

**DCA318 Lead and Return End
Extra Kapton for Test End Clamp
Installations**

**TS-SSC 91-253
S. Delchamps
December 20, 1991**

The DCA318 lead and return end clamp assemblies will be installed as part of tests following the rebuild of this magnet brought about by the turn-to-turn short in coil 15M-50-1017 and its subsequent repair [1,2].

For the test, the DCA318 lead and return end clamps should be installed with **5 mils dry + 3 mils adhesive-backed** kapton placed on the insulator inner surfaces. All can and insulator surfaces should be cleaned and re-lubricated before installation is done.

All normal **external diameter** measurements in free and loaded state should be performed on both end clamps of this magnet and recorded in the special traveller reserved for the test end clamp installations. Hydraulic installation pressures should also be recorded, indicating which installation fixture was used.

References

1. J. Strait, "Location of turn-to-turn short in DCA318 (revised)", TS-SSC 91-234, November 27, 1991.
2. S. Delchamps, "DCA318: Turn-to-Turn Short Location and Repair", TS-SSC 91-246, December 12, 1991.