

PPPL NONCONFORMANCE REPORT NO: 3659 Open Date 07/05/06

| | | | | | |
|--|--|----------------------|-----------------|----------------------------|--|
| Status | 2 - Disposition Needed | | Trend | 01-Deviation From Doc/Proc | |
| Department | NCSX | | Division | NCSX Project | |
| Source/Org | FABRICATION, OPERATIONS & MAINTENANCE | | | | |
| Item Dwg/Part# | D-NCSX-MCF-001 Rev. 02 | Procurement # | D-NCSX-MCF-001 | Cost Center | |
| RAP# | 3207 | Job Doc # | D-NCSX-MCF-001 | Vendor | |
| RAP Title | Modular Coil Fabrication - Winding Form Preparation Activities | | | | |
| <input type="checkbox"/> HoldTag Applied | | | | | |

Nonconforming Condition (include requirement(s) violated):

The lead block mounts for the A1 modular coil are beyond the maximum magnetic permeability of 1.02 Mu as stated in NCSX-ASPEC-GRD-03 paragraph 3.3.1.1. These parts were manufactured by PPPL and made from 316 stainless steel. The remaining A type lead block mounts have yet to made and will most likely have a similar amount of magnetic permeability. At the time of this report six pieces have been made.

Inside diameter (machined threads) = greater than 1.3 Mu and less than 1.7 Mu

NCR #3628 was written on the C type lead block mounts and accepted as is with a magnetic permeability of greater than 1.02 Mu and less than 1.8 Mu on 1/16/06.

| | | | | | | |
|----------------------|----------|-------------------------|----------|--|-------------------|---|
| Lot Size Recd | 6 | Sample Size Insp | 4 | <input checked="" type="checkbox"/> Lot Rejected | # Rejected | 6 |
| Reported By | Phelps C | Validated By | Boscoe J | Validated Date | 06/30/06 | |

~~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 | _____ |

Distribution

Cog J. Chrzanowski
Insp Phelps C
 Proj. Doc Control (when closed)
 QC Files
 Malsbury J
 Boscoe J
 Meighan T
 Dudek L
 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 _____