

Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	FY04												FY05												FY06												FY07												FY08																
							S	O	N	D	J	F	M	A	M	J	J	A	S	S	O	N	D	J	F	M	A	M	J	J	A	S	S	O	N	D	J	F	M	A	M	J	J	A	S	S	O	N	D	J	F	M	A	M	J	J	A	S	S	O	N	D	J	F	M	A	M	J	J	A	S
Level I Milestones																																																																							
M-0110	CD-2				03FEB04A		▼ PEP Date = February 2004																																																																
M-0115	CD-3			30SEP04*	31AUG04	115	▼ PEP Date = October 2004																																																																
730.9000	First Plasma			30MAY08*	16JAN08	96	PEP Date = May 2008 ▼																																																																
M-0120	CD-4			30MAY08*	30MAY08*	0																																																																	
Level II Milestones																																																																							
1201-500	WBS 12 & 14 PDR			07OCT03A	07OCT03A		▼ PEP Date = October 2003																																																																
1403-08	Performance Baseline Review			18NOV03A	18NOV03A		▼ PEP Date = November 2003																																																																
1203-341	Conduct VVSA FDR			19MAY04	19MAY04	192	▼ PEP Date = July 2004																																																																
1403-51	Mod Coil Winding Form Final Design Review			19MAY04*	19MAY04*	117	▼ PEP Date = July 2004																																																																
121-6-9	Award VV Production Vendor (Phase funded)			13AUG04	31AUG04	181	▼ PEP Date = December 2004																																																																
C-081	Award MCWF Mfg Contract (phase funded)			27AUG04	31AUG04	115	▼ PEP Date = November 2004																																																																
C-121.1	First MCWF Delivered			15DEC04	17DEC04	126	▼ PEP Date = March 2005																																																																
131-035	TF Coils Awarded			14JAN05	14JAN05	117	▼ PEP Date = April 2005																																																																
P1-021.1	Complete First Mod Coil Fabrication			29APR05	07JUN05	323	▼ PEP Date = August 2005																																																																
121-038.1	Vacuum Vessel Delivered			28OCT05	15NOV05	186	▼ PEP Date = February 2006																																																																
141-036	PF Coils Awarded			31MAR06	31MAR06	154	▼ PEP Date = June 2006																																																																
C-501B1	Last MCWF Delivered			11APR06	13APR06	115	▼ PEP Date = August 2006																																																																
P1-180.9	Begin Assembly of First Field Period	28APR06	26MAY06			96	▼ PEP Date = September 2006																																																																
131-038	All TF Coils Delivered			15SEP06	15SEP06	117	▼ PEP Date = January 2007																																																																
P3-241.1	Last Field Period Assembled			04JAN07	26JAN07	96	▼ PEP Date = June 2007																																																																
730.1139	Begin Vac Vsl Pumpdown	12MAR07	03APR07			96	PEP Date = September 2007 ▼																																																																
730.1250	Operational Readiness			04JUN07	26JUN07	96	PEP Date = November 2007 ▼																																																																
920.004	Begin Start-up Testing	05JUN07	27JUN07			96	PEP Date = November 2007 ▼																																																																
730.8074	Begin Cryostat Installation	05OCT07	29OCT07			96	PEP Date = March 2008 ▼																																																																
Joule milestones																																																																							
1404-109.J	JOULE MILESTONE #1-Authorize Prototype Fab			20OCT03A	20OCT03A		▼ Authorize Prototype Fabrication - Modular Coil Winding Forms and Vacuum Vessel. 1st QUARTER FY04 (December 2003)																																																																
1406-040	JOULE MILESTONE #2-Begin winding on 3D surface	30JAN04A	30JAN04A				▼ Initiate Winding Process on a 3D Surface & assess Implications // Design and Fabrication. 2nd QUARTER FY04 (March 2004)																																																																
1404-110.J	JOULE MILESTONE #3-Prototype Casting Made			26MAR04	07MAY04	1,384	▼ Prototype Casting Made 3rd QUARTER FY04 (June 2004)																																																																
C-081.1	JOULE MILESTONE #4 - CD-3 Readiness			19MAY04	19MAY04	187	▼ CD-3 Readiness: complete preparations for CD-3 determination. 4th QUARTER FY04 (September 2004) (FDR's for WBS 12, 1& 14 Completed)																																																																

Run Date 14APR04 11:11

■ current schedule
■ Progress Bar
■ Critical Activity

0403

NCSX Project Milestones

Sheet 1 of 3

**STATUS THROUGH
April 1, 2004**

Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	FY04												FY05												FY06												FY07												FY08											
							S	O	N	D	J	F	M	A	M	J	J	A	S	S	O	N	D	J	F	M	A	M	J	J	A	S	S	O	N	D	J	F	M	A	M	J	J	A	S	S	O	N	D	J	F	M	A	M	J	J	A	S	S	O	N	D	J	F	M	A
Level III Milestones																																																																		
740.011	3-D Scanner/Faro Arm FDR			30JAN04A	30JAN04A																																																													
740.031	Metrology Software Review			30JAN04A	30JAN04A																																																													
713A.010A	FP Assy Tooling Rqmnts&Constructability Peer Rvw			30MAR04*	31MAR04A																																																													
1202-325.1	Major Tool VVSA Prototype Received			17MAR04	14APR04	198																																																												
1406-103	Twisted Racetrack FDR			02APR04	16APR04*	108																																																												
1202-425.1	Rohwedder VVSA Prototype Received			17MAR04	30APR04	186																																																												
1406-103.1	Twisted Racetrack Fab Preparedness Review			16APR04	30APR04*	108																																																												
1407-013	Autoclave PTP Complete			15APR04	07MAY04	168																																																												
1406-034	Mod Coil Conductor/Insulation FDR			13APR04*	20MAY04*	120																																																												
1409-046	Declare Coil Test Facility Available			10MAY04	28MAY04	166																																																												
451-2-20	PDR Electr Power system			30APR04	15JUN04	532																																																												
1403-20	PrototypeMod Coil FDR (Type C Drawings)			23APR04	24JUN04*	101																																																												
1301-135	Conventional Coil PDR			30JUN04*	30JUN04*	139																																																												
1404-91.1	JPP-Deliver Prototype MCWF			30JUN04	30JUN04	118																																																												
1404-80.1	EIO MCWF Fixed price proposal Received			01JUL04	01JUL04	117																																																												
1404-94.1	JPP MCWF Fixed price proposal received			01JUL04	01JUL04	117																																																												
1404-77.1	EIO-Deliver Prototype MCWF			28JUN04	06JUL04	115																																																												
1403-20.1	Mod Coil Prototype Fab Readiness Review			08JUL04	08JUL04*	142																																																												
1202-335.1	Major Tool VVSA Price Proposal Received			23JUN04	12JUL04	186																																																												
1202-435.1	Rohwedder VVSA Price Proposal Received			23JUN04	12JUL04	186																																																												
451-7-20	FDR DC transmission			28MAY04	14JUL04	506																																																												
1501-165	Perform Coil Support Structure PDR			30JUN04*	15JUL04*	184																																																												
740.041	FP Assy Laser based GPS Sys Review			02AUG04*	02AUG04*	425																																																												
1406-020	Begin Testing of Twisted RT in Coil test Stand	11AUG04	25AUG04			113																																																												
1403-70	FDR-Production Type C Mod Coil Winding			25AUG04	08SEP04*	113																																																												
151-002	Cryostat & Base Support Struct PDR			22SEP04	22SEP04	171																																																												
131-012	WBS 13 TF FDR			30SEP04	30SEP04	139																																																												
713.010B	Tooling & Constructability FDR			30SEP04	30SEP04	268																																																												
141-3-44.9	Begin Winding on Prototype MCWF	06AUG04*	05OCT04*			101																																																												
1403-71	FDR Production Type A Mod Coil Winding			24NOV04	24NOV04*	128																																																												
1403-70.1	Fab Readiness Rvw - Production Type C MC Winding			20DEC04	20DEC04*	122																																																												
1501-241	FDR Coil Support Structure			26JAN05	09FEB05	184																																																												
141-3-45.1	Complete Prototype Winding (SOW 4.9)			20DEC04*	24FEB05*	96																																																												
1203-900	Comprehensive WBS 12 FDR			28FEB05	28FEB05	265																																																												
1403-71.1	Fab Readiness Review - Production Type A			01JUN05	01JUN05*	128																																																												

