

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

Status	2 - Disposition Needed	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		
<input type="checkbox"/> 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***__

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

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

Disposition By _____	Date _____
Supervisor's Concur _____	Date _____
Eng. Dept. Head Concur _____	Date _____
WCO/Other _____	Date _____

PQA/QC Mgr Dispos Concur _____	Date _____
QC Field Verification By _____	Date _____

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