

**PPPL NONCONFORMANCE REPORT NO: 3648**      **Open Date 04/18/06**

<b>Status</b>	9 - Closed NCR	<b>Trend</b>	07-Out Of Tolerance
<b>Department</b>	NCSX	<b>Division</b>	NCSX Project
<b>Source/Org</b>	FABRICATION, OPERATIONS & MAINTENANCE		
<b>Item Dwg/Part#</b>	SE141-123 R0 / Pt. #12	<b>Procurement #</b>	D-NCSX-MCF-001-03
<b>RAP#</b>	3207	<b>Job Doc #</b>	D-NCSX-MCF-001
<b>RAP Title</b>	Modular Coil Fabrication - Winding Form Preparation Activities		

HoldTag Applied

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

MCWF-C4, The two lead block adjustment studs (SE141-123 R0 / Pt. #12) for the NCSX C4 modular coil exhibit a magnetic permeability above the maximum allowed by NCSX-ASPEC-GRD-04 paragraph 3.3.1.1, maximum of 1.02 mu. These studs are permanent and the measurements were taken after welding.

Stud #1 - >1.3, <1.7

Stud #2 - >1.02, <1.03

<b>Lot Size Recd</b>	0	<b>Sample Size Insp</b>	0	<input type="checkbox"/> Lot Rejected	<b># Rejected</b>	0
<b>Reported By</b>	Phelps C	<b>Validated By</b>	Boscoe J	<b>Validated Date</b>		

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

Use these studs as shown with no rework. Future coils starting with C5 will be utilizing inconel studs that will eliminate this permeability issue.

**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>	Chrzanowski J	<b>Date</b>	04/19/06
<b>Supervisor's Concur</b>	Dudek L	<b>Date</b>	04/19/06
<b>Eng. Dept. Head Concur</b>	Williams M	<b>Date</b>	04/19/06
<b>WCO/Other</b>	N/A	<b>Date</b>	_____

<b>PQA/QC Mgr Dispos Concur</b>	Boscoe J	<b>Date</b>	04/19/06
<b>QC Field Verification By</b>	N/A	<b>Date</b>	_____

**Distribution**

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