

Status ~~2 - Disposition Needed~~ **Trend** 01-Deviation From Doc/Proc
Department NCSX **Division** WBS 123
Source/Org FABRICATION, OPERATIONS & MAINTENANCE
Item Dwg/Part# SE121-008 R1 **Procurement #** _____ **Cost Center** _____
RAP# 3268 **Job Doc #** D-NCSX-FPA-001 **Vendor** _____
RAP Title Field Period Assembly Station One

☐ HoldTag Applied

Nonconforming Condition (include requirement(s) violated):

VVSA-1, On vacuum vessel sub-assembly #1 there are dimensional deviations with the placement of the heating and cooling lines, see below.

Deviation #1 - Drawing SE121-008 R1 page 1 of 5 detail A states "Spacing between tubing runs to not exceed 8" max." See attached pictures 1 & 2.

Deviation #2 - Procedure D-NCSX-FPA-001 R1 paragraph 6.7.1 calls for a 5" spacing between H/C stud locations with a tolerance of +/- 1" along the length of the hose. See attached pictures 3 thru 6.

Deviation #3 - Procedure D-NCSX-FPA-001 R1 paragraph 6.7.2 states "Use heating cooling tube saddle foot print as a guide to maintain a minimum distance of 1/4 inch from the flux loops." See attached pictures 7 thru 10.

Lot Size Recd 0 **Sample Size Insp** 0 ☐ Lot Rejected **# Rejected** 0
Reported By Phelps C **Validated By** Boscoe J **Validated Date** 04/16/07

~~**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:~~

~~**#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** _____~~

Distribution

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

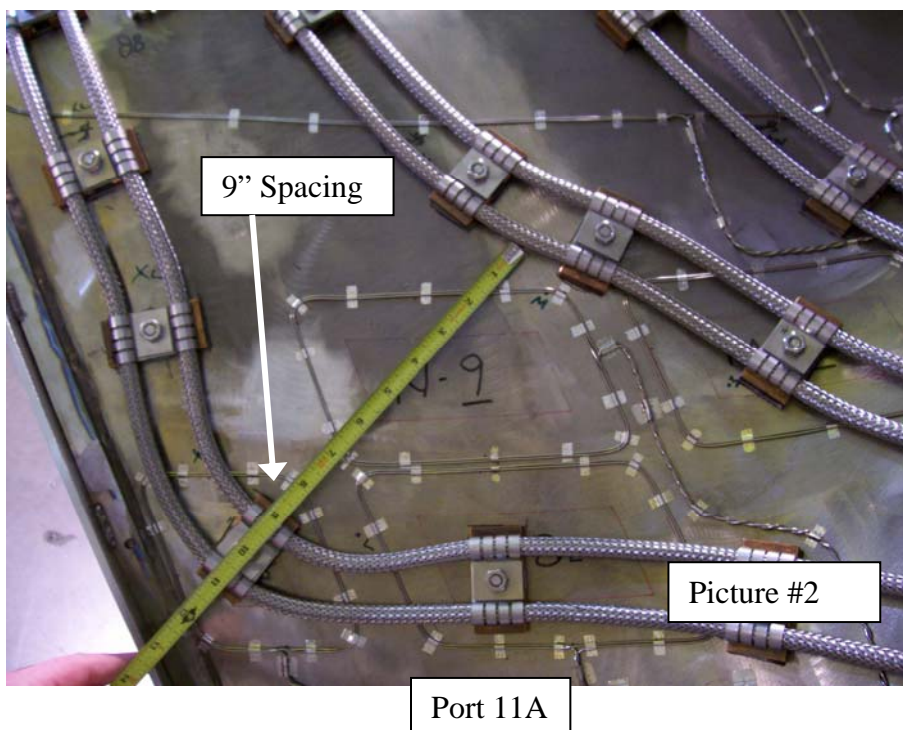
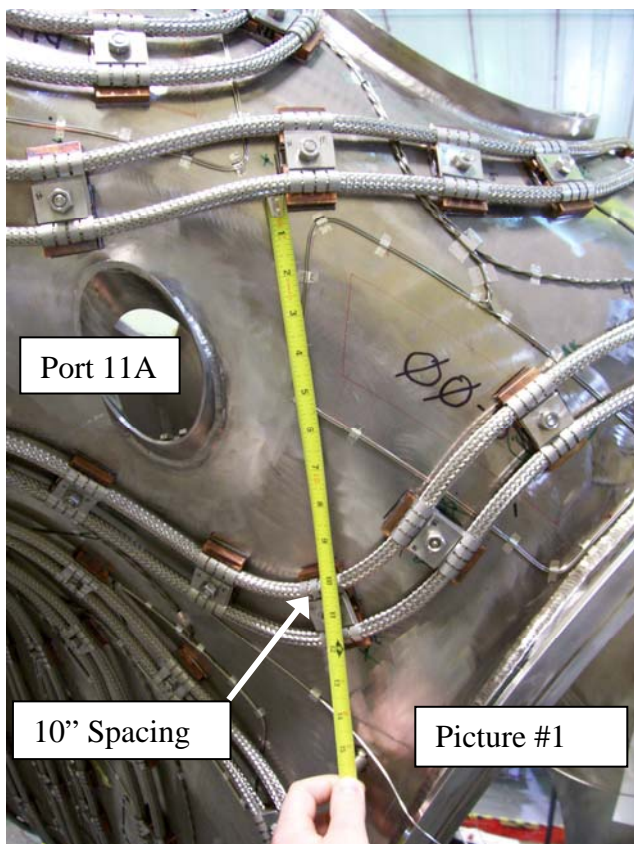
Eng. Dept. Head Concurrence _____

Other (i.e., WCO/FPE) Concurrence _____

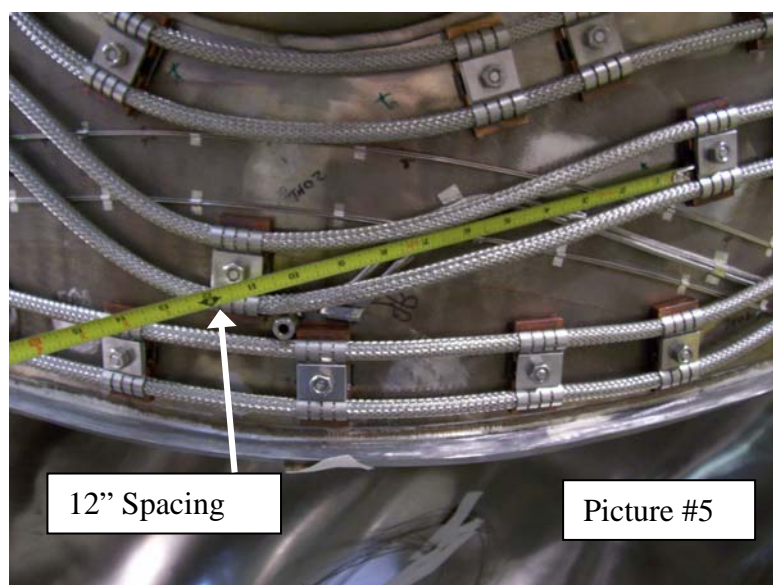
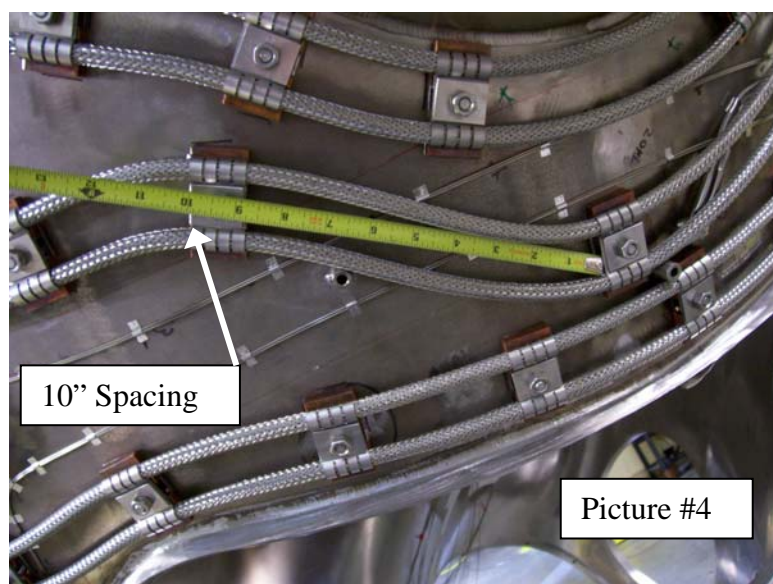
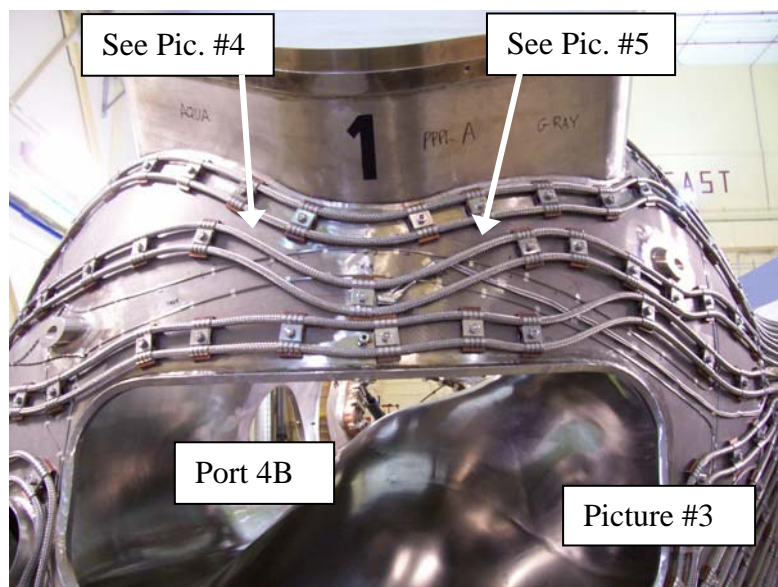
PQA/QC Mgr Disposition Concurrence _____

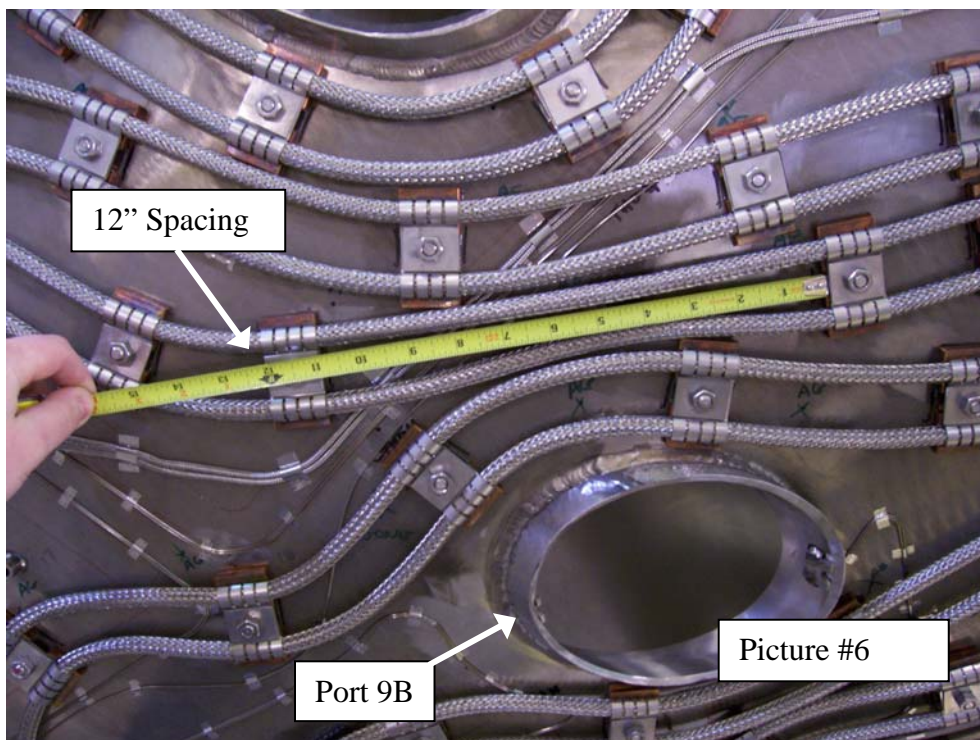
QA Field Verification by _____

Deviation #1 (Pictures 1 & 2) – 8” max spacing between tube runs.

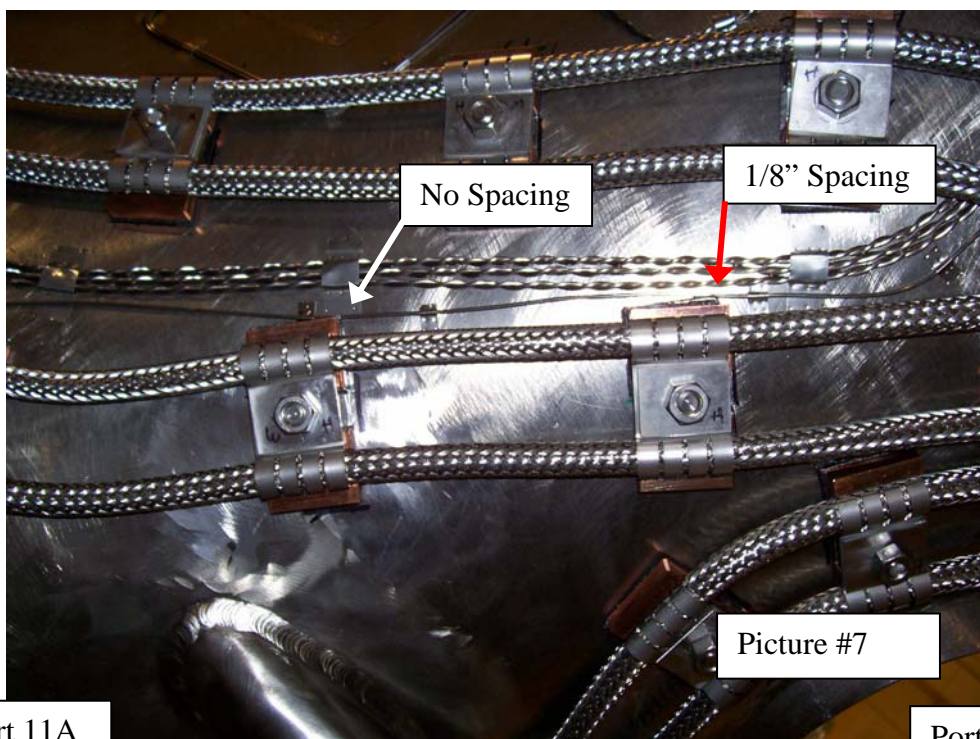


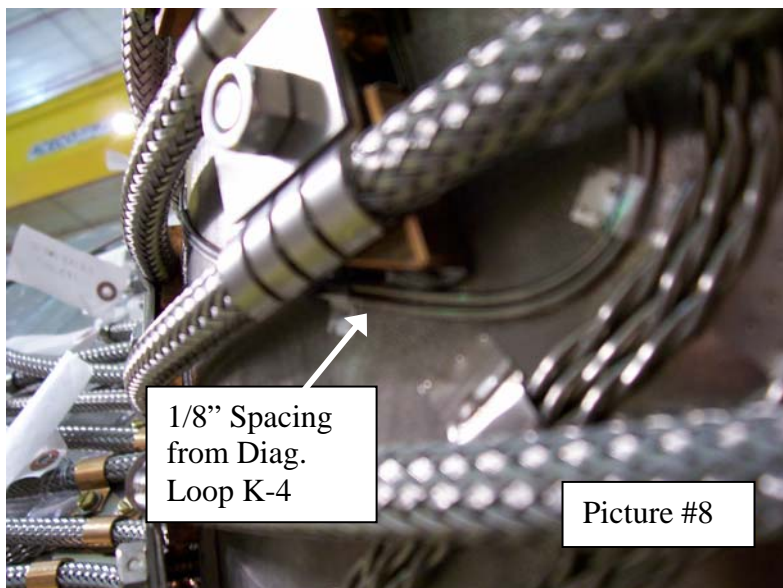
Deviation #2 (Pictures 3 thru 6) – 6” max spacing between H/C mounting studs.



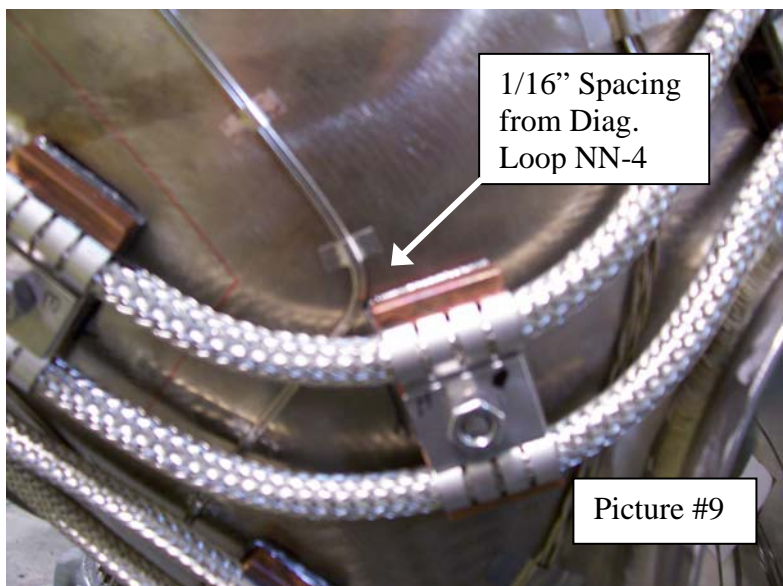


Deviation #3 (Pictures 7 thru 10) – H/C saddle footprint a minimum of ¼” from flux loops.

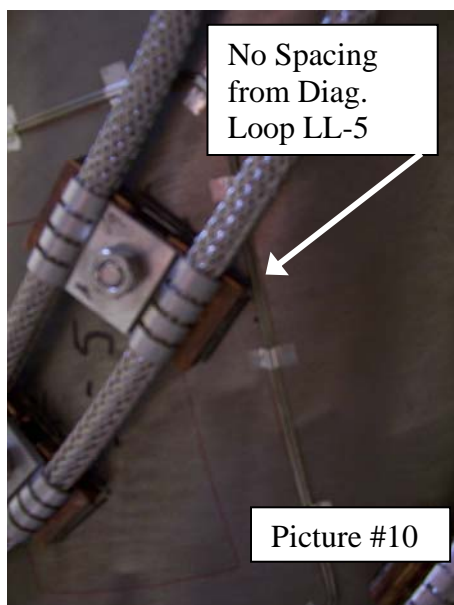





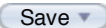
Picture #8



Picture #9



Picture #10

From: "Michael E. Viola" <mviola@pppl.gov>
Subject: FW: New NCR 3710 - Requires Your Disposition
Date: April 19, 2007 9:18:20 AM EDT
To: "Lawrence E. Dudek" <ldudek@pppl.gov>
 1 Attachment, 620 KB 



Larry,
Here is an NCR. I tried to get Paul to disposition but he refers to some decision I am not aware of nor can I find any documentation.
Are you aware of the facts surrounding this issue?

Thanks,
Mike Viola, PPPL, (609) 243 3655

From: Goranson, Paul L. [mailto:goransonpl@ornl.gov]
Sent: Wednesday, April 18, 2007 3:12 PM
To: Michael E. Viola
Subject: RE: New NCR 3710 - Requires Your Disposition

1) We were going to snake the path with a special order clamp.
2) Yes, it's ok.

From: Michael E. Viola [mailto:mviola@pppl.gov]
Sent: Wednesday, April 18, 2007 2:52 PM
To: Goranson, Paul L.; Nelson, Brad E.
Cc: Frank A. Malinowski; Lynne H. Yager; Lawrence E. Dudek
Subject: RE: New NCR 3710 - Requires Your Disposition

Paul,
two questions.
1) What is a "serpentine, asymmetric mounts "
2) Is the MTM NC 21404 OK to use as is?

Thanks,
Mike Viola, PPPL, (609) 243 3655

From: Goranson, Paul L. [mailto:goransonpl@ornl.gov]
Sent: Wednesday, April 18, 2007 2:25 PM
To: Michael E. Viola; Bradley E. Nelson
Cc: Frank A. Malinowski; Lynne H. Yager
Subject: RE: New NCR 3710 - Requires Your Disposition

These wide spaces were known and would have been corrected by serpentine, asymmetric mounts but a decision was made not to fabricate them and just live with the less than even heating/cooling.
Paul

From: Michael E. Viola [mailto:mviola@pppl.gov]
Sent: Wednesday, April 18, 2007 1:58 PM
To: Goranson, Paul L.; Nelson, Brad E.
Cc: Frank A. Malinowski; Lynne H. Yager
Subject: FW: New NCR 3710 - Requires Your Disposition

Paul,
Please provide disposition of these two NCR's
They are primarily just to document the final conditions.
3710 is for the tubes that we discussed
21404 is for the very slight OOT condition on one of the holes on the new port 12 cover that MTM made to replace the one that had high permeability.
I am stating USE AS IS and am copying Brad directly to speed things up.
Please advise is you have a problem using it as is though.

Brad,

Please check with Paul and approve and forward the MTM NCR to Frank.

*Thanks,
Mike Viola, PPPL, (609) 243 3655*

From: Lynne H. Yager
Sent: Wednesday, April 18, 2007 10:08 AM
To: Michael E. Viola
Cc: Wayne T. Reiersen; Lawrence E. Dudek; John W. Edwards; Mike Williams; Marianne Tyrrell; John E. Boscoe; Judith A. Malsbury; Colin F. Phelps
Subject: New NCR 3710 - Requires Your Disposition

Mike,

Attached is new NCR 3710 which requires your disposition. The NCR should be dispositioned within 10 working days.

Note that any corrective action that may be required as a result of your disposition does not have to be complete prior to the NCR being returned to QA.

Thanks.

Lynne



[NCR_3710_V....pdf \(620 KB\)](#)