

| | | | |
|-----------------------|--|----------------------|----------------------------|
| Status | <u>2 - Disposition Needed</u> | Trend | <u>07-Out Of Tolerance</u> |
| Department | <u>NCSX</u> | Division | <u>WBS 121</u> |
| Source/Org | <u>FABRICATION, OPERATIONS & MAINTENANCE</u> | | |
| Item Dwg/Part# | <u>SE121-009 r0 w/ ECN 5152</u> | Procurement # | <u>D-NCSX-FPA-001</u> |
| RAP# | <u>3268</u> | Job Doc # | <u>D-NCSX-FPA-001</u> |
| RAP Title | <u>Field Period Assembly Station One</u> | | |

HoldTag Applied

Nonconforming Condition (include requirement(s) violated):

VVSA-1, 2, 3 - The vacuum vessel heating /cooling supply line to coolant tube welds (orbital GTAW welds) exhibit a magnetic permeability range of greater than 1.03 Mu to less than 1.10 Mu which is above the maximum of 1.02 Mu allowed by paragraph 3.2.1.4.6 of NCSX-CSPEC-185-01-00. At the time of this writing VVSA-3 has not been welded yet but is anticipated to be similar to that of VVSA-1 & 2. When dispositioning this NCR consider this condition to affect all three VVSA sections.

Each weld is 1 in. long by 3/16 in. wide by 0.035 in. thick and there are 128 welds per vessel segment. The welds are located approximately 1 ft. away from where port 12 interfaces the vessel.

| | | | | | | |
|----------------------|-----------------|-------------------------|-----------------|---------------------------------------|-------------------|----------|
| 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>06/19/07</u> | |

~~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:~~

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

Distribution

- Cog** M. Viola
- Insp** Boscoe/Phelps
- Proj. Doc Control (when closed)
- QC Files
- Malsbury J
- Boscoe J
- J. Edwards
- L. Dudek
- Reiersen W
- Williams M
- Tyrrell M

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 _____