrance fy07 (BA)		19*		04SEP07*	28SEP07	28SEP07	1,249		0.00	144,000.00	0				
C08	Contingency FY08		249*		01OCT07*	29SEP08	29SEP08	1,000		0.00	1,500,000.00	0				
C09	Contingency FY09		247*		01OCT08*	28SEP09	28SEP09	752		0.00	3,494,000.00	0				
C10	Contingency FY10		246*		01OCT09*	28SEP10	28SEP10	504		0.00	3,837,300.00	0				
C11	Contingency FY11		248*		01OCT10*	28SEP11	28SEP11	254		0.00	2,300,000.00	0				

**Actual Cost**

Actual Cost

Activity ID	Description	Duration	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY08	FY09	FY10	FY11	
COST FY03	FY03 Cost		197		01APR03A	30SEP03A	30SEP03A			5,941,920.00	5,941,920.00	0				
COST FY04	FY04 Cost		197		01OCT03A	30SEP04A	30SEP04A			4,314,350.00	4,314,350.00	0				
COST FY05	FY05 Cost		197		01OCT04A	30SEP05A	30SEP05A			3,131,610.00	3,131,610.00	0				
COST FY06	FY06 Cost		197		01OCT05A	29SEP06A	29SEP06A			9,072,810.00	9,072,810.00	0				
COSTFY0306	FY07 Oct through April 30		197		01OCT06A	30APR07A	30APR07A			9,845,060.00	9,845,060.00	0				
COSTFY0307	FY07 retroactive site rate adjustment (49%to46%)		197		02JUL07A	31JUL07A	31JUL07A			-127,340.00	-127,340.00	0				

**BA Funding Profile**

Funding

Funding'

Activity ID	Description	Duration	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Slip (work days)	FY08	FY09	FY10	FY11	
F07	MIE Funding FY07		19*		04SEP07*	28SEP07	28SEP07	1,249		0.00	6,771,000.00	0				
F08	MIE Funding FY08		249*		01OCT07*	29SEP08	29SEP08	1,000		0.00	5,900,000.00	0				
F09	MIE Funding FY09		247*		01OCT08*	28SEP09	28SEP09	752		0.00	3,560,000.00	0				