

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

SUMMARY DESCRIPTION

WBS Number: 15	Title: Coil Support Structures
Originator: Dave Williamson	
<p><u>Description:</u> The support structures provide the overall supporting mechanism between coil components and interface with the machine base support structure (WBS 172). At this time, no R&D is anticipated for this WBS element. Assembly and installation of these support structures in a field period is covered in Field Period Assembly (WBS 18). Final assembly of the field periods is covered under Test Cell Preparation and Machine Assembly (WBS 7). Integrated systems testing is covered under Project Management and Integration (WBS 8).</p> <p><i>For the PDR, this WBS element consists of the following 3 elements:</i></p> <ul style="list-style-type: none">• <i>Coil Support Structures (WBS 151);</i>• <i>Central Solenoid Support Structures (WBS 152); and</i>• <i>Coil Support Structures(WBS 153)</i> <p><i>Post PDR, WBS 152 will be collapsed into WBS 132 PF Central Solenoid Coils and WBS 153 will be collapsed into WBS 151.</i></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: 9/18/03