

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

Status2 - Disposition Needed

Trend01-Deviation From Doc/Proc

DepartmentNCSX

DivisionNCSX Project

Source/OrgFab, Ops and Maint

Item Dwg/Part#MCWF-B2Procurement #

Cost CenterWBS/Other 142

RAP# 3234Job Doc #D-NCSX-MCF-004Vendor

RAP TitleModular 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 Recd0

Sample Size Insp0

☐ Lot Rejected

Rejected0

Reported ByPhelps CValidated ByBoscoe JValidated Date01/04/08

Distribution

CogJ. Chrzanowski

InspC. Phelps

Proj. Doc Control (when closed)QC FilesMalsbury JBoscoe J

T. MeighanHeitzenroeder PWilliams MTyrrell MSimmons BDudek L

Disposition: Rework____ Repair ____ Use As Is____ Return to Vendor____ Scrap____

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

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

Disposition by _____

~~Supervisor's Concurrence~~ _____

Eng. Dept. Head Concurrence _____

Other (i.e., WCO/FPE) Concurrence _____

PQA/QC Mgr Disposition Concurrence _____

QA Field Verification by _____