

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

**SUMMARY DESCRIPTION**

<b>WBS Number: 14</b>	<b>Title: Modular Coils</b>
<b>Originator: Dave Williamson</b>	
<p><u>Description:</u> This WBS element consists of all the following:</p> <ul style="list-style-type: none"><li>• Winding Form (WBS 141)</li><li>• Windings and Coil Assembly (WBS 142);</li><li>• Modular Coils Local I&amp;C (WBS 143); and</li><li>• Modular Coil Winding Facility and Fixtures (WBS 144).</li></ul> <p>This WBS element consists of the design and fabrication of the modular coil components, including supporting R&amp;D necessary for the design and fabrication of these components. Modular coil assembly and installation 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 Project Management and Integration (WBS 8).</p> <p><u>Description of Existing Equipment/Facilities to be Reused:</u>   <b>None</b></p>          <p><u>Description of Major Modifications Required to Existing Equipment/Facilities:</u>   <b>None</b></p>	