

PPPL NONCONFORMANCE REPORT NO: 3639 **Open Date 03/21/06**

Status	2 - Disposition Needed		Trend	01-Deviation From Doc/Proc	
Department	NCSX		Division	NCSX Project	
Source/Org	VENDOR				
Item Dwg/Part#	SE142C-270 Rev. 0	Procurement #	D-NCSX-MCF-004	Cost Center	
RAP#	3234	Job Doc #	D-NCSX-MCF-004	Vendor	VARIOUS
RAP Title	Modular Coil Fabrication - Post VPI Activities				

HoldTag Applied

Nonconforming Condition (include requirement(s) violated):

MCWF #4 - The following additional parts for the NCSX modular coil final winding clamp assemblies exhibit a magnetic permeability higher than the maximum allowed per NCSX-ASPEC-GRD-03 paragraph 3.3.1.1 (permeability shall not exceed 1.02). See NCR 3634 for list of additional final winding clamp parts that are over the magnetic permeability limit.
PART #s 3 AND 6 (SEE ATTACHED FOR DETAILS.)

The following parts were found to be acceptable.
PART #9 (SEE ATTACHED FOR DETAILS.)

Lot Size Recd	0	Sample Size Insp	0	<input type="checkbox"/> Lot Rejected	# Rejected	0
Reported By	Phelps C	Validated By	Boscoe J	Validated Date		

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
 Heitzenroeder P
 Dudek L
 Williams M
 Tyrrell M

NCR 3639 Attachment (p.1 of 1)

The following additional parts for the NCSX modular coil final winding clamp assemblies exhibit a magnetic permeability higher than the maximum allowed per NCSX-ASPEC-GRD-03 paragraph 3.3.1.1 (permeability shall not exceed 1.02). See NCR 3634 for list of additional final winding clamp parts that are over the magnetic permeability limit.

<u>Part #</u>	<u>Part Type</u>	<u>Quantity</u>	<u>Sample Size</u>	<u>Results</u>
3	Bushing Spacer (silver plated 316)	805	30	(5) >1.06, <1.08 (23) >1.08, <1.09 (2) >1.09, <1.10
6	Keeper Screw (silver plated 316)	1756	40	(21) >1.02, <1.03 (7) >1.03, <1.04 (9) >1.04, <1.05 (3) >1.05, <1.06

The following parts were found to be acceptable.

<u>Part #</u>	<u>Part Type</u>	<u>Quantity</u>	<u>Sample Size</u>	<u>Results</u>
9	Flat Washer (316)	1980	40	(40) <1.02