

**NCSX DOE Milestones
ECP-014 Attachment 5**

Milestone	Schedule	DOE Acquisition Executive (Level 1)	DOE Federal Project Director (Level 2)
Complete Physics Validation Review	March 2001A		X
Complete CD-0 Milestone	May 2001A	X	
Select Conceptual Design Configuration	December 2001A		X
Submit NEPA Preliminary Hazards Analyses	April 2002A		X
Complete Conceptual Design Review	May 2002A		X
Receive FONSI	October 2002 A		X
Complete CD-1 Milestone	May 2003 A	X	
Award Prototype Contracts for Modular Coils Winding (MCC) Forms	March 2003 A		X
Award Prototype Contracts for Vacuum Vessel	April 2003 A		X
Start Preliminary Design (Title I)	April 2003 A		X
Complete Project Preliminary Design Review	October 2003 A		X
Complete External Independent Review and DOE Performance Baseline Review	November 2003 A		X
Authorize Prototype Fabrication of MCC and Vacuum Vessel	December 2003 A		X
Complete CD-2 Milestones	February 2004 A	X	
Initiate Modular Coils Winding Process on a 3D Surface	March 2004A		X
Produce First Prototype Modular Coil Winding Form Casting for Machining	June 2004A		X
Complete Final Design Review for Modular Coils Winding Forms	July 2004A		X
Complete Final Design Review for the Vacuum Vessel	July 2004A		X
Complete Prerequisites for the CD-3 Milestone for Procurement and Fabrication of Components	September 2004 A		X

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Milestone	Schedule	DOE Acquisition Executive (Level 1)	DOE Federal Project Director (Level 2)
Award Conductor Contract	December 2004		X
Complete CD-3 Milestone	September 2004	X	
Award Production Contract for Modular Coils Winding Forms	October 2004		X
Award Production Contract for Vacuum Vessel	October 2004		X
First Modular Coil Winding Forms Delivered	July 2005		X
Award Production Contract for TF Coils	July 2005		X
Complete First Modular Coil Fabrication	February 2006		X
Vacuum Vessel Delivered	February 2006		X
Award Production Contract for PF Coils	January 2007		X
Last Modular Coil Winding Form Delivered	December 2006		
Begin Assembly of First Field Period	March 2007		X
Complete Delivery of TF Coils	May 2007		X
Last Field Period Assembled	September 2007		X
Pump Down of Vacuum Vessel	November 2007		X
Complete Operational Readiness Assessment	March 2008		X
Begin Start-Up Testing	March 2008		X
Begin Cryostat Installation	January 2008		X
Complete CD-4 Milestone (First Plasma and Completion of MIE Project)	May 2008	X	