

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

**SUMMARY DESCRIPTION**

<b>WBS Number: 41</b>	<b>Title: AC Power Systems</b>
<b>Originator: Raki Ramakrishnan</b>	
<b><u>Description</u></b>	
<p>This WBS element consists of the following subsystems:</p> <ul style="list-style-type: none"><li>• Auxiliary AC Power Systems (WBS 411); and</li><li>• Experimental AC Power Systems (WBS 412).</li></ul>	
<p><u>Description of Existing Equipment/Facilities to be Reused:</u> <b>Components and infrastructure from the existing C-site AC power and D-site experimental systems AC power will be reused to the maximum extent practical. For the D-site experimental power systems, a sharing arrangement with NSTX will be established.</b></p>	
<p><u>Description of Major Modifications Required to Existing Equipment/Facilities:</u> <b>No major modifications are needed other than routine maintenance and reactivation.</b></p>	

Date: 9/15/03