

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

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-004-00
RAP#	3234	Job Doc #	D-NCSX-MCF-004
RAP Title	Modular Coil Fabrication - Post VPI Activities		

HoldTag Applied

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*** **Use As Is**

Per discussions with Wayne Reiersen these out of tolerances to ground on C1 will be accepted and used as is.

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

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

Disposition By	<u>Chrzanowski J</u>	Date	<u>05/16/06</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>

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