

**PPPL NONCONFORMANCE REPORT NO: 3629      Open Date 01/09/06**

<b>Status</b>	5 - Corrective Action Needed	<b>Trend</b>	01-Deviation From Doc/Proc
<b>Department</b>	NCSX	<b>Division</b>	NCSX Project
<b>Source/Org</b>	FABRICATION, OPERATIONS & MAINTENANCE		
<b>Item Dwg/Part#</b>	SE141-103	<b>Procurement #</b>	D-NCSX-MCF-001 R.2
<b>RAP#</b>	3207	<b>Job Doc #</b>	D-NCSX-MCF-001
<b>RAP Title</b>	Modular Coil Fabrication - Winding Form Preparation Activities		
<input type="checkbox"/> HoldTag Applied			

**Nonconforming Condition (include requirement(s) violated):**

The polodial break nut bearing plates on the C1 modular coil winding form has a magnetic permeability that is over the maximum of 1.02 as stated in NCSX-ASPEC-GRD-03 paragraph 3.3.1.1. There are six bearing plates on the winding form. All six plates have permeability readings greater than 1.02 but less than 1.05. Severn gauge #5111 was used and has the following inserts for readings: 1.01, 1.02, 1.05, 1.2, 1.8, 2.0, 2.2, 3.0 and 3.5. All six plates are installed on the winding form.

<b>Lot Size Recd</b> <u>6</u>	<b>Sample Size Insp</b> <u>6</u>	<input checked="" type="checkbox"/> <b>Lot Rejected</b>	<b># Rejected</b> <u>6</u>
<b>Reported By</b> <u>Phelps C</u>	<b>Validated By</b> <u>Boscoe J</u>	<b>Validated Date</b> <u>01/09/06</u>	

**Disposition:** Rework\*\_\_ Repair\*\_\_ Use As Is\*\_\_ Return To Vendor\*\_\_ Scrap\*\_\_

**Rework**

The bearing plates will be replaced during the time that the new hardware for the poloidal break is changed out.

For rework or repair of vendor supplied equipments, fill in information below:

<b>#Hours</b> _____	<b>\$Est Labor</b> _____	<b>\$G&amp;A</b> _____
<b>\$Material</b> _____	<b>\$Burden</b> _____	<b>\$Total</b> _____

<b>Disposition By</b>	<u>Chrzanowski J</u>	<b>Date</b>	<u>03/02/06</u>
<b>Supervisor's Concur</b>	<u>Dudek L</u>	<b>Date</b>	<u>03/02/06</u>
<b>Eng. Dept. Head Concur</b>	<u>Williams M</u>	<b>Date</b>	<u>03/02/06</u>
<b>WCO/Other</b>	<u>N/A</u>	<b>Date</b>	_____

<b>PQA/QC Mgr Dispos Concur</b>	<u>Boscoe J</u>	<b>Date</b>	<u>03/09/06</u>
<b>QC Field Verification By</b>	_____	<b>Date</b>	_____

**Distribution**

**Cog** J. Chrzanowski  
**Insp** Phelps/Boscoe  
 Proj. Doc Control (when closed)  
 QC Files  
 Malsbury J  
 Boscoe J  
 Heitzenroeder P  
 Williams M  
 Tyrrell M