

NCSX PRELIMINARY DESIGN PART I - DESCRIPTION

WBS Number: 57	Title: NCSX Control Room
Originator: G. E. Oliaro	
<u>Description</u>	
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<u>General Description of Work to be Performed:</u>	
The PLT and PBX control room area is approximately 2400 sq. ft. and will be used for Day One operations of NCSX. Approximately 1200 sq. ft. of the contiguous PLT DAS computer area will be integrated with the main control room area to support PPPL physicists, Engineers and visiting collaborators in future years of operation. WBS57 will be responsible for the following facilities:	
<ul style="list-style-type: none">* Installation of 4 dual workstation tables wired for network and power.* Installation of 6-12 equipment racks wired for network and power.* Test Cell PA system* Diagnostic machine microphones data included in MDSplus tree* Wireless Ethernet to support visitors and laptop computers	
<u>Description of Existing Equipment/Facilities to be Reused:</u>	
This job will require all new equipment.	
<u>Description of Major Modifications Required to Existing Equipment/Facilities:</u>	
Extensive modification and renovations to the PLT and PBX control room areas will be required.	