

PPPL NONCONFORMANCE REPORT NO: 3661 Open Date 07/05/06

Status	5 - Corrective Action Needed	Trend	01-Deviation From Doc/Proc
Department	NCSX	Division	NCSX Project
Source/Org	VENDOR		
Item Dwg/Part#	D-NCSX-MCF-001 Rev. 03	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):

MCWF-A2, During the magnetic permeability verification of the NCSX C5 modular coil winding form a total of nineteen (19) areas were found to exhibit a permeability above the maximum allowed. NCSX-CSPEC-141-03-11 paragraph 3.1.1.5.1 states "the local relative magnetic permeability of any point in the winding form (including base metal and weld repairs) shall not exceed 1.02." All of these areas found are on the as cast surface and appear to fit into one of three characterizations below.

1. Oxidized, rusted appearance in the form of a scrape or a ding, see areas 2b "ID of hole".
2. Dark areas that have the appearance of lead or dark substance smeared on the surface, see areas 1, 11, 12, 13, 14, 15, 16, 18.
3. Pock mark impressions in the as cast surface with no distinct color variation, see areas 4, 5, 6, 7, 8, 9, 17.

Lot Size Recd	<u>0</u>	Sample Size Insp	<u>0</u>	<input type="checkbox"/> Lot Rejected	# Rejected	<u>0</u>
Reported By	<u>Phelps C</u>	Validated By	<u>Boscoe J</u>	Validated Date	<u>07/05/06</u>	

Disposition:	Rework* <u> </u>	Repair* <u> </u>	Use As Is* <u> </u>	Return To Vendor* <u> </u>	Scrap* <u> </u>	Rework
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The indicated areas will be ground to remove the high permeability contamination and re-tested. Jim Chrzanowski will coordinate this work.

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

#Hours	<u> </u>	\$Est Labor	<u> </u>	\$G&A	<u> </u>
\$Material	<u> </u>	\$Burden	<u> </u>	\$Total	<u>\$850</u>

Disposition By	<u>Heitzenroeder P</u>	Date	<u>07/06/06</u>
Supervisor's Concur	<u>Nelson B</u>	Date	<u>07/06/06</u>
Eng. Dept. Head Concur	<u>Williams M</u>	Date	<u>07/06/06</u>
WCO/Other	<u>N/A</u>	Date	<u> </u>

PQA/QC Mgr Dispos Concur	<u>Boscoe J</u>	Date	<u>07/10/06</u>
QC Field Verification By	<u> </u>	Date	<u> </u>

Distribution


Cog Heitzenroeder P
Insp Phelps C
 Proj. Doc Control (when closed)
 QC Files
 Malsbury J
 Boscoe J
 Chrzanowski J
 Heitzenroeder P
 Sutton L
 Lumberger J
 Reiersen W
 Nelson B
 Williams M
 Malinowski F

Status	2 - Disposition Needed		Trend	01-Deviation From Doc/Proc	
Department	NCSX		Division	NCSX Project	
Source/Org	VENDOR				
Item Dwg/Part#	D-NCSX-MCF-001 Rev. 03		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				
<input type="checkbox"/> HoldTag Applied					

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Lot Size Recd	<u>0</u>	Sample Size Insp	<u>0</u>	 Lot Rejected	# Rejected	<u>0</u>
Reported By	Phelps C	Validated By	Boscoe J	Validated Date	07/05/06	

~~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	_____

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 Williams M
 Malinowski F

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 _____

A2 permeability pictures





