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

SUMMARY DESCRIPTION

WBS Number: 442	Title: Kirk Key Interlocks
Originator: Raki Ramakrishnan	
Description	
This WBS element consists of the effort to design, procure, fabricate, and install kirk key interlocks for NCSX. Mechanical kirk key interlocks are used throughout the D-site power supply system to ensure the proper sequence of manual switching operations and that equipment is in the safe state prior to accessing hazardous areas. This system must be modified (as needed) to reflect the modified power supply configuration, and must include appropriate elements from the C-site elements of the power system.	
Description of Existing Equipment/Facilities to be R modified, existing spare locks and related hardware w	eused: Although the existing system will need to be ill be utilized to the maximum extent practical.
Description of Major Modifications Required to Existence interlock logic will be modified to reflect the modified	