

**We just completed a run with the MERIT magnet, and reached 15T.**

Tuesday we pulsed the magnet with the high voltage taps and at LN2 temperatures. We did .6 and 1.0 T shots

Wednesday we had a 3T and a 7 Tesla shot in the morning and two additional 7T shots in the afternoon.

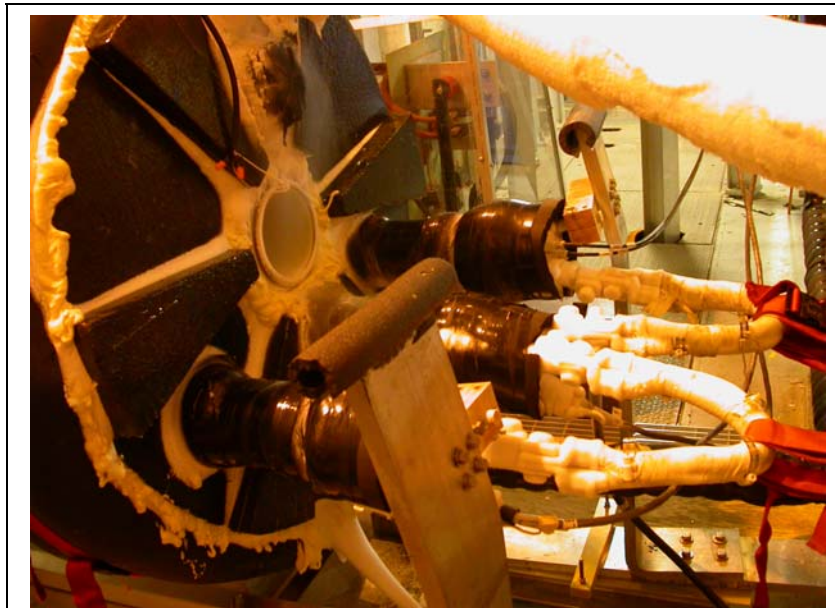
Thursday March 30 we had a number of shots used to diagnose a mal-distribution of current in the converters. We had one 10T shot that tripped on a control fault, Then a 15 T shot, and we finished the day with a 7T shot. Stray field measurements were made for the 10 and 15T shots and benchmarked well with the calculations of the stray field in the test procedure. The 10 and 15T shots began at around 80 to 85K.

The current traces for the 15T shot are on page 2 of this note.

We have a lot of temperature data. We will be analyzing this next week.

Thanks to Phil Michael, Chen-Yu Gung, Bill Cochran, and Dave Tracey.

-Peter Titus



The cold end of the magnet. We had the bore heater off, Jumpers were not insulated.

