

# Chain Saw Safety

Mike Cole

September 10, 2008

# Basic chain saw precautions

- Safety tips
  - Prepare yourself
    - Proper clothing and equipment can reduce injury
  - Saw selection
    - Light weight (8 to 12in guide bar)
      - Light work, small branches, small trees 6 to 10in
    - Midweight (14 to 20in guide bar)
      - Small trees 12 to 18 in
    - Heavy weight (>20in guide bar)
      - Professional use
  - Prepare the saw
    - Sharp chain (remember the chain is sharp - BE CAREFULL)
    - Correct chain tension (improves chain life and safer cutting)
    - Clean air filter, Good spark plug (makes work easier and safer)
    - Don't forget to check the oil (it's to late once on site and discover you forgot the chain oil)
  - Starting and Operating Techniques
    - Start with saw on firm ground
    - Chain out of gear and free of obstacles
    - Right foot in loop of rear handle
    - Left hand on upper handle
    - Pull starter rope with right hand

# Basic chain saw precautions

## – Felling the tree

- Examine the tree, clear the area of people, vehicles, branches and debris
- Power lines are not good – try not to fell the tree into the power line! If your not sure don't do it.
- Try not to cut the tree so that it hangs in another tree – this is really not safe!
- Plan a safe, unobstructed path of retreat before starting the cut. You don't always know which direction the tree will fall.
- If you get the saw stuck wedges can be used to free the saw. Plastic wedges are safer than metal (will not damage the saw). Wedges have been known to pop out of trees – **Be carefull.**

# Basic chain saw precautions

## – Limbing the Tree

- Whenever possible, keep the tree limb or similar barrier between yourself and the saw blade
- When cutting large limbs stand on the uphill side because the log may roll.

## – Kick Back Safety Tips

- The best defense against kickback is to keep the tip guard on the chain saw
  - Cut branches at the base of the blade
  - **Don't** saw with the tip of the blade
  - Keep the saw sharp - dull teeth are more likely to cause kickback
- REF: <http://www.ag.ndsu.edu/pubs/ageng/safety/ae1025w.htm>

Activity ID	Activity Description	Forecast Start	Forecast Finish	Baseline Finish	% cmlpt	ETC	FY09					FY10					
							S	O	N	D	J	F	M	A	M	J	J
<b>Brooks</b>																	
<b>Job: 8204 - Systems Analysis-BROOKS</b>																	
8204-FY08Z	Syst Analysis, studies & tech assurance FY08 etc	02JUN08A	30SEP08	30SEP08	ETC	4,684.30											BROOKS budget=107hr ; ZHANG budget=79hr ; FAN budget=51
<b>Chrzanowski</b>																	
<b>Job: 1408 - MC Winding Supplies-CHRZANOWSKI</b>																	
1408-7	Misc tech shop support	23MAY07A	30SEP08	31JUL08	ETC	2,021.63											EMT/TB budget=128hr ;
<b>Job: 1451 - Mod Coil Winding-CHRZANOWSKI</b>																	
<b>Station 1 Post VPI</b>																	
P2-171C	Final Clamps & Warm Test (Station1) B6	02JUN08A	30SEP08	23JUL08	ETC	240.07											EM/TB budget=272hr ; EMT/TB budget=32
P1-171C	Final Clamps & Warm Test (Station1) A6	18AUG08A	30SEP08	20AUG08	ETC	4,321.24											EM/TB budget=272hr ; EMT/TB budget=32
<b>LOE Oversight &amp; Supervision</b>																	
145XSPRV-3	Winding Engineering oversight and supervision	01MAY07A	30SEP08	30SEP08	ETC	12,379.29											LANGISH budget=275hr ;
145XSPRV-A	Winding Engineering oversight and supervision	01NOV07A	30SEP08	29AUG08	ETC	23,065.76											CHRZANOWSKI budget=241hr ; MEIGHAN budget=
<b>Job: 1459 - Mod Coil Fabr.Punch List-CHRZANOWSKI</b>																	
<b>Punchlist Tech shop/RESA</b>																	
PLTS-B5	Grinding -B5	01MAY08A	30SEP08	29AUG08	50	4,738.20											EM/TB budget=120hr ;
PLTS-A6	Grinding -A6	01MAY08A	30SEP08	29AUG08	20	3,095.62											EM/TB budget=39hr ;
PLTS-B6	Grinding -B6	01MAY08A	26NOV08	29AUG08	0	9,841.43											EM/TB budget=120hr ;
PLTS-C6	Grinding & Drill Holes -C6	01MAY08A	30SEP08	29AUG08	75	3,601.03											EM/TB budget=185hr ;
<b>Punchlist- Coil Technicians</b>																	
PLCT-A6	Insul,measure,TC,SG other punch list-A6	01OCT07A	30SEP08	29AUG08	ETC	1,626.78											EM/TB budget=132hr ;
PLCT-B6	Insul,measure,TC,SG other punch list-B6	01OCT07A	30SEP08	29AUG08	ETC	1,626.78											EM/TB budget=132hr ;
<b>Cole</b>																	
<b>Job: 1416 - Mod Coil Type AB Fnl Dsn-COLE</b>																	
<b>ECN Modifications</b>																	
1416-810	Process completed ECN's Bladders & testing	02SEP08*	30SEP08			0.00											
<b>Job: 1901 - Stellarator Core Mngtt&amp;Integr-COLE</b>																	
<b>191 - Stellarator Core Management &amp; Oversight</b>																	
1901-08	WBS 191 FY08	01JUN08A	29SEP08	29SEP08	LOE	6,864.46											COLE budget=121hr ; NELSON budget=70
1901-9000	Update drawing tree	01JUN08A	29SEP08	29SEP08	ETC	6,040.00											lovett= 160
<b>192 - Stellarator Core Integr &amp; Global Analysis</b>																	
1902-08	WBS 192 FY08	01JUN08A	29SEP08	29SEP08	LOE	15,777.48											COLE budget=121 m&s =20 travel= 10 MCGINNIS budget=182
<b>Ellis</b>																	
<b>Job: 8205 - Dimensional Control Coordin-ELLIS</b>																	
<b>Station 3-Modular Coil to VVSA Assembly</b>																	
METFY08R	Support FPA Station 2	01FEB08A	30SEP08	30SEP08	LOE	3,692.62											ELLIS budget=45hr ; SMITH budget=45h
<b>Harris</b>																	
<b>Job: 8102 - NCSX MIE Management ORNL-HARRIS</b>																	
810.105XX	Project Management Office ORNL FY08 (LOE)	02JUN08A	29SEP08	29SEP08	LOE	23,945.31											ORNL35 budget=07\$ ; HILLIS budget=70 ; HARRIS budget=282 MMORRIS budget=176 ;
810.105Z	Project Management Office ORNL FY09 (LOE)	01OCT08*	31MAR09	31MAR09	LOE	35,930.73											HILLIS budget=45 ; HARRIS budget=110

Activity ID	Activity Description	Forecast Start	Forecast Finish	Baseline Finish	% cmplt	ETC	FY09					FY10					
							S	O	N	D	J	S	O	N	D	J	F
<b>Heitzenroeder</b>																	
<b>Job: 8202 - Engr Mgmt &amp; Sys Eng Sprt-HEITZENROED</b>																	
Closeout Documentation																	
8205DC	document control & admin support	01FEB08A	31MAR09	31MAR09	LOE	16,530.84											SUCH =142hr ; TYRELLbudget=21
8205FY08.2	Engr mgt & systems engr FY08	01FEB08A	30SEP08	30SEP08	LOE	41,100.41											HEITZENROEDbudget=445hr ; SIMMONS budget=474 REIERSEN budget=89hr ; DUDEK budget=474 VONHALLE budget=89hr ;
8205FY09	Engr mgt & systems engr FY09	01OCT08*	31MAR09	31MAR09	LOE	134,313.25											HEITZENROEDbudget=315hr REIERSEN budget=126hr ; VONHALLE budget=126hr ; ; SIMMONS budget=00 DUDEK budget=333
<b>Job: 8221 -Documentation Closeout-HEITZENROEDER</b>																	
Closeout Documentation																	
8221-100	Tech data collection (ref to detail tracking log	14JUL08A	23DEC08	31OCT08	ETC	471,120.04											SIMMONS =160hr BLANCHARD =40 BROOKS =100hr BROWN =375 CHRZANOWSKI =168hr COLE =80 DAHLGREN =40hr DODSON =40h DUDEK =32hr ELLIS =40 GORANSON =80hr Fogarty= 80 Phil =160; Kalish =56; labik =40; langish =24 ireudenberg =120 Perry =16; Raftopoulos=220; Raki =16 (=16 rushinski =335 mike morris=20 sichta =80; smith = 14; strykowsky =160; upcavage =215 viola = 158 williamson =80 Moon=10 Nelson=10; Harris= 20; Moon=10 Fan=100; Gentile=20; Lew Morris=335
8221-251	Tech presentation/paper collection	02SEP08*	01DEC08	29SEP08		10,286.00											HAMPTON budget=100hr ; TYRELL budget=10
8221-301	Guidance to collect data	02JUN08A	29SEP08	29SEP08		12,644.94											SIMMONS budget=300hr ;
8221-305	Organizing and posting data	30SEP08	27MAR09	27MAR09		56,203.18											SIMMONS budget=300hr ;
8221-401	Finalizing and archiving key analyses/reports	02SEP08*	03DEC08	29SEP08		135,920.59											FREUDENBERGbudget=160hr FAN budget=160hr ; ZHANG budget=160hr ; DAHLGREN budget=160 AVASARALA budget=160
8221-575	Archiving doc & files in ops center	02SEP08*	26MAR09	26MAR09		18,282.20											SUCH budget=200hr ;
8221-700	As-built Drawing Updates	02SEP08*	13MAR09	23DEC08		237,349.60											EA/SB Designers budget=1995hr
<b>Kalish</b>																	
<b>Job: 1361 - TF Fabrication-KALISH</b>																	
TF Title III and Fabrication Oversight																	
131-033C	Title III engr,inspection, support	02JAN08A	18SEP08	18SEP08	ETC	16,872.24											KALISH budget=71hr ; 35 =02\$K ; 41 =00\$K ; EM/TB budget=00hr ; MEIGHAN budget=173hr ;
TF Fabrication Contract																	
1361C-117	Fab, Test & Deliver Coil #17	29AUG08A	19SEP08	02SEP08		42,500.00											49 =47 ;
1361C-118	Fab, Test & Deliver Coil #18	12SEP08*	24SEP08	24SEP08		47,220.00											49 =47 ;
1351-195X	ALL TF COILS DELIVERED		24SEP08	24SEP08		0.00											
<b>Job: 1354 - Trim Coil Design &amp;Procurement-KALISH</b>																	
Trim Coil **Updated estimate**																	
TRIM-170	Complete Trim Coil Detailed Drawings	25MAR08A	30SEP08	30JUN08	ETC	886.23											KALISH budget=14hr ; RUSHINSKI budget=10h upcavage budget=80hr ;
TRIM-200	Assy drawings & parts list	01APR08A	30SEP08	30JUN08	ETC	866.04											KALISH budget=04hr ; RUSHINSKI budget=10h upcavage budget=80hr ;
<b>Neilson</b>																	
<b>Job: 8222 - Manuscripts and Papers - NEILSON</b>																	
Prepare Closeout report																	
8222-900	Manuscripts, journal & papers (40 papers@40hrs)	22AUG08A	31MAR09	31MAR09		293,408.09											ea//em=800,em/em=400;r//m=400; travel=15



Activity ID	Activity Description	Forecast Start	Forecast Finish	Baseline Finish	% cmplt	ETC	FY09					FY10				
							S	O	N	D	J	F	M	A	M	J
<b>Job: 8221 - Documentation Closeout-HEITZENROEDER</b>																
<b>Prepare Closeout report</b>																
8221-614	Chapter Draftes complete		30SEP08*		70	0.00										
8221-616	Chapter Draft reviews complete		15OCT08*			0.00										
8221-618	Chapters Complete		17NOV08*			0.00										
8221-636	Executive summary complete		05DEC08*			0.00										
8221-639	Draft Report complete		05JAN09*			0.00										
8221-642	Report Reviews Complete		02FEB09*			0.00										
8221-646	DOE Concurrence		02MAR09*			0.00										
8221-649	Final Report Issued		31MAR09*			0.00										
8221-655	Submit NEPA form		29AUG08*			0.00										
<b>Strykowski</b>																
<b>Job: 8998 - Allocations-STRYKOWSKY</b>																
99.08	PPPL Allocations FY08	LOE	01OCT07A	29SEP08	29SEP08	LOE	33,787.52									
99.09C	PPPL Allocations FY09	LOE	01OCT08*	31MAR09	31MAR09	LOE	59,465.00									
<b>Viola</b>																
<b>Job: 1802 - FP Assy Oversight&amp;Support-VIOLA</b>																
<b>Oversight and Supervision</b>																
1802ORNLO2	ORNL Title III field period assy station 2/3		02JUN08A	30SEP08	30SEP08	ETC	2,494.80									
R1802-003	Metrology Engr Super FY08		01OCT07A	30SEP08	30SEP08	ETC	11,944.09									
R1802-007	FPA Management FY08		01OCT07A	30SEP08	30SEP08	LOE	21,184.73									
R1802-015	HP Coverage in the TFTR TC LOE FY08		01OCT07A	30SEP08	30SEP08	LOE	13,133.01									
R1802-016	HP Coverage in the TFTR TC LOE FY09		01OCT08*	23DEC08	23DEC08	LOE	36,276.45									
1802MISC	Misc materials,tools, GSA vehicle,rigging		01FEB08A	30SEP08	30SEP08	ETC	4,496.04									
<b>Station 3 procedures,JHA,ACC,Training,Prep</b>																
R1802-320	Update FPA cost estimate for FPA station 2&3		09SEP08	15SEP08	20OCT08		0.00									
<b>Job: 1810 - Field Period AssyStation 1,2,3 VIOLA</b>																
<b>General Assy Support</b>																
R1810-003	LOE Crane support, fixture setupfor FY08		01OCT07A	30SEP08	30SEP08	LOE	13,737.62									
R1810-025	Crane & Rigging inspections		01FEB08A	30SEP08	30SEP08	LOE	979.23									
R1810-007	LOE Field Supervision for FY08		01OCT07A	30SEP08	30SEP08	LOE	19,525.91									
S21-4.02	Perform routine metrology set-up and checks (loe		01FEB08A	30SEP08	30SEP08	LOE	15,151.37									
<b>Setup</b>																
R1810-2034	Misc Tool and Hardware		02JUN08A	30SEP08	30SEP08	ETC	12,482.10									
<b>Pre-Measuring and fitup checks</b>																
<b>Pre measurement of MCHP A2,B2,C2 flanges</b>																
2-2-2.99	Drill Stycast fill holes C2		02SEP08*	04SEP08	03JUL08		9,476.40									
<b>Station 2 MC subassy A1B1C1</b>																
<b>Stycast shim bags &amp; final measurements</b>																
2-1-8.01	Fill all wing bladders & cure		16JUL08A	30SEP08	01AUG08	70	1,137.17									
<b>Station 2 MC subassy A2B2C2</b>																
<b>AB-C MC Assembly</b>																
2-2-7.18	Recheck part alignment & weld all Type-B flex s		04SEP08*	04SEP08	17JUL08		5,585.76									
2-2-7.19	After welding "B" coil nose shims recheck align		04SEP08	04SEP08	18JUL08		1,861.92									
2-2-7.20	Back office assessment of part after weld		05SEP08	05SEP08	21JUL08		3,723.84									
2-2-7.21	Measure "C" fiducials		05SEP08	05SEP08	21JUL08		1,861.92									
2-2-7.22	Weld all Type-C (A-flange) flex shims plasma sid		08SEP08	08SEP08	22JUL08		3,158.80									
2-2-7.23	After welding determine metrology acceptance		08SEP08	08SEP08	23JUL08		1,861.92									
2-2-7.24	Back office assessment		09SEP08	09SEP08	24JUL08		3,723.84									





### Closeout Note Status

Closeout Note Link	Job Manager	Status at Closeout	Status of Closeout Notes	Status of Data Files	Date Promised
<a href="#">2101 - Fueling Systems</a>	Blanchard	In Process at Time of Cancellation	Done	Done	
<a href="#">2201 - Torus Vacuum pumping Systems</a>	Blanchard	In Process at Time of Cancellation	Done	Done	
<a href="#">8204 - Systems Analysis &amp; Technical Assurance</a>	Brooks				9/30
<a href="#">1803 - FP Assembly Tooling/Constructibility</a>	Brown	In Process at Time of Cancellation			10/15
<a href="#">8203 - Design Integration</a>	Brown	In Process at Time of Cancellation			10/15
<a href="#">1350 - TF Coil Fabrication Preparations</a>	Chrzanowski	Cancelled when Decision Made for Industry to Fabricate (Mar 2006)			
<a href="#">1404 - MCWF R&amp;D &amp; First Production Casting</a>	Chrzanowski	Completed (Sept 2005)			
<a href="#">1405 - Modular Coil Winding R&amp;D Preparations</a>	Chrzanowski	Completed (Sept 2005)			
<a href="#">1406 - Modular Coil Winding R&amp;D</a>	Chrzanowski	Completed (Mar 2006)			
<a href="#">1407 - Modular Coil Winding Facility</a>	Chrzanowski	Completed (Mar 2006)			
<a href="#">1408/1451/1459 - Modular Coil Manufacturing</a>	Chrzanowski	Will Complete as Part of Closeout	Done	Done	
<a href="#">1410 - Modular Coil Twisted Racetrack Fabrication</a>	Chrzanowski	Completed (Mar 2006)			
<a href="#">1412 - Complete Winding Facilities</a>	Chrzanowski	Completed (Mar 2006)			
<a href="#">1419 - Winding Facilities Modifications</a>	Chrzanowski	Completed (Jan 2007)			
<a href="#">1460 - Modular Coil Third Winding Fixture</a>	Chrzanowski	Cancelled when Project cancelled			
<a href="#">1550 - Coil Support Structures Procurements</a>	Chrzanowski	Cancelled when Project cancelled			
<a href="#">1421 - Modular Coil Interface Design @ ORNL</a>	Cole				9/20
<a href="#">1260 - Neutral Beam Transition Duct</a>	Cole	In Process at Time of Cancellation			9/16
<a href="#">1355 - Conventional I&amp;C Design &amp; Procurement</a>	Cole	In Process at Time of Cancellation			9/8
<a href="#">1416 - Modular Coil Type A/B Design</a>	Cole	In Process at Time of Cancellation			9/30
<a href="#">1801 - FPA (ORNL)</a>	Cole	Closed (Sept 2006)			
<a href="#">1806 - FP Assembly Specs &amp; Drawings</a>	Cole	In Process at Time of Cancellation			9/16
<a href="#">1901 - 191 - Stellarator Core Management &amp; Oversight</a>	Cole	In Process at Time of Cancellation			
<a href="#">1901 - 192 - Stellarator Core Integration &amp; Analysis</a>	Cole	In Process at Time of Cancellation			
<a href="#">1353 - CS Structures Design</a>	Dahlgren	Procurement cancelled when Decision Made to Use NSTX PF1a (Aug 2006)			8/29
<a href="#">1702 - Base Support Structure Design</a>	Dahlgren	In Process at Time of Cancellation			8/29
<a href="#">1752 - Base Support Structure Procurements</a>	Dahlgren	Cancelled when Project cancelled			
<a href="#">1501 - Coil Support Structures</a>	Dahlgren	Will Complete as Part of Closeout			8/29
<a href="#">1204 - Vacuum Vessel System Procurements (Non-VVSA)</a>	Dudek	In Process at Time of Cancellation	Done	Done	
<a href="#">1429 - Modular Coil Interface R&amp;D @ PPPL</a>	Dudek	In Process at Time of Cancellation	Done	Done	
<a href="#">1431 - Modular Coil Interface Hardware</a>	Dudek	In Process at Time of Cancellation	Done	Done	
<a href="#">1805 - FP Assembly Hardware &amp; Fixture Procurements</a>	Dudek	In Process at Time of Cancellation	Done	Done	
<a href="#">6101/6301 - Cooling Water/Utility Systems</a>	Dudek	In Process at Time of Cancellation	Done	Done	
<a href="#">8205 - Dimensional Control Coordination</a>	Ellis	In Process at Time of Cancellation			9/30
<a href="#">8204 - System Global Models</a>	Fan	In Process at Time of Cancellation			9/19
<a href="#">1901- 193 - Risk Mitigation Activities</a>	Fogarty	In Process at Time of Cancellation	Need Summary	Done	9/16
<a href="#">1421 - Modular Coil Analysis Files</a>	Freudenberg				9/15
<a href="#">8501 - Integrated Systems Testing</a>	Gentile	In Process at Time of Cancellation	Done	Done	
<a href="#">1409 - Coil Test Stand</a>	Gettelfinger	Completed (July 2006)			
<a href="#">1414 - Coil Testing</a>	Gettelfinger	Completed (July 2006)			
<a href="#">1201 - Vacuum Vessel Preliminary Design</a>	Goranson	Completed (Oct 2003)			
<a href="#">1202 - Vacuum Vessel R&amp;D</a>	Goranson	Completed (Sept 2005)			
<a href="#">1203 - Vacuum Vessel Final Design</a>	Goranson	Completed (Aug 2006)			
<a href="#">1206 - Vacuum Vessel Field Weld Joint</a>	Goranson	Completed (Sept 2005)			
<a href="#">1270 - Heater Control Systems</a>	Goranson	In Process at Time of Cancellation	Done	Done	
<a href="#">1601-161 - LN2 Distribution Systems</a>	Goranson	In Process at Time of Cancellation	Done	Done	
<a href="#">1601-162 - Coil Electrical Leads</a>	Goranson	In Process at Time of Cancellation	Done	Done	
<a href="#">1601-163 - Coil Protection System Interfaces</a>	Harris	In Process at Time of Cancellation			9/8
<a href="#">8102 - Project Management @ ORNL</a>	Harris	In Process at Time of Cancellation			
<a href="#">1411 - MCWF Fabrication</a>	Heitzenroeder	Completed (June 2007)			
<a href="#">8202 - Engineering Mgmt &amp; Systems Engineering</a>	Heitzenroeder	In Process at Time of Cancellation			

### Closeout Note Status

Closeout Note Link	Job Manager	Status at Closeout	Status of Closeout Notes	Status of Data Files	Date Promised
8221 - Documentation for Closeout	Heitzenroeder	Will Complete as Part of Closeout			12/31
1301 - TF Coil Design	Kalish	Completed (April 2006)			
1351 - TF Coil Fabrication Supplies	Kalish	Completed (Oct 2006)			
1354 - Trim Coil Design & Procurement	Kalish	In Process at Time of Cancellation			10/15
1302/1352 - PF Coil Design/Fab	Kalish/Chrzanowski	Design Completed/Fab in Proce when Project Cancelled	Done	Done	
6401 - Bakeout Systems	Kalish/Goranson	In Process at Time of Cancellation			9/30
1361 - TF Coil Fabrication	Kalish/Meighan	Will Complete as Part of Closeout			10/15
8402 - Project Physics @ ORNL	Lyon/Harris	Closed (Sept 2006)			
8222 - Prepare Manuscripts for Peer Reviewed Papers	Neilson	Will Complete as Part of Closeout			12/31
7101 - Shield Wall Modifications	Perry	Cancelled - Done as GPP Project			
7301 - Platform Design & Fabrication	Perry	In Process at Time of Cancellation			9/24
7401/7451 - Machine Assembly Planning & Oversight	Perry	In Process at Time of Cancellation			9/24
7501 - Construction Support	Perry	In Process at Time of Cancellation			9/24
7503 - Machine Assembly Operations	Perry	In Process at Time of Cancellation			9/24
7601 - Machine Assembly Tooling Design/Fab	Perry	In Process at Time of Cancellation			9/24
8215 - Plant Design	Perry	In Process at Time of Cancellation			9/24
8220 - Equipment Disposition/Facility Restorations	Perry	Will Complete as Part of Closeout			12/31
1701 - Cryostat Design	Raftopoulos	In Process at Time of Cancellation			9/13
1751 - Cryostat Procurements	Raftopoulos	Cancelled when Project cancelled			
1804 - Metrology Hardware	Raftopoulos	In Process at Time of Cancellation			9/13
6201 - Cryogenic Systems	Raftopoulos	In Process at Time of Cancellation			9/13
4101 - AC Power Systems	Ramakrishnan	In Process at Time of Cancellation			9/30
4301 - DC Power Systems	Ramakrishnan	In Process at Time of Cancellation			9/30
4401 - Control & Protection Systems	Ramakrishnan	In Process at Time of Cancellation			9/30
4501 - Power Systems Design & Integration	Ramakrishnan	In Process at Time of Cancellation			9/30
8101 - Project Management @ PPPL	Rej	In Process at Time of Cancellation			
5101 - Network & Fiber Optic Infrastructure Systems	Sichta	In Process at Time of Cancellation	Done	Done	
5201 - Central Instrumentation & Control	Sichta	In Process at Time of Cancellation	Done	Done	
5301 - Data Acquisition & Facility Computing Systems	Sichta	In Process at Time of Cancellation	Done	Done	
5401 - Facility Timing & Synchronization Systems	Sichta	In Process at Time of Cancellation	Done	Done	
5501 - Real Time Plasma Control Systems	Sichta	In Process at Time of Cancellation	Done	Done	
5601 - Central Safety Interlock Systems	Sichta	In Process at Time of Cancellation	Done	Done	
5801 - Central I&C Management & Integration	Sichta	In Process at Time of Cancellation	Done	Done	
3101 - Design	Stratton				9/15
3601 - Edge & Divertor Diagnostics Systems	Stratton	In Process at Time of Cancellation			9/15
3901 - Diagnostic Systems Integration	Stratton	In Process at Time of Cancellation			9/15
3801 - Electron Beam Mapping Systems	Stratton/Harris	In Process at Time of Cancellation			9/15
8210 - Rebaselining Exercise	Strykowski	In Process at Time of Cancellation		No Closeout Note, but Data	9/30
8998 - PPPL Direct Allocations	Strykowski	In Process at Time of Cancellation			
DCMA	Strykowski	Closed (Sept 2004)			
3101 Vacuum Vessel Instrumentation Installation	Tchilinguirian		Done	Done	
1250 - Vacuum Vessel Fabrication	Viola	Completed (Sept 2006)			
1802 - FP Assembly Oversight & Support	Viola	In Process at Time of Cancellation			11/15
1810 - FPA Operations - Stations 1, 2, 3	Viola	In Process at Time of Cancellation			11/15
1815 - PPA Operations - Station 5	Viola	In Process at Time of Cancellation			11/15
1421 - Modular Coil Analysis Files	Williamson				8/30
1401 - Modular Coil Preliminary Design	Williamson	Completed (Sept 2005)			
1402 - Modular Coil Analyses	Williamson	Completed (Sept 2005)			
1403 - Modular Coil Final Design	Williamson	Completed (April 2006)			
1413 - MCWF Fracture Analyses	Williamson	Completed (Mar 2006)			
8401 - Project Physics @ PPPL	Zarnstorf	Closed (Sept 2006)			