

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 Variance	FY08			FY09			FY10		
cc 9450 - NCSX Fabrication (MIE)																					
Phil Heitzenroeder																					
13 - Conventional Coils																					
Job: 1361 - TF Fabrication-KALISH																					
TF Title III and Fabrication Oversight																					
131-033		Title III engr	348*		01MAY07A	18SEP08	18SEP08	332	LOE	71,289.68	212,758.02	0	EA/EM =1060hr ; 35=05\$K ; 41=8 em/tb=68								
TF Fabrication Contract																					
1361C-101		Fab, Test & Deliver Coil #1	51*		01JUN07A	13AUG07	20JUL07	340	95	25,849.50	27,210.00	-16	48=27 ;								
1361C-102		Fab, Test & Deliver Coil #2	61*		01JUN07A	27AUG07	03AUG07	375	80	34,872.00	43,590.00	-16	48=44 ;								
1361C-103		Fab, Test & Deliver Coil #3	44*		02JUL07A	31AUG07	31AUG07	379	31	14,635.10	47,210.00	0	48=47 ;								
1361C-104		Fab, Test & Deliver Coil #4	1		28SEP07*	28SEP07	28SEP07	360		0.00	47,210.00	0	48=47 ;								
1361C-104M	2	** DELIVER TF COILS FOR FPA #1 ASSY **	0			28SEP07	28SEP07	360		0.00	0.00	0	***** LEVEL II MILESTONE DATE DECEMBER 2007 *****								
1361C-105		Fab, Test & Deliver Coil #5	1		26OCT07*	26OCT07	26OCT07	422		0.00	47,210.00	0	48=47 ;								
1361C-106	3	Fab, Test & Deliver Coil #6	1		23NOV07*	23NOV07	23NOV07	402		0.00	47,210.00	0	48=47 ;								
1361C-107		Fab, Test & Deliver Coil #7	1		21DEC07*	21DEC07	21DEC07	393		0.00	47,210.00	0	48=47 ;								
1361C-108		Fab, Test & Deliver Coil #8	1		18JAN08*	18JAN08	18JAN08	380		0.00	47,210.00	0	48=47 ;								
1361C-109		Fab, Test & Deliver Coil #9	1		12FEB08*	12FEB08	12FEB08	374		0.00	47,210.00	0	48=47 ;								
1361C-110		Fab, Test & Deliver Coil #10	1		06MAR08*	06MAR08	06MAR08	357		0.00	47,210.00	0	48=47 ;								
1361C-111		Fab, Test & Deliver Coil #11	1		31MAR08*	31MAR08	31MAR08	348		0.00	47,210.00	0	48=47 ;								
1361C-112		Fab, Test & Deliver Coil #12	1		23APR08*	23APR08	23APR08	331		0.00	47,210.00	0	48=47 ;								
1361C-113		Fab, Test & Deliver Coil #13	1		16MAY08*	16MAY08	16MAY08	418		0.00	47,210.00	0	48=47 ;								
1361C-114		Fab, Test & Deliver Coil #14	1		10JUN08*	10JUN08	10JUN08	402		0.00	47,210.00	0	48=47 ;								
1361C-115		Fab, Test & Deliver Coil #15	1		03JUL08*	03JUL08	03JUL08	385		0.00	47,220.00	0	48=47 ;								
1361C-116		Fab, Test & Deliver Coil #16	1		28JUL08*	28JUL08	28JUL08	369		0.00	47,220.00	0	48=47 ;								
1361C-117		Fab, Test & Deliver Coil #17	1		20AUG08*	20AUG08	20AUG08	352		0.00	47,220.00	0	48=47 ;								
1361C-118		Fab, Test & Deliver Coil #18	1		12SEP08*	12SEP08	12SEP08	336		0.00	47,220.00	0	48=47 ;								
1351-195X	3	ALL TF COILS DELIVERED	0			18SEP08	18SEP08	332		0.00	0.00	0	▼								
FY07 Rebaseline Exercise																					
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									
Job: 1302 - PF Design -KALISH																					
FY07 Rebaseline Exercise																					
ECP53RBX02		FY07 Rebaseline exercise	22*		01MAY07A	31MAY07A	31MAY07A			4,529.98	4,529.98	0									

Run Date 08AUG07 14:27



0707

NCSX Project
July Status
against proposed baseline

Sheet 1 of 48

Sorted by RLM , 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 Variance	FY08												FY09												FY10											
1302-200		Complete PF Coil SRD	4		01AUG07*	06AUG07	28AUG07	87		0.00	4,181.52	16	EA/EM =24hr ;																																			
1302-205		Update PF Analysis	25		07AUG07	11SEP07	24OCT07	98		0.00	27,876.80	31	EA/EM =160hr ;																																			
1302-210		Update PF Coil SDD	40		12SEP07	06NOV07	21DEC07	98		0.00	4,368.31	31	EA/EM =24hr ;																																			
1302-211		Complete PF4 PDR Model	33		07AUG07	21SEP07	26SEP07	87		0.00	13,938.40	3	EA/EM =00hr ; EA/DM =80 ;																																			
1302-212		Complete PF5 PDR Model	33		07AUG07	21SEP07	24OCT07	87		0.00	13,938.40	23	EA/EM =00hr ; EA/DM =80 ;																																			
1302-213		Complete PF6 PDR Model	33		07AUG07	21SEP07	21NOV07	87		0.00	13,938.40	43	EA/EM =00hr ; EA/DM =80 ;																																			
1302-251		PDR Level Design Support Support	15		07AUG07	27AUG07	23NOV07	114		0.00	10,453.80	63	EA/EM =60hr ;																																			
1302-220		Prepare for PDR	9		24SEP07	04OCT07	07DEC07	87		0.00	15,783.19	44	EA/EM =52hr ; EA/DM =36 ;																																			
1302-225		PF Coil PDR	1		05OCT07	05OCT07	11DEC07	87		0.00	2,972.16	45	EA/EM =16hr ;																																			
1302-225M	2	PF Coil PDR	0			05OCT07	11DEC07	87		0.00	0.00	45	EA/EM =16hr ;																																			
1302-240		Disposition PDR Chits	6		08OCT07	15OCT07	17JAN08	98		0.00	4,458.24	59	EA/EM =24hr ;																																			
1302-214		Prepare,Review & Approve conductor spec	16		16OCT07	06NOV07	29JAN08	98		0.00	2,972.16	51	EA/EM =16hr ; EA/SB =00hr ;																																			
1302-216		Prepare,Review & Approve coil spec	16		16OCT07	06NOV07	26FEB08	103		0.00	8,916.48	71	EA/EM =48hr ; EA/SB =00hr ;																																			
1302-235		Detail Drawings PF4	30		08OCT07	16NOV07	17JAN08	87		0.00	14,860.80	35	EA/DM =80 ;																																			
1302-245		Detail Drawings PF5	30		08OCT07	16NOV07	14FEB08	90		0.00	14,860.80	55	EA/DM =80 ;																																			
1302-260		Detail Drawings PF6	30		08OCT07	16NOV07	13MAR08	90		0.00	14,860.80	75	EA/DM =80 ;																																			
1302-250		Analysis Support	33		08OCT07	21NOV07	13MAR08	87		0.00	13,003.20	72	EA/EM =70hr ;																																			
1302-217		Drawing Support	33		08OCT07	21NOV07	13MAR08	87		0.00	11,145.60	72	EA/EM =60hr ; EA/SB =00hr ;																																			
1302-218		PF Stress Analysis with leads	21		11SEP07*	09OCT07	31JAN08	118		0.00	21,368.80	73	EA/EM =120hr ; EA/SB =00hr ;																																			
1302-265		Prepare for FDR	5		22NOV07	28NOV07	20MAR08	87		0.00	16,346.88	72	EA/EM =52hr ; EA/DM =36 ;																																			
1302-270	3	PF FDR	2		03DEC07	04DEC07	24MAR08	87		0.00	2,972.16	72	EA/EM =16hr ;																																			
1302-275		Resolve Chits	20		05DEC07	10JAN08	21APR08	182		0.00	14,860.80	72	EA/EM =80hr ;																																			
Job: 1352 - PF Coil Procurement-KALISH																																																
PF Coil Fabrication																																																
141-035		Bid & Award PF Coil Fabrication	45		05DEC07	14FEB08	27MAY08	87		0.00	35,811.60	72	EA/EM =160hr ; 35=05\$K ;																																			
141-036	2	PF Coils Awarded	0			14FEB08	27MAY08	87		0.00	0.00	72	EA/EM =160hr ; 35=05\$K ;																																			
141-037		Bid & Award Conductor	25		28MAR08	01MAY08	27MAY08	102		0.00	8,916.48	17	EA/EM =48hr ;																																			
141-038	3	PF Conductor Awarded	0			01MAY08*	27MAY08*	102		0.00	0.00	17	EA/EM =48hr ;																																			
141-038.1		PF Conductor Delivery	65		02MAY08	04AUG08	27AUG08	102		0.00	149,635.20	17	EA/EM =114.4\$K ;																																			
141-039		Bid & Award Materials	25		27JUN08	01AUG08	01AUG08	58		0.00	8,916.48	0	EA/EM =48hr ;																																			
141-040		PF Materials Awarded	0			01AUG08*	01AUG08*	58		0.00	0.00	0	EA/EM =48hr ;																																			
1352-100		Materials Delivery PF 4,5,6	45		04AUG08	06OCT08	06OCT08	58		0.00	178,529.66	0	EA/EM =41=136\$K ;																																			
1352-121		Design/Fab Tooling for PF 5	80		15FEB08	06JUN08	18SEP08	87		0.00	280,747.50	72	EA/EM =273.9\$K ;																																			
1352-122		Design/Fab Tooling for PF 6	80		28JUL08*	17NOV08	17NOV08	18		0.00	331,639.61	0	EA/EM =48=320.1\$K ;																																			
1352-120		Tooling for PF 4	55		25JUL08*	10OCT08	10OCT08	54		0.00	74,072.29	0	EA/EM =48=72\$K ;																																			
1352-150		Fabricate/Divr PF 4 lower	35		13OCT08	02DEC08	02DEC08	54		0.00	21,125.10	0	EA/EM =48=20.1 ;																																			
1352-151		Fabricate/Divr PF 4 upper	45		03DEC08	12FEB09	12FEB09	405		0.00	21,125.10	0	EA/EM =48=20.1 ;																																			
1352-165		Fabricate/Divr PF 5 Lower	45		09JUN08	11AUG08	20NOV08	87		0.00	72,313.75	72	EA/EM =48=70.55 ;																																			
1352-145		Fabricate/Divr PF 6 Lower	45		18NOV08	30JAN09	04FEB09	18		0.00	86,654.95	3	EA/EM =48=82.45 ;																																			
1352-166		Fabricate/Divr PF 5 Upper	35		02FEB09	20MAR09	25MAR09	344		0.00	74,148.05	3	EA/EM =48=70.55 ;																																			
1352-146		Fabricate/Divr PF 6 Upper	35		23MAR09	08MAY09	13MAY09	344		0.00	86,654.95	3	EA/EM =48=82.45 ;																																			

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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		12AUG08	18AUG08	01DEC08	132		0.00	3,459.80	72									
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									
Job: 1353 - CS Structure Procurement-DAHLGREN																					
CS Support Structure																					
1353-001		Design PF1a upper to lower interconnect bus	12		07MAR08*	24MAR08	01JUN09	30		0.00	11,991.00	297									
1353-002		Engr & analysis of bus	14		25MAR08	11APR08	29JUN09	30		0.00	14,860.80	303									
1353-003		Bid & Award PF1a bus	45		30JUN09*	01SEP09	01SEP09	101		0.00	0.00	0									
1353-004		Award PF1a bus	0			01SEP09	01SEP09*	101		0.00	0.00	0									
1353-005		Fab & Deliver PF1a bus	130		02SEP09	17MAR10	17MAR10	101		0.00	48,162.54	0									
163-035		Bid & Award CS Support Struct	45		30JUN09	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 sprt struc	175*		30JUN09	17MAR10	17MAR10	101	LOE	0.00	13,670.70	0									
Job: 1354 - Trim Coil Design & Procurement-KALISH																					
Trim Coils																					
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		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									
Job: 1355 - WBS 13 I&C Proc and Coil Assy-KALISH																					
TF/PF Loacl I&C																					
1355-101		Design, and Review	60		01FEB08*	24APR08	24APR08	86		0.00	11,145.60	0									
1355-103		Prepare Installation Procedures	20		25APR08	22MAY08	22MAY08	86		0.00	3,715.20	0									
1355-105		FDR	1		23MAY08	23MAY08	23MAY08	86		0.00	1,486.08	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 Variance	FY08												FY09												FY10													
1355-107		Prep req,bid,award T/C and wire	20		27MAY08	23JUN08	23JUN08	86		0.00	2,229.12	0	ea/em=12																																					
1355-109		Deliver of T/C and wire	40		24JUN08	19AUG08	19AUG08	86		0.00	13,080.00	0	41=10\$;																																					
1355-111		Installation on PF4,5,6 Coils upon delivery	20		12JAN09	06FEB09	11FEB09	18		0.00	9,745.80	3	EA/EM =10hr ; EM/TB =95hr ;																																					
1355-112		Installation on TF Coils upon delivery	45		01OCT08*	04DEC08	04DEC08	57		0.00	29,046.19	0	EA/EM =29hr ; EM/TB =285hr ;																																					
1355-113		Installation on PF1a Coils upon delivery	3		15MAR10	17MAR10	17MAR10	101		0.00	1,561.87	0	EA/EM =1hr ; EM/TB =16hr ;																																					
14 - Modular Coils																																																		
Job: 1404 - MCWF R&D 1st Prod Casting**CLOSED**																																																		
99.07Z		Retroactive MHX exclusion	22*		01MAY07A	31MAY07A	31MAY07A			-35,940.00	-35,940.00	0																																						
Job: 1416 - Mod Coil Type AB Fnl Dsn-WILLIAMSON																																																		
Clamp hardware modifications																																																		
1416-204.1		Modify Type-B clamps for stud attachment	42*		01JUN07A	31JUL07A	13JUL07		100	7,786.00	7,786.00	-12	ORNLEM =50hr ;																																					
Blanket thermal insulation																																																		
1416-304		Revise assembly models/drawings	5		01JUN07A	07JUL07A	07JUN07		100	9,343.20	9,343.20	-20	ORNLEM =60hr ;																																					
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	ornlem=40; ea/em=8																																					
Top level assy models/drawings																																																		
1416-503		2Complete models/drawings of power cable connect	80		01JUL07A	21NOV07	21NOV07	79	20	3,791.82	18,959.10	0	ORNLEM =120hr ;																																					
1416-504		80Complete models/drawings of protective covers	80		01JUL07A	21NOV07	21NOV07	79	20	3,791.82	18,959.10	0	ORNLEM =120hr ;																																					
1416-507		100Update, review and approve coil asm spec	21		02JUL07A	31JUL07A	28NOV07		100	12,457.60	12,457.60	85	ORNLEM =80hr ;																																					
1416-508		Complete drawing rev to leads, terminal asm (ECN	86*		01MAY07A	30AUG07	30MAY07	137	90	11,211.84	12,457.60	-65	ORNLEM =80hr ;																																					
1416-506	3	Check and promote top-level models/drawings	101*		01JUL07A	21NOV07	21NOV07	79	90	11,375.46	12,639.40	0	ORNLEM =80hr ;																																					
1416-509		MC Assy FDR	0			26JUL07A			100	0.00	0.00	0	ORNLEM =80hr ;																																					
Analysis and closeout documentation																																																		
1416-601	3	Prepare EM and structural analysis of leads	27		01OCT07*	06NOV07	06NOV07	65		0.00	110,106.72	0	EA/EM =192hr ; ORNL41=60k (myatt) ornlem=80																																					
1416-602		Design memo KF structural analysis	126*		01JUN07A	27NOV07	27NOV07	65	90	13,591.54	15,101.71	0	ORNLEM =96hr ;																																					
1416-603		Update, review and approve FMECA	5		28NOV07	06DEC07	06DEC07	65		0.00	9,705.60	0	ORNLEM =60hr ;																																					
1416-604		Finalize draft documents - materials, eddy curre	5		07DEC07	13DEC07	13DEC07	65		0.00	6,470.40	0	ORNLEM =40hr ;																																					
1416-605	3	Prepare Type-ABC closeout FDR	15		14DEC07	14JAN08	14JAN08	65		0.00	11,646.72	0	ORNLEM =72hr ;																																					
1416-606		Resolve FDR comments	15		15JAN08	04FEB08	04FEB08	65		0.00	11,646.72	0	ORNLEM =72hr ;																																					
Type C Design Closeout																																																		
1403-47C		Perform cool-down/warmup analysis	26		01OCT07*	05NOV07	05NOV07	445		0.00	7,430.40	0	EA/EM =40hr ;																																					
Job: 1411 - MCWF Fabr. S005242-HEITZENROEDER																																																		
99.09W		Retroactive mhx exclusion adjustment	213		01JUL07A	31JUL07A	31AUG07A		0	-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																																						

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 Variance	FY08												FY09												FY10											
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																																				
Job: 1421 - Mod Coil Interface Design-WILLIAMSON																																																
Outboard Interface																																																
IH4-020		Prepare outboard shim dwgs and release	45		01MAY07A	25JUN07A	03JUL07		100	9,343.20	9,343.20	6	ORNLem=60hr ;																																			
INTRF-045	3	FDR prep outboard shims	10		25JUN07A	29JUN07A	18JUL07		100	6,228.80	6,228.80	12	ornlem=40																																			
INTRF-046		FDR outboard shims	0			29JUN07A	18JUL07		100	0.00	0.00	12																																				
INTRF-047		Resolve chit's and issue outboard shim drawings	27*		01AUG07	07SEP07	26JUL07	16	50	4,671.60	9,343.20	-30	ornlem=60																																			
INTRF-048		FDR Bolted Joint	0			31JUL07A			100	0.00	0.00	0																																				
Outboard Interface-Bolted Joint Tests-Tension																																																
1421-3067		Procure 2 studs f/joint test.Use existing part	11*		01AUG07	15AUG07	26JUL07	2		0.00	6,089.76	-14	EM/EM =08hr ; 41=01Sk ; EM/TB =48hr ;																																			
1421-3075		Setup test fixture &perform JHA & pre-job brief	2		16AUG07*	17AUG07	30JUL07	12		0.00	2,408.96	-14	EM/EM =08hr ; EM/TB =16hr ;																																			
1421-3077		Meas joint deflect vs preload & loss of preload	3		20AUG07	22AUG07	02AUG07	12		0.00	5,423.28	-14	EM/EM =24hr ; EM/TB =24hr ;																																			
1421-3079		Measure joint deflec & preload v. temp @80K	3		23AUG07	27AUG07	07AUG07	12		0.00	5,423.28	-14	EM/EM =24hr ; EM/TB =24hr ;																																			
1421-3084		Measure joint deflection&preload v. cooldown cyc	3		28AUG07	30AUG07	10AUG07	12		0.00	5,423.28	-14	EM/EM =24hr ; EM/TB =24hr ;																																			
1421-3087		Perform pullout tests for tapped holes	3		31AUG07	05SEP07	15AUG07	12		0.00	5,423.28	-14	EM/EM =24hr ; EM/TB =24hr ;																																			
1421-3081		Meas joint deflect & preload v. time (days) at	20		06SEP07	03OCT07	13SEP07	12		0.00	36,513.52	-14	EM/EM =160hr ; EM/TB =160hr ;																																			
1421-3090		Document&conduct review of test results	2*		04OCT07	05OCT07	20SEP07	12		0.00	6,431.60	-11	EM/EM =40hr ;																																			
Outboard Interface-Bolted Joint Tests-Shear																																																
1421-3112B		Procure/fab parts for test&initial assembly	32*		02JUL07A	15AUG07	25JUL07	2	50	9,396.40	18,792.80	-15	41=10Sk ; em/em=40																																			
1421-3115B		Assemble & test	31		16AUG07	28SEP07	10SEP07	2		0.00	57,345.40	-14	ORNLem =320hr ;EM/TB=100																																			
1421-3119B		Document test results	15		01OCT07	19OCT07	01OCT07	2		0.00	12,940.80	-14	ORNLem =80hr ;																																			
Inboard Interface-AB/BC/AA																																																
IH1-001		Coil to coil scoping analysis	40*		01JUN07A	27JUL07A	27JUL07		100	116,974.40	116,974.40	0	ORNLem =520hr ; ornlm&s=36																																			
1421-3125		Determine geometry&location of high COF shims&pl	66*		01MAY07A	31JUL07A	26JUN07		100	12,457.60	12,457.60	-24	ornlem =80hr ;																																			
1421-3127		Structural analyses to performance rqmts for bol	23*		02JUL07A	31JUL07A	25JUL07		100	37,372.80	37,372.80	-4	ORNLem =240hr ;																																			
1421-3131		10PDR prep for requirements, design,&development	5		02JUL07A	31JUL07A	01AUG07		100	6,228.80	6,228.80	1	ORNLem =40hr ;																																			
1421-3132		PDR to review requirements, design,&development	0			02AUG07A	01AUG07		100	0.00	0.00	-1																																				
INTRF-049		prep winding form mods f/weld clamp boltsDELETED	0		01AUG07	31JUL07	22AUG07	1,291	0	0.00	0.00	16	DELETED hours moved to new task 1421-3146																																			
INTRF-050		Complete Shim fabrication drawings (ORNL)	37*		02JUL07A	22AUG07	22AUG07	3	66	24,666.05	37,372.80	0	ornlem=240																																			
INTRF-051		Release info for procurement of shim material	21*		02JUL07A	31JUL07A	31JUL07		100	3,737.28	3,737.28	0	ornlem=24																																			
1421-3134		Issue interface dwgs for comment	52*		01MAY07A	13JUL07A	15AUG07		100	46,716.00	46,716.00	23	ORNLem =300hr ;																																			
INTRF-040		ANalysis of tensile loads (ORNL)	88*		01MAY07A	04SEP07	15AUG07	0	50	24,915.20	49,830.40	-13	ornlem=320																																			
INTRF-054		FDR prep AB/BC/AA inboard Interface	5*		23AUG07	29AUG07	04SEP07	3	0	0.00	12,065.60	3	em/em=80																																			
1421-3135			5		23AUG07	29AUG07	04SEP07	3		0.00	0.00	3																																				
INTRF-055	2	FDR AB/BC/AA inboard interface	0			04SEP07*	04SEP07	0	0	0.00	0.00	0																																				
1421-3138		Resolve issues, release assembly spec&drawings	5		05SEP07	11SEP07	11SEP07	0		0.00	37,372.80	0	ORNLem =240hr ;																																			

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 Variance	FY08			FY09			FY10			
ECP53RBX09		FY07 Rebaseline exercise	0*		01JUN07A	29JUN07A	31MAY07			LOE	6,969.20	6,969.20	-21	ORNLEM =40hr ;								
Job: 1550 - Coil Struct. Procurement -DAHLGREN																						
1501-244		Procure Spherical Bearings	130		01OCT07*	10APR08		224			0.00	19,620.00	0									
1501-245		Prep Spec,Solicit Bids, and Evaluate Bids	30		01MAY08	12JUN08	16JUN08	30			0.00	0.00	2									
162-036.9	2	Award Coil Support Structure	0			16JUN08*	16JUN08*	28			0.00	0.00	0									
162-037		Fabricate TF/MCWF mounting Components	260		17JUN08	01JUL09	01JUL09	28			0.00	308,255.23	0	41=239.73								
162-037M	2	Fabricate TF/MCWF mounting Components	0			01JUL09	01JUL09	28			0.00	0.00	0									
162-038		Fabricate PF Mounting components	260		17JUN08	01JUL09	01JUL09	28			0.00	268,267.82	0	48=257.06								
162-039		Fabricate Final TF Assy components Components	260		17JUN08	01JUL09	01JUL09	28			0.00	83,133.18	0	48=79.657								
162-040		Fabricate Machine/base support interface	260		17JUN08	01JUL09	01JUL09	28			0.00	92,713.42	0	48=88.84k ;								
162-050		Prep req, bid and award G11/Teflon parts	20		16JUN08*	14JUL08	14JUL08	69			0.00	0.00	0	48=150.42\$K ;								
162-051		Deliver G11/Teflon parts	90		15JUL08	18NOV08	18NOV08	69			0.00	155,701.41	0									
162-052		Prep req, bid and award Inconel hardware	20		16JUN08*	14JUL08	14JUL08	69			0.00	0.00	0									
162-053		Deliver Inconel hardware	90		15JUL08	18NOV08	18NOV08	69			0.00	107,848.23	0	48=104.19\$K ;								
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	41=18.695\$K ;								
162-031		Title III engr WBS 151	260		17JUN08*	01JUL09	01JUL09	813		LOE	0.00	14,151.47	0	EA/EM =75hr ;								
16 - Coil Services																						
Job: 1601 - Coil Services Design-GORANSON																						
FY07 Rebaseline Exercise																						
ECP53RBX08		FY07 Rebaseline exercise	0*		01JUN07A	29JUN07A	31MAY07			LOE	6,228.80	6,228.80	-21	ORNLEM =40hr ;								
161 - LN2 Distribution																						
191-001		Title I design WBS 161 LN2 manifolds&pipng	65		02JAN08*	01APR08	01APR08	99			0.00	84,115.20	0	ORNLEM =520hr ;								
191-002	3	PDR WBS 161 LN2 manifolds&pipng	1		02APR08	02APR08	02APR08	99			0.00	1,294.08	0	ORNLEM =08hr ;								
191-011		Title II design WBS 161 LN2 manifolds&pipng	65		03APR08	03JUL08	03JUL08	99			0.00	84,115.20	0	ORNLEM =520hr ;								
191-012		FDR WBS 161 LN2 manifolds&pipng	1		07JUL08	07JUL08	07JUL08	99			0.00	1,294.08	0	ORNLEM =08hr ;								
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	41=59\$K ; EM/TB =492hr ; EM/EM =123hr ;								
191-031		Title III engr WBS 161	118		08JUL08	23DEC08	23DEC08	941		LOE	0.00	27,796.89	0	ORNLEM =176hr ;em/em=78;em/								
162 - Electrical Leads																						
132-001		Title I design WBS 162 Coil leads	155		02JUN08*	19JAN09	19JAN09	49			0.00	152,991.50	0	ORNLEM =916hr ;								
132-002		PDR WBS 162 Coil leads	1		20JAN09	20JAN09	20JAN09	49			0.00	1,387.28	0	ORNLEM =08hr ;								
132-011		Title II design WBS 162 Coil leads	155		21JAN09	27AUG09	27AUG09	150			0.00	158,843.56	0	ORNLEM =916hr ;								
132-012		FDR WBS 162 Coil leads	1		28AUG09	28AUG09	28AUG09	150			0.00	1,387.28	0	ORNLEM =08hr ;								
132-015		Title III design WBS 162 Coil leads	99		31AUG09	29JAN10	29JAN10	222		LOE	0.00	19,579.88	0	ORNLEM =110hr ;								
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	41=79.744\$K ;								
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	41=07\$K ;								
132-049		Assemble Transition boxes (6)	40		03DEC09	08FEB10	08FEB10	216			0.00	20,462.40	0	EM/TB =240hr ;								

Activity ID	LESTOI	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Variance	FY08			FY09			FY10					
163 - Coil Protection System																								
163.001		Design Coil protection(input to WBS 4 & 5)	65		01OCT08*	12JAN09	12JAN09	80		0.00	38,150.20	0												
17 - Cryostat and Base Support Structure																								
Job: 1702 - Base Support Struct Design-DAHLGREN																								
1702-510																								
		Base support structure prel. design & analysis	37		11DEC07*	08FEB08	23NOV07	38		0.00	74,675.52	-46												
1702-515	3	Conduct PDR	1		11FEB08	11FEB08	26NOV07	38		0.00	743.04	-46												
1702-520		Final design. Assy dwgs, fab dwgs, BOMs,specs/SO	31		12FEB08	25MAR08	01FEB08	38		0.00	74,675.52	-37												
1702-525		Base Support Structure FDR	1		26MAR08	26MAR08	04FEB08	38		0.00	743.04	-37												
1702-525M	2	Base Support Structure FDR	0			26MAR08	04FEB08	38		0.00	0.00	-37												
1702-530		Resolve chits, issue dwgs for fab, Issue requisit	10		27MAR08	09APR08	03MAR08	38		0.00	12,631.68	-27												
Job: 1752 - Base Support Proc-DAHLGREN																								
172 - Base Support Structure																								
161-036.8	3	Bid and award base support materials	25		10APR08	14MAY08	19JUN08	38		0.00	0.00	25												
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		10APR08*	27APR09	19MAR09	859	LOE	0.00	8,302.07	-27												
Job: 1701 - Cryostat Design-GETTLEFINGER																								
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		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		10AUG09	10AUG09	10AUG09	49		0.00	1,324.00	0												
Job: 1751 - Cryostat Procurement-GETTLEFINGER																								
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												
18 - Field Period Assembly																								
Job: 1806 - FP Assembly specs and drawings-COLE																								
1.00-VV Prep Station																								
1803-609	3	Detail dwgs-spool piece	50		22AUG08	31OCT08	31OCT08	288		0.00	17,008.28	0												
Station 2-Modular Coil Sub- Assembly																								
1803-201	3	Station 2 Assembly Specification	50*		01JUL07A	11SEP07	11SEP07	0	40	4,983.04	12,457.60	0												
1803-205	3	50Station 2 Assembly Drawings	65*		11JUN07A	11SEP07	11SEP07	14	25	6,600.00	13,200.00	0												
Station 3-Modular Coil to VVSA Assembly																								
1803-301		202020Station 3 Assembly Specification	98*		02JUL07A	16NOV07	16NOV07	32	20	7,578.10	37,890.51	0												


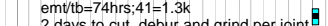
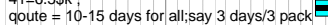












Activity ID	LESTO	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Variance	FY08			FY09			FY10			
1803-305		40Station 3 Assembly Drawings	102*		02JUL07A	22NOV07	22NOV07	28	40	5,307.41	13,268.52	0	ORNLDM =160hr ;									
Station 5-Final Field Period Assembly																						
1803-501		Station 5 Assembly Specification	90		03DEC07*	15APR08	15APR08	92		0.00	32,352.00	0	ORNLDM =200hr ;									
1803-505		Station 5 Assembly Drawings	90		03DEC07*	15APR08	15APR08	92		0.00	20,068.80	0	ORNLDM =240hr ;									
1803-509		Field period Assy Dwgs	90		03DEC07*	15APR08	15APR08	92		0.00	40,137.60	0	ORNLDM =480hr ;									
1803-611		Detail dwgs-welding ports	90		03DEC07*	15APR08	15APR08	92		0.00	20,068.80	0	ORNLDM =240hr ;									
6.00-Final Machine Assembly																						
1803-601		Station 6 Assembly Specification	120		15APR08*	02OCT08	02OCT08	30		0.00	71,259.83	0	ORNLDM =440hr ;									
1803-605		Station 6 Assembly Drawings	120		15APR08*	02OCT08	02OCT08	30		0.00	53,549.76	0	ORNLDM =640hr ;									
1803-605M	2	Station 6 Specification & Assy Drawings Complete	0			02OCT08	02OCT08	30		0.00	0.00	0	ORNLDM =80hr ;									
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	23APR09	23JAN09	861	LOE	0.00	177,699.11	-64	ORNLDM =612;ornldm=92									
19 - Stellarator Core Management and Integration																						
Job: 1901 - Stellarator Core Mngtt&Integr-COLE																						
191 - Stellarator Core Management & Oversight																						
1901-07		WBS 191 FY07	LOE	106*	1	01MAY07A	28SEP07	28SEP07	1,249	LOE	46,737.79	77,380.44	0	cole=.50 fte nelson=.15 fte ; 35=05\$K ;								
1901-08		WBS 191 FY08	LOE	249*	1	01OCT07*	29SEP08	29SEP08	1,000	LOE	0.00	208,453.58	0	cole=.50 fte nelson=.15 fte ; 35=06\$K ; ornl41=20.38k								
1901-09		WBS 191 FY09	LOE	247*	1	01OCT08*	28SEP09	28SEP09	752	LOE	0.00	221,094.09	0	cole=.50 fte nelson=.15 fte ; 35=06\$K ; ornl41=20.38k								
1901-10		WBS 191 FY10	SA LOE	248*	1	01OCT09*	30SEP10	30SEP10	502	LOE	0.00	229,029.48	0	cole=.50 fte nelson=.15 fte ; 35=06\$K ; ornl41=20.38k								
1901-11		WBS 191 FY10	LOE	79*	1	01OCT10*	31JAN11	31JAN11	423	LOE	0.00	95,379.48	0									
192 - Stellarator Core Integration & Analysis																						
1902-07		WBS 192 FY07		106*	1	01MAY07A	28SEP07	28SEP07	1,249	LOE	50,845.13	84,180.68	0	ornlem=.55; orn1 dsnr=.3 ornl35=3k								
1902-08		WBS 192 FY08		249*	1	01OCT07*	29SEP08	29SEP08	1,000	LOE	0.00	199,924.56	0	ornlem=.55; orn1 dsnr=.3 ornl35=3k								
1902-09		WBS 192 FY09		247*	1	01OCT08*	28SEP09	28SEP09	752	LOE	0.00	210,949.08	0	ornlem=.55; orn1 dsnr=.3 ornl35=3k								
1902-10		WBS 192 FY10		248*	1	01OCT09*	30SEP10	30SEP10	502	LOE	0.00	219,015.60	0	ornlem=.55; orn1 dsnr=.3 ornl35=3k								
1902-11		WBS 192 FY10		79*	1	01OCT10*	31JAN11	31JAN11	423	LOE	0.00	74,333.10	0									
82 - Project Engineering																						
Job: 8202 - Engr Mgmt & Sys Eng Support-REIERSEN																						
FY07 Rebaseline Exercise																						
ECP53RBX19		FY07 Rebaseline exercise		0*		01MAY07A	25JUN07A	25JUN07		LOE	29,619.10	29,619.10	0	EA/EM =170hr ;								
820.04X		Engr Management FY07 (LOE)		103*		01MAY07A	25SEP07	25SEP07	1,252	LOE	89,154.18	143,565.52	0	reiersen=50% loe ; heitzenroeder=50% loe								
820.04Y		Engr management (SA LOE)		827*		01OCT07*	01FEB11	01FEB11	422	LOE	0.00	531,578.18	0									
820.04Z		RLM (WBS 13,15,17) (SA LOE)		106*		01MAY07A	28SEP07	28SEP07	1,249	LOE	93,356.00	154,562.92	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									
820.004Z		Reqmnts mgt & design verification		106*		01MAY07A	28SEP07	28SEP07	1,249	LOE	8,418.79	13,938.40	0	reiersen=80 hours								

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 Variance	FY08												FY09												FY10													
820.0004Z		Reqmnts mgt & design verification	827*		01OCT07*	01FEB11	01FEB11	422	LOE	0.00	148,448.71	0	[Gantt bar]																																					
820-004Y		RLM (WBS 2,3 & 6) (SA LOE)	747*		01OCT07*	30SEP10	30SEP10	502	LOE	0.00	148,616.69	0	[Gantt bar]																																					
820.004X		RLM (fabrication) (SA LOE)	933*		01MAY07A	01FEB11	01FEB11	422	LOE	51,001.54	739,152.77	0	[Gantt bar]																																					
820.005		RLM (WBS 4 & 5) (SA LOE)	826*		02OCT07*	01FEB11	01FEB11	422	LOE	0.00	178,479.64	0	[Gantt bar]																																					
8205FY07		Systems Engineering Support document control	933*		01MAY07A	01FEB11	01FEB11	422	LOE	11,183.49	162,079.56	0	[Gantt bar]																																					
8205FY08		Systems Engineering Support (SA LOE)	933*		01MAY07A	01FEB11	01FEB11	422	LOE	19,601.96	284,086.30	0	[Gantt bar]																																					
Job: 8203 - Design Integration-BROWN																																																		
8203FY07		Design Integration ,& metro support	933*		01MAY07A	01FEB11	01FEB11	422	LOE	67,664.32	980,642.23	0	[Gantt bar]																																					
8203FY08		CAD Support (SA LOE)	933*		01MAY07A	01FEB11	01FEB11	422	LOE	29,461.26	426,974.76	0	[Gantt bar]																																					
Job: 8204 - Systems Analysis-BROOKS																																																		
8204FY07		Systems Analysis FY07 Analysis for structure dsn	106*		01MAY07A	28SEP07	28SEP07	1,249	LOE	33,675.17	55,753.60	0	[Gantt bar] fan=320hrs																																					
8204FY08		Systems Analysis, studies and tech assurance	932*		01MAY07A	31JAN11	31JAN11	423	LOE	75,778.73	1,098,242.39	0	[Gantt bar]																																					
Job: 8205 - Dimensional Control Coordin-ELLIS																																																		
METFY07R1	3	Dimensional control plans for station 2	65*		01JUN07A	31AUG07	31AUG07	6	50	41,815.20	83,630.40	0	[Gantt bar] EA/EM =480hr ;																																					
METDCP-3	3	Dimensional control plans for station 3	30		04SEP07	15OCT07	15OCT07	56		0.00	28,553.23	0	[Gantt bar] EA/EM =160hr ;																																					
METDCP-5	3	Dimensional control plans for station 5	80		16OCT07	15FEB08	15FEB08	111		0.00	59,443.20	0	[Gantt bar] EA/EM =320hr ;																																					
METDCP-6	3	Dimensional control plans for station 6	80		18FEB08	09JUN08	09JUN08	111		0.00	89,164.80	0	[Gantt bar] EA/EM =480hr ;																																					
METFY08R		Support FPA Station 2	326*		24OCT07	19FEB09	19FEB09	4	LOE	0.00	89,911.08	0	[Gantt bar] ellis =240 hr ea/em=240hrs																																					
METFY08RX		Support FPA Station 3	318*		03MAR08	08JUN09	08JUN09	0	LOE	0.00	90,555.06	0	[Gantt bar] ellis =240 hr ea/em=240hrs																																					
METFY09		Support FPA Station 5	260*		30OCT08	13NOV09	13NOV09	0	LOE	0.00	61,443.20	0	[Gantt bar] ellis =160hr ea/em=160hr																																					
METFY10		Support Final Machine Assy	482*		26JAN09	03JAN11	03JAN11	0	LOE	0.00	94,162.86	0	[Gantt bar] ellis =240 hr ea/em=240hr																																					
Job: 8210 - FY07 Rebaseling tasks																																																		
FY07 Rebaseline Exercise																																																		
ECP53RBX23		FY07 Rebaseline exercise	40		01MAY07A	26JUN07A	26JUN07		LOE	9,049.20	9,049.20	0	[Gantt bar] EM/EM =60hr ;																																					
ECP53RBX25		FY07 Rebaseline exercise	0*		01MAY07A	31MAY07A	31MAY07		LOE	9,765.00	9,765.00	0	[Gantt bar]																																					
Job: 8215 Plant Design																																																		
FY07 Rebaseline Exercise																																																		
8210-07		Update plant model	42*		01AUG07*	28SEP07	28SEP07	1,249		0.00	15,029.60	0	[Gantt bar] EM/EM =40hr ; EA/SB =80hr ;																																					
8210-08		Plant Design FY08	826		01OCT07*	31JAN11	31JAN11	423	LOE	0.00	105,719.02	0	[Gantt bar]																																					

Activity ID	LESTOT	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Variance	FY08			FY09			FY10		
Larry Dudek																					
12 - Vacuum Vessel Systems																					
Job: 1204 - VV Sys Procurements (nonVVSA)-DUDEK																					
VV Vertical Supports																					
124-037		PPPL Fab VV Vert. Sprts (log # M1091) (complet	197		01MAY07A	01MAY07A	01MAY07A			0.00	0.00	0									
VV Personnel Access Port & Lateral sprts																					
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									
VV Local I&C																					
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									
Thermal Insulation																					
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									
Heater Tape for Port Stub																					
1204-121		100Drawings 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		01AUG07	05SEP07	09OCT07	160		0.00	0.00	24									
1204-129		Award Heater Tape for port stubs	0			05SEP07	09OCT07	160		0.00	0.00	24									
1204-130		Deliver Heater Tape for port stubs	40		06SEP07	31OCT07	06DEC07	160		0.00	19,933.76	24									
T/C and Heater Tape Leads																					
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	126*		04JUN07A	28NOV07	28NOV07	132	50	18,177.76	36,355.51	0									
Flux loop junction boxes and spacer templates																					
1204-173M		Material Delivery (desifn/fab in job 3101)	35		01JUN07A	29JUN07A	08AUG07	100		12,275.12	12,275.12	27									
Job: 1250 - Vacuum Vessel Fabrication**CLOSED**																					
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	0		-90,000.00	-90,000.00	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 Variance	FY08			FY09			FY10					
P2-171V		VPI (Station 5) B5	11	2	18JAN08	01FEB08	04FEB08	130		0.00	47,801.36	1												
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	11APR08	25APR08	05JUN08	77		0.00	47,801.36	28												
P3-171V		VPI (Station 5) B6	11	2	03JUN08	17JUN08	15JUL08	56		0.00	47,801.36	19												
P3-171VM	2	COMPLETE VPI OF 18th MOD COIL	0	2		17JUN08	15JUL08	56		0.00	0.00	19												
Station 1 Post VPI																								
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	01AUG07*	16AUG07	16AUG07	121	37	9,033.75	24,415.54	0												
P3-081C		Final Clamps & Warm Test (Station1) B4	15	1	17AUG07	07SEP07	07SEP07	189		0.00	24,415.54	0												
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	04FEB08	22FEB08	25FEB08	130		0.00	26,027.60	1												
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	28APR08	16MAY08	26JUN08	77		0.00	26,027.60	28												
P2-171C		Final Clamps & Warm Test (Station1) B6	15	1	18JUN08	09JUL08	05AUG08	56		0.00	26,027.60	19												
LOE Oversight & Supervision																								
145XSPRV-1		Winding Engineering oversight and supervision	298*		01MAY07A	09JUL08	09JUL08	1,057	LOE	114,286.03	531,562.91	0												
145XSPRV-2		Winding Engineering oversight and supervision	250*		01MAY07A	30APR08	30APR08	1,105	LOE	38,894.56	151,931.88	0												
145XSPRV-3		Winding Engineering oversight and supervision	337*		01MAY07A	03SEP08	03SEP08	1,018	LOE	33,548.78	176,572.52	0												
Job: 1459 - Mod Coil Fabr.Punch List-CHRZANOWSKI																								
Punchlist Tech shop/RESA																								
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	11*	1	01AUG07*	15AUG07	17JUL07	39	80	2,945.88	3,682.35	-21												
PLTS-A1		Grinding -A1	18	1	17AUG07*	12SEP07	12SEP07	27	25	1,672.09	6,688.35	0												
PLTS-C1		Grinding & Drill Holes -C1	20	1	13SEP07	10OCT07	10OCT07	43		0.00	18,512.16	0												
PLTS-C2		25Grinding & Drill Holes -C2	91*	1	02JUL07A	07NOV07	07NOV07	43	25	4,654.17	18,616.68	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	16JAN08	22JAN08	22JAN08	61		0.00	3,925.39	0												
PLTS-B3		Grinding -B3	5	1	23JAN08	29JAN08	29JAN08	73		0.00	3,925.39	0												
PLTS-A4		Grinding -A4	5	1	30JAN08	05FEB08	05FEB08	85		0.00	3,925.39	0												
PLTS-B4		Grinding -B4	5	1	06FEB08	12FEB08	12FEB08	91		0.00	3,925.39	0												
PLTS-C5		Grinding & Drill Holes -C5	20	1	13FEB08	11MAR08	11MAR08	91		0.00	19,226.40	0												
PLTS-A5		Grinding -A5	5	1	12MAR08	18MAR08	18MAR08	104		0.00	3,925.39	0												
PLTS-B5		Grinding -B5	5	1	19MAR08	25MAR08	25MAR08	113		0.00	3,925.39	0												
PLTS-A6		Grinding -A6	5	1	26MAR08	01APR08	01APR08	122		0.00	3,925.39	0												
PLTS-B6		Grinding -B6	5	1	10JUL08	16JUL08	12AUG08	56		0.00	3,925.39	19												
PLTS-C6		Grinding & Drill Holes -C6	20	1	17JUL08	13AUG08	10SEP08	56		0.00	19,226.40	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 Variance	FY08			FY09			FY10					
Punchlist- Coil Technicians																								
PLCT-B2		Insul,measure,TC other punch list-B2	7	2	31AUG07*	11SEP07	23AUG07	14		0.00	15,480.90	-12												
PLCT-A2		Insul,measure,TC, other punch list-A2	7	2	12SEP07	20SEP07	18SEP07	14		0.00	15,480.90	-2												
PLCT-B1		Insul,measure,TC, other punch list-B1	7	2	21SEP07	01OCT07	27SEP07	14		0.00	15,626.87	-2												
PLCT-A1		Insul,measure,TC, other punch list-A1	9	2	02OCT07	12OCT07	10OCT07	14		0.00	20,428.05	-2												
PLCT-C1		Insul,measure,TC, other punch list-C1	18	1	15OCT07	07NOV07	05NOV07	51		0.00	20,748.49	-2												
PLCT-C2		Insul,measure,TC, other punch list-C2	9	2	08NOV07	20NOV07	20NOV07	51		0.00	20,428.05	0												
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	3,207.60	21,383.97	-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												
Job: 1431 - Mod. Coil Interface Hardware-DUDEK																								
Bladders																								
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		22AUG07	05SEP07	30JUL07	19	50	0.00	0.00	-26												
1421-3024		Prep Req, Bid, & Award Bladders	10		06SEP07	19SEP07	13AUG07	19		0.00	0.00	-26												
1421-3025		Deliver bladders	5		20SEP07	26SEP07	20AUG07	19		0.00	16,396.60	-26												
1421-3028		Bladders available for FPA	0			26SEP07	20AUG07	19		0.00	0.00	-26												
Bushings																								
1421-3105		Prep Req, Bid, & Award Bushings	15		26SEP07	16OCT07	21MAY07	19		0.00	0.00	-103												
1421-3106		Deliver Bushings Material	25		17OCT07	20NOV07	02JUL07	19		0.00	10,529.40	-99												
1421-3107		PPPL Machine bushings Bushings	248		29AUG07*	26AUG08	29JUL08	19		0.00	44,137.18	-20												
1421-3108		Bushings available for first coil-to-coil fitup	0		27SEP07			19		0.00	0.00	-20												
1421-3109		All Bushings delivered	0			26AUG08	29JUL08	85		0.00	0.00	-20												
Shims-Outboard																								
1429-3059		Requisition,Bid,Award Shim Stock (out & inboard)	15		01AUG07	21AUG07	21AUG07	18		0.00	0.00	0												
1429-3060		Deliver Shim Stock	10		22AUG07	05SEP07	05SEP07	18		0.00	77,274.56	0												
1429-3062		PPPL Cut, Grind, debur Outboard Shims	130		10SEP07	20MAR08	18MAR08	16		0.00	19,242.98	-2												
1429-3065		Prep Req, Bid, Award Alumina Application	14*		01AUG07	20AUG07	16AUG07	34		0.00	0.00	-2												
1429-3066		Apply Alumina to OutboardShims	130		17SEP07	27MAR08	25MAR08	16		0.00	42,168.89	-2												
1429-3069		Outboard Shims Available for 1st 3 pack MC assy	0		24SEP07			16		0.00	0.00	-2												

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 Variance	FY08												FY09												FY10											
S21-5.04X	2	Shims required for 1st 3 pack MC Assy	0		24SEP07			16		0.00	0.00	-2	▼																																			
1429-3070		Outboard Shims Available for 2nd 3 pack MC Assy	0		22OCT07			77		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	▼																																			
Shims-Inboard																																																
1429-3062X		PPPL cut, grind and debur Inboard Shims	130		12SEP07	24MAR08	24MAR08	54		0.00	19,258.90	0	 emt/tb=187hrs;41=3.35k 2 days to cut, debur and grind per joint																																			
1429-3069X		Inboard Shims Available for 1st 3 pack MC Assy	0		19SEP07			54		0.00	0.00	0	▼																																			
1429-3070X		Inboard Shims Available for 2nd 3 pack MC Assy	0		17OCT07			80		0.00	0.00	0	▼																																			
1429-3071X		Inboard Shims Available for 3rd 3 pack MC Assy	0		28NOV07			109		0.00	0.00	0	▼																																			
1429-3072X		Inboard Shims Available for 4th 3 pack MC Assy	0		22JAN08			132		0.00	0.00	0	▼																																			
1429-3073X		Inboard Shims Available for 5th 3 pack MC Assy	0		19FEB08			167		0.00	0.00	0	▼																																			
1429-3074X		Inboard Shims Available for 6th 3 pack MC Assy	0		25MAR08			194		0.00	0.00	0	▼																																			
Shims- C-C Joint																																																
1429-3062C		PPPL Cut, Grind, debur Outboard Shims	10		01OCT09*	14OCT09	14OCT09	12		0.00	8,170.84	0	 emt/tb=74hrs;41=1.3k 2 days to cut, debur and grind per joint																																			
1429-3066C		Apply Alumina to Outboard Shims	40		08OCT09	04DEC09	04DEC09	12		0.00	9,308.00	0	 41=6.5Sk ; quote = 10-15 days for all; say 3 days/3 pack																																			
1429-3075X		Shims Req'd for C-C joint	0		07DEC09			12		0.00	0.00	0	▼																																			
Studs,Washers,Nuts																																																
1421-3060		Deliver Stud Kit (PE007330) (for 1st 3 pack only)	75*		01MAY07A	15AUG07	20JUL07	48		0.00	98,992.08	-18	 41=78Sk ;																																			
1421-3061		Stud kit available for 1st 3 pack MC Assy	0			15AUG07	20JUL07	48		0.00	0.00	-18	▼																																			
1421-3062		Re-order balance of stud kits	65		01AUG07	31OCT07	18OCT07	65		0.00	408,475.32	-9	 41=312Sk ;																																			
1421-3063		Stud kits available for balance of MC Assy	0			31OCT07	18OCT07	65		0.00	0.00	-9	▼																																			
1421-3065		Deliver Superbolts (PE007332)	43*		01MAY07A	29JUN07A	31MAY07	100		157,905.00	157,905.00	-21	 41=123.75k ;																																			
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	177		0.00	0.00	0																																				
1421-3072		Deliver Add'l stud kits for c-c joint&weld clmp	30		22OCT07	04DEC07	04DEC07	177		0.00	59,827.92	0	 41=45.738k ;																																			
1421-3080		Purchase G-11 shims and machine for C-C inboard	65		01OCT07*	10JAN08	10JAN08	497		0.00	5,728.80	0	 41=1.44k ; em//tb=48																																			
Misc Tech Shop Support																																																
1421-4000		Misc Tech Shop support through FPA sta 3	250*		01OCT07*	30SEP08	30SEP08	999	LOE	0.00	76,905.60	0	 em//tb=960																																			
18 - Field Period Assembly																																																
Job: 1803/1805- FPA Tooling/Constr-BROWN/DUDEK																																																
Station 2-Modular Coil Sub- Assembly																																																
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	 41=92.8k**ON HOLD** NOT BUDGETED**																																			
Station 3-Modular Coil to VVSA Assembly																																																
1803-3.2		Finalize drawings for internal review and outsid	3		25JUN07A	27JUN07A	27JUN07	100		0.00	0.00	0																																				
1803-3.3		100Analyze single point lift	10*		28JUN07A	12JUL07A	12JUL07	100		9,756.88	9,756.88	0	 ea/em=16; ea/em=40																																			
1803-3.4	3	Stage 3 support FDR	3*		02JUL07A	17JUL07A	13JUL07	100		0.00	0.00	-2																																				

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 Variance	FY08			FY09			FY10					
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	08AUG07	17JUL07	39	90	4,858.27	5,398.08	-16												
1803-3.7		Transportation study (move between test cells)	2		09AUG07	10AUG07	19JUL07	101		0.00	4,498.40	-16												
1803-3.8		Generate laser trace drawing for each screen	20		01AUG07	28AUG07	10AUG07	89		0.00	8,996.80	-12												
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		09AUG07*	13DEC07	19NOV07	39		0.00	60,718.29	-16												
Station 5-Final Field Period Assembly																								
1803-5.1		Complete FP support models	92*		01JUN07A	10OCT07	10OCT07	122	25	6,786.47	27,145.88	0												
1803-5.5		Design followup & prelim analysis	20		01AUG07*	28AUG07	28AUG07	182		0.00	10,453.80	0												
1803-5.2		Complete platform models	15		11OCT07	31OCT07	31OCT07	122		0.00	9,592.80	0												
1803-5.3		PDR	0			07NOV07	07NOV07	122		0.00	0.00	0												
R1802-503		Sequence plan	20		01MAY07A	30MAY07A	30MAY07		100	0.00	0.00	0												
1803-5.4		Structural Analysis	10		08NOV07*	21NOV07	21NOV07	122		0.00	11,145.60	0												
1803-5.6	3	Station 5 FDR	0			21NOV07	21NOV07	122		0.00	0.00	0												
1803-5.7		Complete dwg package and release for Fa	20		22NOV07	21DEC07	21DEC07	122		0.00	14,389.20	0												
1803-5.8		Complete models and dwgs for test cell metrology	13*		02JAN08	18JAN08	14JAN08	154		0.00	19,185.60	-4												
1803-5.9		Procure materials and fixture (2 stations)	65		02JAN08	01APR08	01APR08	122		0.00	94,071.36	0												
6.00-Final Machine Assembly																								
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			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			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												
Job: 1802 - FP Assy Oversight&Support-VIOLA																								
Oversight and Supervision																								
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	326*		24OCT07*	19FEB09	19FEB09	4	LOE	0.00	152,828.16	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	260*		30OCT08*	13NOV09	13NOV09	0	LOE	0.00	122,171.24	0												
R1802-001		Metrology Engr Super FY07	106*		01MAY07A	28SEP07	28SEP07	1,249	LOE	37,884.57	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 suprt .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	69,890.52	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												

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 Variance	FY08			FY09			FY10		
R1802-013		HP Coverage in the TFTR TC LOE FY07	106*		01MAY07A	28SEP07	28SEP07	1,249	LOE	35,765.58	59,214.54	0	SH//TB = .75 fte								
R1802-015		HP Coverage in the TFTR TC LOE FY08	250*		01OCT07*	30SEP08	30SEP08	999	LOE	0.00	149,857.40	0	SH//TB = .75 fte								
R1802-016		HP Coverage in the TFTR TC LOE FY09	169*		01OCT08*	08JUN09	08JUN09	830	LOE	0.00	104,271.28	0	SH//TB = (.75 fte) ;								
R1810-098		Station 3 complete	0			08JUN09	08JUN09	830		0.00	0.00	0									
Station 2 procedures,JHA,ACC,Training,Prep																					
R1802-207		Procedures written & approved	14		12SEP07	01OCT07	01OCT07	0		0.00	0.00	0	Viola								
R1802-209		JHA completed	6		02OCT07	09OCT07	09OCT07	0		0.00	0.00	0	Viola								
R1802-211		Training needs identified & released	6		10OCT07	17OCT07	17OCT07	0		0.00	0.00	0	Viola								
R1802-213		ACC review completed	2		18OCT07	19OCT07	19OCT07	0		0.00	0.00	0	Viola								
R1802-215		Pre-job brief completed	1		22OCT07	22OCT07	22OCT07	0		0.00	0.00	0	Viola								
R1802-217		Station 2 operational	1		23OCT07	23OCT07	23OCT07	0		0.00	0.00	0	Viola								
Station 3 procedures,JHA,ACC,Training,Prep																					
R1802-307		Procedures written & approved	10		15JAN08	28JAN08	28JAN08	0		0.00	0.00	0	Viola								
R1802-309		JHA completed	6		29JAN08	05FEB08	05FEB08	0		0.00	0.00	0	Viola								
R1802-311		Training needs identified & released	6		06FEB08	13FEB08	13FEB08	0		0.00	0.00	0	Viola								
R1802-313		ACC review completed	6		14FEB08	21FEB08	21FEB08	0		0.00	0.00	0	Viola								
R1802-315		Pre-job brief completed	6		22FEB08	29FEB08	29FEB08	0		0.00	0.00	0	Viola								
Station 5 procedures,JHA,ACC,Training,Prep																					
R1802-507		Procedures written & approved	14		16APR08	05MAY08	05MAY08	92		0.00	0.00	0	Viola								
R1802-509		JHA completed	6		06MAY08	13MAY08	13MAY08	92		0.00	0.00	0	Viola								
R1802-519		Fixtures installed	6		14MAY08	21MAY08	21MAY08	92		0.00	0.00	0	Viola								
R1802-511		Training needs identified & released	6		22MAY08	30MAY08	30MAY08	92		0.00	0.00	0	Viola								
R1802-513		ACC review completed	7		02JUN08	10JUN08	10JUN08	92		0.00	0.00	0	Viola								
R1802-515		Pre-job brief completed	7		11JUN08	19JUN08	19JUN08	92		0.00	0.00	0	Viola								
Job:1810-Field Period Assy -Station 1,2,3 VIOLA																					
General Assy Support																					
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	EM//TB =1.2 fte								
R1810-001		LOE Crane support, fixture setupfor FY07	106*		01MAY07A	28SEP07	28SEP07	1,249	LOE	39,172.09	64,854.45	0	EM//TB =863hr ;								
R1810-003		LOE Crane support, fixture setupfor FY08	250*		01OCT07*	30SEP08	30SEP08	999	LOE	0.00	165,923.83	0	1.2 fte								
R1810-004		LOE Crane support, fixture setupfor FY09	281*		01OCT08*	13NOV09	13NOV09	718	LOE	0.00	192,599.92	0	1.2 fte								
R1810-005		LOE Field Supervision for FY07	106*		01MAY07A	28SEP07	28SEP07	1,249	LOE	58,006.25	96,036.83	0	EE//SM =719hr ;								
R1810-007		LOE Field Supervision for FY08	250*		01OCT07*	30SEP08	30SEP08	999	LOE	0.00	245,765.14	0	1.0 fte								
R1810-008		LOE Field Supervision for FY09	281*		01OCT08*	13NOV09	13NOV09	718	LOE	0.00	285,266.98	0	1.0 fte								
R1810-008S		LOE Field Supervision for 2nd shft 1.0 fte	203*	2	30JAN09*	13NOV09	13NOV09	718	LOE	0.00	206,388.38	0	EE//SM =1.0 fte								
R1810-009		LOE Metrology sprt FY07 1.5 fte EM & 1.0 fte TB	106*		01MAY07A	28SEP07	28SEP07	1,249	LOE	119,490.72	197,832.33	0	EM//EM =997hr ; EM//TB =631hr ;								
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	EM//EM = 3600 hr ; EM//TB = 2400 hr								
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	EM//EM =1960								
R1810-013		Misc M&S FY07	106*		01MAY07A	28SEP07	28SEP07	1,249	LOE	11,560.56	19,140.00	0	41=15\$K ;								
R1810-015		Misc M&S FY08	250*		01OCT07*	30SEP08	30SEP08	999	LOE	0.00	47,088.00	0	41=36\$K ;								
R1810-016		Misc M&S FY09	281*		01OCT08*	13NOV09	13NOV09	718	LOE	0.00	57,664.57	0	41=41.16								
R1810-099		Station 5 complete	0			13NOV09	13NOV09	718		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 Variance	FY08			FY09			FY10					
R1810-1328		Install Final Internal&Ext monuments & meas	4	1	28JAN08	31JAN08	31JAN08	299		0.00	6,408.80	0												
R1810-1329	3	Final Scan	4	1	01FEB08	06FEB08	06FEB08	299		0.00	6,408.80	0												
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												
Station 1-Spool pieces (3) (spacers)																								
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												
Station 2 Trials & Development																								
Water jet cut A/B flange weld test																								
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		01AUG07	01AUG07	12JUL07	10	100	991.36	991.36	-14												
PHIL-06		assemble shims&flanges;grind relief in flanges	3		17JUL07A	17JUL07A	17JUL07		100	3,607.20	3,607.20	0												
PHIL-07		weld & monitor distortion; improvise clamping	3		20JUL07A	20JUL07A	20JUL07		100	3,607.20	3,607.20	0												
PHIL-08		analyze results at PPPL	2		24JUL07A	24JUL07A	24JUL07		100	0.00	0.00	0												
PHIL-09		analyze welds at EWI	10		02AUG07	15AUG07	07AUG07	10		0.00	0.00	-6												
Casting Weld Tests																								
PHIL-11		Mount A6 on angle plate	1			02JUL07A	25JUN07		100	1,202.40	1,202.40	-5												
PHIL-12		Weld fiducials on A6 & B6	2			11JUL07A	11JUL07		100	2,404.80	2,404.80	0												
PHIL-13		Measure A6 casting	2			13JUL07A	13JUL07		100	0.00	0.00	0												
PHIL-14		Develop metrology plan for station 2	65*		01JUN07A	31AUG07	31AUG07	6		0.00	0.00	0												
PHIL-15		Remove A6 & lower & grout wedge	4			19JUL07A	19JUL07		100	4,809.60	4,809.60	0												
PHIL-16		Re-mount A6 on wedge	2			23JUL07A	23JUL07		100	2,404.80	2,404.80	0												
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												
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												
PHIL-22		Water jet cut outboard 0,5" stk 316 SS shims	4			17JUL07A	17JUL07		100	2,404.80	2,404.80	0												
PHIL-23		Water jet cut inboard 0.625 316 SS	3			20JUL07A	20JUL07		100	1,803.60	1,803.60	0												
PHIL-24		Assemble castings,align torque&meas inbd. shims	4			26JUL07A	26JUL07		100	4,809.60	4,809.60	0												
PHIL-25		Purchase (2) grinding machines	45		01AUG07*	03OCT07	14SEP07	10		0.00	51,125.33	-13												
PHIL-26		Grind inbd. Shims to thickness (outside shop)	4			31JUL07A	01AUG07		100	1,276.00	1,276.00	1												
PHIL-27		Solution anneal shims	2			31JUL07A	03AUG07		100	1,982.72	1,982.72	3												
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												
PHIL-31		Receive hardware - studs, washers	14*		01AUG07*	20AUG07	19JUL07	4		0.00	0.00	-22												
PHIL-32		Align castings	2			31JUL07A	31JUL07		100	2,404.80	2,404.80	0												
PHIL-33		Fit&install bushings 25%stock, 25%eccentric	5			31JUL07A	07AUG07		100	6,012.00	6,012.00	5												

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 Variance	FY08												FY09												FY10											
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		01AUG07	07AUG07	02AUG07	13		0.00	4,956.80	-3	EM//SM =40hr ;																																			
PHIL-37		Set up dial ind., CMM, transit system	26*		02JUL07A	07AUG07	07AUG07	13	50	1,503.00	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		21AUG07	23AUG07	10AUG07	4		0.00	5,410.80	-9	EM//TB =72hr ;																																			
PHIL-40		Perform 25%of welding & measure	2		24AUG07	27AUG07	14AUG07	4		0.00	2,404.80	-9	EM//TB =32hr ;																																			
PHIL-41		Perform 50%of welding & measure	2		28AUG07	29AUG07	16AUG07	4		0.00	2,404.80	-9	EM//TB =32hr ;																																			
PHIL-42		Perform 75%of welding & measure	2		30AUG07	31AUG07	20AUG07	4		0.00	2,404.80	-9	EM//TB =32hr ;																																			
PHIL-43		finish welding & measure	2		04SEP07	05SEP07	22AUG07	4		0.00	2,404.80	-9	EM//TB =32hr ;																																			
PHIL-44		Analyze data; write report	14		06SEP07	25SEP07	12SEP07	4		0.00	0.00	-9																																				
R1810-2050		Consulting support for welding trials	60*		02JUL07A	25SEP07	12SEP07	1,252		31,262.00	89,320.00	-9	ewi=20\$K ; parsells=50\$K ;																																			
R1810-2003		100100Trial 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 ;																																			
R1810-2011		Alignment mechanisms, metro equipt & positioning	26	1	23AUG07*	28SEP07	28SEP07	15		0.00	60,058.00	0	EM//TB =120hr ; 41=40\$K ;																																			
R1810-2013		Procure alignment mechanisms, fiducials, lifting	40	1	02AUG07*	27SEP07	27SEP07	17		0.00	61,960.00	0	EM//TB =400hr ; 41=25\$K ;																																			
R1810-2052		Bushing test B-C	7	1		26JUL07A	26JUL07		100	8,416.80	8,416.80	0	em//tb=112																																			
R1810-2017		Determine fiducial types&locations	40*	1	01JUN07A	27JUL07A	23JUL07		100	19,085.00	19,085.00	-4	EM//TB =220hr ; 41=02\$K ;																																			
R1810-2001		Misc Hardware and hardware rework (1/2 fte loe)	260*	1	01MAY07A	14MAY08	14MAY08	1,095	LOE	21,626.82	87,913.87	0	EM//TB =41=10\$K ; EM//TB =960hr ;																																			
Setup																																																
R1810-2023		Install FIRST Holding 20 deg fixture	0	1		31JUL07A	12JUL07		100	8,564.00	8,564.00	-13	em//tb=80; 41=2																																			
R1810-2025		Install SECOND Holding 20 deg fixture	0	1		31JUL07A	03AUG07		100	7,061.00	7,061.00	3	EM//TB =60hr ; 41=02\$K ;																																			
R1810-2027		Install THIRD Holding 20 deg fixture	6	1	01AUG07*	08AUG07	13AUG07	48		0.00	11,570.00	3	EM//TB =120hr ; 41=02\$K ;																																			
R1810-2029		Install LAST Holding 20 deg fixture	3	1	09AUG07*	13AUG07	16AUG07	48		0.00	7,061.00	3	EM//TB =60hr ; 41=02\$K ;																																			
R1810-2004		Receive Drawings & Hardware (shims & Bolts)	7	1	12SEP07	20SEP07	20SEP07	107		0.00	10,521.00	0	EM//TB =140hr ;																																			
R1810-2006		Surface grind set of metal shims for qualifacat	4	1	04OCT07*	09OCT07	20SEP07	10		0.00	19,226.40	-13	EM//TB =240hr ;																																			
R1810-207		Compress alumina shims and sort	6	1	24SEP07*	01OCT07	27SEP07	16		0.00	9,117.20	-2	EM//TB =120hr ;																																			
R1810-209		Perform metrology setup & checks	22	1	10SEP07*	09OCT07	09OCT07	10		0.00	7,672.82	0	EM//TB =100hr ;																																			
R1810-2021		Tools&tooling available for FPA operations	2	1	01OCT07	02OCT07	02OCT07	15		0.00	9,744.40	0	EM//TB =40hr ; 41=5k																																			
R1810-2002		Test out Equip & Procedures	7	1	02OCT07	10OCT07	10OCT07	9		0.00	11,215.40	0	EM//TB =140hr ;																																			
R1810-2108		HARDWARE,DRAWINGS,& PROCURES AVAILABLE	0	1		23OCT07	23OCT07	0		0.00	0.00	0																																				
Pre-Measuring and fitup checks																																																
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	EM//TB =80hr ;																																			
S21-1.02		Epoxy paint all close fitting interfacing surfac	3	1	01AUG07	03AUG07	30JUL07	10		0.00	4,509.00	-4	EM//TB =60hr ;																																			
S21-2.01		Set B1 on pre-measured fixt, "B" side down	1	1		31JUL07A	31JUL07		100	1,503.00	1,503.00	0	EM//TB =20hr ;																																			
S21-2.02		Align to the conical seats locking into of 8	2	1		02AUG07A	02AUG07		100	0.00	0.00	0	ZMET =40 ;																																			
S21-2.03		Estab global coord sys on mc geometry. Meas monu	7	1		13AUG07A	13AUG07		100	0.00	0.00	0	ZMET =140 ;																																			
S21-2.04		Meas tooling ball monuments on winding form.	1	1		14AUG07A	14AUG07		100	0.00	0.00	0	ZMET =20 ;																																			
S21-2.05		Scan the "A" flange of the Type-B1 coil.	1	1		15AUG07A	15AUG07		100	0.00	0.00	0	ZMET =20 ;																																			
S21-2.07		Remove B1 coil from stand	1	1		16AUG07A	16AUG07		100	1,503.00	1,503.00	0	EM//TB =20hr ;																																			
S21-2.08		Measure A1 "A" flange	14	1	06AUG07	23AUG07	06SEP07	10		0.00	3,006.00	9	EM//TB =40hr ; ZMET =220 ;																																			

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 Variance	FY08												FY09												FY10											
S21-2.11		Measure C1 "A" flange	13	1	24AUG07	12SEP07	25SEP07	10		0.00	3,006.00	9	EM/TB =40hr ; ZMET =220 ;																																			
S21-2.14		Measure Type A1-A2 "A" flange	13	1	13SEP07	01OCT07	12OCT07	10		0.00	3,021.26	9	EM/TB =40hr ; ZMET =220 ;																																			
S21-3.02		Grind shims first article /assy process qu	4	1	02OCT07	05OCT07	18OCT07	10		0.00	6,408.80	9	EM/TB =80hr ;																																			
S21-4.02		Perform metrology set-up and checks	2	1	08OCT07	09OCT07	22OCT07	10		0.00	0.00	9	ZMET =40 ;																																			
S21-3.03		Ready For Preassembly A1B1C1	0	1		09OCT07	22OCT07	10		0.00	0.00	9																																				
Pre measurement of MCHP A2,B2,C2 flanges																																																
S22-1.01		Verify mating MC's of MCHP will come together	4		10OCT07	15OCT07	26OCT07	13		0.00	6,408.80	9	EM/TB =80hr ;																																			
S22-1.02		Epoxy paint all close fitting interfacing surfac	3		16OCT07	18OCT07	31OCT07	13		0.00	4,806.60	9	EM/TB =60hr ;																																			
S22-2.08		Measure B2 "A" flange	14	1	19OCT07	07NOV07	20NOV07	13		0.00	3,204.40	9	EM/TB =40hr ; ZMET =220 ;																																			
S22-2.11		Measure C2 "A" flange	13	1	08NOV07	26NOV07	11DEC07	13		0.00	3,204.40	9	EM/TB =40hr ; ZMET =220 ;																																			
S22-2.14		Measure Type A1-A2 "A" flange	13	1	27NOV07	17DEC07	08JAN08	13		0.00	3,204.40	9	EM/TB =40hr ; ZMET =220 ;																																			
S22-3.02		Compress alumina shims sort by thickness	4		18DEC07	21DEC07	14JAN08	13		0.00	6,408.80	9	EM/TB =80hr ;																																			
S22-4.02		Perform metrology set-up and checks	2		02JAN08	03JAN08	16JAN08	13		0.00	0.00	9	ZMET =40 ;																																			
S22-4.03		Ready For Preassembly A2B2C2	0			03JAN08	16JAN08	13		0.00	0.00	9																																				
Pre measurement of MCHP A3,B3,C3 flanges																																																
S23-1.01		Verify mating MC's of MCHP will come together	4		04JAN08	09JAN08	22JAN08	13		0.00	6,408.80	9	EM/TB =80hr ;																																			
S23-1.02		Epoxy paint all close fitting interfacing surfac	3		10JAN08	14JAN08	25JAN08	13		0.00	4,806.60	9	EM/TB =60hr ;																																			
S23-2.01		Set the A3 coil on fixture, A side flange down	1		15JAN08	15JAN08	28JAN08	13		0.00	1,602.20	9	EM/TB =20hr ;																																			
S23-2.02		Align to the conical seats locking into min of 8	2		16JAN08	17JAN08	30JAN08	13		0.00	0.00	9	ZMET =40 ;																																			
S23-2.03		Measure monuments on fixture and walls.	7		18JAN08	28JAN08	08FEB08	13		0.00	0.00	9	ZMET =140 ;																																			
S23-2.04		Measure tooling ball monuments	1		29JAN08	29JAN08	11FEB08	13		0.00	0.00	9	ZMET =20 ;																																			
S23-2.05		Scan the B flange of A3	1		30JAN08	30JAN08	12FEB08	13		0.00	0.00	9	ZMET =20 ;																																			
S23-2.07		Remove A3 move to holding area.	1		31JAN08	31JAN08	13FEB08	13		0.00	1,602.20	9	EM/TB =20hr ;																																			
S23-2.08		Measure B3 "A" flange	14		01FEB08	20FEB08	04MAR08	13		0.00	3,204.40	9	EM/TB =40hr ; ZMET =220 ;																																			
S23-2.11		Measure C3 "A" flange	13		21FEB08	10MAR08	21MAR08	13		0.00	3,204.40	9	EM/TB =40hr ; ZMET =220 ;																																			
S23-2.14		Measure Type A3-A4 "A" flange	13		11MAR08	27MAR08	09APR08	13		0.00	3,204.40	9	EM/TB =40hr ; ZMET =220 ;																																			
S23-3.02		Compress alumina shims sort by thickness	4		28MAR08	02APR08	15APR08	13		0.00	4,806.60	9	EM/TB =60hr ;																																			
S23-4.02		Perform metrology set-up and checks	2		03APR08	04APR08	17APR08	13		0.00	0.00	9	ZMET =40 ;																																			
S23-4.03		Ready For Preassembly A3B3C3	0		07APR08	04APR08	17APR08	13		0.00	0.00	9																																				
Pre measurement of MCHP A4,B4,C4 flanges																																																
S24-1.01		Verify mating MC's of MCHP will come together	4		07APR08	10APR08	23APR08	13		0.00	6,408.80	9	EM/TB =80hr ;																																			
S24-1.02		Epoxy paint all close fitting interfacing surfac	3		11APR08	15APR08	28APR08	13		0.00	4,806.60	9	EM/TB =60hr ;																																			
S24-2.08		Measure B4 "A" flange	14	1	16APR08	05MAY08	16MAY08	13		0.00	3,204.40	9	EM/TB =40hr ; ZMET =220 ;																																			
S24-2.11		Measure C4 "A" flange	13	1	06MAY08	22MAY08	05JUN08	13		0.00	3,204.40	9	EM/TB =40hr ; ZMET =220 ;																																			
S24-2.14		Measure Type A3-A4 "A" flange	13	1	23MAY08	11JUN08	24JUN08	13		0.00	3,204.40	9	EM/TB =40hr ; ZMET =220 ;																																			
S24-3.02		Compress alumina shims sort by thickness	4		12JUN08	17JUN08	30JUN08	13		0.00	6,408.80	9	EM/TB =80hr ;																																			
S24-4.02		Perform metrology set-up and checks	2		18JUN08	19JUN08	02JUL08	13		0.00	0.00	9	ZMET =40 ;																																			
S24-4.03		Ready For Preassembly A4B4C4	0		20JUN08	19JUN08	02JUL08	13		0.00	0.00	9																																				
Pre measurement of MCHP A5,B5,C5 flanges																																																
S25-1.01		Verify mating MC's of MCHP will come together	4		20JUN08	25JUN08	09JUL08	13		0.00	6,408.80	9	EM/TB =80hr ;																																			
S25-1.02		Epoxy paint all close fitting interfacing surfac	3		26JUN08	30JUN08	14JUL08	13		0.00	4,806.60	9	EM/TB =60hr ;																																			
S25-2.01		Set the A5 coil on fixture, A side flange down	1		01JUL08	01JUL08	15JUL08	13		0.00	1,602.20	9	EM/TB =20hr ;																																			
S25-2.02		Align to the conical seats locking into min of 8	2		02JUL08	03JUL08	17JUL08	13		0.00	0.00	9	ZMET =40 ;																																			
S25-2.03		Measure monuments on fixture and walls.	7		07JUL08	15JUL08	28JUL08	13		0.00	0.00	9	ZMET =140 ;																																			

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 Variance	FY08			FY09			FY10		
S21-6.07		Perform the X-Y positioning of the B coil.	1	1	14DEC07	14DEC07	14DEC07	0		0.00	1,602.20	0									
S21-6.08		Install remaining metal shims torque to 50%	2	1	17DEC07	18DEC07	18DEC07	0		0.00	3,204.40	0									
S21-6.09		Make "wiggle" test Tighten bolt and recheck.	1	1	19DEC07	19DEC07	19DEC07	0		0.00	1,602.20	0									
S21-6.1		Measure the tooling balls on both coils.	5	1	20DEC07	04JAN08	04JAN08	0		0.00	0.00	0									
S21-6.11		Loosen studs, adjust shims. Re-torque to 50%	3	1	07JAN08	09JAN08	09JAN08	0		0.00	4,806.60	0									
S21-6.12		Install alumina shims. Re-torque to 50%	1	1	10JAN08	10JAN08	10JAN08	0		0.00	1,602.20	0									
S21-6.13		Make "wiggle" test Tighten bolt and recheck.	1	1	11JAN08	11JAN08	11JAN08	0		0.00	1,602.20	0									
S21-6.14		Measure tooling balls . The max devi .007ö .	5	1	14JAN08	18JAN08	18JAN08	0		0.00	0.00	0									
S21-6.15		Loosen studs, adjust shims. Re-torque to 50%	3	1	21JAN08	23JAN08	23JAN08	0		0.00	4,806.60	0									
S21-6.16		Install bushings. Tighten back to 50%	10	1	24JAN08	06FEB08	06FEB08	0		0.00	16,022.00	0									
S21-6.17		Complete tightening of flange bolts to 100%	1	1	07FEB08	07FEB08	07FEB08	0		0.00	1,602.20	0									
S21-6.18		Measure tooling balls . The max devi .007ö .	2	1	08FEB08	11FEB08	11FEB08	0		0.00	0.00	0									
S21-6.19		Scan the öBö flange of Type-B coil	1	1	12FEB08	12FEB08	12FEB08	0		0.00	1,602.20	0									
AB - C Assembly																					
S21-7.01		Place öA/Bö assy, öAö coil dwn, on 40deg fix.	3	1	13FEB08	15FEB08	15FEB08	0		0.00	4,806.60	0									
S21-7.02		Align to the conical seats locking into a min of	1	1	18FEB08	18FEB08	18FEB08	0		0.00	0.00	0									
S21-7.03		Measure the monuments on the fixture & the walls	2	1	19FEB08	20FEB08	20FEB08	0		0.00	0.00	0									
S21-7.04		Place initial set metal shims on the coil	2	1	21FEB08	22FEB08	22FEB08	0		0.00	3,204.40	0									
S21-7.05		Lower the Type-C coil onto the Type-B coil.	1	1	25FEB08	25FEB08	25FEB08	0		0.00	1,602.20	0									
S21-7.06		Meas monuments on A coil to eval displacement.	1	1	26FEB08	26FEB08	26FEB08	0		0.00	0.00	0									
S21-6.062		instl dial indicators for x-y positioning	1	1	27FEB08	27FEB08	27FEB08	0		0.00	1,602.20	0									
S21-7.07		Perform the X-Y positioning of the coil.	1	1	28FEB08	28FEB08	28FEB08	0		0.00	1,602.20	0									
S21-7.08		Install remaining metal shims torque to 50%	2	1	29FEB08	03MAR08	03MAR08	0		0.00	3,204.40	0									
S21-7.09		"wiggle" test Tighten bolt and recheck.	1	1	04MAR08	04MAR08	04MAR08	0		0.00	1,602.20	0									
S21-7.1		Measure the tooling balls on all coils.	5	1	05MAR08	11MAR08	11MAR08	0		0.00	0.00	0									
S21-7.11		adjust shims locally. Re-torque all studs to 50%	3	1	12MAR08	14MAR08	14MAR08	0		0.00	4,806.60	0									
S21-7.12		linstall alumina shims. Re-torque all studs to	1	1	17MAR08	17MAR08	17MAR08	0		0.00	1,602.20	0									
S21-7.13		"wiggle" test Tighten bolt and recheck.	1	1	18MAR08	18MAR08	18MAR08	0		0.00	1,602.20	0									
S21-7.14		Measure the tooling balls on all coils.	5	1	19MAR08	25MAR08	25MAR08	0		0.00	8,011.00	0									
S21-7.15		adjust shims locally. Re-torque all studs to 50	3	1	26MAR08	28MAR08	28MAR08	0		0.00	4,806.60	0									
S21-7.16		Install bushings	10	1	31MAR08	11APR08	11APR08	0		0.00	16,022.00	0									
S21-7.17		Complete tightening of flange bolts to 100%	1	1	14APR08	14APR08	14APR08	0		0.00	1,602.20	0									
S21-11.01		Identify primary fiducials for positioning Sta 3	1	1	15APR08	15APR08	15APR08	0		0.00	1,602.20	0									
S21-7.18		Final metrology meas. Scan öBö flangeType-C coil	5	1	16APR08	22APR08	22APR08	0		0.00	0.00	0									
Tack Weld Inboard Welded hims																					
S21-8.01		Tack weld inboard shims	2	1	23APR08	24APR08	24APR08	0		0.00	3,204.40	0									
Complete Local Service & interface details																					
S21-10.01		Install all wing support bladders	2	1	25APR08	28APR08	28APR08	6		0.00	3,204.40	0									
S21-10.02		Make local service runs/connections	8	1	25APR08	06MAY08	06MAY08	0		0.00	12,817.60	0									
S21-10.03		Inject stycast in all shim spaces	1	1	25APR08	25APR08	25APR08	7		0.00	1,602.20	0									
Final Measurements/Transfer to Holding Area																					
DOE-1		Notify DOE of scheduled station 3 lifts	0	1		27MAR08	27MAR08	0		0.00	0.00	0									
DOE-2		DOE review lift procedures	30	1	28MAR08	08MAY08	08MAY08	0		0.00	0.00	0									
DOE-3		DOE approval of scheduled station 3 lifts	0	1		08MAY08	08MAY08	0		0.00	0.00	0									

Activity ID	LESTOI	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Variance	FY08			FY09			FY10		
S21-11.03		Measure bolt length on all tension fasteners	0	1	09MAY08	08MAY08	08MAY08	0		0.00	0.00	0									
S21-11.04		Mark part for identification	0	1	09MAY08	08MAY08	08MAY08	0		0.00	0.00	0									
S21-11.05		Install lift support beams	2	1	07MAY08	08MAY08	08MAY08	0		0.00	3,204.40	0									
S21-11.06		Remove from stand & measure weight of assy	1	1	09MAY08	09MAY08	09MAY08	0		0.00	1,602.20	0									
S21-11.07		Move A1-B1-C1 to holding area.	0	1	12MAY08	09MAY08	09MAY08	0		0.00	0.00	0									
S21-11.07M	2	Complete 1st MCHP Assy (Sta 2)	0	1		09MAY08	09MAY08	0		0.00	0.00	0									
Station 2 MC Sub Assy A2-B2-C2																					
A-B Assembly																					
S22-6.01		A2 ðAð flange dwn, 20deg fixt.Obtain fiduci	1	1	13FEB08	13FEB08	13FEB08	0		0.00	1,602.20	0									
S22-6.02		Align to the conical seats locking into a min of	1	1	14FEB08	14FEB08	14FEB08	0		0.00	0.00	0									
S22-6.03		Measure monuments on fixture and on the walls.	2	1	15FEB08	18FEB08	18FEB08	0		0.00	0.00	0									
S22-6.04		Place alumina grind inboard weld shims on coil.	2	1	19FEB08	20FEB08	20FEB08	0		0.00	3,204.40	0									
S22-6.05		Lower the Type-B coil onto the Type-A coil.	1	1	21FEB08	21FEB08	21FEB08	0		0.00	1,602.20	0									
S22-6.06		Meas monuments on A coil. Jack to within .002ð	1	1	22FEB08	22FEB08	22FEB08	0		0.00	0.00	0									
S22-6.07		Perform the X-Y positioning of the B coil.	1	1	25FEB08	25FEB08	25FEB08	0		0.00	0.00	0									
S22-6.08		Install studs, supernuts, torque to 50%of final	2	1	26FEB08	27FEB08	27FEB08	0		0.00	3,204.40	0									
S22-6.09		"wiggle" test Tighten bolt and recheck.	1	1	28FEB08	28FEB08	28FEB08	0		0.00	1,602.20	0									
S22-6.1		Meas tooling balls on both coils. max devi .007ð	5	1	29FEB08	06MAR08	06MAR08	0		0.00	0.00	0									
S22-6.11		adjust shims locally. Re-torque all studs to 50%	3	1	07MAR08	11MAR08	11MAR08	0		0.00	4,806.60	0									
S22-6.12		Install bushings	10	1	12MAR08	25MAR08	25MAR08	0		0.00	16,022.00	0									
S22-6.13		Complete tightening of flange bolts to 100%	1	1	26MAR08	26MAR08	26MAR08	0		0.00	1,602.20	0									
S22-6.14		Measure the tooling balls on both coils.	3	1	27MAR08	31MAR08	31MAR08	0		0.00	0.00	0									
S22-6.15		Scan the ðBð flange of Type-B coil	1	1	01APR08	01APR08	01APR08	0		0.00	1,602.20	0									
AB - C Assembly																					
S22-7.01		ðA/Bð assy ðAð coil dwn, 40deg fixt.Obtain fiduc	2	1	02APR08	03APR08	03APR08	0		0.00	3,204.40	0									
S22-7.02		Align to the conical seats locking into min of 8	1	1	04APR08	04APR08	04APR08	0		0.00	0.00	0									
S22-7.03		Measure monuments on fixture and walls.	2	1	07APR08	08APR08	08APR08	0		0.00	0.00	0									
S22-7.04		Place alumin grind inboard weld shims on coil.	2	1	09APR08	10APR08	10APR08	0		0.00	3,204.40	0									
S22-7.05		Lower the Type-C coil onto the Type-B coil.	1	1	11APR08	11APR08	11APR08	0		0.00	1,602.20	0									
S22-7.06		Meas monuments on A coil for displacements.	1	1	14APR08	14APR08	14APR08	0		0.00	0.00	0									
S22-7.07		Perform the X-Y positioning of the coil.	1	1	15APR08	15APR08	15APR08	0		0.00	1,602.20	0									
S22-7.08		Install studs, supernuts, torque to 50%of fina	2	1	16APR08	17APR08	17APR08	0		0.00	3,204.40	0									
S22-7.09		"wiggle" test Tighten bolt and recheck.	1	1	18APR08	18APR08	18APR08	0		0.00	1,602.20	0									
S22-7.1		Measure the tooling balls on all coils.	5	1	21APR08	25APR08	25APR08	0		0.00	0.00	0									
S22-7.11		Install bushings Replace nut and tighten to 50%	10	1	28APR08	09MAY08	09MAY08	0		0.00	16,022.00	0									
S22-7.12		Complete tightening of flange bolts to 100%	1	1	12MAY08	12MAY08	12MAY08	0		0.00	1,602.20	0									
S22-7.13		Measure the tooling balls on both coils.	4	1	13MAY08	16MAY08	16MAY08	0		0.00	0.00	0									
Tack Weld Inboard Welded hims																					
S22-8.01		Tack weld all inboard shims to one flange	1	1	19MAY08	19MAY08	19MAY08	0		0.00	1,602.20	0									
Complete Local Service & interface details																					
S22-10.01		Install all wing support bladders	2	1	20MAY08	21MAY08	21MAY08	0		0.00	3,204.40	0									
S22-10.02		local service connections on each MC.	8	1	22MAY08	03JUN08	03JUN08	0		0.00	12,817.60	0									
S22-10.03		Inject stycast to fill in all shim spaces	1	1	04JUN08	04JUN08	04JUN08	0		0.00	1,602.20	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 Variance	FY08			FY09			FY10											
Final Measurements/Transfer to Holding Area																														
S22-11.01		Install or identify three primary fiducials	1	1	05JUN08	05JUN08	05JUN08	0		0.00	1,602.20	0																		
S22-11.02		Final metrology measurement of all fiducials.	5	1	06JUN08	12JUN08	12JUN08	0		0.00	0.00	0																		
S22-11.03		Tension tester measure bolt length	1	1	13JUN08	13JUN08	13JUN08	0		0.00	801.10	0																		
S22-11.04		Mark part for identification	0	1	16JUN08	13JUN08	13JUN08	0		0.00	0.00	0																		
S22-11.05		Install lift support beams	2	1	16JUN08	17JUN08	17JUN08	0		0.00	3,204.40	0																		
S22-11.06	3	Remove from stand Move A2-B2-C2 to holding area	2	1	18JUN08	19JUN08	19JUN08	0		0.00	3,204.40	0																		
Station 2-Modular Coil Subassembly-FP#2																														
S23-A3B3C3		Assemble/Align Mod-Coils A3/B3/C3	140	1	12MAY08	26NOV08	26NOV08	0		0.00	171,696.21	0																		
S24-A4B4C4		Assemble/Align Mod-Coils A4/B4/C4	97	1	20JUN08	05NOV08	18NOV08	25		0.00	107,787.76	9																		
Station 2-Modular Coil Subassembly-FP#3																														
S25-A5B5C5		Assemble/Align Mod-Coils A5/B5/C5 (under 1 shift)	86	1	01OCT08*	10FEB09	16FEB09	9		0.00	125,174.28	4																		
S25A5B5C52		Assemble/Align Mod-Coils A5/B5/C5 (under 2 shift)	20	2	11FEB09*	10MAR09	16MAR09	9		0.00	50,053.22	4																		
S26-A6B6C6		Assemble/Align Mod-Coils A6/B6/C6	36	1	23DEC08*	19FEB09	19FEB09	4		0.00	56,732.48	0																		
S26A6B6C62		Assemble/Align Mod-Coils A6/B6/C6	24	2	20FEB09*	25MAR09	25MAR09	4		0.00	53,351.62	0																		
Station 3 Setup/Preparations/General																														
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 ledged 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	14DEC07	19DEC07	23NOV07	39		0.00	22,052.32	-16																		
R1810-3107		Test out station 3 equipment and procedures	4	1	20DEC07	03JAN08	03DEC07	39		0.00	13,080.00	-16																		
R1810-3109		Begin assy of first field period assy	2	1	04JAN08	07JAN08	05DEC07	39		0.00	52,320.00	-16																		
Station 3-Assemble Mod Coils and VVSA-FP#1																														
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	52		0.00	9,319.00	0																		
S31-1.03		Establish the MCHP CG location.	2	1	13MAR08	14MAR08	14MAR08	52		0.00	3,204.40	0																		
S31-2.01		Install MCHP support cart assemblies	4	1	17MAR08	20MAR08	20MAR08	52		0.00	6,408.80	0																		
S31-2.02		Verify cart motion.	2	1	21MAR08	24MAR08	24MAR08	52		0.00	3,204.40	0																		
S31-2.03		Install adjustor bar support weldment	0	1	25MAR08	24MAR08	24MAR08	52		0.00	0.00	0																		
S31-2.04		Position left MCHP on the cart assembly	1	1	12MAY08	12MAY08	12MAY08	18		0.00	1,602.20	0																		
S31-2.05		Secure left MCHP on support cart base.	2	1	13MAY08	14MAY08	14MAY08	18		0.00	3,204.40	0																		
S31-2.06		Measure monuments on left MCHP and walls	5	1	15MAY08	21MAY08	21MAY08	18		0.00	0.00	0																		
S31-2.07		Set positioning stop on the cart	1	1	22MAY08	22MAY08	22MAY08	18		0.00	1,602.20	0																		
S31-3.01		Move right base support cart to its final positi	1	1	23MAY08	23MAY08	23MAY08	18		0.00	801.10	0																		
S31-3.02		Lift the right side MCHP and position	1	1	20JUN08	20JUN08	20JUN08	0		0.00	1,602.20	0																		
S31-3.03		Temporary fasteners bring the parts together.	0	1	23JUN08	20JUN08	20JUN08	0		0.00	0.00	0																		
S31-3.04		AirLoc Wedgemount leveler to take load.	0	1	23JUN08	20JUN08	20JUN08	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 Variance	FY08			FY09			FY10						
S31-9.02		Attach temporary VV vertical supports	1	1	15OCT08	15OCT08	15OCT08	0		0.00	1,649.20	0				EM//TB =20hr ;									
S31-9.03		Transfer load to vertical supports.	1	1	16OCT08	16OCT08	16OCT08	0		0.00	1,649.20	0				EM//TB =20hr ;									
S31-9.04		Install VV lateral supports and align	4	1	17OCT08	22OCT08	22OCT08	0		0.00	6,596.80	0				EM//TB =80hr ;									
S31-9.05		Prepare VVSA for transport.	2	1	23OCT08	24OCT08	24OCT08	0		0.00	3,298.40	0				EM//TB =40hr ;									
S31-10.01		transfer the unit to the transfer support frame	2	1	27OCT08	28OCT08	28OCT08	0		0.00	6,596.80	0				EM//TB =80hr ;									
S31-10.02		Transfer Period 1 to Station 5 in NCSX TC	1	1	29OCT08	29OCT08	29OCT08	0		0.00	3,298.40	0				EM//TB =40hr ;									
S31-10.02M	2	Complete 1st MC-VV Assy (Sta 3)	0	1		29OCT08	29OCT08	0		0.00	0.00	0				▼									
Station 3-Assemble Mod Coils and VVSA-FP#2																									
S32-1.01		Install Station 3 site monuments	3	1	30OCT08	03NOV08	03NOV08	4		0.00	7,741.60	0				41=02\$; EM//TB =60hr ;									
S32-1.02		Install floor mounted tracks and VV base support	5	1	04NOV08	10NOV08	10NOV08	4		0.00	9,643.00	0				41=01\$; EM//TB =100hr ;									
S32-1.03		Establish the MCHP CG location.	2	1	11NOV08	12NOV08	12NOV08	4		0.00	3,298.40	0				EM//TB =40hr ;									
S32-2.01		Install MCHP support cart assemblies	4	1	13NOV08	18NOV08	18NOV08	4		0.00	6,596.80	0				EM//TB =80hr ;									
S32-2.02		Verify cart motion.	2	1	19NOV08	20NOV08	20NOV08	4		0.00	3,298.40	0				EM//TB =40hr ;									
S32-2.03		Install adjustor bar support weldment	0	1	21NOV08	20NOV08	20NOV08	4		0.00	0.00	0				EM//TB =00hr ;									
S32-2.04		Position left MCHP on the cart assembly	1	1	01DEC08	01DEC08	01DEC08	0		0.00	1,649.20	0				EM//TB =20hr ;									
S32-2.05		Secure left MCHP on support cart base.	2	1	02DEC08	03DEC08	03DEC08	0		0.00	3,298.40	0				EM//TB =40hr ;									
S32-2.06		Measure monuments on left MCHP and walls	5	1	04DEC08	10DEC08	10DEC08	0		0.00	0.00	0				EM//TB =00hr ; ZMET =100									
S32-2.07		Set positioning stop on the cart	1	1	11DEC08	11DEC08	11DEC08	0		0.00	1,649.20	0				EM//TB =20hr ;									
S32-3.01		Move right base support cart to its final posit	1	1	12DEC08	12DEC08	12DEC08	0		0.00	824.60	0				EM//TB =10hr ;									
S32-3.02		Lift the right side MCHP and position	1	1	15DEC08	15DEC08	15DEC08	0		0.00	1,649.20	0				EM//TB =20hr ;									
S32-3.03		Temporary fasteners bring the parts together.	0	1	16DEC08	15DEC08	15DEC08	0		0.00	0.00	0				EM//TB =00hr ;									
S32-3.04		AirLoc Wedgemount leveler to take load.	0	1	16DEC08	15DEC08	15DEC08	0		0.00	0.00	0				EM//TB =00hr ;									
S32-3.05		Install temp scaffolding to install flange hw	1	1	16DEC08	16DEC08	16DEC08	0		0.00	1,649.20	0				EM//TB =20hr ;									
S32-3.06		Install bolts and shims	1	1	17DEC08	17DEC08	17DEC08	0		0.00	1,649.20	0				EM//TB =20hr ;									
S32-3.07		Tighten flange fasteners to 50%	1	1	18DEC08	18DEC08	18DEC08	0		0.00	1,649.20	0				EM//TB =20hr ;									
S32-3.08		Perform metrology measurements	5	1	19DEC08	05JAN09	05JAN09	0		0.00	0.00	0				EM//TB =00hr ; ZMET =100									
S32-3.09		Perform position adjust on right side MCHP	2	1	06JAN09	07JAN09	07JAN09	0		0.00	3,298.40	0				EM//TB =40hr ;									
S32-3.1		Verify position of the VV support hanger	3	1	08JAN09	12JAN09	12JAN09	0		0.00	0.00	0				EM//TB =00hr ; ZMET =60									
S32-3.11		Remove flange hardware and temp platforms	1	1	13JAN09	13JAN09	13JAN09	0		0.00	1,649.20	0				EM//TB =20hr ;									
S32-4.01		EMeasure monuments on the MCHP's & walls.	2	1	14JAN09	15JAN09	15JAN09	0		0.00	2,794.00	0				EM//TB =00hr ; ZMET =40									
S32-4.02		Place all of the laser screens	2	1	16JAN09	19JAN09	19JAN09	0		0.00	3,298.40	0				EM//TB =40hr ;									
S32-4.03		Determine laser alignment.	1	1	20JAN09	20JAN09	20JAN09	0		0.00	1,649.20	0				EM//TB =20hr ;									
S32-4.04		mount the milar on the screens.	1	1	21JAN09	21JAN09	21JAN09	0		0.00	0.00	0				EM//TB =00hr ;									
S32-4.05		Disengage MCHP's to move the left MCHP.	1	1	22JAN09	22JAN09	22JAN09	0		0.00	1,649.20	0				EM//TB =20hr ;									
S32-4.06		Remove both MCHP's.	2	1	23JAN09	26JAN09	26JAN09	0		0.00	3,298.40	0				EM//TB =40hr ;									
S32-5.01		Remove the adjustor bar support from left side.	0	1	27JAN09	26JAN09	26JAN09	0		0.00	0.00	0				EM//TB =00hr ;									
S32-5.02		Install VV NBI port support stand.	2	1	27JAN09	28JAN09	28JAN09	0		0.00	3,298.40	0				EM//TB =40hr ;									
S32-5.03		Install VVSA to base support	1	1	29JAN09	29JAN09	29JAN09	0		0.00	1,649.20	0				EM//TB =20hr ;									
S32-5.04		Secure the VVSA to base & NBI port sprt stand.	1	2	30JAN09	30JAN09	30JAN09	0		0.00	3,298.40	0				EM//TB =40hr ;									
S32-6.01		Install bumper protection components on the VV	1	2	30JAN09	30JAN09	30JAN09	0		0.00	824.60	0				EM//TB =10hr ;									
S32-6.02		Position AirLoc Wedgemount in lower position.	0	2	02FEB09	30JAN09	30JAN09	0		0.00	0.00	0				EM//TB =00hr ;									
S32-6.03		move the left MCHP over the VV.	1	2	02FEB09	02FEB09	02FEB09	0		0.00	3,298.40	0				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 Variance	FY08			FY09			FY10			
S33-8.01		partially weld the inboard shim.	7	2	14MAY09	22MAY09	22MAY09	0		0.00	24,738.00	0										EM//TB =300hr ;
S33-8.02		Final complete MC scan verify period alignment.	3	2	26MAY09	28MAY09	28MAY09	0		0.00	0.00	0				EM//TB =00hr ;	ZMET =100 ;					
S33-9.01		Attach VV permanent vertical supports	1	2	29MAY09	29MAY09	29MAY09	0		0.00	3,298.40	0										EM//TB =40hr ;
S33-9.02		Attach temporary VV vertical supports	1	2	01JUN09	01JUN09	01JUN09	0		0.00	1,649.20	0										EM//TB =20hr ;
S33-9.03		Transfer load to vertical supports.	1	2	02JUN09	02JUN09	02JUN09	0		0.00	1,649.20	0										EM//TB =20hr ;
S33-9.04		Install VV lateral supports and align	1	2	03JUN09	03JUN09	03JUN09	0		0.00	6,596.80	0										EM//TB =80hr ;
S33-9.05		Prepare VVSA for transport.	1	2	04JUN09	04JUN09	04JUN09	0		0.00	3,298.40	0										EM//TB =40hr ;
S33-10.01		transfer the unit to the transfer support frame	1	2	05JUN09	05JUN09	05JUN09	0		0.00	6,596.80	0										EM//TB =80hr ;
S33-10.02		Transfer Period 3 to Station 5 in NCSX TC	1	2	08JUN09	08JUN09	08JUN09	0		0.00	3,298.40	0										EM//TB =40hr ;
S33-10.02M	2	Complete 3rd MC-VV Assy (Sta 3)	0	2		08JUN09	08JUN09	0		0.00	0.00	0										▼
Job: 1815 - Field Period Assy -Station 5-VIOLA																						
Setup/Preparations/General																						
R1810-5101		MTM NCR hardware re-purchase	25	1	01JUL08*	05AUG08	05AUG08	37		0.00	54,936.00	0										41=42\$K ;
R1810-5102		Monuments,reflectors,CCR's	10	1	01JUL08*	15JUL08	15JUL08	42		0.00	67,689.00	0										41=51.75\$K ;
R1810-5103		metrology network in NCSX TC	10	1	16JUL08	29JUL08	29JUL08	42		0.00	21,973.60	0										EM//TB =160hr ; 41=07\$K ;
R1810-5104		Misc for tooling	10	1	25AUG08*	08SEP08	08SEP08	37		0.00	0.00	0										
R1810-5112		Weld wire & welding supplies	25	1	01JUL08*	05AUG08	05AUG08	37		0.00	19,620.00	0										41=15\$K ;
R1810-5106		Testout Sta 5 equipt & procedures	5	1	06AUG08	12AUG08	12AUG08	37		0.00	12,817.60	0										EM//TB =160hr ;
R1810-5107		Check 3 sled interfaces adjust holes	12	1	13AUG08	28AUG08	28AUG08	37		0.00	30,762.24	0										EM//TB =384hr ;
R1810-5108		Fixtures installed-final metrology	6	1	29AUG08	08SEP08	08SEP08	37		0.00	15,381.12	0										EM//TB =192hr ;
Station 5- Final FP Assy -FP#1 (in NCSX TC)																						
R1810-5109		Begin Station 5 Operations	0	1		29OCT08	29OCT08	0		0.00	0.00	0										▼
S51-1.01		cut off short dome	2	1	30OCT08	31OCT08	31OCT08	0		0.00	3,298.40	0										EM//TB =40hr ;
S51-1.02		Install insulation system around all ports.	0	1	03NOV08	31OCT08	31OCT08	5		0.00	0.00	0										EM//TB =00hr ;
S51-1.03		Install heat tape and theomocouples on all ports	0	1	03NOV08	31OCT08	31OCT08	5		0.00	0.00	0										EM//TB =00hr ;
S51-2.01		Install period support fixture	2	1	03NOV08	04NOV08	04NOV08	5		0.00	3,298.40	0										EM//TB =40hr ;
S51-2.02		Install FPA on support stand.	2	1	05NOV08	06NOV08	06NOV08	5		0.00	3,298.40	0										EM//TB =40hr ;
S51-2.03		Install external working platforms	4	1	07NOV08	12NOV08	12NOV08	5		0.00	6,596.80	0										EM//TB =80hr ;
S51-2.04		Install internal VV working platforms	3	1	13NOV08	17NOV08	17NOV08	5		0.00	4,947.60	0										EM//TB =60hr ;
S51-3.01		Install the domes (left and right side),	2	1	18NOV08	19NOV08	19NOV08	5		0.00	3,298.40	0										EM//TB =40hr ;
S51-3.02		Install small dome ports remaining circ ports.	30	1	20NOV08	13JAN09	13JAN09	5		0.00	49,476.00	0										EM//TB =600hr ;
S51-3.03		Leak check each port after it is welded.	30	1	15DEC08	03FEB09	03FEB09	5		0.00	49,476.00	0										EM//TB =600hr ;
S51-4.01		Install boots on ports except for the two port	16	1	23JAN09	13FEB09	13FEB09	5		0.00	26,387.20	0										EM//TB =320hr ;
S51-5.01		Install MC lead connections to MC's (in job 7503)	0	1	16FEB09	13FEB09	13FEB09	5		0.00	0.00	0										
S51-5.02		Install MC coolant lines on each MC	6	2	16FEB09	23FEB09	23FEB09	5		0.00	19,790.40	0										EM//TB =240hr ;
S51-5.03		Platforms may need to be altered	2	2	24FEB09	25FEB09	25FEB09	5		0.00	4,947.60	0										EM//TB =60hr ;
S51-6.01		Rotate 2 TF coils over the MC on the right side	1	2	26FEB09	26FEB09	26FEB09	5		0.00	3,298.40	0										EM//TB =40hr ;
S51-6.02		Attach the temp support at end of Type-C MC	1	2	27FEB09	27FEB09	27FEB09	5		0.00	1,649.20	0										EM//TB =20hr ;
S51-6.03		Lower leveler pad disengage base of MC right sid	0	2	02MAR09	27FEB09	27FEB09	5		0.00	0.00	0										EM//TB =00hr ;
S51-6.04		Install TF support brackets	1	2	02MAR09	02MAR09	02MAR09	5		0.00	3,298.40	0										EM//TB =40hr ;
S51-6.05		Secure First TF assy	1	2	03MAR09	03MAR09	03MAR09	5		0.00	1,649.20	0										EM//TB =20hr ;
S51-6.06		Install TF support brackets	1	2	04MAR09	04MAR09	04MAR09	5		0.00	3,298.40	0										EM//TB =40hr ;

Activity ID	LESTOI	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Variance	FY08			FY09			FY10					
S51-6.07		Secure 2nd TF coil	1	2	05MAR09	05MAR09	05MAR09	5		0.00	1,649.20	0										EM/TB =20hr ;		
S51-6.08		Install machine support plates	1	2	06MAR09	06MAR09	06MAR09	5		0.00	4,947.60	0										EM/TB =60hr ;		
S51-6.09		Reinstall leveler pad	0	2	09MAR09	06MAR09	06MAR09	5		0.00	0.00	0										EM/TB =00hr ;		
S51-6.1		Installed one side of the TF support brackets	1	2	09MAR09	09MAR09	09MAR09	5		0.00	1,649.20	0										EM/TB =20hr ;		
S51-7.01		The TF installation on the left side	7	2	10MAR09	18MAR09	18MAR09	5		0.00	21,439.60	0										EM/TB =260hr ;		
S51-8.01		Perform a fit-up check of the four TF coils	2	2	19MAR09	20MAR09	20MAR09	5		0.00	8,246.00	0										EM/TB =100hr ;		
S51-9.01		Tack weld the left and right port 4's.	1	2	23MAR09	23MAR09	23MAR09	5		0.00	3,298.40	0										EM/TB =40hr ;		
S51-9.02		Install boots on both port 4's.	2	2	24MAR09	25MAR09	25MAR09	5		0.00	6,596.80	0										EM/TB =80hr ;		
S51-10.01		Install PF coil support structure	4	2	26MAR09	31MAR09	31MAR09	5		0.00	13,193.60	0										EM/TB =160hr ;		
S51-11.01		Install tMC coolant manifold	2	2	01APR09	02APR09	02APR09	5		0.00	4,947.60	0										EM/TB =60hr ;		
S51-11.02		Connect MC coolant lines to the manifold	10	2	03APR09	16APR09	16APR09	5		0.00	32,984.00	0										EM/TB =400hr ;		
S51-12.01		Install Rogowski coils	3	2	17APR09	21APR09	21APR09	5		0.00	8,246.00	0										EM/TB =100hr ;		
S51-13.01		Obtain set of Period 1 align fiducial positions	2	2	22APR09	23APR09	23APR09	5		0.00	0.00	0				EM/TB =00hr ; ZMET =100								
S51-13.02		align to tooling balls on each MCHP	1	2	24APR09	24APR09	24APR09	5		0.00	0.00	0				EM/TB =00hr ; ZMET =20								
S51-13.03		bring the VV into proper alignment	2	2	27APR09	28APR09	28APR09	5		0.00	6,596.80	0										EM/TB =80hr ;		
S51-13.04		Install or identify three primary fiducials	1	2	29APR09	29APR09	29APR09	5		0.00	3,298.40	0										EM/TB =40hr ;		
S51-13.05		Make a final measurement of all fiducials	2	2	30APR09	01MAY09	01MAY09	5		0.00	0.00	0				EM/TB =00hr ; ZMET =100								
S51-13.11		Check Assembly (bolts, etc)	3	2	04MAY09	06MAY09	06MAY09	5		0.00	8,246.00	0										EM/TB =100hr ;		
S51-13.12		Check Diagnostics (Loops, thermocouples)	2	2	07MAY09	08MAY09	08MAY09	5		0.00	8,246.00	0										EM/TB =100hr ;		
S51-13.13		Check manifolds (pressure, flow, etc.)	3	2	11MAY09	13MAY09	13MAY09	5		0.00	8,246.00	0										EM/TB =100hr ;		
S51-13.14		Check 6 modcoils (voltage etc)	3	2	14MAY09	18MAY09	18MAY09	5		0.00	9,895.20	0										EM/TB =120hr ;		
S51-13.15		Check trim coils (voltage etc)	2	2	19MAY09	20MAY09	20MAY09	5		0.00	4,947.60	0										EM/TB =60hr ;		
S51-13.16		Check TF coils (voltage etc)	3	2	21MAY09	26MAY09	26MAY09	5		0.00	9,895.20	0										EM/TB =120hr ;		
S51-14.01		Install crane rigging to completed Period assy	1	2	27MAY09	27MAY09	27MAY09	5		0.00	3,298.40	0										EM/TB =40hr ;		
S51-14.02		Remove platforms	1	2	28MAY09	28MAY09	28MAY09	5		0.00	1,649.20	0										EM/TB =20hr ;		
S51-14.03		Transfer Period 1 to Station 6 in NCSX tTC.	1	2	29MAY09	29MAY09	29MAY09	5		0.00	3,298.40	0										EM/TB =40hr ;		
S51-14.03M	2	Complete 1st Field Period Assy (Sat. 5)	0	2		29MAY09	29MAY09	5		0.00	0.00	0										▼		
Station 5- Final FP Assy -FP#2 (in NCSX TC)																								
S52-1.01		cut off short dome	2	1	12MAR09	13MAR09	13MAR09	9		0.00	3,298.40	0										EM/TB =40hr ;		
S52-1.02		Install insulation system around all ports.	0	1	16MAR09	13MAR09	13MAR09	9		0.00	0.00	0										EM/TB =00hr ;		
S52-1.03		Install heat tape and theomocouples on all ports	0	1	16MAR09	13MAR09	13MAR09	9		0.00	0.00	0										EM/TB =00hr ;		
S52-2.01		Install period support fixture	2	1	16MAR09	17MAR09	17MAR09	9		0.00	3,298.40	0										EM/TB =40hr ;		
S52-2.02		Install FPA on support stand.	2	1	18MAR09	19MAR09	19MAR09	9		0.00	3,298.40	0										EM/TB =40hr ;		
S52-2.03		Install external working platforms	4	1	20MAR09	25MAR09	25MAR09	9		0.00	6,596.80	0										EM/TB =80hr ;		
S52-2.04		Install internal VV working platforms	3	1	26MAR09	30MAR09	30MAR09	9		0.00	4,947.60	0										EM/TB =60hr ;		
S52-3.01		Install the domes (left and right side),	2	1	31MAR09	01APR09	01APR09	9		0.00	3,298.40	0										EM/TB =40hr ;		
S52-3.02		Install small dome ports remaining circ ports.	30	1	02APR09	13MAY09	13MAY09	9		0.00	49,476.00	0										EM/TB =600hr ;		
S52-3.03		Leak check each port after it is welded.	30	1	23APR09	04JUN09	04JUN09	9		0.00	49,476.00	0										EM/TB =600hr ;		
S52-4.01		Install boots on ports except for the two port	16	1	26MAY09	16JUN09	16JUN09	9		0.00	26,387.20	0										EM/TB =320hr ;		
S52-5.01		Install MC lead connections on each of the MC's	1	2	17JUN09	17JUN09	17JUN09	9		0.00	0.00	0										EM/TB =00hr ;		
S52-5.02		Install MC coolant lines on each MC	6	2	18JUN09	25JUN09	25JUN09	9		0.00	19,790.40	0										EM/TB =240hr ;		
S52-5.03		Platforms may need to be altered	1	2	26JUN09	26JUN09	26JUN09	9		0.00	4,947.60	0										EM/TB =60hr ;		

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 Variance	FY08			FY09			FY10			
S52-6.01		Rotate 2 TF coils over the MC on the right side	1	2	29JUN09	29JUN09	29JUN09	9		0.00	3,298.40	0										EM//TB =40hr ;
S52-6.02		Attach the temp support at end of Type-C MC	1	2	30JUN09	30JUN09	30JUN09	9		0.00	1,649.20	0										EM//TB =20hr ;
S52-6.03		Lower leveler pad disengage base of MC right sid	0	2	01JUL09	30JUN09	30JUN09	9		0.00	0.00	0										EM//TB =00hr ;
S52-6.04		Install TF support brackets	1	2	01JUL09	01JUL09	01JUL09	9		0.00	3,298.40	0										EM//TB =40hr ;
S52-6.05		Secure First TF assy	1	2	02JUL09	02JUL09	02JUL09	9		0.00	1,649.20	0										EM//TB =20hr ;
S52-6.06		Install TF support brackets	1	2	06JUL09	06JUL09	06JUL09	9		0.00	3,298.40	0										EM//TB =40hr ;
S52-6.07		Secure 2nd TF coil	1	2	07JUL09	07JUL09	07JUL09	9		0.00	1,649.20	0										EM//TB =20hr ;
S52-6.08		Install machine support plates	2	2	08JUL09	09JUL09	09JUL09	9		0.00	4,947.60	0										EM//TB =60hr ;
S52-6.09		Reinstall leveler pad	0	2	10JUL09	09JUL09	09JUL09	9		0.00	0.00	0										EM//TB =00hr ;
S52-6.1		Installed one side of the TF support brackets	1	2	10JUL09	10JUL09	10JUL09	9		0.00	1,649.20	0										EM//TB =20hr ;
S52-7.01		The TF installation on the left side	6	2	13JUL09	20JUL09	20JUL09	9		0.00	21,439.60	0										EM//TB =260hr ;
S52-8.01		Perform a fit-up check of the four TF coils	3	2	21JUL09	23JUL09	23JUL09	9		0.00	8,246.00	0										EM//TB =100hr ;
S52-9.01		Tack weld the left and right port 4's.	1	2	24JUL09	24JUL09	24JUL09	9		0.00	3,298.40	0										EM//TB =40hr ;
S52-9.02		Install boots on both port 4's.	2	2	27JUL09	28JUL09	28JUL09	9		0.00	6,596.80	0										EM//TB =80hr ;
S52-10.01		Install PF coil support structure	4	2	29JUL09	03AUG09	03AUG09	9		0.00	13,193.60	0										EM//TB =160hr ;
S52-11.01		Install tMC coolant manifold	2	2	04AUG09	05AUG09	05AUG09	9		0.00	4,947.60	0										EM//TB =60hr ;
S52-11.02		Connect MC coolant lines to the manifold	10	2	06AUG09	19AUG09	19AUG09	9		0.00	32,984.00	0										EM//TB =400hr ;
S52-12.01		Install Rogowski coils	3	2	20AUG09	24AUG09	24AUG09	9		0.00	8,246.00	0										EM//TB =100hr ;
S21-9.01		Install trim coil and supports	3	2	25AUG09	27AUG09	27AUG09	9		0.00	9,895.20	0										EM//TB =120hr ;
S52-13.01		Obtain set of Period 1 align fiducial positions	2	2	28AUG09	31AUG09	31AUG09	9		0.00	0.00	0										EM//TB =00hr ; ZMET =100 ;
S52-13.02		align to tooling balls on each MCHP	1	2	01SEP09	01SEP09	01SEP09	9		0.00	0.00	0										EM//TB =00hr ; ZMET =20 ;
S52-13.03		bring the VV into proper alignment	2	2	02SEP09	03SEP09	03SEP09	9		0.00	6,596.80	0										EM//TB =80hr ;
S52-13.04		Install or identify three primary fiducials	1	2	04SEP09	04SEP09	04SEP09	9		0.00	3,298.40	0										EM//TB =40hr ;
S52-13.05		Make a final measurement of all fiducials	2	2	08SEP09	09SEP09	09SEP09	9		0.00	0.00	0										EM//TB =00hr ; ZMET =100 ;
S52-13.11		Check Assembly (bolts, etc)	3	2	10SEP09	14SEP09	14SEP09	9		0.00	8,246.00	0										EM//TB =100hr ;
S52-13.12		Check Diagnostics (Loops, thermocouples)	2	2	15SEP09	16SEP09	16SEP09	9		0.00	8,246.00	0										EM//TB =100hr ;
S52-13.13		Check manifolds (pressure, flow, etc.)	3	2	17SEP09	21SEP09	21SEP09	9		0.00	8,246.00	0										EM//TB =100hr ;
S52-13.14		Check 6 modcoils (voltage etc)	3	2	22SEP09	24SEP09	24SEP09	9		0.00	9,895.20	0										EM//TB =120hr ;
S52-13.15		Check trim coils (voltage etc)	2	2	25SEP09	28SEP09	28SEP09	9		0.00	4,947.60	0										EM//TB =60hr ;
S52-13.16		Check TF coils (voltage etc)	2	2	29SEP09	30SEP09	30SEP09	9		0.00	9,895.20	0										EM//TB =120hr ;
S52-14.01		Install crane rigging to completed Period assy	1	2	01OCT09	01OCT09	01OCT09	9		0.00	3,410.40	0										EM//TB =40hr ;
S52-14.02		Remove platforms	1	2	02OCT09	02OCT09	02OCT09	9		0.00	1,705.20	0										EM//TB =20hr ;
S52-14.03		Transfer Period 2 to Station 6 in NCSX tTC.	1	2	05OCT09	05OCT09	05OCT09	9		0.00	3,410.40	0										EM//TB =40hr ;
S52-14.03M	2	Complete 2nd Field Period Assy. (Sta.5)	0	2		05OCT09	05OCT09	9		0.00	0.00	0										▼
Station 5- Final FP Assy -FP#3 (in NCSX TC)																						
S53-1.01		cut off short dome	1	2	09JUN09	09JUN09	09JUN09	0		0.00	3,298.40	0										EM//TB =40hr ;
S53-1.02		Install insulation system around all ports.	0	2	10JUN09	09JUN09	09JUN09	0		0.00	0.00	0										EM//TB =00hr ;
S53-1.03		Install heat tape and theomocouples on all ports	0	2	10JUN09	09JUN09	09JUN09	0		0.00	0.00	0										EM//TB =00hr ;
S53-2.01		Install period support fixture	1	2	10JUN09	10JUN09	10JUN09	0		0.00	3,298.40	0										EM//TB =40hr ;
S53-2.02		Install FPA on support stand.	1	2	11JUN09	11JUN09	11JUN09	0		0.00	3,298.40	0										EM//TB =40hr ;
S53-2.03		Install external working platforms	2	2	12JUN09	15JUN09	15JUN09	0		0.00	6,596.80	0										EM//TB =80hr ;
S53-2.04		Install internal VV working platforms	2	2	16JUN09	17JUN09	17JUN09	0		0.00	4,947.60	0										EM//TB =60hr ;

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 Variance	FY08			FY09			FY10			
S53-3.01		Install the domes (left and right side),	1	2	18JUN09	18JUN09	18JUN09	0		0.00	3,298.40	0										EM/TB =40hr ;
S53-3.02		Install small dome ports remaining circ ports.	15	2	19JUN09	10JUL09	10JUL09	0		0.00	49,476.00	0										EM/TB =600hr ;
S53-3.03		Leak check each port after it is welded.	15	2	30JUN09	21JUL09	21JUL09	0		0.00	49,476.00	0										EM/TB =600hr ;
S53-4.01		Install boots on ports except for the two port	8	2	16JUL09	27JUL09	27JUL09	0		0.00	26,387.20	0										EM/TB =320hr ;
S53-5.01		Install MC lead connections on each of the MC's	1	2	28JUL09	28JUL09	28JUL09	0		0.00	0.00	0										EM/TB =00hr ;
S53-5.02		Install MC coolant lines on each MC	6	2	29JUL09	05AUG09	05AUG09	0		0.00	19,790.40	0										EM/TB =240hr ;
S53-5.03		Platforms may need to be altered	2	2	06AUG09	07AUG09	07AUG09	0		0.00	4,947.60	0										EM/TB =60hr ;
S53-6.01		Rotate 2 TF coils over the MC on the right side	1	2	10AUG09	10AUG09	10AUG09	0		0.00	3,298.40	0										EM/TB =40hr ;
S53-6.02		Attach the temp support at end of Type-C MC	1	2	11AUG09	11AUG09	11AUG09	0		0.00	1,649.20	0										EM/TB =20hr ;
S53-6.03		Lower leveler pad disengage base of MC right sid	0	2	12AUG09	11AUG09	11AUG09	0		0.00	0.00	0										EM/TB =00hr ;
S53-6.04		Install TF support brackets	1	2	12AUG09	12AUG09	12AUG09	0		0.00	3,298.40	0										EM/TB =40hr ;
S53-6.05		Secure First TF assy	1	2	13AUG09	13AUG09	13AUG09	0		0.00	1,649.20	0										EM/TB =20hr ;
S53-6.06		Install TF support brackets	1	2	14AUG09	14AUG09	14AUG09	0		0.00	3,298.40	0										EM/TB =40hr ;
S53-6.07		Secure 2nd TF coil	1	2	17AUG09	17AUG09	17AUG09	0		0.00	1,649.20	0										EM/TB =20hr ;
S53-6.08		Install machine support plates	1	2	18AUG09	18AUG09	18AUG09	0		0.00	4,947.60	0										EM/TB =60hr ;
S53-6.09		Reinstall leveler pad	0	2	19AUG09	18AUG09	18AUG09	0		0.00	0.00	0										EM/TB =00hr ;
S53-6.1		Installed one side of the TF support brackets	1	2	19AUG09	19AUG09	19AUG09	0		0.00	1,649.20	0										EM/TB =20hr ;
S53-7.01		The TF installation on the left side	6	2	20AUG09	27AUG09	27AUG09	0		0.00	21,439.60	0										EM/TB =260hr ;
S53-8.01		Perform a fit-up check of the four TF coils	3	2	28AUG09	01SEP09	01SEP09	0		0.00	8,246.00	0										EM/TB =100hr ;
S53-9.01		Tack weld the left and right port 4's.	1	2	02SEP09	02SEP09	02SEP09	0		0.00	3,298.40	0										EM/TB =40hr ;
S53-9.02		Install boots on both port 4's.	2	2	03SEP09	04SEP09	04SEP09	0		0.00	6,596.80	0										EM/TB =80hr ;
S53-10.01		Install PF coil support structure	4	2	08SEP09	11SEP09	11SEP09	0		0.00	13,193.60	0										EM/TB =160hr ;
S53-11.01		Install tMC coolant manifold	2	2	14SEP09	15SEP09	15SEP09	0		0.00	4,947.60	0										EM/TB =60hr ;
S53-11.02		Connect MC coolant lines to the manifold	10	2	16SEP09	29SEP09	29SEP09	0		0.00	32,984.00	0										EM/TB =400hr ;
S53-12.01		Install Rogowski coils	3	2	30SEP09	02OCT09	02OCT09	0		0.00	8,432.67	0										EM/TB =100hr ;
S22-9.01		Install trim coil	3	2	05OCT09	07OCT09	07OCT09	0		0.00	10,231.20	0										EM/TB =120hr ;
S53-13.01		Obtain set of Period 1 align fiducial positions	2	2	08OCT09	09OCT09	09OCT09	0		0.00	0.00	0				EM/TB =00hr ;	ZMET =100 ;					;
S53-13.02		align to tooling balls on each MCHP	1	2	12OCT09	12OCT09	12OCT09	0		0.00	0.00	0				EM/TB =00hr ;	ZMET =20 ;					;
S53-13.03		bring the VV into proper alignment	2	2	13OCT09	14OCT09	14OCT09	0		0.00	6,820.80	0										EM/TB =80hr ;
S53-13.04		Install or identify three primary fiducials	1	2	15OCT09	15OCT09	15OCT09	0		0.00	3,410.40	0										EM/TB =40hr ;
S53-13.05		Make a final measurement of all fiducials	3	2	16OCT09	20OCT09	20OCT09	0		0.00	0.00	0				EM/TB =00hr ;	ZMET =100 ;					;
S53-13.11		Check Assembly (bolts, etc)	2	2	21OCT09	22OCT09	22OCT09	0		0.00	8,526.00	0										EM/TB =100hr ;
S53-13.12		Check Diagnostics (Loops, thermocouples)	3	2	23OCT09	27OCT09	27OCT09	0		0.00	8,526.00	0										EM/TB =100hr ;
S53-13.13		Check manifolds (pressure, flow, etc.)	2	2	28OCT09	29OCT09	29OCT09	0		0.00	8,526.00	0										EM/TB =100hr ;
S53-13.14		Check 6 modcoils (voltage etc)	3	2	30OCT09	03NOV09	03NOV09	0		0.00	10,231.20	0										EM/TB =120hr ;
S53-13.15		Check trim coils (voltage etc)	2	2	04NOV09	05NOV09	05NOV09	0		0.00	5,115.60	0										EM/TB =60hr ;
S53-13.16		Check TF coils (voltage etc)	3	2	06NOV09	10NOV09	10NOV09	0		0.00	10,231.20	0										EM/TB =120hr ;
S53-14.01		Install crane rigging to completed Period assy	1	2	11NOV09	11NOV09	11NOV09	0		0.00	3,410.40	0										EM/TB =40hr ;
S53-14.02		Remove platforms	1	2	12NOV09	12NOV09	12NOV09	0		0.00	1,705.20	0										EM/TB =20hr ;
S53-14.03		Transfer Period 3 to Station 6 in NCSX tTC.	1	2	13NOV09	13NOV09	13NOV09	0		0.00	3,410.40	0										EM/TB =40hr ;
R1810-5333		Last field period assembled	0	2		13NOV09	13NOV09	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 Variance	FY08			FY09			FY10			
21 - Fueling Systems																						
Job: 2101 - Fueling Systems-BLANCHARD																						
211-101		Preliminary Design	20		01SEP09*	29SEP09	29SEP09	55		0.00	12,552.88	0										em//em=32;em//sb=24 ea//sb=8; ee//sm=24
211-105		PDR	1		30SEP09	30SEP09	30SEP09	55		0.00	0.00	0										
211-109		Final Design	20		01OCT09	28OCT09	28OCT09	55		0.00	21,133.36	0										em//em=48; ea//sb=24 ee//sm=40; em//sb=32
211-113		FDR	1		29OCT09	29OCT09	29OCT09	55		0.00	0.00	0										EM//EM =30hr ;
211-117		Title III	85		30OCT09	11MAR10	11MAR10	644	LOE	0.00	2,738.08	0										41=05\$K ;
211-121		Procure Material and Supplies	65		30OCT09	11FEB10	11FEB10	55		0.00	7,160.00	0										em//sb=52; em//tb=72 em//em=24; ee//sm=56
211-125		Fabricate/Install/Test	40		28APR10	23JUN10	23JUN10	2		0.00	24,898.28	0										
22 - Torus Vacuum Pumping Systems																						
Job: 2201 - Vacuum Pumping Systems-BLANCHARD																						
220-101		Preliminary Design	30		02JAN09*	12FEB09	12FEB09	190		0.00	30,783.52	0										em//em=64; em//sb=24; ea//sb= ee//sm=16; ee//em=32
220-105		PDR	1		13FEB09	13FEB09	13FEB09	190		0.00	0.00	0										
220-109		Final Design	35		16FEB09	03APR09	03APR09	190		0.00	39,214.80	0										ee//sm=32; ea//sb=132; em//em=88; em//sb=32
220-113		FDR	1		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										41=7.5k ; ea//sb=72; ee//sm=48; ee//tb=320
220-133		Procure/Install VPS mechanical	115		30OCT09	22APR10	22APR10	25		0.00	45,270.28	0										em//tb=224; em//sm=48 41=10k; em//em=36
220-137		Test	20		23APR10*	20MAY10	20MAY10	25		0.00	3,002.12	0										em//em=12; em//sb=8
31 - Magnetic Diagnostics																						
Job: 3101 - Magnetic Diagnostics-STRATTON																						
Modular Coil C-wound Loops																						
3101-229		Fabricate(12) MC Protective boxes (completed)	43		01MAY07A	01MAY07A	01MAY07A			0.00	0.00	0										
Rogowski Coils																						
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		PDR - ROWGOWSKI COIL	0		29JUN07A	25JUL07*			100	0.00	0.00	17										
3101-325		FINAL DESIGN ROWGOSKI COIL	7*		01AUG07*	09AUG07	06SEP07	347	90	19,292.30	21,435.88	19										EM//EM =126hr ;em//sm=16;ea//sb=4
3101-340		subcontract winding 3 mandrels*DELETED TASK	0*		01AUG07*	31JUL07	06SEP07	1,291		0.00	0.00	26										
3101-326	3	FDR - ROWGOSKI COIL	0		09AUG07	06SEP07	06SEP07	347		0.00	0.00	19										
3101-329		FAB ROWGOWSKI COILS incl clamps	45		10AUG07	12OCT07	08NOV07	347		0.00	40,642.65	19										41=4.5\$K ; EM//EM =15hr ; EM//SM =32hr ; EM//TB =122hr ;41=\$15k
3101-330		Title III	45		10AUG07	12OCT07	08NOV07	347	LOE	0.00	9,182.13	19										EM//EM =60
TF and PF Co-wound Loops																						
3101-425		Design Protective boxes for PF	20		01OCT07*	26OCT07	26OCT07	242		0.00	24,881.50	0										EA//SB =60hr ; EM//EM =110hr ;
3101-426		Purchase SS Sheet	15		29OCT07*	16NOV07	16NOV07	242		0.00	1,218.07	0										EM//TB =1; 41=0.87k
3101-452		Form Protective boxes	20		19NOV07	18DEC07	18DEC07	242		0.00	13,475.22	0										em//sm=102
3101-454		Weld end plates of PF protective boxes	10		19DEC07	10JAN08	10JAN08	242		0.00	1,441.98	0										em//tb=18
3101-427		Purchase Heat Shrink tubing	15		04SEP07*	24SEP07	24SEP07	286		0.00	3,002.90	0										EM//TB =6; 41=2.0k

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 Variance	FY08												FY09												FY10													
3101-428		Purchase aad'I CoAxial cable	40		04SEP07*	29OCT07	29OCT07	261		0.00	5,973.11	0	EM/TB =2hr ; 41=4.5\$K ;																																					
3101-450		Prototype PF Loops	10		30OCT07*	12NOV07	12NOV07	261		0.00	1,585.32	0	em/sm=12																																					
3101-458		FabTF,PF & solenoid co-wound loops	134*		02JUL07A	18JAN08	18JAN08	261	30	5,042.33	16,807.76	0	em/sm=130																																					
3101-456		Title III	70		29OCT07	14FEB08	14FEB08	242	LOE	0.00	5,788.44	0	em/em=36																																					
T/C and Heater Tape Leads																																																		
1204-140		Design T/C and Heater Tape Leads	44*		30JUL07A	28SEP07	28AUG07	110	20	5,007.22	25,036.12	-22	EM/EM =166																																					
1204-140.2		Design Drafting T/C and Heater Tape Leads	44*		30JUL07A	28SEP07	28AUG07	1,249	20	674.76	3,373.80	-22	ea/sb=30																																					
1204-140.1		Peer Review T/C and Heater Tape Leads DELETED**	0		01AUG07	31JUL07	14AUG07	1,291		0.00	0.00	10																																						
1204-141		Drawings Signed T/C and Heater Tape Leads	0			28SEP07	28AUG07	110		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	110	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	155		0.00	0.00	-22																																						
1204-151		Machine 6 commercial aluminum boxes	20		01OCT07	26OCT07	26SEP07	155	17	783.45	4,608.54	-22	em/sm=36																																					
Flux loop junction boxes and spacer templates																																																		
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		01AUG07*	14AUG07	14AUG07	593		0.00	6,747.60	0	ea/sb=60																																					
1204-172		Title III	96*		15MAY07A	28SEP07	28SEP07	1,249	LOE	10,171.30	18,098.40	0	EM/em=120																																					
1204-173		Purchase material for boxes&spacers (in job 1204	35		20JUN07A	29JUN07A	08AUG07		100	6,111.88	6,111.88	27	em/em=32;em/em=4;em/tb=4																																					
Voltage Loops & Protective Boxes																																																		
3101-800		Design Routing and Boxes	20		01OCT07*	26OCT07	26OCT07	239		0.00	9,794.54	0	em/em=46;ea/sb=20																																					
3101-802		Fab 3 protective Boxes	10		29OCT07	09NOV07	09NOV07	249		0.00	1,118.28	0	41=0.12k; em/tb=12																																					
3101-804		Purchase 900ft cable	20		29OCT07*	23NOV07	23NOV07	239		0.00	2,414.38	0	41=1.6k;em/em=2																																					
3101-806		Title III	20		29OCT07	23NOV07	23NOV07	239	LOE	0.00	964.74	0	em/em=6																																					
36 - Edge and Divertor Diagnostics																																																		
Job: 3601 - Edge Divertor Diagnostics-STRATTON																																																		
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																																					
38 - Electron Beam (EB) Mapping																																																		
Job: 3801 - Electron Beam Mapping-STRATTON																																																		
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		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		24JUN09	24JUN09	24JUN09	114		0.00	0.00	0																																						

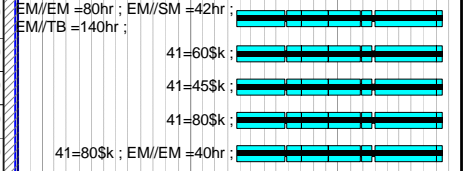
Activity ID	LESTOI	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Variance	FY08			FY09			FY10		
380-115		E-beam mapping-Procure Rack	65		01OCT09*	13JAN10	13JAN10	46		0.00	47,369.60	0									
380-120		E-beam mapping-Procure Ports	65		01OCT09	13JAN10	13JAN10	46		0.00	5,728.00	0									
380-130		E-beam mapping-Procure Data Acquisition	65		01OCT09*	13JAN10	13JAN10	46		0.00	14,320.00	0									
380-135		E-beam mapping- Assemble	65		14JAN10*	14APR10	14APR10	46		0.00	94,239.24	0									
380-135M	2	E-beam mapping apparatus ready for Installation	0			14APR10	14APR10	46		0.00	0.00	0									
39 - Diagnostics Integration																					
Job: 3901 - Diagnostics sys Integration-STRATTON																					
390-03		LOE Support FY07	106*		01MAY07A	28SEP07	28SEP07	1,249	LOE	6,861.10	11,359.44	0									
390-04		LOE Support FY08	249*		01OCT07*	29SEP08	29SEP08	1,000	LOE	0.00	29,228.35	0									
390-05		LOE Support FY09	247*		01OCT08*	28SEP09	28SEP09	752	LOE	0.00	30,084.70	0									
390-06		LOE Support FY10	246*		01OCT09*	28SEP10	28SEP10	504	LOE	0.00	62,037.90	0									
61 - Water Systems																					
Job: 6101 - Water Systems-DUDEK																					
613 - Vacuum Pumping System																					
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									
62 - Cryogenic Systems																					
Job: 6201 - Cryogenic Syst-GETTELFINGER																					
621 - LN2-LHe Supply System																					
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									
622 - LN2 Coil Cooling Supply																					
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									
623 - GN2 Cryostat Cooling System																					
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		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 Variance	FY08			FY09			FY10			
623-181		GN2 Cryostat Cooling Sys-WBS 62/171 FDR	1		11AUG09	11AUG09	11AUG09	49		0.00	1,324.00	0										EM/EM =08hr ;
623-201		GN2 Cryostat Cooling Sys-Procure Hardware	88		12AUG09	16DEC09	16DEC09	49		0.00	144,346.32	0										41=101.785\$K ;
623-221		GN2 Cryostat Cooling Sys-Assemble & Install	122		17DEC09	17JUN10	17JUN10	49		0.00	156,307.20	0										EM//TB =1,600hr ;ee//tb=240
623-261		WBS 62/171 Cryo systems PTP	10		18JUN10	01JUL10	01JUL10	49		0.00	13,666.00	0										EM//EM =40hr ; EM//TB =80hr ;
623-261M	2	Complete Cryo Systems Pre-ops Test	0			01JUL10	01JUL10	49		0.00	0.00	0										
623-262		GN2 Cryostat Cooling Supply-Title III	258		12AUG09	25AUG10	25AUG10	527	LOE	0.00	8,177.58	0										EM//EM =48hr ;
63 - Utility Systems																						
Job: 6301 - Utility Systems-DUDEK																						
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		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		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 ;
64 - PFC/VV Heating & Cooling (Bakeout)																						
Job: 6401 - PFC/VV Htng/Cooling(bakeout)- KALISH																						
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		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		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 ;
73 - Platform Design & Fabrication																						
Job: 7301 - Platform Design & Fab-PERRY																						
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 ;
74 - Machine Assembly Planning and Oversight																						
Job: 7401 - TC Prep & Mach Assy Planning-PERRY																						
Oversight and Supervision																						
1802ORNLF		ORNLF Title III final machine assy	482*		26JAN09	03JAN11	03JAN11	0	LOE	0.00	381,381.71	0										ORNLEM =1670;ornldm=835

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 Variance	FY08												FY09												FY10											
714.030		LOE Start of assy through thru completion	482*	LOE	26JAN09	03JAN11	03JAN11	0	LOE	0.00	1,024,421.59	0	Perry 1.0 fte Langella 1.0 fte																																			
714.031		Additional supervision for 2nd shift	217*	2	05MAR10	03JAN11	03JAN11	0	LOE	0.00	260,116.73	0	2nd shift supervision 1.0 fte																																			
7401ACPWR		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	EM//EM =120hr ; EE//SM =90																																			
714.025		Update Final Assembly Plan	45		03OCT08*	08DEC08	08DEC08	30		0.00	26,480.00	0	EM//EM =160hr ;																																			
7502-001		Test Cell 110/208voutlets GPP SCOPE TO COMPLETE	65		15AUG08*	14NOV08	14NOV08	44		0.00	0.00	0																																				
75 - Test Cell and Basement Assembly Operations																																																
Job: 7501 - Construction Support Crew-PERRY																																																
General Assy Support																																																
7501-06		Construction Support Crew for 2nd shift	217*	2	05MAR10	03JAN11	03JAN11	0	LOE	0.00	445,558.64	0	Tool Crib Control em//tb=(.75 fte) Crane Operator & support em//tb= (1.0 fte) Forklift Operator & support em//tb= (1.0 fte)																																			
7501-05		Construction Support Crew during machine assy	504*		26JAN09	03JAN11	03JAN11	0	LOE	0.00	960,961.90	0																																				
Job: 7503 - Machine Assembly (station 6)-PERRY																																																
7501-10		Fabricate/Assemble assembly structure	30	1	04DEC08	23JAN09	23JAN09	13		0.00	239,444.80	0	EM//EM =96hr ; EM//TB =960hr EM//SM =240hr ; 41=80\$K ;																																			
7501-10.1		Fab struct to go between assy sleds&FPA's	20	1	04DEC08	09JAN09	09JAN09	23		0.00	239,444.80	0	41=80; EM//EM=96 EM//SM=24																																			
7501-10.2		Assemble 3 FPA support stands	15	1	12NOV08*	04DEC08	04DEC08	12		0.00	63,842.40	0	EM//EM=48 EM//SM=120 EM//TB																																			
7501-10.3		Assemble 3 VV spool piece support stands	10	1	05DEC08	18DEC08	18DEC08	12		0.00	42,561.60	0	EM//EM=32 EM//SM=80 EM//TB																																			
7501-10.4		Assemble machine base structure	10	1	19DEC08	12JAN09	12JAN09	12		0.00	42,561.60	0	EM//EM= 32 EM//SM=80 EM//T																																			
7501-10.4M	2	Complete Base Support Structure Assembly	0	1		12JAN09	12JAN09	12		0.00	0.00	0	EM//EM=32 EM//SM= 80 EM//																																			
7501-10.5		Assemble 3 FPA installation carts	10	1	13JAN09	26JAN09	26JAN09	12		0.00	42,561.60	0	41=24; EM//TB=480																																			
7501-10.6		Fab 3 laser support poles	30	1	20NOV08*	13JAN09	13JAN09	70		0.00	73,108.80	0	41=18 ;EM//EM=20 EM//TB=192																																			
7501-10.7		Fab 3 concrete blocks for testing assy struct	12	1	14JAN09	29JAN09	29JAN09	70		0.00	44,288.32	0	EA//EM =60hr ; EM//TB =480hr ; EM//SM =120hr ;																																			
7503-010		Begin Assembly Activities	0	1	26JAN09*			3		0.00	0.00	0	EM//EM =72hr ; EM//SM =180hr ; EM//TB =720hr ;																																			
7503-020		Install Permanent support base and columns	10	1	26JAN09	06FEB09	06FEB09	3		0.00	67,371.00	0	EM//SM =16hr ; EM//TB =32hr ;																																			
7503-015		Install Temp Assembly Structure	15	1	09FEB09	27FEB09	27FEB09	3		0.00	95,763.60	0	EA//EM =40hr ; EM//TB =320hr ; EM//SM =80hr ; EM//TB =80hr ;																																			
7503-060		Install Lower PF 4,5&6 into prelim position	1	1	02MAR09	02MAR09	02MAR09	3		0.00	4,814.40	0	Metrr=640;EM//EM=64 EM//TB=160																																			
7503-070		Install 3 Spool Pieces on fixt & test movement	10	1	03MAR09	16MAR09	16MAR09	3		0.00	51,510.80	0	Metrr=120;EM//EM=48 EM																																			
7501-10.9		Install test cell metrology site monuments & chk	20	1	17MAR09	13APR09	13APR09	3		0.00	85,123.20	0	EM//EM=80EM//SM=320 EM//TB=640																																			
7501-10.10		Test TC floor deflections with concrete block	15	1	14APR09	04MAY09	04MAY09	3		0.00	73,737.60	0	Metrr=320;EM//EM=80E																																			
7501-10.8		Exercise assy struc with concrete blocks & metro	20	2	05MAY09	02JUN09	02JUN09	3		0.00	109,528.00	0	EM//EM =80hr ; EM//TB =640hr ; EM//SM =320hr ; EM//TB =320hr ;																																			
7503-080A		FPA-1 Installation and assembly test	20	1	03JUN09	30JUN09	30JUN09	3		0.00	135,915.20	0	EA//EM =288hr ; mtrlogy =288hr ;																																			
7503-080		FPA-1 Installed on sleds	0	1		30JUN09	30JUN09	3		0.00	0.00	0	41=45\$K ; EM//EM =12hr ;																																			
7501-11		Exercise assy struc w/FPA-1 before start of assy	40	1	01JUL09	26AUG09	26AUG09	3		0.00	135,915.20	0	41=30\$K ; EM//EM =8hr ;																																			
7503-415.7		Measure vsI gaps to determ spool piece dimension	18	1	27AUG09	22SEP09	22SEP09	3		0.00	78,816.96	0	41=30\$K ; EM//EM =8hr ;																																			
7503-415.0		Spool piece installation test	20	1	23SEP09	20OCT09	20OCT09	3		0.00	139,146.96	0	41=30\$K ; EM//EM =8hr ;																																			
7503-416.1		Machine Flange A & B of Spool Piece 1	30	1	21OCT09	03DEC09	03DEC09	3		0.00	44,329.04	0	41=30\$K ; EM//EM =8hr ;																																			
7503-416.2		Machine Flange A & B of Spool Piece 2	30	1	04DEC09	26JAN10	26JAN10	3		0.00	44,329.04	0	41=30\$K ; EM//EM =8hr ;																																			
7503-416.3		Machine Flange A & B of Spool Piece 3	30	1	27JAN10	09MAR10	09MAR10	3		0.00	44,329.04	0	41=30\$K ; EM//EM =8hr ;																																			

Activity ID	LESTOI	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Variance	FY08												FY09												FY10											
7503-110A		FPA-2 Installation and assembly test	20	1	06OCT09	02NOV09	02NOV09	9		0.00	140,532.00	0	Metrr=320;EM/EM=80EM/SM=320 EM/TB=640																																			
7503-110		FPA-2 Installed on sleds	0	1		02NOV09	02NOV09	9		0.00	0.00	0	▼																																			
7503-150A		FPA-3 Installation and assembly test	20	1	16NOV09	15DEC09	15DEC09	0		0.00	140,532.00	0	Metrr=320;EM/EM=80EM/SM=320 EM/TB=640																																			
7503-150	2	FPA-3 Installed on sleds	0	1		15DEC09	15DEC09	0		0.00	0.00	0	▼																																			
7503-120		Test movement of FPA's incl position checks.	5	1	16DEC09	22DEC09	22DEC09	0		0.00	26,630.20	0	EA//EM =20hr ; EM//TB =160hr ; EM//SM =40hr ; EM//TB =40hr ;																																			
7503-400		Install inboard and outboard shims	6	1	04JAN10	11JAN10	11JAN10	0		0.00	95,147.05	0	41=36Sk ; 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	12JAN10	19JAN10	19JAN10	0		0.00	46,323.37	0	EA//EM =20hr ; EM//EM =29hr ; EM//SM =72hr ; EM//TB =288hr ; metrology=32																																			
7503-404		Weld inboard shims on mating flanges	6	1	20JAN10	27JAN10	27JAN10	0		0.00	43,595.05	0	EA//EM =20hr ; EM//EM =29hr ; EM//SM =72hr ; EM//TB =288hr ;																																			
7503-406		Install TF coils at ends of each FPA	6	1	28JAN10	04FEB10	04FEB10	0		0.00	27,211.20	0	EM//TB =48hr ; EM//SM =48hr ; EM//TB =192hr ;																																			
7503-410		Install spacer supports and spacers	2	1	05FEB10	08FEB10	08FEB10	0		0.00	7,706.24	0	EM//SM =16hr ; EM//TB =64hr ;																																			
7503-412		Move FPA's & spacers together/chk fitup	6	1	09FEB10	16FEB10	16FEB10	0		0.00	25,847.04	0	EM//SM =48hr ; EM//TB =192hr ;																																			
7503-412M	2	Move FPA's & spacers together/chk fitup complete	0	1		16FEB10	16FEB10	0		0.00	0.00	0	▼																																			
7503-414		Remove Spacers & Machine spacers to fit	4	1	17FEB10	22FEB10	22FEB10	0		0.00	5,456.64	0	EM//TB =64hr ;																																			
7503-415		Re-install spacers	2	1	23FEB10	24FEB10	24FEB10	0		0.00	7,706.24	0	EM//SM =16hr ; EM//TB =64hr ;																																			
7503-160		Position all FPA's / Spool Pieces @ MC Interface	6	1	25FEB10	04MAR10	04MAR10	0		0.00	31,956.24	0	EA//EM =24hr ; EM//TB =192hr ; EM//SM =48hr ; EM//TB =48hr ;																																			
7503-090		Install local Platforms around FPA-1	2	2	05MAR10	08MAR10	08MAR10	0		0.00	15,412.48	0	EM//TB =128hr ; EM//SM =32hr ;																																			
7503-130		Install local Platforms around FPA-2	2	2	09MAR10	10MAR10	10MAR10	0		0.00	15,412.48	0	EM//TB =128hr ; EM//SM =32hr ;																																			
7503-190		Install local Platforms around FPA-3	2	2	11MAR10	12MAR10	12MAR10	0		0.00	15,412.48	0	EM//TB =128hr ; EM//SM =32hr ;																																			
7503-415.5		MC Interface: meas holes/mark bushings f/drilling	3	1	05MAR10	09MAR10	09MAR10	0		0.00	11,559.36	0	EM//SM =24hr ; EM//TB =96hr ;																																			
7503-415.6		drill eccentric custom holes in bushings	3	1	10MAR10	12MAR10	12MAR10	0		0.00	20,151.36	0	EM//SM =24hr ; EM//TB =96hr ; 41=6Sk ;																																			
7503-416		Position Spool pieces and Bolt MC flanges	9	2	15MAR10	25MAR10	25MAR10	0		0.00	39,640.85	0	EM//EM =29hr ; EM//SM =72hr ; EM//TB =288hr ;																																			
7503-417		Retorque all super nuts after 30 days	6	2	26APR10	03MAY10	03MAY10	0		0.00	79,281.70	0	EM//EM =29hr ; EM//SM =72hr ; EM//TB =288hr ;																																			
7503-418		Raise permanent supports to take machine loads	8	2	26MAR10	06APR10	06APR10	3		0.00	114,363.36	0	EM//TB =180hr ; EM//EM =72hr ; EM//SM =180hr ; EM//TB =720hr ;																																			
7503-419		Remove temporary assy structure	1	2	07APR10	07APR10	07APR10	3		0.00	11,559.36	0	EM//SM =24hr ; EM//TB =96hr ;																																			
7503-419.1		Install/Level FPA's and spool piece supports	15	2	08APR10	28APR10	28APR10	3		0.00	159,781.20	0	EA//EM =120hr ; EM//TB =240hr ; EM//SM =240hr ; EM//TB =960hr ;																																			
7503-419.2		FPA Metrology checks to assure alignment	3	2	04MAY10	06MAY10	06MAY10	0		0.00	14,729.20	0	EA//EM =40hr ; EM//TB =40hr ; EM//TB =40hr ;																																			
7503-420		Mate-up and Weld spacers onto vvsa	15	2	07MAY10	27MAY10	27MAY10	0		0.00	171,865.20	0	EM//TB =180hr ; EM//SM =240hr ; EM//TB =1,440hr ;																																			
7503-422		Weld all six port 4's in place	15	2	28MAY10	18JUN10	18JUN10	0		0.00	91,810.80	0	EM//TB =60hr ; EM//SM =180hr ; EM//TB =720hr ;																																			
7503-422.1		Install E-Beam mapping & diag equip	5	2	21JUN10	25JUN10	25JUN10	0		0.00	45,376.40	0	EM//EM =40hr ; EM//SM =80hr ; EM//TB =320hr ;																																			
7503-240		Install Vacuum pumping system	3	2	21JUN10	23JUN10	23JUN10	2		0.00	19,265.60	0	EM//SM =40hr ; EM//TB =160hr ;																																			
7503-250	2	Begin Vac Vsl Pumpdown	0	2	28JUN10			0		0.00	0.00	0	***** PUMP DOWN OF VACUUM VESSEL DOE LEVEL 2 MILESTONE *****																																			
7503-260		PTP Pumpdown & leak check VV	8	2	28JUN10	08JUL10	08JUL10	0		0.00	57,796.80	0	EM//SM =120hr ; EM//TB =480hr ;																																			
7503-424		Install TF alignment & traction ring	4	2	09JUL10	14JUL10	14JUL10	0		0.00	40,467.27	0	EA//EM =13hr ; EM//TB =67hr ; EM//SM =67hr ; EM//TB =267hr ;																																			
7503-426		Pull TF coil radially inward. Verify nose fit up	5	2	15JUL10	21JUL10	21JUL10	0		0.00	40,467.27	0	EA//EM =13hr ; EM//TB =67hr ; EM//SM =67hr ; EM//TB =267hr ;																																			
7503-428		Lock TF coils at four support locations	4	2	22JUL10	27JUL10	27JUL10	0		0.00	40,467.27	0																																				
7503-430		Install MC structure insulation boots port 4's	5	2	28JUL10	03AUG10	03AUG10	0		0.00	38,531.20	0	EM//SM =80hr ; EM//TB =320hr ;																																			

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 Variance	FY08			FY09			FY10																
7503-431		Seal gaps MC shims,cooling tubes, for insul pour	10	2	04AUG10	17AUG10	17AUG10	0		0.00	77,062.40	0																							
7503-432		Fill MC/VVSA annulus with pourable aerogel insul	1	2	18AUG10	18AUG10	18AUG10	0		0.00	7,706.24	0																							
7503-433.1		Install LN2 manifolds	5	2	19AUG10	25AUG10	25AUG10	16		0.00	38,531.20	0																							
7503-434		Instl in-cryostat cabling for elect pwr to coils	8	2	19AUG10	30AUG10	30AUG10	0		0.00	52,172.80	0																							
7503-436		Connect cabling, and I&C to MC & TF Coils	8	2	31AUG10	10SEP10	10SEP10	0		0.00	52,172.80	0																							
7503-439		Complete mag diag & machine I&C	5	2	13SEP10	17SEP10	17SEP10	0		0.00	49,779.20	0																							
7503-438		Align guide mechanism for solenoid installation	1	2	20SEP10	20SEP10	20SEP10	0		0.00	7,562.76	0																							
7503-444		Install solenoid support structure	1	2	21SEP10	21SEP10	21SEP10	0		0.00	6,913.33	0																							
7503-440		Install solenoid assembly	1	2	22SEP10	22SEP10	22SEP10	0		0.00	6,913.33	0																							
7503-442		Connect cabling, LN2 andI&C to solenoid assy	1	2	23SEP10	23SEP10	23SEP10	0		0.00	3,853.12	0																							
7503-446		Install PF4L	1	2	24SEP10	24SEP10	24SEP10	0		0.00	3,853.12	0																							
7503-448		Connect cabling, LN2 and I&C to PF4L	1	2	27SEP10	27SEP10	27SEP10	0		0.00	3,853.12	0																							
7503-450		Adjust spring compression in solenoid sprt struc	1	2	28SEP10	28SEP10	28SEP10	0		0.00	3,853.12	0																							
7503-451		Raise lower PF 5&6 coils into final position	3	2	29SEP10	01OCT10	01OCT10	0		0.00	28,179.60	0																							
7503-452		Instl Upper PF 4, 5 & 6	3	2	04OCT10	06OCT10	06OCT10	0		0.00	28,811.28	0																							
7503-330	2	Begin Cryostat Installation	0	2	07OCT10			0		0.00	0.00	0																							
7503-454		Install cryostat base, vapor barrier port boots	5	2	07OCT10	13OCT10	13OCT10	0		0.00	39,841.60	0																							
7503-456		Install elec pwr, LN2, & instr feedthrus	3	2	14OCT10	18OCT10	18OCT10	0		0.00	19,920.80	0																							
7503-458		Integrated Electrical testing	5	2	19OCT10	25OCT10	25OCT10	0		0.00	53,997.60	0																							
7503-458M	2	Complete Power System Pre-ops Tests	0	2		25OCT10	25OCT10	0		0.00	0.00	0																							
7503-460		Instl transition box,cabling,&connect to pwr sup	5	2	26OCT10	01NOV10	01NOV10	34		0.00	39,841.60	0																							
7503-462		LN2 connections from coils to manifolds	5	2	26OCT10	01NOV10	01NOV10	8		0.00	39,841.60	0																							
7503-464		Connect coil & VV instrumentation	5	2	26OCT10	01NOV10	01NOV10	0		0.00	39,841.60	0																							
7503-466		Connect 150C bakeout	3	2	02NOV10	04NOV10	04NOV10	0		0.00	19,920.80	0																							
7503-470		Install cryostat cooling syst & instrumentation	10	2	12NOV10	29NOV10	29NOV10	0		0.00	159,366.40	0																							
7503-471		Install cryostat upper section, VB & port boots	5	2	30NOV10	06DEC10	06DEC10	0		0.00	39,841.60	0																							
7503-472		Install midplane cryostat sections & port boots	8	2	07DEC10	16DEC10	16DEC10	0		0.00	59,762.40	0																							
7503-473		Install cryostat circulation duct	3	2	17DEC10	21DEC10	21DEC10	0		0.00	19,920.80	0																							
730.8200		PTP and Cool down	3	2	22DEC10	03JAN11	03JAN11	0		0.00	68,103.20	0																							
730.8200M	2	Cooldown of Machine	0	2		03JAN11	03JAN11	0		0.00	0.00	0																							
76 - Tooling Design & Fabrication																																			
Job: 7601 - Tooling Design & Fabrication-PERRY																																			
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																							

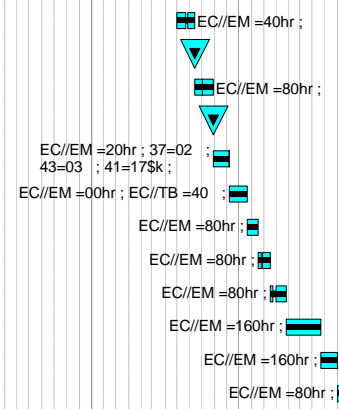
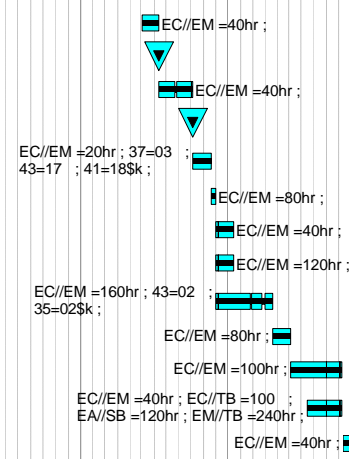
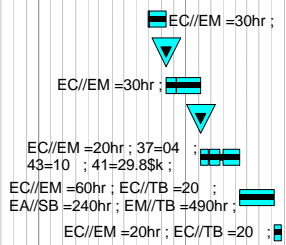


Activity ID	LESTOI	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Variance	FY08												FY09												FY10																																																	
													Gantt chart area for project activities																																																																									
Al vonHalle																																																																																						
41 - AC Power																																																																																						
Job: 4101 - AC Power-RAMAKRISHNAN																																																																																						
411 - Auxiliary AC Power Systems																																																																																						
4101-100.1		Prepare Preliminary One line diagram	173		01OCT08*	12JUN09	12JUN09	37		0.00	1,390.80	0																																					EA/SB =06hr ; EE//EM 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 ;																																					
411-2-6		Grounding-Install	43		29JAN10*	30MAR10	30MAR10	70		0.00	46,659.48	0																																					41=18\$K ; EE//EM =28hr ; EA//SB =56hr ; EE//TB =112hr ;																																					
411-2-8		Grounding-Commission	29		31MAR10*	10MAY10	10MAY10	70		0.00	16,166.80	0																																					EE//EM =24hr ; EA//SB =40hr ; EE//TB =80hr ;																																					
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&xfmrs)**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																																																																										
412 - Experimental AC Power Systems																																																																																						
412-1-2		C-site Pulsed AC Power Distr-Dsn	65		02MAR09*	01JUN09	01JUN09	46		0.00	4,832.00	0	EA//SB =16hr ; EE//EM =16hr ;																																																																									
412-1-4		C-site Pulsed AC Power Distr-Procure	94*		18AUG09	11JAN10	11JAN10	37		0.00	7,102.29	0																																					41=05\$K ;																																					
412-1-6		C-site Pulsed AC Power Distr-Install	40		12JAN10	08MAR10	08MAR10	37		0.00	11,553.36	0																																					EE//EM =08hr ; EE//SM =16hr ; EE//TB =80hr ; EA//SB =08hr ;																																					
412-1-8		C-site Pulsed AC Power Distr-Commission	78		09MAR10	25JUN10	25JUN10	37		0.00	11,384.00	0																																					EE//EM =24hr ; EE//SM =24hr ; EE//TB =40hr ;																																					
4101ACPWR																																																																																						
		Prior ac pwr work reclassified as gpp	356		01MAY07A	31MAY07A	31MAY07A			-104,100.00	-104,100.00	0																																																																										
43 - DC Systems																																																																																						
Job: 4301 - DC Systems-RAMAKRISHNAN																																																																																						
431 - C-Site DC Systems																																																																																						
431-200		Condition/spare parts inventory	20		01OCT08*	28OCT08	28OCT08	387		0.00	2,308.00	0																																					EE//EM =08hr ; EE//SM =06hr ;																																					
431-210		Organize & verify documentation	20		29OCT08*	25NOV08	25NOV08	387		0.00	4,531.16	0																																					EA//SB =10hr ; EE//EM =16hr ; EE//SM =03hr ;																																					
431-215		Document status	10		26NOV08*	11DEC08	11DEC08	387		0.00	2,857.28	0																																					EE//EM =16hr ;																																					
431-225		Reactivate DF & PEI units	15		12DEC08*	12JAN09	12JAN09	387		0.00	22,697.68	0																																					EE//EM =40hr ; EE//SM =08hr ; EE//TB =40hr ; 41=08\$K ;																																					
431-230		Duummy Load test of DF & PEI units	15		13JAN09*	02FEB09	02FEB09	387		0.00	11,490.04	0																																					EE//EM =32hr ; EE//TB =40hr ; EE//SM =08hr ; 41=01\$K ;																																					
431-240		Simulate each of 6 pwr loops in PSCAD	90		01OCT08*	16FEB09	16FEB09	260		0.00	18,572.32	0																																					EE//EM =104hr ;																																					
431-250		c-site dc sys DGS dsn documentation	90		01OCT08*	16FEB09	16FEB09	260		0.00	61,765.20	0																																					EA//SB =240hr ; EE//EM =180hr ;																																					
431-261		Redo power loop design	90		01OCT08*	16FEB09	16FEB09	260		0.00	52,479.04	0																																					EA//SB =240hr ; EE//EM =128hr ;																																					
431-265		Fabricate bus components	20		29JUL09*	25AUG09	25AUG09	146		0.00	86,139.48	0																																					EE//EM =16hr ; EE//SM =40hr ; EE//TB =120hr ; 41=45\$K ; EA//SB =40hr ;																																					
431-275		Power cabling & Installation	97		02NOV09*	30MAR10	30MAR10	99		0.00	317,964.40	0																																					41=140\$K ; EE//EM =40hr ; EE//SM =240hr ; EE//TB =520hr ; EA//SB =240hr ;																																					
431-276		Maint of C-site rectifiers	501		01OCT07*	02OCT09	02OCT09	216	LOE	0.00	22,026.38	0																																					41=05\$K ; EE//TB EE//SM =40hr ;																																					

Activity ID	LESTOI	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Variance	FY08			FY09			FY10		
44 - Control and protection Systems																					
Job: 4401 - Control & Protection-RAMAKRISHNAN																					
441 - Electrical Interlocks																					
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									
441-125		Program Control pages	40		11MAR10	05MAY10	05MAY10	75		0.00	30,509.20	0									
441-130		Pre-commissioning tests	20		06MAY10	03JUN10	03JUN10	75		0.00	27,004.00	0									
441-135		Install I/O Cabling control & protection	90		25FEB10	01JUL10	01JUL10	75		0.00	127,497.20	0									
442 - Kirk Key Interlocks																					
442-1-2		Kirk Keys-Dsn	40		01OCT09*	25NOV09	25NOV09	45		0.00	23,657.60	0									
442-1-4		Kirk Keys-Procure	65		30NOV09	10MAR10	10MAR10	45		0.00	19,434.40	0									
442-1-6		Kirk Keys-Install	90		01APR10*	06AUG10	06AUG10	30		0.00	34,702.00	0									
442-1-8		Kirk Keys-Commission	20		09AUG10	03SEP10	03SEP10	30		0.00	7,643.00	0									
443 - Real Time Control Systems																					
443-1-2		Develop Control Algorithms-Dsn	65		01OCT09*	13JAN10	13JAN10	195		0.00	14,772.00	0									
444 - Instrument Systems																					
444-2-2		DC Potential Transducers (DCPTs)-Dsn	40		01OCT09*	25NOV09	25NOV09	100		0.00	9,536.40	0									
444-2-4		DC Potential Transducers (DCPTs)-Procure	65		30NOV09	10MAR10	10MAR10	100		0.00	10,633.92	0									
444-2-6		DC Potential Transducers (DCPTs)-Install	40		11MAR10	05MAY10	05MAY10	100		0.00	21,894.32	0									
444-2-8		DC Potential Transducers (DCPTs)-Commission	15		06MAY10	26MAY10	26MAY10	100		0.00	13,041.60	0									
444-3-2		DC Shunts-Dsn	20		01OCT09*	28OCT09	28OCT09	240		0.00	8,515.44	0									
444-4-2		Signal Conditioning & Cabling-Dsn	130		01JUL09*	14JAN10	14JAN10	54		0.00	90,210.87	0									
444-4-4		Signal Conditioning & Cabling-Procure	65		15JAN10	15APR10	15APR10	54		0.00	20,138.40	0									
444-4-6		Signal Conditioning & Cabling-Install	65		16APR10	19JUL10	19JUL10	54		0.00	27,638.00	0									
444-4-8		Signal Conditioning & Cabling-Commission	10		20JUL10	02AUG10	02AUG10	54		0.00	18,240.40	0									
445 - Coil Protection Systems																					
445-1-2		Ground Fault Protection-Dsn	65		02FEB09*	01MAY09	01MAY09	66		0.00	35,854.56	0									
445-1-4		Ground Fault Protection-Procure	65		18AUG09*	17NOV09	17NOV09	81		0.00	28,383.62	0									
445-1-6		Ground Fault Protection-Install	75		18NOV09*	16MAR10	16MAR10	81		0.00	25,626.96	0									
445-1-8		Ground Fault Protection-Commission	70		17MAR10	23JUN10	23JUN10	81		0.00	10,720.96	0									
445-2-105		Overload Protect-Write spec and approve	20		03AUG09*	28AUG09	28AUG09	102		0.00	14,286.40	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 Variance	FY08			FY09			FY10		
445-2-110		Overload Protect-Design	40		31AUG09*	26OCT09	26OCT09	112		0.00	26,177.60	0									
445-2-115		Overload Protect-Fabr 4 chassis	65		27OCT09*	08FEB10	08FEB10	132		0.00	27,049.20	0									
445-2-120		Overload Protect-Test 4 units	10		09FEB10	22FEB10	22FEB10	132		0.00	10,758.40	0									
445-2-125		Overload Protect-Install & Rack wiring	20		23FEB10	22MAR10	22MAR10	132		0.00	20,532.55	0									
445-2-130		Overload Protect-Write & perform ISTEP	15		23MAR10	12APR10	12APR10	132		0.00	10,758.40	0									
445-2-135		Overload Protect-Documentation	180		31AUG09*	24MAY10	24MAY10	102		0.00	11,077.36	0									
445-2-140		Overload Protection&cabling design,procure instl	130		27OCT09*	10MAY10	10MAY10	112		0.00	61,328.23	0									
45 - Power System Design and Integration																					
Job: 4501 - Power Sys Dsn & Integr-RAMAKRISHNAN																					
451 - System Design & Interfaces																					
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	PDR Power system -Dsn	0			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	FDR C-Site	0			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		FDR AC auxiliaries & grounding-Dsn	0			17AUG09	17AUG09	37		0.00	0.00	0									
452 - Electrical Systems Support																					
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									
453 - System Testing (PTP's)																					
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		21SEP10*	18OCT10	18OCT10	0		0.00	19,276.93	0									
453-1-5		PF Coil Test	20		21SEP10*	18OCT10	18OCT10	0		0.00	19,276.93	0									
453-1-6		Trim Coil Coil Test	20		21SEP10*	18OCT10	18OCT10	0		0.00	18,550.13	0									
453-1-8		Testing PTPs, ISTEPs	100		27MAY10*	18OCT10	18OCT10	0		0.00	159,346.02	0									

Activity ID	LESTOI	Activity Description	Duration (work days)	SHFT	Forecast Start	Forecast Finish	Baseline Finish	Total Float	%	Earned value cost (BCWP)	Proposed Baseline Budget	Schedule Variance	FY08			FY09			FY10		
51 - Network and Fiber Infrastructure																					
Job: 5101 - Network and Fiber Infrastruct-SICHTA																					
R51-10		Preliminary Design	30		01JUL09*	12AUG09	12AUG09	93		0.00	4,652.70	0									
R51-11		PDR	0			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			05NOV09	05NOV09	93		0.00	0.00	0									
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									
52 - Central Instrumentation & Control																					
Job: 5201 - I&C Systems-SICHTA																					
R52-10		Preliminary Design	30		02MAR09*	10APR09	10APR09	49		0.00	6,203.60	0									
R52-11		PDR	0			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			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									
53 - Data Acquisition & Facility Computing																					
Job: 5301 - Data Acquisition-SICHTA																					
R53-10		Preliminary Design	30		01MAY09*	12JUN09	12JUN09	55		0.00	6,203.60	0									
R53-11		PDR	0			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			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									



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 Variance	FY08			FY09			FY10			
R53-120		Test	14		01JUL10	21JUL10	21JUL10	55		0.00	9,532.80	0										EC//EM =40hr ; EC//TB =40
54 - Facility Timing & Synchronization																						
Job: 5401 - Facility Timing & Synchron.-SICHTA																						
R54-10		Preliminary System Design	30		01JUL09*	12AUG09	12AUG09	43		0.00	6,203.60	0										EC//EM =40hr ;
R54-11		PDR	0			12AUG09	12AUG09	43		0.00	0.00	0										
R54-20		Final SystemDesign	40		13AUG09	08OCT09	08OCT09	43		0.00	6,235.22	0										EC//EM =40hr ;
R54-21		FDR	0			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										EC//EM =20hr ; EE//EM =40hr ;
R54-40		Final Design - Clock Dist.	30		06NOV09	21DEC09	21DEC09	143		0.00	25,365.20	0										EC//EM =20hr ; EE//EM =120hr ;
R54-50		Test - Clock Dist.	40		26FEB10	22APR10	22APR10	103		0.00	31,617.80	0										EC//EM =20hr ; EE//EM =100hr ; EE//TB =120hr ;
R54-60		Procurement	90		09OCT09	25FEB10	25FEB10	53		0.00	36,330.40	0										EC//EM =40hr ; 37=04 ; 43=14 ; 41=16\$K ;
R54-70		UNT - Timing & Seq Emulation (FPGA Pgm)	90		02NOV09*	19MAR10	19MAR10	127		0.00	12,473.60	0										EC//EM =00hr ; EC//TB =160 ;
R54-80		UNT - Device Driver Prog (EPICS/MDSplus)	120		08DEC09	04JUN10	04JUN10	43		0.00	25,657.60	0										EC//EM =160hr ;
R54-90		Central Clock (EPICS) Programming	30		07JUN10	19JUL10	19JUL10	43		0.00	12,828.80	0										EC//EM =80hr ;
R54-100		Installation	90		26FEB10	02JUL10	02JUL10	53		0.00	27,987.20	0										EC//EM =40hr ; EA//SB =40hr ; EC//TB =80 ; EM//TB =120hr ;
R54-110		Test	14		20JUL10	06AUG10	06AUG10	43		0.00	9,532.80	0										EC//EM =40hr ; EC//TB =40
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										EC//EM =40hr ;
R55-11		PDR	0			14SEP09	14SEP09	71		0.00	0.00	0										
R55-20		FCPC -Final Design	60		15SEP09	09DEC09	09DEC09	71		0.00	12,744.48	0										EC//EM =80hr ;
R55-21		FDR	0			09DEC09	09DEC09	71		0.00	0.00	0										
R55-30		FCPC - Procurement	60		10DEC09	15MAR10	15MAR10	71		0.00	13,550.20	0										EC//EM =20hr ; 37=01 ; 41=06\$K ; 43=07 ;
R55-40		FCPC LabVIEW Programming	30		26MAR10	06MAY10	06MAY10	93		0.00	19,243.20	0										EC//EM =120hr ;
R55-45		FCPC PLC Integration-EPICS Prog.	30		26MAR10	06MAY10	06MAY10	93		0.00	6,414.40	0										EC//EM =40hr ;
R55-50		FCPC - Installation	60		16MAR10	08JUN10	08JUN10	71		0.00	9,532.80	0										EC//EM =40hr ; EC//TB =40 ;
R55-60		FCPC -Test	14		09JUN10	28JUN10	28JUN10	71		0.00	7,973.60	0										EC//EM =40hr ; EC//TB =20 ;
R55-70		GISRTC - Preliminary Design	30		01JUL09*	12AUG09	12AUG09	63		0.00	6,203.60	0										EC//EM =40hr ;
R55-71		PDR	0			12AUG09	12AUG09	63		0.00	0.00	0										
R55-80		GISRTC -Final Design	60		13AUG09	05NOV09	05NOV09	63		0.00	3,147.47	0										EC//EM =20hr ;
R55-81		FDR	0			05NOV09	05NOV09	63		0.00	0.00	0										
R55-90		GISRTC - Procurement	60		06NOV09	11FEB10	11FEB10	63		0.00	13,550.20	0										EC//EM =20hr ; 37=01 ; 43=05 ; 41=06\$K ;
R55-100		GISRTC LabVIEW Programming	30		12FEB10	25MAR10	25MAR10	63		0.00	19,243.20	0										EC//EM =120hr ;
R55-110		GISRTC - Installation	60		26MAR10	18JUN10	18JUN10	63		0.00	7,829.28	0										EC//EM =20hr ; EC//TB =20 ; EA//SB =24hr ;
R55-120		GISRTC -Test	14		21JUN10	09JUL10	09JUL10	63		0.00	3,207.20	0										EC//EM =20hr ;
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										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 Variance	FY08			FY09			FY10			
R56-20		Preliminary Design	30		25AUG09	06OCT09	06OCT09	39		0.00	6,231.71	0										EC//EM =40hr ;
R56-21		PDR	0			06OCT09	06OCT09	39		0.00	0.00	0										EC//EM =80hr ; 43=02 ; 35=02\$K ;
R56-30		PLC Training	60		07OCT09	12JAN10	12JAN10	159		0.00	15,374.80	0										EC//EM =140hr ;
R56-35		Final Design	30		07OCT09	17NOV09	17NOV09	39		0.00	22,450.40	0										EC//EM =40hr ; 37=08 ; 43=12 ; 41=20\$K ;
R56-36		FDR	0			17NOV09	17NOV09	39		0.00	0.00	0										EC//EM =120hr ;
R56-40		Procurement	60		18NOV09	23FEB10	23FEB10	39		0.00	49,062.40	0										EC//EM =60hr ; EC//TB =80 ; EA//SB =240hr ; EM//TB =480hr ;
R56-50		PLC Programming	90		24FEB10	30JUN10	30JUN10	39		0.00	19,243.20	0										EC//EM =80hr ; EC//TB =40 ;
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										
58 - Central I&C management and Integration																						
Job: 5801 - Central I&C Integr& Oversight-SICHTA																						
R58-10		WBS58 -FY07 Management & Integration LOE	107*		01MAY07A	01OCT07	01OCT07	1,248	LOE	4,209.72	7,039.66	0										ec/em=50
R58-20		WBS58 -FY08 Management & Integration LOE	250		01OCT07*	30SEP08	30SEP08	999	LOE	0.00	24,107.20	0										ec/em=160
R58-30		WBS58 -FY09 Management & Integration LOE	249		01OCT08*	30SEP09	30SEP09	750	LOE	0.00	18,610.80	0										ec/em=120
R58-40		WBS58 -FY10 Management & Integration LOE	248		01OCT09*	30SEP10	30SEP10	502	LOE	0.00	19,243.20	0										ec/em=120
85 - Integrated Systems Testing																						
Job: 8501 - Integrated Systems Testing-GENTILE																						
Startup Documentation																						
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 Equipmt & 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 ;

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 Variance	FY08												FY09												FY10											
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																																				
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																																				
8501-301		Configure for Startup ISTP	5	1	26OCT10	01NOV10	01NOV10	3		0.00	0.00	0																																				
8501-304	2	Begin Start-up Testing	0	1	05NOV10			0		0.00	0.00	0																																				
8501-305		Coil Testing at room temp	5	1	05NOV10	11NOV10	11NOV10	0		0.00	0.00	0																																				
8501-106		Coil testing @ cryo temp, Pump-down VV	5	1	04JAN11	10JAN11	10JAN11	0		0.00	0.00	0																																				
8501-107		Combined field testing, Make 1st Plasma	5	1	11JAN11	17JAN11	17JAN11	0		0.00	0.00	0																																				
8501-108		Vent VV, Config for & instl e-beam mapping	5	1	18JAN11	24JAN11	24JAN11	0		0.00	0.00	0																																				
8501-306		E-beam mapping	5	1	25JAN11	31JAN11	31JAN11	0		0.00	0.00	0																																				
8501-110	1	NCSX Startup Complete	0	1		31JAN11	31JAN11	0		0.00	0.00	0																																				
730.9000	1	CD-4	0	1		23DEC11*	23DEC11*	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 Variance	FY08			FY09			FY10		
Jim Anderson																					
81 - Project Management and Control																					
Job: 8101 - Project Management & Control-ANDERSON																					
FY07 Rebaseline Exercise																					
ECP53RBX16		FY07 Rebaseline exercise	0*		01MAY07A	29JUN07A	31MAY07		LOE	4,435.40	4,435.40	-21	R//RM3 =20hr ;								
810.005		Project Management Office PPPL FY07 (LOE)	106*		01MAY07A	28SEP07	28SEP07	1,249	LOE	165,295.24	273,667.61	0	Hutch =.85 fte rate ; Strykowski =.85 fte rate B//CB =.4 fte rate ; 35=3\$K ; 41=04\$K ; deputy proj cntrl=.25fte rate								
810.900		Project Management Office PPPL FY08 (LOE)	250*		01OCT07*	30SEP08	30SEP08	999	LOE	0.00	1,034,172.58	0	Hutch =.50 fte rate ; Strykowski =.85fte Pam =.8 fte rate ; 35=10\$K ; 41=10\$K ; Proj mgr=.75 fte rate, deputy p&c=.5fte Constr Mgr=.5fte								
810.901		Project Management Office PPPL FY09 (SA LOE)	249*		01OCT08*	30SEP09	30SEP09	423	LOE	0.00	1,157,648.04	0	Hutch =.50 fte rate Pam =.8 fte rate ; 41=10\$K ; proj mgr=1.0 fte r constr mgr=.5 fte								
810.909		Project Management Office PPPL FY10 (LOE)	248		01OCT09	30SEP10	30SEP10	423	LOE	0.00	1,074,462.05	0	Hutch =.25 fte ; Strykowski=.85 fte 35=06\$K ; Pam =.8 fte 41=08\$K ; proj mgr=1.0 fte rate, deputy p&c=.5fte rate constr mgr=.5 fte								
810.910		Project Management Office PPPL FY11 (LOE)	79*		01OCT10	31JAN11	31JAN11	423	LOE	0.00	299,398.44	0									
Job: 8102 - NCSX MIE Management ORNL-LYON																					
810.104X		Project Management Office ORNL FY07(LOE)	106*		01MAY07A	28SEP07	28SEP07	1,249	LOE	36,493.68	60,420.00	0	ORNL81 =60\$;								
810.105X		Project Management Office ORNL FY08 (LOE)	248*		02OCT07*	29SEP08	29SEP08	1,000	LOE	0.00	159,000.00	0	ORNL81 =\$159k								
810.105Z		Project Management Office ORNL FY09 (LOE)	249		02OCT08*	01OCT09	01OCT09	423	LOE	0.00	160,000.00	0	ORNL81 =\$160k								
810.106X		Project Management Office ORNL FY10 (SA LOE)	247		02OCT09	30SEP10	30SEP10	423	LOE	0.00	101,000.00	0	ORNL81 =\$101k								
810.106Z		Project Management Office ORNL FY11 (SA LOE)	79*		01OCT10	31JAN11	31JAN11	423	LOE	0.00	18,960.00	0									
99 - PPPL Allocations																					
Job: 8998 - Allocations-STRYKOWSKY																					
99.07		PPPL Allocations FY07	LOE	106*	01MAY07A	28SEP07	28SEP07	1,249	LOE	87,000.70	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									