

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

SUMMARY DESCRIPTION

WBS Number: 83	Title: Environmental and Safety/QA Management
Originator: Jerry Levine & Judy Malsbury	
<u>Description</u>	
<p>This WBS element includes all the ES&H and Quality Assurance/Quality Control support of the design and construction process. Since these activities cut across all WBS elements, the effort is defined and collected here. It includes the following activities:</p> <ul style="list-style-type: none">• Construction Safety;• Electrical Safety;• Radiation Safety;• NEPA & Safety Assessment Review & Coordination;• Industrial Hygiene & Safety;• Quality Assurance; and• Quality Control of the procurement and construction processes (both PPPL and DCMA). <p><i>These personnel are funded under the general indirect costs pool via the G&A rate rather than by direct project funds.</i></p> <p>We intend to use Defense Contracts Management Agency (DCMA) personnel as field QA inspectors at supplier sites. This service was formerly provided at no cost to the National Laboratories, but is now an indirect charge to the Project. Each DCMA assignment (unique company and subcontract) is defined by a letter of delegation from PPPL providing subcontract information and defining the services desired in fairly general terms. One provision is that the DCMA representative must provide trip reports describing what was accomplished and what is planned next so that PPPL stays aware of progress and is able to intervene when necessary. The formal delegation letter will also provide a maximum number of hours based on estimated visits needed and a requirement that DCMA contact PPPL for approval to continue when 75% of the maximum hours have been reached.</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> None.</p>	

Date: 9/16/03