

PPPL NONCONFORMANCE REPORT NO: 3646 **Open Date 04/07/06**

Status	9 - Closed NCR		Trend	01-Deviation From Doc/Proc	
Department	NCSX		Division	NCSX Project	
Source/Org	VENDOR				
Item Dwg/Part#	NCSX MCWF C-2 & C-3	Procurement #	S005242-F	Cost Center	9450 1*** 1404
RAP#	3209	Job Doc #	S005242-F	Vendor	Energy Industries of Ohio
RAP Title	NCSX - Modular Coil Winding Forms				

HoldTag Applied

Nonconforming Condition (include requirement(s) violated):

MCWF #2 and 3 - Measured permeability on 5 of the 12 MCWF C-2 & 3 Bearing Plates exceeds the maximum 1.03 Mu allowed on NCSX RFD 14-011.
 C-2 - One long plate reads >1.03, <1.04. The other long plate reads >1.04, <1.05. The short plates are all within the limit.
 C-3 - Two short plates read >1.04, <1.05. One long plate has a maximum reading of >1.04, <1.05. The other two short plates and the 2nd long plate all measure within the limit. (see attached sketch for further details)

Lot Size Recd 12 **Sample Size Insp** 12 **Lot Rejected** **# Rejected** 7

Reported By Phelps C **Validated By** Malinowski F **Validated Date** 04/07/06

Disposition: Rework* Repair* Use As Is* Return To Vendor* Scrap* **Use As Is**

Use as is for MCWFs C2 and C3. (Note that the bearing plates have been changed to Stellanloy for the remainder of the MCWFs due to continued permeability issues which cumulatively would have led to prohibitively high field errors).

Ref, A. Brook's email of 4/10/06

Phil,

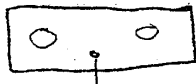
We had previously analyzed and accepted 1.03 on the bearing plates. While the C2 and C3 are higher in some locations, they should still be tolerable.

Art

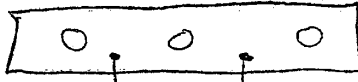
For rework or repair of vendor supplied equipments, fill in information below:				Distribution	
#Hours	\$Est Labor	\$G&A	\$Material	\$Burden	\$Total
_____	_____	_____	_____	_____	_____
Disposition By	<u>Heitzenroeder P</u>	Date	<u>05/09/06</u>	Cog <u>Heitzenroeder P</u> Insp <u>Phelps C</u> Proj. Doc Control (when closed) QC Files Malsbury J Boscoe J Chrzanowski J Sutton L Malinowski F Reiersen W Nelson B	
Supervisor's Concur	<u>Nelson B E</u>	Date	<u>05/09/06</u>		
Eng. Dept. Head Concur	<u>Williams M</u>	Date	<u>05/09/06</u>		
WCO/Other	<u>N/A</u>	Date	_____		
PQA/QC Mgr Dispos Concur	<u>Boscoe J</u>	Date	<u>05/09/06</u>		
QC Field Verification By	<u>N/A</u>	Date	_____		

C3 Bearing Plates 4/4/06 - Magnetic Permeability

A side



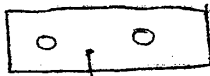
>1.02
<1.03



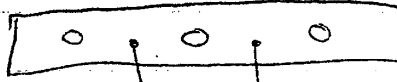
>1.02 <1.02
<1.03



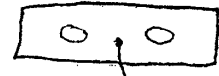
>1.02
<1.03



>1.04
<1.05



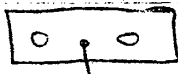
>1.03 >1.04
<1.04 <1.05



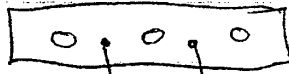
>1.04
<1.05

A side

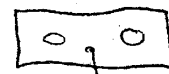
C2 Bearing Plates 4/4/06 - Magnetic Permeability



>1.02
<1.03



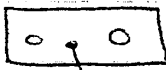
>1.04 >1.04
<1.05 <1.05



>1.02
<1.03

A side

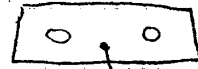
A side



>1.02
<1.03



>1.03 >1.03
<1.04 <1.04



>1.02
<1.03

Beyond Expectations...