

**Table Error! No text of specified style in document.-1 NCSX DOE Milestones**

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

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

Note: “A” => **Achieved**