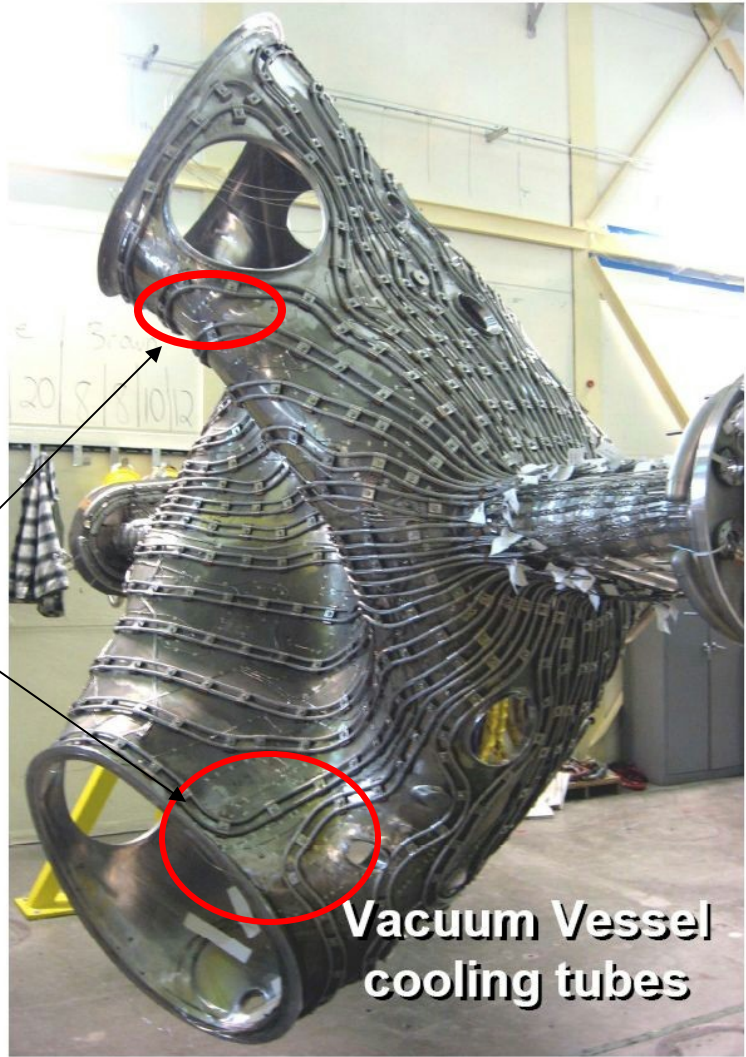


<i>NCSX RFD</i> <i>Part I</i>	<b>Number: 12-023</b>	<b>RFD Description: Rearrangement of VV1 Cooling Tubes</b>
<b>Initiator: M. Viola</b>	<b>Organization: PPPL</b>	
<b>List of Impacted Documents: (<i>Specification, MIT/QA Plan, SOW, drawing, etc.</i>): None</b>		
<b>Cost Impact: (<i>If none, so state</i>): Minimal</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>): Drawing SE121-008-r1 (VVSA1 Assembly Station 1, Phase 2) – authorized to move selected cooling tubes to maximize cooling coverage.</b>		
<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>Current layout of cooling tubes leaves some relatively large areas not covered. This deviation permits minor relocation of selected cooling tubes (see Attachment) to maximize cooling coverage.</b>		
<b>Attachments: Annotated picture of VV 1 cooling tubes.</b>		
<b>Initiator Signature: _____</b>		

<i>NCSX RFD Part III</i>	<b>Number: 12-023</b>	<b>RFD Description: Rearrangement of VV1 Cooling Tubes</b>
<b>RLM(s):</b> <b>Design: Brad Nelson</b> <b>Manufacturing: Larry Dudek</b>		<b>Organization:</b> <b>Design: ORNL</b> <b>Manufacturing: PPPL</b>
<b>Impact on Interfaces with Other WBS Elements/Items: (If none, so state): NONE</b>		
<b>Design RLM Recommendations:</b> <input checked="" type="checkbox"/> Approve <input type="checkbox"/> Do Not Approve		<b>Manufacturing RLM Recommendations:</b> <input checked="" type="checkbox"/> Approve <input type="checkbox"/> Do Not Approve
<b>Additional remarks: Although this RFD only applies to VV1, the same philosophy is applicable to the other VV segments. However, individual RFDs will be required to document the specific rearrangements.</b>		
<b>Should the impacted drawings be formally revised or should the “stamp” process outlined in NCSX Procedure PROC-007 be utilized and should the specification (or other documents) be updated?</b>		
<input type="checkbox"/> No, a formal revision required to the drawing or specification is required		
<input checked="" type="checkbox"/> “Stamp” process outlined in PROC-007 is authorized.		
<input type="checkbox"/> If the change is substantial, a revision to the impacted drawings will be required after the third RFD stamp marking a substantial revision is placed on the drawing.		
<input checked="" type="checkbox"/> This change is NOT substantial and no update to the drawing will ever be required => in this case the “3” RFD stamp process does NOT apply.		
<b>Does this Change Impact Material Already Procured or Parts/Assemblies Already Assembled/Manufactured using this Material:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
<b>If “Yes”, what is the recommended disposition of this material/part/assembly and what is the impact? Only rearrangement of existing cooling tubes – use “as is”.</b>		

<i>NCSX RFD</i>  <i>Part III</i>	<b>Number: 12-023</b>	<b>RFD Description: Rearrangement of VV1 Cooling Tubes</b>
<b>RLM: Brad Nelson (ORNL) &amp; Larry Dudek (PPPL)</b>		<b>Organization: ORNL &amp; PPPL</b>
<b>Design RLM Signature:</b> _____  <b>Manufacturing RLM Signature:</b> _____		
<b>Project Disposition:</b>  <input checked="" type="checkbox"/> <b>Approved. No ECP required.</b> _____ <span style="margin-left: 300px;"><b>NCSX Systems Engineering Support Manager</b></span> <input type="checkbox"/> <b>Approved. ECP -</b> assigned and processed.  <input type="checkbox"/> <b>Not Approved. Reason(s) for disapproval:</b>		



**Impacted Areas**

**Vacuum Vessel  
cooling tubes**