## PRINCETON UNIVERSITY

PLASMA PHYSIC LABORATORY-PPPL PRODUCT QUALITY CERTIFICATION AND SHIPPING RELEASE ITEM DESCRIPTION C-1 PROJECT SHIPMENT NUMBER PPPL-NCSX Modular Coil Winding Form Modular Ceril Winding Form PPPL SUBCONTRACT/ ITEM NO. REV. SUPPLIER REFERENCE NO. REV. QUANTITY PPPL-FP-LTS-3 W/ Major Tool & Machine ORDER NO. mend SHIPPED ŧL. S005242-F C-I 4 1 6 In accordance with verbal instructions from PPPL on 9/30/05@5:50pm This is to certify that the products and services identified herein have been produced under a controlled quality assurance program and are in conformance with the procurement requirements including applicable codes, standards and specifications as identified in the above-referenced documents unless noted below. Any supporting documentation will be retained in accordance with the procurement requirements. SIGNED: DATE: TITLE: ELD Program Manager For NGSK Energy Industries Ohio PPPL (AUTHORIZED REPRESENTATIVE) SHIPPING RE This is to certify that evidence supporting the above Supplier's Certification statement has been audited and no product/service nonconformances from procurement requirements have been found unless noted below. This product/service is hereby released for shipment. This section serves as the Quality Assurance release for the above described product for shipment. It does not constitute an acceptance thereof and does not relieve the Vendor, Manufacturer or Contractor of any and all responsibility or obligation imposed by the purchase contract. It does not waive any rights the Purchaser may have under the purchase contract, including the Purchaser's right to reject the above described material upon discovery of any deviations from requirements of the purchase contract, drawings and specifications. NONCONFORMANCES FROM PROCUREMENT QUALITY REQUIREMENTS: As documented on Metal Tek and Major Tool & Machine Nonconformance reports including MTM NC +8918297, which has not yet been dispositioned. F.M REMARKS/PRODUCT SERIAL NUMBERS: Shipped, in accordance with NCSX Project decision, prior to completion of the documentation package and with outstanding item as listed on the attachment of BY PPPL QA REPRESENTATIVE (OR DESIGNEE) DATE M

## Attachment to Product Quality Certification and Shipping Release for the NCSX MCWF s/n C-1, dated 9/30/05

Note: The C-1 MCWF is released for shipment with several outstanding items. MTM Nonconformance Report NC18297 documents the dimensional items found nonconforming. MTM is still completing the attachment to this NCR with detailed discrepancy information. However project personnel have reviewed the items listed as rejected on the inspection reports (IDC's) and determined that all have low risk of requiring rework.

Some additional inspection information is needed. Spherical features that are out of tolerance require follow-up inspection, for which a Go/No-Go gage was discussed. The IDC needs revision to show actual electrical test results. Actual inspection results are needed for IDC features 720 & 730. Verification of the "bleed holes" shown on SE141-116, Rev. 6, Sheet 9 of 11, must be documented. Blank IDC results slots need explanatory entries.

Documentation review will take place at a later date as the documentation package is not yet complete. This review may identify additional outstanding items.