

**PPPL NONCONFORMANCE REPORT NO: 3647      Open Date 04/13/06**

<b>Status</b>	2 - Disposition Needed	<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>	N/A	<b>Procurement #</b>	D-NCSX-MCF-004-00
<b>RAP#</b>	3234	<b>Job Doc #</b>	D-NCSX-MCF-004
<b>RAP Title</b>	Modular Coil Fabrication - Post VPI Activities		
<input type="checkbox"/> <b>HoldTag Applied</b>			

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

MCWF-C1, On the C1 NCSX Modular Coil six (6) of the fourteen (14) cooling tubes are in electrical contact with the casting/winding form. Paragraph 6.3.3 of procedure D-NCSX-MCF-004-00 states "Verify that cooling tubes are not grounded and electrically isolated to modular coil winding form using a multi-meter." The cooling tubes found to be in contact with the winding form are listed below, tubes not listed were determined to be electrically isolated from the winding form.

Side A:

Upper - Clamp 13 to 77 - Reading of 0.33 ohms

Lower - Clamp 29 to 73 - Reading of 0.60 ohms

Side B:

Upper - Clamp 16 to 26 - Reading of 0.45 ohms

Upper - Clamp 13 to 77 - Reading of 0.26 ohms

Upper - Clamp 29 to 75 - Reading of 0.26 ohms

Lower - Clamp 29 to 73 - Reading of 1.14 ohms

**Lot Size Recd** 0      **Sample Size Insp** 0      ☐ **Lot Rejected**      **# Rejected** 0

**Reported By** Meighan T      **Validated By** Phelps C      **Validated Date** 04/11/06

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

**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> _____	<b>Date</b> _____
<b>Supervisor's Concur</b> _____	<b>Date</b> _____
<b>Eng. Dept. Head Concur</b> _____	<b>Date</b> _____
<b>WCO/Other</b> _____	<b>Date</b> _____

<b>PQA/QC Mgr Dispos Concur</b> _____	<b>Date</b> _____
<b>QC Field Verification By</b> _____	<b>Date</b> _____

**Distribution**

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