

PPPL NONCONFORMANCE REPORT NO: 3654 **Open Date 05/17/06**

Status	9 - Closed NCR		Trend	07-Out Of Tolerance	
Department	NCSX		Division	NCSX Project	
Source/Org	FABRICATION, OPERATIONS & MAINTENANCE				
Item Dwg/Part#	N/A	Procurement #	D-NCSX-MCF-004	Cost Center	
RAP#	3234	Job Doc #	D-NCSX-MCF-004	Vendor	
RAP Title	Modular Coil Fabrication - Post VPI Activities				
<input type="checkbox"/> HoldTag Applied					

Nonconforming Condition (include requirement(s) violated):

MCWF-C2, On the C2 NCSX Modular Coil six (3) 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. This check was performed prior to VPI operations and was performed for information purposes and therefore Ohm readings were not taken at the time of testing.

Side A:
Lower - Clamp 27 to 75

Side B:
Upper - Clamp 16 to 28
Lower - Clamp 27 to 73

Lot Size Recd	<u>0</u>	Sample Size Insp	<u>0</u>	<input type="checkbox"/> Lot Rejected	# Rejected	<u>0</u>
Reported By	<u>Phelps C</u>	Validated By	<u>Boscoe J</u>	Validated Date	<u>05/17/06</u>	

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

Per discussions with Wayne Reiersen on C1 (NCR 3647) these out of tolerances to ground were accepted. Significant improvements were made from C1 to C2, a reduction from 6 to 3 locations. There are no improvements that can be made to correct problem on C2.

<p>For rework or repair of vendor supplied equipments, fill in information below:</p> <table style="width:100%;"> <tr> <td>#Hours</td> <td><u> </u></td> <td>\$Est Labor</td> <td><u> </u></td> <td>\$G&A</td> <td><u> </u></td> </tr> <tr> <td>\$Material</td> <td><u> </u></td> <td>\$Burden</td> <td><u> </u></td> <td>\$Total</td> <td><u> </u></td> </tr> </table> <table style="width:100%;"> <tr> <td>Disposition By</td> <td><u>Chrzanowski J</u></td> <td>Date</td> <td><u>05/26/06</u></td> </tr> <tr> <td>Supervisor's Concur</td> <td><u>Dudek L</u></td> <td>Date</td> <td><u>05/26/06</u></td> </tr> <tr> <td>Eng. Dept. Head Concur</td> <td><u>Williams M</u></td> <td>Date</td> <td><u>05/26/06</u></td> </tr> <tr> <td>WCO/Other</td> <td><u>N/A</u></td> <td>Date</td> <td><u> </u></td> </tr> </table> <table style="width:100%;"> <tr> <td>PQA/QC Mgr Dispos Concur</td> <td><u>Boscoe J</u></td> <td>Date</td> <td><u>05/31/06</u></td> </tr> <tr> <td>QC Field Verification By</td> <td><u>N/A</u></td> <td>Date</td> <td><u> </u></td> </tr> </table>	#Hours	<u> </u>	\$Est Labor	<u> </u>	\$G&A	<u> </u>	\$Material	<u> </u>	\$Burden	<u> </u>	\$Total	<u> </u>	Disposition By	<u>Chrzanowski J</u>	Date	<u>05/26/06</u>	Supervisor's Concur	<u>Dudek L</u>	Date	<u>05/26/06</u>	Eng. Dept. Head Concur	<u>Williams M</u>	Date	<u>05/26/06</u>	WCO/Other	<u>N/A</u>	Date	<u> </u>	PQA/QC Mgr Dispos Concur	<u>Boscoe J</u>	Date	<u>05/31/06</u>	QC Field Verification By	<u>N/A</u>	Date	<u> </u>	<p>Distribution</p> <p>Cog <u>J. Chrzanowski</u> Insp <u>C. Phelps</u> Proj. Doc Control (when closed) QC Files Malsbury J Boscoe J T. Meighan Heitzenroeder P Dudek L Reiersen W Williams M Tyrrell M</p>
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