

**PPPL NONCONFORMANCE REPORT NO: 3741 Open Date 01/04/08**

**Status** Closed **Trend** 01-Deviation From Doc/Proc

**Department** NCSX **Division** NCSX Project

**Source/Org** Fab, Ops and Maint

**Item Dwg/Part#** MCWF-B2 **Procurement #** \_\_\_\_\_

**Cost Center** \_\_\_\_\_ **WBS/Other** 142

**RAP#** 3234 **Job Doc #** D-NCSX-MCF-004 **Vendor** \_\_\_\_\_

**RAP Title** Modular Coil Fabrication - Post VPI Activities

**HoldTag Applied**

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

MCWF-B2, Three (3) of the twelve (12) liquid nitrogen cooling tubes are in electrical contact with the winding form, see details below. Paragraph 6.14.1 of D-NCSX-MCF-004-003 states "Verify that cooling tubes are isolated from all other cooling tubes and from the modular coil winding form using a multi-meter".

Side A - Zone 1 - Inner = 0.5 Ohms

Side A - Zone 3 - Inner = 0.3 Ohms

Side B - Zone 3 - Inner = 3.8 Ohms

This test was performed after VPI operations. All other cooling tubes were determined to be isolated from the winding form.

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

**Reported By** Phelps C **Validated By** Boscoe J **Validated Date** 01/04/08

**Distribution** **Cog** J. Chrzanowski **Insp** C. Phelps

Proj. Doc Control (when closed) QC Files Malsbury J Boscoe J

T. Meighan Heitzenroeder P Williams M Tyrrell M Simmons B Dudek L

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

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

# Hours \_\_\_\_\_ \$ Est Labor \_\_\_\_\_ \$ G&A \_\_\_\_\_  
\$ Material \_\_\_\_\_ \$ Burden \_\_\_\_\_ \$ Total \_\_\_\_\_

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Disposition by \_\_\_\_\_

~~Supervisor's Concurrence~~ \_\_\_\_\_

Eng. Dept. Head Concurrence \_\_\_\_\_

Other (i.e., WCO/FPE) Concurrence \_\_\_\_\_

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PQA/QC Mgr Disposition Concurrence \_\_\_\_\_

QA Field Verification by \_\_\_\_\_