

# PPPL NONCONFORMANCE REPORT NO: 3634      Open Date 03/13/06

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

☐ HoldTag Applied

## Nonconforming Condition (include requirement(s) violated):

The first shipment of NCSX modular coil final winding clamp assemblies, and related purchased hardware exhibits a magnetic permeability higher than the maximum allowed per NCSX-ASPEC-GRD-03 paragraph 3.3.1.1 (permeability shall not exceed 1.02). Unless otherwise noted all material is type 316 stainless steel See attached list for details.

<b>Lot Size Recd</b>	0	<b>Sample Size Insp</b>	0	<input type="checkbox"/> Lot Rejected	<b># Rejected</b>	0
<b>Reported By</b>	Phelps C	<b>Validated By</b>	Boscoe J	<b>Validated Date</b>	03/10/06	

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

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

<b>#Hours</b>	_____	<b>\$Est Labor</b>	_____	<b>\$G&amp;A</b>	_____
<b>\$Material</b>	_____	<b>\$Burden</b>	_____	<b>\$Total</b>	_____

<b>Disposition By</b>	_____	<b>Date</b>	_____
<b>Supervisor's Concur</b>	_____	<b>Date</b>	_____
<b>Eng. Dept. Head Concur</b>	_____	<b>Date</b>	_____
<b>WCO/Other</b>	_____	<b>Date</b>	_____

<b>PQA/QC Mgr Dispos Concur</b>	_____	<b>Date</b>	_____
<b>QC Field Verification By</b>	_____	<b>Date</b>	_____

## Distribution

**Cog** J. Chrzanowski  
**Insp** C. Phelps  
 Proj. Doc Control (when closed)  
 QC Files  
 Malsbury J  
 Boscoe J  
 T. Meighan  
 Williams M  
 Dudek L  
 Tyrrell M

**NCR 3634 Attachment (p. 1 of 1)**

<b><u>Part #</u></b>	<b><u>Part Type</u></b>	<b><u>Quantity</u></b>	<b><u>Sample Size</u></b>	<b><u>Results</u></b>
2	Bar, Clamp	175	21	(12) >1.10, <1.15 (4) >1.15, <1.2 (5) >1.2, <1.8
3	Bushing Spacer	1	1	(1) >1.06, <1.08
4	Washer, Convex	1610	100	(40) <1.02 (60) >1.02, <1.03
5	Washer, Concave	1610	100	(6) >1.02, <1.03 (9) >1.03, <1.04 (30) >1.04, <1.05 (30) >1.05, <1.06 (25) >1.06, <1.08
6	Keeper Screw	4	4	(1) >1.02, <1.03 (1) >1.03, <1.04 (2) >1.04, <1.05
7	Clamp Swivel	1	1	(1) >1.03, <1.04
10	3/8-16 x 1 ¼ SH	882	44	(41) >1.02, <1.03 (3) <1.02
11	3/8 x 3/8 shoulder	188	20	(1) >1.02, <1.03 (1) >1.03, <1.04 (3) >1.04, <1.05 (6) >1.05, <1.06 (6) >1.06, <1.08 (3) >1.08, <1.09

The following parts were found to be acceptable.

<b><u>Part #</u></b>	<b><u>Part Type</u></b>	<b><u>Quantity</u></b>	<b><u>Sample Size</u></b>	<b><u>Results</u></b>
8	Belleville Washers	~10,000	~200	(~200) <1.02 (Inconel)
12	¼-20 x ½ BH	1850	100	(100) <1.02