

PPPL NONCONFORMANCE REPORT NO: 3649 Open Date 04/19/06

Status	2 - Disposition Needed	Trend	07-Out Of Tolerance
Department	NCSX	Division	NCSX Project
Source/Org	FABRICATION, OPERATIONS & MAINTENANCE		
Item Dwg/Part#	SE142C-047 R0 / Pt. #3	Procurement #	D-NCSX-MCF-001
RAP#	3207	Job Doc #	D-NCSX-MCF-001
RAP Title	Modular Coil Fabrication - Winding Form Preparation Activities		
<input type="checkbox"/> HoldTag Applied			

Nonconforming Condition (include requirement(s) violated):

MCWF C2 to C6, B1 to B6, A1 to A6, The Keenserts used in the G-11 Jumpers Base Blocks exhibit a magnetic permeability greater than is allowed by NCSX-ASPEC-GRD-04 paragraph 3.3.1.1, maximum of 1.02 mu. Magnetic permeability readings are detailed below. There are a total of seven (7) Keenserts per Jumpers Base Block and one (1) Jumpers Base Block per coil. All of the base blocks have been fabricated and are installed on C2 and C3 coils as of the writing of this report. NCR 3624 approved the use of these inserts on the C1 coil. See attached for details.

Lot Size Recd 100 **Sample Size Insp** 20
 ☐ **Lot Rejected** **# Rejected** 0

Reported By Phelps C **Validated By** Boscoe J **Validated Date** 04/19/06

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 Phelps/Boscoe
 Proj. Doc Control (when closed)

 QC Files
 Malsbury J
 Boscoe J
 T. Meighan
 Dudek L
 Reiersen W
 Heitzenroeder P
 Williams M
 Tyrrell M

NCR 3649 Attachment, p. 1 of 1

Qty. received - 100

Sample size - 20

Body of insert -

- (2) <1.02 mu**
- (14) >1.02, <1.03 mu**
- (2) >1.03, <1.04 mu**
- (2) >1.04, <1.05 mu**

Locking pins on insert -

- (10) >1.2, <1.3 mu**
- (9) >1.3, <1.7 mu**
- (1) >1.7, <1.8 mu**