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

Status	2 - Disposition Needed	**Trend**	05-Design Interferance
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   ☐ 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*___

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 on 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:

#Hours 30   **$Est Labor** $2550   **$G&A** _____

$Material _____   **$Burden** _____   **$Total** $2550 _

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** _____