

**Status** 2 - Disposition Needed **Trend** 07-Out Of Tolerance  
**Department** NCSX **Division** WBS 142  
**Source/Org** VENDOR  
**Item Dwg/Part#** \_\_\_\_\_ **Procurement #** PE007563-W **Cost Center** 9450 1\*\*\* 1431  
**RAP#** 3298 **Job Doc #** PE007563-W **Vendor** NICKEL SYSTEMS, INC  
**RAP Title** NCSX Modular Coil Hex Nuts

HoldTag Applied

**Nonconforming Condition (include requirement(s) violated):**

The thickness or height of the NCSX modular coil flange hex nuts was reported to be out of tolerance by the vendor. The vendor reported that ANSI B18.2.2 allows a range of thickness from 1.138" to 1.206", the vendor observed 1.227" to 1.250" which was accepted by PPPL/NCSX on 9/11/07. During the receipt inspection sampling (12 out of 133 received) 2 of the 12 sampled nuts measure 1.259" and 1.269" which is greater than reported by the vendor and accepted by PPPL/NCSX.

In addition all 12 samples have a magnetic permeability of >1.02 Mu but <1.03 Mu which is above the maximum of 1.02 Mu allowed by NCSX-ASPEC-GRD-05 para. 3.3.1.1.

**Lot Size Recd** 133 **Sample Size Insp** 12  Lot Rejected **# Rejected** 133  
**Reported By** Phelps C **Validated By** Malinowski F **Validated Date** 10/01/07

~~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** Dudek L  
**Insp** Phelps C  
 Proj. Doc Control (when closed)  
 QC Files  
 Malsbury J  
 Boscoe J  
 ACCOUNTING  
 PROCUREMENT  
 White A  
 Williams M  
 Heizenroeder P  
 Lumberger J  
 Tyrrell M  
 Viola M  
 Edwards J

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 \_\_\_\_\_