

<i>NCSX RFD</i> <i>Part I</i>	<b>Number: 14-010</b>	<b>RFD Description: Material Substitution for Terminal Lugs</b>
<b>Initiator: Larry Dudek</b>		<b>Organization: PPPL</b>
<b>List of Impacted Documents: (<i>Specification, MIT/QA Plan, SOW, drawing, etc.</i>)</b> <b>Drawings SE142C-055 and SE142C-056</b>		
<b>Cost Impact: (<i>If none, so state</i>): NONE</b>		
<b>Schedule Impact: (<i>If none, so state</i>): NONE</b>		
<b>Quality Impact: (<i>If none, so state</i>): NONE</b>		
<b>State Requirement Deviation is Requested For: (<i>Specification, MIT/QA Plan, SOW, drawing, etc.</i>):</b> Material specified for lugs is C10100 or C10200, ¼ hard		
<b>Full Description of the Deviation Requested: (<i>Use continuation pages, e-mails, letter, sketches, etc. as needed and include amplifying information as appropriate to support deviation request.</i>):</b>  <b>Substitute C11000, ¼ hard due lack of availability for specified material (neither C10100 or C10200 cold rolled plate is readily available). This will be for all the lugs.</b>		
<b>Attachments:</b>		
<b>Initiator Signature: _____</b>		

<i>NCSX RFD Part III</i>	<b>Number: 14-010</b>	<b>RFD Description: Material Substitution</b>
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<b>RLM: Brad Nelson</b>	<b>Organization: ORNL</b>
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**Impact on Interfaces with Other WBS Elements/Items: (If none, so state):** None – WBS 14 only

**RLM Recommendation:**

**Approve**    **Do Not Approve**

**Additional remarks:**

**Changing from OFHC to ETP copper does not change electrical or structural performance.**

**Does this Change Impact Material Already Procured or Parts/Assemblies Already Assembled/Manufactured using this Material:**    **Yes**    **No**

**If “Yes”, what is the recommended disposition of this material/part/assembly?**

**RLM Signature:** \_\_\_\_\_

**Project Disposition:**

**Approved. No ECP required.** \_\_\_\_\_  
**NCSX Systems Engineering Support Manager**  
**Add note to affected drawings.**

**Approved. ECP -    assigned and processed.**

**Not Approved. Reason(s) for disapproval:**

