

PPPL Calculation Form - No: 2254-CALC-002

Calculation # NSTXU-CALC-131-09 Revision # 0 ____ WP #, if any 2254 ____
(ENG-032)

Purpose of Calculation: (Define why the calculation is being performed.)

- To specify Pulse Currents and EM Forces During Power Testing of Inner PF Coils

Codes and versions: (List all codes, if any, used)

- None

References (List any source of design information including computer program titles and revision levels.)

- See calculation report

Assumptions (Identify all assumptions made as part of this calculation.)

- See calculation report

Calculation (Calculation is either documented here or attached)

- See calculation report

Conclusion (Specify whether or not the purpose of the calculation was accomplished.)

- Details of test pulse sequence are presented
- Forces are found to be small, with net launching load in only one case

Cognizant Individual (or designee) printed name, signature, and date

Preparer's printed name, signature and date

I have reviewed this calculation and, to my professional satisfaction, it is properly performed and correct.

Checker's printed name, signature, and date