

**Status** 2 - Disposition Needed **Trend** 01-Deviation From Doc/Proc  
**Department** NCSX **Division** WBS 142  
**Source/Org** FABRICATION, OPERATIONS & MAINTENANCE  
**Item Dwg/Part#** B3 MCWF **Procurement #** \_\_\_\_\_ **Cost Center** \_\_\_\_\_  
**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-B3, Three (3) of the twelve (12) liquid nitrogen cooling tubes are in electrical contact with the winding form, see details below. Paragraph 6.14.1 of D-NCSX-MCF-004-03 states "Verify that cooling tubes are isolated from all of the other cooling tubes and from the modular coil winding form using a multi-meter."

- Side A - Zone 2 - Inner = 0.2 Ohms
- Side A - Zone 3 - Inner = 2.7 Ohms
- Side B - Zone 3 - Inner = 0.4 Ohms

This test was performed after VPI operations. All other cooling tubes were determined to be isolated from the winding form.

**Lot Size Recd** 0 **Sample Size Insp** 0  Lot Rejected **# Rejected** 0  
**Reported By** Phelps C **Validated By** Boscoe J **Validated Date** 09/07/07

~~Disposition: Rework\* \_\_ Repair\* \_\_ Use As Is\* \_\_ Return To Vendor\* \_\_ Scrap\* \_\_~~

*Please use p. 2 for disposition and approvals .*

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

<del>#Hours</del> _____	<del>\$Est Labor</del> _____	<del>\$G&amp;A</del> _____	
<del>\$Material</del> _____	<del>\$Burden</del> _____	<del>\$Total</del> _____	
<del>Disposition By</del> _____		<del>Date</del> _____	
<del>Supervisor's Concur</del> _____		<del>Date</del> _____	
<del>Eng. Dept. Head Concur</del> _____		<del>Date</del> _____	
<del>WCO/Other</del> _____		<del>Date</del> _____	
<del>PQA/QC Mgr Dispos Concur</del> _____		<del>Date</del> _____	
<del>QC Field Verification By</del> _____		<del>Date</del> _____	

**Distribution**

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

Disposition: Rework\_\_\_ Repair \_\_\_ Use As Is\_\_\_ Return to Vendor\_\_\_ Scrap\_\_\_

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

# Hours \_\_\_\_\_ \$ Est Labor \_\_\_\_\_ \$ G&A \_\_\_\_\_  
\$ Material \_\_\_\_\_ \$ Burden \_\_\_\_\_ \$ Total \_\_\_\_\_

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Disposition by \_\_\_\_\_

~~Supervisor's Concurrence~~ \_\_\_\_\_

Eng. Dept. Head Concurrence \_\_\_\_\_

Other (i.e., WCO/FPE) Concurrence \_\_\_\_\_

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PQA/QC Mgr Disposition Concurrence \_\_\_\_\_

QA Field Verification by \_\_\_\_\_