

Status	2 - Disposition Needed	Trend	01-Deviation From Doc/Proc
Department	NCSX	Division	NCSX Project
Source/Org	FABRICATION, OPERATIONS & MAINTENANCE		
Item Dwg/Part#	N/A	Procurement #	D-NCSX-MCF-004
RAP#	3234	Job Doc #	D-NCSX-MCF-004
Vendor			
RAP Title	Modular Coil Fabrication - Post VPI Activities		

HoldTag Applied

Nonconforming Condition (include requirement(s) violated):

MCWF C2 thru C5, There is a coil winding clamp stud welded to the top of the polodial break shim on the C2 thru C5 modular coils that exhibits a permeability greater than the maximum of 1.02 Mu allowed by NCSX-ASPEC-GRD-04 paragraph 3.3.1.1. These studs are in a sensitive area near the winding pack and complete removal is risky. Details of the condition of each coil are listed below. These studs are 3/8" in diameter and are 316 stainless steel.

- C2 - Stud has been cut off approximately 0.5" above polodial break shim and has a magnetic permeability of >1.08 Mu, <1.09 Mu.
- C3 - Stud has been ground flush to polodial break shim and has a magnetic permeability of >1.10 Mu, <1.15 Mu.
- C4 - Stud has been ground flush to polodial break shim and has a magnetic permeability of >1.08 Mu, <1.09 Mu.
- C5 - Stud has been cut off approximately 0.5" above polodial break shim and has a magnetic permeability of >1.09 Mu, <1.10 Mu.

The C1 coil had a similar condition that was documented on NCR 3641 and was dispositioned "use as is" with a magnetic permeability of >1.2 Mu, <1.8 Mu.

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	10/23/06	

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** C. Phelps
- Proj. Doc Control (when closed)
- QC Files
- Malsbury J
- Boscoe J
- T. Meighan
- Dudek L
- Reiersen W
- Williams M
- Tyrrell M

Disposition: Rework___ Repair ___ Use As Is___ Return to Vendor___ Scrap___

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

Hours _____ \$ Est Labor _____ \$ G&A _____
\$ Material _____ \$ Burden _____ \$ Total _____

Disposition by _____

Supervisor's Concurrence _____

Eng. Dept. Head Concurrence _____

Other (i.e., WCO/FPE) Concurrence _____

PQA/QC Mgr Disposition Concurrence _____

QA Field Verification by _____