

COIL SETUP INFO/Simulation Run #	20090311-7 (Cold- 1234-1cmMesh) (Original Configuration)	20090312-1 (Cold- 2134-2,6,4cmMesh) Simple interchange of Coil 1 & 2	20090312-2 (Cold- 2134-4,6,4cmMesh) WITH BAFFLES, LINER & FULL CLADDING
AMPS	1500	1500	1500
SubCoil/Coil			
1A	580.47	465.64	343.76
1B	-95.095	-187.32	-208.46
1C	-10.221	-43.032	-60.178
1D	51.525	33.77	27.2
1E	279.23	240.91	222.43
1F	171.08	132.84	101.36
1G	-292.64	-323.02	-322.83
1 SUM	684.35	319.79	103.29
2A	368.87	423.59	376.45
2B	83.19	114.41	91.568
2C	-20.772	4.627	-22.429
2D	-388.39	-376.84	-412.23
2SUM	42.897	165.79	33.35
3A	301.64	305.74	207.27
3B	17.176	19.435	1.0693
3C	-95.202	-89.852	-109.55
3D	-155.56	-154.22	-132.3
3SUM	68.057	81.107	-33.503
4A/B	517.58	517.9	535.12
4C/4D	-783.62	-780.57	-547.37
4SUM	-266.04	-262.66	-12.245
Total Axial Coil force	529.264	304.027	90.892

Force in Kpounds, positive is downstream

Results in the last column are with full 8 inch cladding. The smaller, 4 inch cladding outlined in drawing D00000-04-02-3000 is not analyzed.