

**NCSX Preliminary Design Cost Estimate Summary Form
(Attachment 1a)**

SUMMARY DESCRIPTION

WBS Number: 85	Title: Pre-Operational and Integrated Systems Testing
Originator: Charles Gentile	
<u>Description</u>	
<p>The NCSX device will have to undergo a series of pre-operational and integrated systems test to demonstrate that it is ready for operation. This WBS element covers the planning, coordination, procedurization, and execution of the Integrated System Tests, which consist of first energization of all of the magnet coil systems and first plasma.</p> <p>Costs for operating and staffing the facility for these tests are included. Prior Preoperational Tests are assumed covered by the individual WBS elements.</p>	
<p><u>Description of Existing Equipment/Facilities to be Reused:</u> None.</p>	
<p><u>Description of Major Modifications Required to Existing Equipment/Facilities:</u> None.</p>	

Date: 9/16/03