

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

SUMMARY DESCRIPTION

WBS Number: 443	Title: Real Time Control Systems
Originator: Raki Ramakrishnan	
<u>Description</u>	
<p>This WBS element consists of the effort to develop the specification of the hardware requirements and software algorithms to be provided by WBS 5 (Central I&C) for the real time digital feedback control of the power supply system, including the high-speed digital input and output links.</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> Some modifications may be required to the Transrex and Robicon power supply local controls to ensure compatibility with the new high speed digital links.</p>	

Date: 9/15/03