Fermilab

TS-SSC 91-155
8/8/91

To: DCA315 Traveler
From: Jim Strait
Subject: DCA315 Pole Shims

No pole shims are to be used on DCA315. Figure 1 shows the average sizes of the DCA315 coils and compares them to sizes of previous coils. The DCA315 coils are of comparable size to those in previous magnets and are within the target windows.

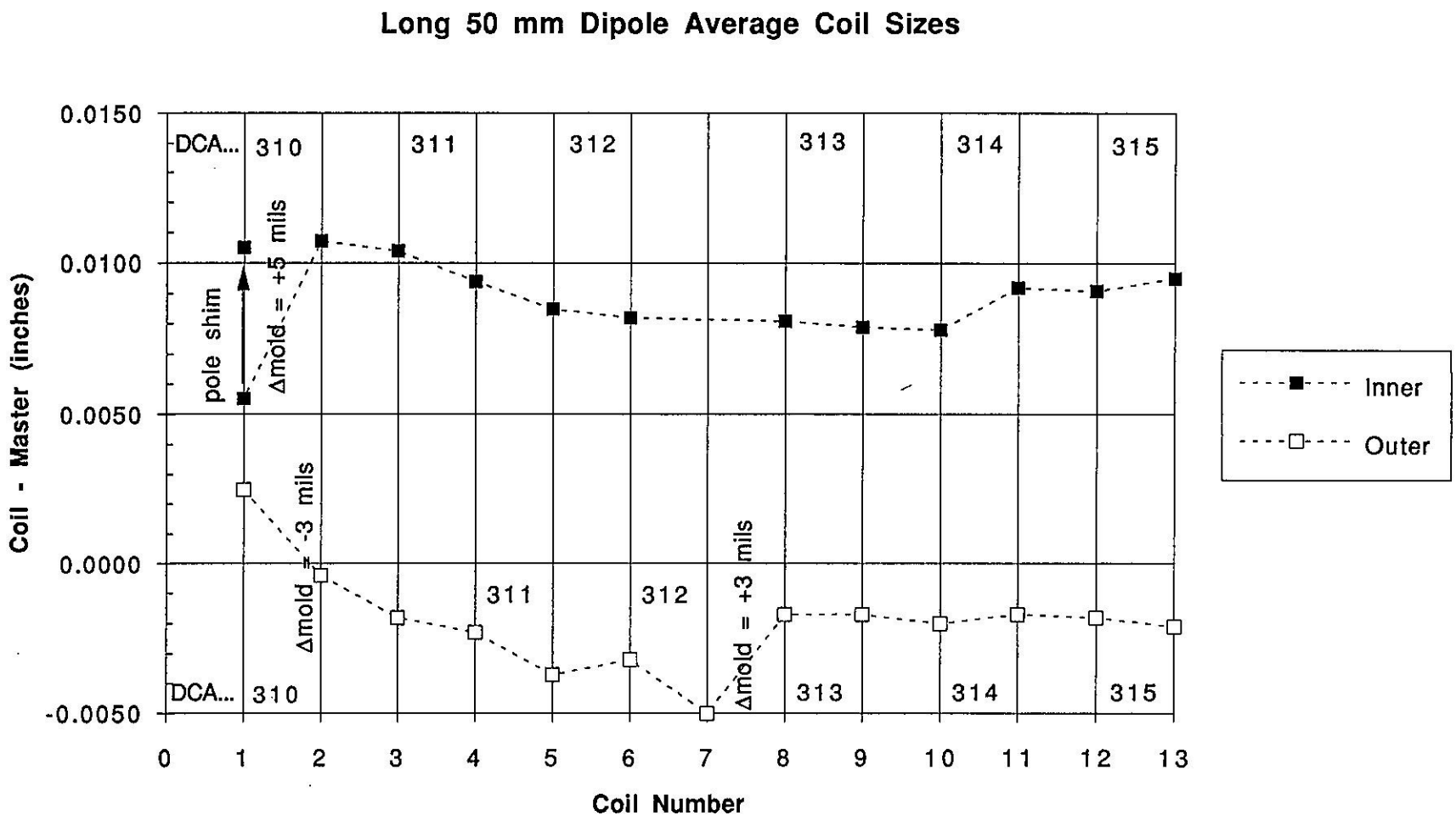
Long 50 mm Dipole Average Coil Sizes
Coil - Master (inches)
0.0150
0.0100
0.0050
0.0000
-0.0050
0
1
2
3
4
5
6
7
8
9
10
11
12
13
Coil Number
DCA...
310
311
312
313
314
315
pole shim
Δmold = +5 mils
Δmold = -3 mils
Δmold = +3 mils
Inner
Outer

FIGURE 1