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

Status 9 - Closed NCR **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 **Cost Center**

RAP# 3207 **Job Doc #** D-NCSX-MCF-001 **Vendor**

RAP Title Modular Coil Fabrication - Winding Form Preparation Activities

☐ 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*___ **Use As Is**

Parts can be used "as is" per Art Brooks. Art's quotation from July 6, 2006 memo "I would accept the Keenserts as they are. The amount of material involved is fairly small even compared to other items in the same vicinity which were previously looked at in greater detail (ie hockey pucks, bearing plates)." per Art Brooks

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

#Hours _____ **$Est Labor** _____ **$G&A** _____

$Material _____ **$Burden** _____ **$Total** _____

Disposition By Chrzanowski J **Date** 09/06/06

Supervisor's Concur Dudek L **Date** 09/06/06

Eng. Dept. Head Concur WIlliams M **Date** 09/06/06

WCO/Other N/A **Date** _____

PQA/QC Mgr Dispos Concur Boscoe J **Date** 09/06/06

QC Field Verification By N/A **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