

PPPL NONCONFORMANCE REPORT NO: 3643 **Open Date 03/27/06**

Status	5 - Corrective Action Needed		Trend	05-Design Interference	
Department	NCSX		Division	NCSX Project	
Source/Org	VENDOR				
Item Dwg/Part#	MCWF C-1, 2, and 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):

MCWFs 1,2, and 3 - While the model shows adequate clearance with nominal wall thicknesses, the thicker cast walls on NCSX MCWF C-3 interfere with the flange counter-bored holes in some locations. In at least 4 cases, the lack of clearance may prevent tightening of the nut or even insertion of the fastener. This same condition is reported to exist on MCWF's C-1 & C-2.

Lot Size Recd	0	Sample Size Insp	0	<input type="checkbox"/> Lot Rejected	# Rejected	0
Reported By	Gettelfinger G	Validated By	Malinowski F	Validated Date	03/27/06	

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

This condition is caused by the casting "stocking" (overcast) which is provided by the foundry to assure that there is sufficient material for machining. In some cases, the amount of stocking exceeds what is allowed. In general the stocking allowance was not taken into consideration during the design. MTM has made a gauge to check for adequate bolt clearances o C4 and beyond. They grind clearances as necessary based on this gauge. PPL will have to do similarly for MCWFs 1, 2, and 3.

For rework or repair of vendor supplied equipments, fill in information below:				Distribution	
#Hours	30	\$Est Labor	\$2550	\$G&A	
\$Material		\$Burden		\$Total	\$2550
Disposition By	Heitzenroeder P	Date	03/28/06	Cog Heitzenroeder P Insp Chrzanowski J Proj. Doc Control (when closed) QC Files Malsbury J Boscoe J Nelson b Reiersen W Phelps C Williams M Sutton L Tyrrell M Malinowski F	
Supervisor's Concur	Nelson B	Date	03/29/06		
Eng. Dept. Head Concur	Williams M	Date	03/29/06		
WCO/Other	N/A	Date			
PQA/QC Mgr Dispos Concur	Malinowski F	Date	03/31/06		
QC Field Verification By		Date			