

**Request for Deviation**

**MCWF Type C**

**Serial Number: C1 only**

**Number: MTM-RFD-002**

**RFD Description:**

1. PPPL with MTM's agreement requests deviation to add additional G11CR shim pieces to allow the material to slip during the tightening of the nuts for the Poloidal break. This request is made because the G11CR material on the outside of the Poloidal break cracked during the tightening of the nuts.
2. PPPL with MTM's agreement requests to torque the nuts to 1000 ft-lbs for inspection and shipment. PPPL will evaluate the torque requirement and may decide to torque the nuts to a different torque value at the PPPL site.
3. PPPL to advise MTM on assembly hardware configuration changes and final torque values for remaining upcoming parts.

**Initiator: Kevin Bowling, Phil Heitzenroeder**

**Organization: Major Tool and Machine, Inc. and PPPL**

**List of Impacted Documents:**

NCSX-CSPEC-141-03, MTM MIT/QA Plan, SE141-116, SE141-103.

**Quality Impact: Corrects problem with G11CR cracking behind the washers and nuts.**

Initiator Signature: *P. Heitzenroeder* Date: 9/22/05

Initiator Signature: *Kevin Bowling* Date: 9/22/05