

<i>NCSX RFD</i> <i>Part I</i>	Number: 14-008	RFD Description: C1 ONLY – Add Additional G11CR Shims for Poloidal Break
Initiator: Phil Heitzenroder and Kevin Bowling		Organization: PPPL and MTM
List of Impacted Documents: ( <i>Specification, MIT/QA Plan, SOW, drawing, etc.</i> ) NCSX-CSPEC-141-03, MTM MIT/QA Plan, and Drawings SE141-116 and SE-141-103		
Cost Impact: ( <i>If none, so state</i> ) NONE		
Schedule Impact: ( <i>If none, so state</i> ) NONE		
Quality Impact: ( <i>If none, so state</i> ) NONE		
State Requirement Deviation is Requested For: ( <i>Specification, MIT/QA Plan, SOW, drawing, etc.</i> ) NCSX-CSPEC-141-03, MTM MIT/QA Plan, and Drawings SE141-116 and SE-141-103		
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> )  See Attached MTM Request for Deviation MTM-002		
Attachments: MTM Request for Deviation MTM-002		
Initiator Signature: <u>See Signatures on MTM-002</u> Date: <u>September 22, 2005</u>		

**Request for Deviation**

**MCWF Type C**

**Serial Number: C1 only**

**Number: MTM-RFD-002**

**RFD Description:**

1. PPPL with MTM's agreement requests deviation to add additional G11CR shim pieces to allow the material to slip during the tightening of the nuts for the Poloidal break. This request is made because the G11CR material on the outside of the Poloidal break cracked during the tightening of the nuts.
2. PPPL with MTM's agreement requests to torque the nuts to 1000 ft-lbs for inspection and shipment. PPPL will evaluate the torque requirement and may decide to torque the nuts to a different torque value at the PPPL site.
3. PPPL to advise MTM on assembly hardware configuration changes and final torque values for remaining upcoming parts.

**Initiator: Kevin Bowling, Phil Heitzenroeder**

**Organization: Major Tool and Machine, Inc. and PPPL**

**List of Impacted Documents:**

NCSX-CSPEC-141-03, MTM MIT/QA Plan, SE141-116, SE141-103.

**Quality Impact: Corrects problem with G11CR cracking behind the washers and nuts.**

Initiator Signature: *P. Heizenroeder* Date: 9/22/05

Initiator Signature: *Kevin Bowling* Date: 9/22/05

<i>NCSX RFD</i> <i>Part III</i>	<b>Number: 14-008</b>	<b>RFD Description: C1 ONLY – Add Additional G11CR Ship Pieces</b>
<b>RLM: Brad Nelson</b>		<b>Organization: ORnl</b>
<b>Impact on Interfaces with Other WBS Elements/Items: (If none, so state) NONE</b>		
<p><b>RLM Recommendation:</b></p> <p><input checked="" type="checkbox"/> <b>Approve</b>   <input type="checkbox"/> <b>Do Not Approve</b></p> <p><b>Additional remarks:</b></p>		
<b>RLM Signature:</b> _____		
<p><b>Project Disposition:</b></p> <p><input type="checkbox"/> <b>Approved. No ECP required.</b> _____ NCSX Systems Engineering Support Manager</p> <p><input checked="" type="checkbox"/> <b>Approved. An ECP and ECN will be assigned and processed when the next revision to the CSPEC and drawings are made, but not later than October 31st.</b></p> <p>_____ NCSX Systems Engineering Support Manager</p> <p><input type="checkbox"/> <b>Not Approved. Reason(s) for disapproval:</b></p>		