

<i>NCSX RFD</i> <i>Part I</i>	<b>Number: RFD-14-002</b>	<b>RFD Description: Change in dimensional inspection for C1 casting</b>
<b>Initiator: P. Djordjevich</b>		<b>Organization: EIO</b>
<b>List of Impacted Documents: MTS C-1, Rev. 0</b>		
<b>Cost Impact: (If none, so state)</b> None.		
<b>Schedule Impact: (If none, so state)</b> None. (Note:If this change (which deleted a final dimensional inspection) was not made it would have likely resulted in a schedule delay).		
<b>State Requirement Deviation is Requested For: (Specification, SOW, drawing, etc.)</b> This request is to delete the second dimensional inspection in MTS C-1, Rev. 0, Step 455		
<b>Full Description of the Deviation Requested: (Use continuation pages, e-mails, letter, sketches, etc. as needed and include amplifying information as appropriate to support deviation request.)</b> A second dimensional inspection was specified in the MTS C-1, Rev. 0, Step 455. EIO requests that this inspection (at Step 455) be deleted because the casting was dimensionally inspected by 3-D SCANCO immediately after it was de-molded at Step 200 (to verify pattern).  EIO views two dimensional inspections as redundant and requests that only a single dimensional inspection be specified in the foundry MTS. The machine shop performs additional dimensional checks and will perform the final dimensional inspection prior to shipment.		
<b>Attachments: 1. E-mail from P. Djordjevich, dated March 28, 2005</b>		
<b>Initiator Signature:</b> _____ <b>(received by e-mail – see attached).</b> <b>Date:</b> <u>April 15, 2005</u>		

Attachment 1.

From: Peter Djordjevich [mailto:djord@earthlink.net]  
Sent: Monday, March 28, 2005 12:01 PM  
To: pqa; Phil Heitzenroeder  
Cc: NKHFlowen; royjratc-aol-com-offsite  
Subject: Final Dimensional Deviation Request

EIO has reviewed the dimensional report supplied by 3DScanco in conjunction with Lawton Pattern on the C1 coil.

After evaluation it was determined that the casting data corresponds with the pattern data deeming the coil an acceptable casting.

EIO is formally requesting that this data be accepted in lieu of a final inspection of the C1 coil. MIT attached showing internal sign off MetalTech step 200.

As we have discussed I will also be forwarding a list of testing requirements that as of yet have not been completed and are pending with MetalTech.

The tests are Metallurgical in nature are either in process or awaiting interpretation.

I will be submitting a deviation request for information that is lacking prior to shipment along with a EIO release form, awaiting procedural release from PPPL prior to shipment.

Sincerely,

Peter

Peter Djordjevich

[djord@earthlink.net](mailto:djord@earthlink.net)

<i>NCSX RFD</i> <i>Part III</i>	<b>Number: RFD-14-002</b>	<b>RFD Description: Change in dimensional inspection for C1 casting</b>
<b>RLM: B. Nelson</b>		<b>Organization: ORNL</b>
<b>Impact on Interfaces with Other WBS Elements/Items: <i>(If none, so state)</i></b>  <b>None.</b>		
<p><b>RLM Recommended Disposition:</b></p> <p><input checked="" type="checkbox"/> <b>Approve</b>   <input type="checkbox"/> <b>Do Not Approve (If recommendation is to approve, ECP will be assigned)</b></p> <p><b>Additional remarks: Include this in the next revision to MCWF CPSEC</b></p>		
<b>RLM Signature:</b> _____		
<b>Project Disposition: (Include ECP Number):</b> None since this is a process change.		