

Status	9 - Closed NCR	Trend	07-Out Of Tolerance
Department	NCSX	Division	WBS 142
Source/Org	FABRICATION, OPERATIONS & MAINTENANCE		
Item Dwg/Part#	SE141-122 R0 Pt. #'s 7, 8, 9,	Procurement #	D-NCSX-MCF-001 R4
RAP#	3207	Job Doc #	D-NCSX-MCF-001
Vendor			
Cost Center	9450-1***-1451		
RAP Title	Modular Coil Fabrication - Winding Form Preparation Activities		

HoldTag Applied

Nonconforming Condition (include requirement(s) violated):

MCWF B1 thru B6, The lead block mounts for the B1 and B2 modular coils are beyond the maximum magnetic permeability of 1.02 Mu as stated in NCSX-ASPEC-GRD-03 paragraph 3.3.1.1. These parts were manufactured by PPPL and made from 316 stainless steel. The remaining B type lead block mounts have yet to made and will most likely have a similar amount of magnetic permeability. When dispositioning this NCR please consider this condition to apply for all six of the B type coils as was done for the C and A coil types with this similar condition.

B1 coil - parts 7, 9, 10 - >1.4 Mu <1.5 Mu
 - part 8 - >1.3 Mu, <1.4 Mu

B2 coil - parts 7, 8, 9, 10 - >1.4 Mu, <1.5 Mu

Lot Size Recd	8	Sample Size Insp	8	<input checked="" type="checkbox"/> Lot Rejected	# Rejected	24
Reported By	Phelps C	Validated By	Boscoe J	Validated Date	01/04/07	

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

These parts are inside of the coil bundle and are no longer accessible. The permeability readings are no higher that other mounts that were accepted on the previous coils.
 [Reference NCR3628 was written on the type C block mounts and accepted as is with a magnetic permeability of greater than 1.02 Mu and less than 1.8 Mu]

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	02/26/07		
Supervisor's Concur	Dudek I	Date	02/26/07		
Eng. Dept. Head Concur	Williams m	Date	02/26/07		
WCO/Other	N/A	Date	_____		
PQA/QC Mgr Dispos Concur	Boscoe J	Date	03/06/07		
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
 Williams M
 Tyrrell M