

Subject: FW: L & R of Cases 1, 2 & 3
From: "Robert J. Weggel" <weggel@bnl.gov>
Date: Fri, 11 Jan 2002 16:29:11 -0500
To: <marneris@bnl.gov>, <mcdonald@puphed.princeton.edu>
CC: <kirk@bnl.gov>, <mikei@bnl.gov>, <titus@psfc.mit.edu>, <palmer@bnl.gov>, <gallardo@bnl.gov>

-----Original Message-----

From: Robert J. Weggel [mailto:weggel@bnl.gov]
Sent: Friday, January 11, 2002 4:16 PM
To: marneris@bnl.gov; mcdonald@puphed.princeton.edu
Cc: kirk@bnl.gov; mikei@bnl.gov; titus@psfc.mit.edu; palmer@bnl.gov; gallardo@bnl.gov
Subject: L & R of Cases 1, 2 & 3

	Case 1	Case 2	Case 3
Outer radius (cm)	30.0	30.0	40.0
Copper mass (kg)	1948	1948	3644
Voltage (V)	150	300	300
Peak current (A)	3600	7200	7200
Field (T)	5.05	10.1	14.5
Inductance (mH)	38	138	436
Init. T (K)	84	74	30
t_peak(s)	8.25	6.2	15.2
t_end (s)	11.0	9.0	23.0
R_0	30.4	23.9	11.3
R_peak	34.1	32.4	29.4
R_end	34.2	34.4	34.4
Q_end (MJ)	2.60	7.04	12.9

Bob Weggel 1/11/02