TABULATED DOSE DISTRIBUTION DATA - RECTANGULAR COBALT-60 SOURCE PLAQUES

L. GALANTER

December 1971

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The data tabulated herein extend to rectangular cobalt-60 plaques the information presented for square plaques in BNL 50147 (Revised). The user is referred to BNL 50147 (Revised) and to the other reports listed below for a complete discussion of the parameters involved in data generation and for instructions on the use of these data in gamma irradiator design.

The dimensions of the plaques covered herein are 20 inches x 30 inches, 20 x 60, 20 x 90, 20 x 120, 20 x 240, 30 x 40, 30 x 60, 30 x 90, 30 x 120, 30 x 240, 40 x 20, 40 x 60, 40 x 90, 40 x 120, 40 x 240, 60 x 90, 60 x 120, and 60 x 240.

Reports previously published in this series:

BNL 889, "Computational Methods of Gamma Irradiator Design,"

B. Manowitz, R. H. Bretton, L. Galanter, and F. X. Rizzo,
(December 1964).

BNL 50126, "FUDGE 4A - A Computer Program for Gamma Dose Rate Distribution from Rectangular Sources," L. Galanter and K. Krishnamurthy, (August 1968).

BNL 50148, "GIRD - A Computer Program for Design of Shuffle-Dwell Gamma Irradiators," L. Galanter, S. Rosen, F. X. Rizzo, and L. Barguik, (March 1969).

BNL 50145 (Revised), "Tabulated Dose Uniformity Ratio and Minimum Dose Data for Gamma Irradiator Design," F. X. Rizzo, L. Galanter, and K. Krishnamurthy, (December 1970).

BNL 50147 (Revised), "Tabulated Dose Distribution Data for Gamma Irradiator Design," F. X. Rizzo, L. Galanter, and K. Krishnamurthy, (December 1970).

BNL 50146, "Irradiator Design Calculational Techniques Based on Centerline Depth Dose Distributions," F. X. Rizzo, (December 1971).

BNL 50316, "Dose Distribution, Dose Uniformity, and Minimum Dose Data for Square Cesium-134 Source Plaques," L. Galanter, (November 1971).

The following reports are being published simultaneously:

BNL 50317, "Tabulated Dose Uniformity Ratio and Minimum Dose Data - Rectangular Cobalt-60 Source Plaques," L. Galanter, (December 1971).

BNL 50318, "Tabulated Dose Distribution Data - Rectangular Cobalt-60 Source Plaques," L. Galanter, (December 1971).

BNL 50319, "Tabulated Dose Uniformity Ratio and Minimum Dose Data - Rectangular Cesium-137 Source Plaques," L. Galanter, (December 1971).

BNL 50320, "Tabulated Dose Distribution Data - Rectangular Cesium-137 Source Plaques," L. Galanter, (December 1971).

Other reports are in preparation. The next will detail techniques for the modification of the tabulated data to encompass source and absorber alteration.

RECTANGULAR SLAB SOURCE = 20IN.X 30IN.

AIR GAP = 0.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	20.0970E+04	20.0970E+04	20.0970E+04	20.0970E+04	20.0970E+04	20.0970E+04
1	17.032E+04	16.340E+04	15.688E+04	15.002E+04	14.335E+04	13.082E+04
2	13.832E+04	13.150E+04	12.386E+04	11.595E+04	10.812E+04	9.342E+04
3	11.396E+04	10.790E+04	10.023E+04	9.217E+04	8.413E+04	6.922E+04
4	9.549E+04	8.971E+04	8.249E+04	7.453E+04	6.638E+04	5.270E+04
5	8.110E+04	7.562E+04	6.870E+04	6.092E+04	5.368E+04	3.908E+04
6	6.612E+04	6.053E+04	5.717E+04	5.026E+04	4.306E+04	3.069E+04
7	5.259E+04	4.814E+04	4.153E+04	4.170E+04	3.493E+04	2.718E+04
8	4.619E+04	4.014E+04	4.153E+04	3.476E+04	2.842E+04	1.839E+04
9	4.619E+04	4.174E+04	3.549E+04	2.910E+04	2.310E+04	1.431E+04
10	4.015E+04	3.648E+04	3.047E+04	2.455E+04	1.912E+04	1.163E+04
11	3.625E+04	3.202E+04	2.625E+04	2.011E+04	1.573E+04	8.723E+04
12	3.236E+04	2.827E+04	2.269E+04	1.742E+04	1.298E+04	6.821E+04
13	2.901E+04	2.494E+04	1.964E+04	1.452E+04	1.073E+04	5.319E+04
14	2.613E+04	2.213E+04	1.719E+04	1.239E+04	8.866E+04	4.207E+04
15	2.321E+04	1.974E+04	1.427E+04	1.047E+04	7.310E+04	3.038E+04
16	2.143E+04	1.743E+04	1.304E+04	9.104E+04	6.127E+04	2.603E+04
17	1.950E+04	1.580E+04	1.143E+04	7.703E+04	5.105E+04	2.089E+04
18	1.751E+04	1.416E+04	1.036E+04	6.664E+04	4.251E+04	1.615E+04
19	1.613E+04	1.274E+04	8.829E+04	5.711E+04	3.549E+04	1.270E+04
20	1.458E+04	1.153E+04	7.781E+04	4.907E+04	2.966E+04	1.085E+04
21	1.302E+04	1.043E+04	6.870E+04	4.202E+04	2.482E+04	7.766E+04
22	1.241E+04	9.512E+04	6.075E+04	3.520E+04	2.080E+04	6.163E+04
23	1.179E+04	8.579E+04	5.381E+04	3.128E+04	1.744E+04	5.049E+04
24	1.093E+04	7.802E+04	4.731E+04	2.704E+04	1.450E+04	3.905E+04
25	1.060E+04	7.180E+04	4.239E+04	2.380E+04	1.213E+04	3.149E+04
26	9.460E+04	6.452E+04	3.707E+04	2.022E+04	1.039E+04	2.516E+04
27	8.244E+04	5.925E+04	3.357E+04	1.726E+04	8.722E+04	1.982E+04
28	8.248E+04	5.421E+04	2.930E+04	1.517E+04	7.312E+04	1.512E+04
29	7.719E+04	4.978E+04	2.671E+04	1.310E+04	6.204E+04	1.238E+04
30	7.235E+04	4.573E+04	2.364E+04	1.145E+04	5.238E+04	1.020E+04
31	6.726E+04	4.187E+04	2.134E+04	9.962E+04	4.421E+04	7.844E+04
32	6.386E+04	3.847E+04	1.910E+04	8.685E+04	3.756E+04	6.557E+04
33	6.012E+04	3.457E+04	1.714E+04	7.546E+04	3.147E+04	5.080E+04
34	5.647E+04	3.243E+04	1.546E+04	6.578E+04	2.676E+04	4.030E+04
35	5.348E+04	3.016E+04	1.371E+04	5.736E+04	2.269E+04	3.250E+04
36	5.040E+04	2.793E+04	1.236E+04	5.063E+04	1.921E+04	2.589E+04

RECTANGULAR SLAB SOURCE = 20IN.X 30IN.

AIR GAP = 1.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	17.407E+04	17.407E+04	17.407E+04	17.407E+04	17.407E+04	17.407E+04
1	13.980E+04	13.674E+04	13.331E+04	12.944E+04	12.581E+04	11.793E+04
2	11.476E+04	11.113E+04	10.608E+04	10.154E+04	9.622E+04	8.546E+04
3	9.592E+04	9.270E+04	8.723E+04	8.181E+04	7.537E+04	6.773E+04
4	8.144E+04	7.771E+04	7.242E+04	6.640E+04	6.018E+04	4.830E+04
5	6.984E+04	6.610E+04	6.031E+04	5.418E+04	4.822E+04	3.715E+04
6	6.047E+04	5.679E+04	5.132E+04	4.547E+04	3.923E+04	2.824E+04
7	5.279E+04	4.908E+04	4.340E+04	3.767E+04	3.193E+04	2.208E+04
8	4.633E+04	4.267E+04	3.797E+04	3.134E+04	2.611E+04	1.757E+04
9	4.093E+04	3.728E+04	3.201E+04	2.604E+04	2.141E+04	1.368E+04
10	3.628E+04	3.274E+04	2.792E+04	2.234E+04	1.762E+04	1.044E+04
11	3.240E+04	2.872E+04	2.362E+04	1.887E+04	1.439E+04	8.164E+04
12	2.910E+04	2.552E+04	2.072E+04	1.601E+04	1.204E+04	6.403E+04
13	2.621E+04	2.269E+04	1.802E+04	1.304E+04	9.548E+04	5.027E+04
14	2.369E+04	2.020E+04	1.571E+04	1.158E+04	8.260E+04	3.932E+04
15	2.150E+04	1.807E+04	1.374E+04	9.861E+04	6.892E+04	3.109E+04
16	1.974E+04	1.644E+04	1.204E+04	8.432E+04	5.718E+04	2.516E+04
17	1.777E+04	1.450E+04	1.058E+04	7.239E+04	4.700E+04	1.934E+04
18	1.637E+04	1.305E+04	9.312E+04	6.210E+04	3.835E+04	1.527E+04
19	1.504E+04	1.182E+04	8.211E+04	5.360E+04	3.111E+04	1.270E+04
20	1.384E+04	1.070E+04	7.252E+04	4.591E+04	2.709E+04	9.552E+04
21	1.279E+04	9.717E+04	6.417E+04	3.951E+04	2.377E+04	7.473E+04
22	1.183E+04	8.510E+04	5.681E+04	3.413E+04	1.916E+04	5.982E+04
23	1.097E+04	8.015E+04	5.057E+04	2.942E+04	1.647E+04	4.737E+04
24	1.020E+04	7.304E+04	4.436E+04	2.549E+04	1.355E+04	3.779E+04
25	9.501E+04	6.646E+04	3.921E+04	2.202E+04	1.144E+04	3.006E+04
26	8.839E+04	6.033E+04	3.534E+04	1.928E+04	9.622E+04	2.384E+04
27	8.237E+04	5.577E+04	3.162E+04	1.692E+04	8.191E+04	1.877E+04
28	7.622E+04	5.116E+04	2.825E+04	1.440E+04	6.976E+04	1.506E+04
29	7.097E+04	4.664E+04	2.481E+04	1.230E+04	5.805E+04	1.202E+04
30	6.610E+04	4.304E+04	2.223E+04	1.089E+04	4.842E+04	9.501E+04
31	6.183E+04	3.936E+04	2.025E+04	9.478E+04	4.165E+04	7.647E+04
32	6.043E+04	3.649E+04	1.815E+04	8.272E+04	3.580E+04	6.102E+04
33	5.670E+04	3.362E+04	1.628E+04	7.180E+04	3.021E+04	4.871E+04
34	5.377E+04	3.111E+04	1.418E+04	6.279E+04	2.590E+04	3.913E+04
35	5.081E+04	2.853E+04	1.313E+04	5.416E+04	2.170E+04	3.108E+04
36	4.722E+04	2.641E+04	1.180E+04	4.782E+04	1.840E+04	2.484E+04

RECTANGULAR SLAB SOURCE = 20IN.X 30IN.

AIR GAP = 2.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	14.1155E+04	14.1155E+04	14.1155E+04	14.1155E+04	14.1155E+04	14.1155E+04
1	11.5471E+04	11.3766E+04	11.2145E+04	11.0072E+04	10.7602E+04	10.2848E+04
2	96.4221E+03	94.3454E+03	91.5019E+03	88.1357E+03	84.4517E+03	76.5395E+03
3	81.7352E+03	79.3578E+03	75.8628E+03	71.6933E+03	67.1779E+03	57.8798E+03
4	70.0830E+03	67.5133E+03	63.5863E+03	58.9384E+03	53.9949E+03	44.2310E+03
5	60.6520E+03	57.9415E+03	53.7301E+03	48.8213E+03	43.7207E+03	34.0437E+03
6	52.9021E+03	50.0824E+03	45.6936E+03	40.6784E+03	35.5962E+03	26.3377E+03
7	46.4569E+03	43.5516E+03	39.0637E+03	34.0544E+03	29.1670E+03	20.4552E+03
8	41.0438E+03	38.0723E+03	33.5509E+03	28.6223E+03	23.8859E+03	15.9351E+03
9	36.4592E+03	33.4384E+03	28.9292E+03	24.1391E+03	19.6597E+03	12.4448E+03
10	32.5479E+03	29.4926E+03	25.0325E+03	20.4194E+03	16.2239E+03	9.7393E+02
11	29.1890E+03	26.1125E+03	21.7298E+03	17.3194E+03	13.4195E+03	76.3594E+02
12	26.2873E+03	23.2012E+03	18.9178E+03	14.7258E+03	11.1229E+03	59.9636E+02
13	23.7669E+03	20.6814E+03	16.5136E+03	12.5485E+03	9.2368E+02	47.1558E+02
14	21.5665E+03	18.4907E+03	14.4504E+03	10.7149E+03	76.8302E+02	37.1321E+02
15	19.6366E+03	16.5762E+03	12.6737E+03	91.6663E+02	64.0214E+02	29.2742E+02
16	17.9362E+03	14.9021E+03	11.1391E+03	78.3582E+02	53.4217E+02	23.1059E+02
17	16.4320E+03	13.4279E+03	98.0954E+02	67.4348E+02	44.6387E+02	18.2545E+02
18	15.0960E+03	12.1269E+03	86.5451E+02	57.9751E+02	37.3480E+02	14.4367E+02
19	13.9051E+03	10.9752E+03	76.4882E+02	49.9139E+02	31.2862E+02	11.4277E+02
20	12.8598E+03	99.5252E+02	67.7085E+02	43.0316E+02	26.2384E+02	9.0356E+01
21	11.8636E+03	90.4198E+02	60.0275E+02	37.1453E+02	22.0288E+02	71.7899E+01
22	11.0226E+03	82.2913E+02	53.2939E+02	32.1025E+02	18.5135E+02	56.9689E+01
23	10.2455E+03	75.0169E+02	47.3794E+02	27.7758E+02	15.5743E+02	45.2417E+01
24	95.4154E+02	68.4917E+02	42.1746E+02	24.0579E+02	13.1138E+02	35.9545E+01
25	89.0238E+02	62.6257E+02	37.5867E+02	20.8587E+02	11.6517E+02	28.5935E+01
26	83.2054E+02	57.3412E+02	33.5338E+02	18.1024E+02	93.2164E+01	22.7546E+01
27	77.8957E+02	52.5712E+02	29.9536E+02	15.7246E+02	78.6863E+01	18.1195E+01
28	73.0392E+02	48.2375E+02	26.7813E+02	13.6709E+02	66.4714E+01	14.4374E+01
29	68.5873E+02	44.3497E+02	23.9680E+02	11.8953E+02	56.1933E+01	11.5103E+01
30	64.4976E+02	40.8036E+02	21.4700E+02	10.3585E+02	47.5373E+01	9.18189E+00
31	60.7332E+02	37.5806E+02	19.2490E+02	90.2692E+01	40.2413E+01	73.2848E+00
32	57.2610E+02	34.6467E+02	17.2721E+02	78.7217E+01	34.0867E+01	58.5228E+00
33	54.0538E+02	31.9724E+02	15.5105E+02	68.6964E+01	28.8909E+01	46.7582E+00
34	51.0849E+02	29.5311E+02	13.9391E+02	59.9904E+01	24.5014E+01	37.3770E+00
35	48.3323E+02	27.2958E+02	12.5358E+02	52.4191E+01	20.7904E+01	29.822E+00
36	45.7752E+02	25.2578E+02	11.2816E+02	45.8307E+01	17.6510E+01	23.9173E+00

RECTANGULAR SLAB SOURCE = 20IN.X 30IN.

AIR GAP = 3.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	11.6082E+04	11.6082E+04	11.6082E+04	11.6082E+04	11.6082E+04	11.6082E+04
1	96.7908E+03	95.9925E+03	94.9478E+03	93.6956E+03	92.2701E+03	89.0153E+03
2	81.9824E+03	80.7202E+03	78.8390E+03	76.5022E+03	73.8407E+03	67.9401E+03
3	70.2661E+03	68.6787E+03	66.1601E+03	63.0343E+03	59.5426E+03	52.1253E+03
4	60.7574E+03	58.9588E+03	55.9648E+03	52.3030E+03	48.3135E+03	40.2068E+03
5	53.0235E+03	50.9823E+03	47.4419E+03	43.6410E+03	39.5985E+03	31.1507E+03
6	46.5622E+03	44.3549E+03	40.7797E+03	36.5803E+03	32.2596E+03	24.2202E+03
7	41.1376E+03	38.7942E+03	35.0478E+03	30.7810E+03	26.5093E+03	18.8808E+03
8	36.5452E+03	34.0904E+03	30.2472E+03	25.9877E+03	21.8392E+03	14.7626E+03
9	32.6244E+03	30.0838E+03	26.1959E+03	22.0054E+03	18.0410E+03	11.5220E+03
10	29.2620E+03	26.4503E+03	22.7590E+03	18.6830E+03	14.9371E+03	9.07173E+02
11	26.3557E+03	23.4917E+03	19.6300E+03	15.9000E+03	12.9222E+03	71.2689E+02
12	23.8313E+03	21.1298E+03	17.3235E+03	13.5611E+03	10.2999E+03	56.1015E+02
13	21.6275E+03	18.9015E+03	15.1707E+03	11.5894E+03	8.7535E+02	44.2055E+02
14	19.6944E+03	16.9551E+03	13.3152E+03	9.9226E+02	7.5069E+02	36.8729E+02
15	17.9912E+03	15.2485E+03	11.7112E+03	8.51049E+02	5.97136E+02	27.5403E+02
16	16.4844E+03	13.7446E+03	10.3204E+03	7.31090E+02	4.99327E+02	21.7720E+02
17	15.1460E+03	12.4206E+03	9.11233E+02	6.28981E+02	4.18067E+02	17.2282E+02
18	13.9529E+03	11.2461E+03	80.5744E+02	5.31894E+02	3.50447E+02	13.6449E+02
19	12.8859E+03	10.2028E+03	71.3688E+02	4.47481E+02	2.94093E+02	10.0160E+02
20	11.9274E+03	9.2734E+02	63.3094E+02	40.3788E+02	2.47062E+02	8.54062E+01
21	11.0648E+03	8.4322E+02	56.2391E+02	34.9181E+02	20.7759E+02	68.1244E+01
22	10.2858E+03	7.6998E+02	50.0245E+02	30.2292E+02	17.4874E+02	54.1260E+01
23	95.8023E+02	70.3298E+02	44.5523E+02	26.1974E+02	14.7328E+02	43.0342E+01
24	89.3994E+02	64.3508E+02	39.7294E+02	22.7258E+02	12.4624E+02	34.2384E+01
25	83.5625E+02	58.9241E+02	35.4810E+02	19.7327E+02	10.4829E+02	27.2579E+01
26	78.2392E+02	54.0417E+02	31.6877E+02	17.1491E+02	8.85311E+01	21.7141E+01
27	73.3468E+02	49.4244E+02	28.3443E+02	14.9165E+02	7.48221E+01	17.3081E+01
28	68.9055E+02	45.0216E+02	25.7777E+02	12.9649E+02	6.32805E+01	13.6404E+01
29	64.8041E+02	41.9872E+02	22.7421E+02	11.3122E+02	5.35545E+01	11.0154E+01
30	61.0285E+02	38.6829E+02	20.3976E+02	9.84215E+01	4.53540E+01	87.9483E+00
31	57.5462E+02	35.6739E+02	18.3098E+02	8.6400E+01	3.84324E+01	70.2551E+00
32	54.3283E+02	32.9300E+02	16.4464E+02	7.51138E+01	3.23844E+01	56.1435E+00
33	51.3497E+02	30.4243E+02	14.7872E+02	6.56175E+01	2.76453E+01	44.8973E+00
34	48.5879E+02	28.1334E+02	13.3031E+02	5.73560E+01	2.34643E+01	35.9168E+00
35	46.0230E+02	26.0351E+02	11.9761E+02	50.1644E+01	19.9295E+01	28.7455E+00
36	43.6372E+02	24.1139E+02	10.7884E+02	43.8992E+01	16.9343E+01	23.0161E+00

RECTANGULAR SLAB SOURCE = 20IN.X 30IN.

AIR GAP = 4.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	97.0840E+03	97.0840E+03	97.0840E+03	97.0840E+03	97.0840E+03	97.0840E+03
1	82.1704E+03	81.7352E+03	81.1009E+03	80.3009E+03	79.3578E+03	77.1215E+03
2	70.4117E+03	69.6129E+03	68.3137E+03	66.6296E+03	64.6563E+03	60.1418E+03
3	60.9143E+03	59.8156E+03	57.9415E+03	55.5354E+03	52.7844E+03	46.7833E+03
4	53.1220E+03	51.7674E+03	49.4204E+03	46.4884E+03	43.2223E+03	36.4322E+03
5	46.6499E+03	45.0743E+03	42.3739E+03	39.0557E+03	35.4989E+03	28.4258E+03
6	41.2172E+03	39.4538E+03	36.4817E+03	32.9407E+03	29.2364E+03	22.2229E+03
7	36.6180E+03	34.6956E+03	31.5278E+03	27.8809E+03	24.1391E+03	17.4059E+03
8	32.6952E+03	30.6396E+03	27.3389E+03	23.6290E+03	19.9755E+03	13.6560E+03
9	29.3269E+03	27.1811E+03	23.7793E+03	20.0897E+03	16.5640E+03	10.7303E+03
10	26.4117E+03	24.1817E+03	20.7411E+03	17.1193E+03	13.7609E+03	8.4319E+02
11	23.8899E+03	21.5626E+03	18.1376E+03	14.6184E+03	11.4318E+03	6.63200E+02
12	21.6834E+03	19.3004E+03	15.8985E+03	12.5068E+03	9.54532E+02	5.24694E+02
13	19.7478E+03	17.3231E+03	13.9665E+03	10.7193E+03	7.96798E+02	4.14317E+02
14	18.0424E+03	15.5883E+03	12.2943E+03	9.26245E+02	6.6044E+02	3.27492E+02
15	16.5334E+03	14.0607E+03	10.8428E+03	7.91249E+02	5.57463E+02	2.59109E+02
16	15.1931E+03	12.7110E+03	9.57975E+02	6.81319E+02	4.67148E+02	2.05189E+02
17	13.9981E+03	11.5149E+03	8.47788E+02	5.87460E+02	3.91910E+02	1.62628E+02
18	12.9290E+03	10.4517E+03	7.51443E+02	5.07177E+02	3.29142E+02	1.29000E+02
19	11.9692E+03	9.50411E+02	6.67022E+02	4.38392E+02	2.76707E+02	1.02400E+02
20	11.1050E+03	8.6728E+02	5.92900E+02	3.79366E+02	2.32849E+02	8.13507E+01
21	10.3244E+03	7.89866E+02	5.27698E+02	3.28639E+02	1.96121E+02	6.46713E+01
22	9.61747E+02	7.1751E+02	4.70241E+02	2.84984E+02	1.65329E+02	5.14463E+01
23	8.97541E+02	6.60457E+02	4.19524E+02	2.47366E+02	1.39486E+02	4.09521E+01
24	8.39081E+02	6.05189E+02	3.74685E+02	2.14909E+02	1.17775E+02	3.26107E+01
25	7.85723E+02	5.52559E+02	3.34984E+02	1.86872E+02	9.95174E+01	2.59966E+01
26	7.36909E+02	5.10080E+02	2.99784E+02	1.62627E+02	8.41502E+01	2.07307E+01
27	6.92152E+02	4.69080E+02	2.68531E+02	1.41638E+02	7.12046E+01	1.65407E+01
28	6.51030E+02	4.31863E+02	2.40749E+02	1.23451E+02	6.02898E+01	1.32045E+01
29	6.13169E+02	3.98008E+02	2.16023E+02	1.07675E+02	5.10800E+01	1.05467E+01
30	5.78246E+02	3.67167E+02	1.93991E+02	93.9795E+01	43.3030E+01	8.42803E+00
31	5.45972E+02	3.39032E+02	1.74338E+02	82.0792E+01	36.7511E+01	6.73108E+00
32	5.16094E+02	3.13330E+02	1.56790E+02	71.7305E+01	31.1739E+01	5.38949E+00
33	4.88389E+02	2.89820E+02	1.41107E+02	62.7240E+01	26.4714E+01	4.31301E+00
34	4.62655E+02	2.68291E+02	1.27076E+02	54.8796E+01	22.4898E+01	3.45291E+00
35	4.38717E+02	2.48525E+02	1.14512E+02	48.0426E+01	19.1164E+01	2.76551E+00
36	4.16416E+02	2.30433E+02	1.03253E+02	42.0795E+01	16.2567E+01	2.21586E+00

RECTANGULAR SLAB SOURCE = 20IN.X 30IN.

AIR GAP = 5.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	82.3197E+03	82.3197E+03	82.3197E+03	82.3197E+03	82.3197E+03	82.3197E+03
1	70.5174E+03	70.2661E+03	69.8646E+03	69.3301E+03	68.6787E+03	67.0812E+03
2	61.0010E+03	60.4797E+03	59.5498E+03	58.2966E+03	56.7920E+03	53.2803E+03
3	53.1989E+03	52.4150E+03	50.9823E+03	49.0872E+03	46.8785E+03	41.9553E+03
4	46.7891E+03	45.6941E+03	43.8278E+03	41.4268E+03	38.7161E+03	32.4750E+03
5	41.2919E+03	40.0395E+03	37.8196E+03	35.0478E+03	32.0181E+03	25.9108E+03
6	36.6793E+03	35.2452E+03	32.7474E+03	29.7233E+03	26.5217E+03	20.3712E+03
7	32.7538E+03	31.1532E+03	28.4446E+03	25.2661E+03	22.0056E+03	16.0298E+03
8	29.3832E+03	27.6397E+03	24.7784E+03	21.5239E+03	18.2884E+03	12.6259E+03
9	26.4715E+03	24.6070E+03	21.6420E+03	18.3732E+03	15.2230E+03	9.95482E+02
10	23.9422E+03	21.9745E+03	18.9490E+03	15.7137E+03	12.6902E+03	7.85655E+02
11	21.7339E+03	19.6848E+03	16.6288E+03	13.4626E+03	10.5937E+03	6.20447E+02
12	19.7967E+03	17.6801E+03	14.6236E+03	11.5333E+03	8.85530E+02	4.90745E+02
13	18.0896E+03	15.9197E+03	12.8855E+03	9.93014E+02	7.41144E+02	3.88377E+02
14	16.5790E+03	14.3684E+03	11.3748E+03	8.54750E+02	6.21035E+02	3.07615E+02
15	15.2371E+03	12.9969E+03	10.0585E+03	7.36746E+02	5.29974E+02	2.43845E+02
16	14.0406E+03	11.7805E+03	8.90892E+02	6.35853E+02	4.37490E+02	1.93445E+02
17	12.9700E+03	10.6986E+03	7.90263E+02	5.49444E+02	3.67766E+02	1.53575E+02
18	12.0089E+03	9.73359E+02	7.01997E+02	4.75323E+02	3.07444E+02	1.22008E+02
19	11.1433E+03	8.87071E+02	6.24424E+02	4.11648E+02	2.60607E+02	9.49965E+01
20	10.3615E+03	8.09725E+02	5.56124E+02	3.58697E+02	2.18666E+02	7.71824E+01
21	9.65321E+02	7.40236E+02	4.95884E+02	3.09681E+02	1.83310E+02	6.14227E+01
22	9.00996E+02	6.77671E+02	4.42667E+02	2.68981E+02	1.54499E+02	4.89232E+01
23	8.42417E+02	6.21255E+02	3.95581E+02	2.33839E+02	1.32182E+02	3.89901E+01
24	7.89468E+02	5.70201E+02	3.53860E+02	2.03481E+02	1.13758E+02	3.10913E+01
25	7.40232E+02	5.23995E+02	3.16841E+02	1.77156E+02	9.4553E+01	2.48041E+01
26	6.95162E+02	4.82099E+02	2.83952E+02	1.54376E+02	8.00524E+01	1.98019E+01
27	6.53932E+02	4.43992E+02	2.54697E+02	1.34622E+02	6.78145E+01	1.58153E+01
28	6.15981E+02	4.09332E+02	2.28643E+02	1.17477E+02	5.74853E+01	1.26374E+01
29	5.80945E+02	3.77912E+02	2.05414E+02	1.02583E+02	4.87560E+01	1.01029E+01
30	5.48601E+02	3.48911E+02	1.84682E+02	8.96342E+01	4.13751E+01	8.0047E+00
31	5.18638E+02	3.22563E+02	1.66160E+02	7.83468E+01	3.51303E+01	6.45756E+00
32	4.90849E+02	2.98433E+02	1.49598E+02	6.85594E+01	2.98433E+01	5.17595E+00
33	4.65036E+02	2.76365E+02	1.34773E+02	6.00057E+01	2.53844E+01	4.14513E+00
34	4.41022E+02	2.56105E+02	1.21492E+02	5.25501E+01	2.15688E+01	3.32104E+00
35	4.18647E+02	2.37502E+02	1.09565E+02	4.60444E+01	1.83481E+01	2.66181E+00
36	3.97771E+02	2.20433E+02	9.80014E+01	4.03639E+01	1.56159E+01	2.13426E+00

RECTANGULAR SLAB SOURCE = 20IN.X 30IN.

AIR GAP = 6.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	70.5807E+03	70.5807E+03	70.5807E+03	70.5807E+03	70.5807E+03	70.5807E+03
1	61.0560E+03	60.9143E+03	60.6520E+03	60.2819E+03	59.8156E+03	58.6360E+03
2	53.2501E+03	52.9021E+03	52.2162E+03	51.2578E+03	50.0824E+03	47.2631E+03
3	46.7689E+03	46.1966E+03	45.0743E+03	43.5516E+03	41.7476E+03	37.6549E+03
4	41.3309E+03	40.5384E+03	39.0215E+03	37.0305E+03	34.7525E+03	29.8531E+03
5	36.7278E+03	35.7297E+03	33.8779E+03	31.5278E+03	28.9292E+03	23.6192E+03
6	32.8018E+03	31.6173E+03	29.4926E+03	26.8851E+03	24.0966E+03	18.6737E+03
7	29.4307E+03	28.0804E+03	25.7413E+03	22.9641E+03	20.0897E+03	14.7629E+03
8	26.5183E+03	25.0231E+03	22.5216E+03	19.6474E+03	16.7668E+03	11.6746E+03
9	23.9882E+03	22.3678E+03	19.7494E+03	16.8367E+03	14.0091E+03	92.3602E+02
10	21.7790E+03	20.0518E+03	17.3553E+03	14.4504E+03	11.7179E+03	73.1233E+02
11	19.8408E+03	18.0236E+03	15.2819E+03	12.4286E+03	98.1227E+02	57.9248E+02
12	18.1326E+03	16.2409E+03	13.4612E+03	10.6909E+03	82.2529E+02	45.9153E+02
13	16.6210E+03	14.6604E+03	11.9136E+03	92.1440E+02	69.0210E+02	36.4198E+02
14	15.2780E+03	13.2769E+03	10.5456E+03	79.5184E+02	57.9751E+02	28.9070E+02
15	14.0804E+03	12.0418E+03	93.4905E+02	68.7049E+02	48.7433E+02	22.9589E+02
16	13.0087E+03	10.9423E+03	83.0035E+02	59.4294E+02	41.0188E+02	18.2463E+02
17	12.0464E+03	99.6099E+02	73.7936E+02	51.4616E+02	34.5487E+02	14.5100E+02
18	11.1797E+03	90.8285E+02	65.6903E+02	44.6076E+02	29.1234E+02	11.5457E+02
19	10.3967E+03	82.9517E+02	58.5481E+02	38.7040E+02	24.5697E+02	91.9243E+01
20	9.6874E+02	75.8705E+02	52.2424E+02	33.6128E+02	20.7438E+02	73.2297E+01
21	9.0430E+02	69.4908E+02	46.6666E+02	29.2169E+02	17.5265E+02	58.3693E+01
22	84.5626E+02	63.7316E+02	41.7289E+02	25.4171E+02	14.8188E+02	46.5495E+01
23	79.2053E+02	58.5277E+02	37.3501E+02	22.1292E+02	12.5737E+02	37.1426E+01
24	74.3034E+02	53.8029E+02	33.4617E+02	19.2812E+02	10.6144E+02	29.6516E+01
25	69.8078E+02	49.5190E+02	30.0046E+02	16.6119E+02	89.9178E+01	23.6830E+01
26	65.6763E+02	45.6245E+02	26.9271E+02	14.6690E+02	76.2176E+01	18.9259E+01
27	61.8718E+02	42.0785E+02	24.1845E+02	12.8077E+02	64.6417E+01	15.1297E+01
28	58.3615E+02	38.8452E+02	21.7378E+02	11.1896E+02	54.8541E+01	12.1010E+01
29	55.1169E+02	35.9282E+02	19.5527E+02	97.8195E+01	46.5730E+01	96.8283E+00
30	52.1125E+02	33.1935E+02	17.5994E+02	85.5632E+01	39.5621E+01	77.5117E+00
31	49.3258E+02	30.7244E+02	15.8517E+02	74.8843E+01	33.6231E+01	62.0742E+00
32	46.7371E+02	28.4576E+02	14.2865E+02	65.5732E+01	28.5891E+01	49.7311E+00
33	44.3284E+02	26.3794E+02	12.8836E+02	57.4494E+01	24.3199E+01	39.8500E+00
34	42.0832E+02	24.4705E+02	11.6233E+02	50.3599E+01	20.6973E+01	31.9570E+00
35	39.9894E+02	22.7151E+02	10.4956E+02	44.1610E+01	17.6218E+01	25.6317E+00
36	38.0327E+02	21.0995E+02	94.8070E+01	38.7451E+01	15.0094E+01	20.5658E+00

RECTANGULAR SLAB SOURCE = 20IN.X 30IN.

AIR GAP = 7.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	61.0775E+03	61.0775E+03	61.0775E+03	61.0775E+03	61.0775E+03	61.0775E+03
1	53.2757E+03	53.1908E+03	53.0235E+03	52.7596E+03	52.4156E+03	51.5197E+03
2	46.7984E+03	46.5622E+03	46.0433E+03	45.2928E+03	44.3549E+03	42.0635E+03
3	41.3636E+03	40.9363E+03	40.0395E+03	38.7942E+03	37.2984E+03	33.8540E+03
4	36.7630E+03	36.1383E+03	34.8854E+03	33.2120E+03	31.2757E+03	27.0571E+03
5	32.8388E+03	32.0237E+03	30.4587E+03	28.4446E+03	26.1955E+03	21.5478E+03
6	29.4683E+03	28.4709E+03	26.6503E+03	24.3822E+03	21.9359E+03	17.1288E+03
7	26.5572E+03	25.4049E+03	23.3667E+03	20.9224E+03	18.3732E+03	13.6040E+03
8	24.0275E+03	22.7325E+03	20.5290E+03	17.9748E+03	15.3972E+03	10.8010E+03
9	21.8184E+03	20.3981E+03	18.0705E+03	15.4612E+03	12.9120E+03	8.57535E+02
10	19.8779E+03	18.3511E+03	15.9357E+03	13.3152E+03	10.8362E+03	68.0964E+02
11	18.1714E+03	16.5496E+03	14.0773E+03	11.4809E+03	9.0136E+02	54.0920E+02
12	16.6592E+03	14.9588E+03	12.4559E+03	99.1068E+02	76.5551E+02	42.9846E+02
13	15.3156E+03	13.5496E+03	11.0384E+03	85.6483E+02	64.3618E+02	34.1732E+02
14	14.1172E+03	12.2976E+03	97.9639E+02	74.0971E+02	54.1894E+02	27.1809E+02
15	13.0447E+03	11.1820E+03	87.0615E+02	64.1700E+02	45.6607E+02	21.6299E+02
16	12.0816E+03	10.1855E+03	77.4732E+02	55.6276E+02	38.5037E+02	17.2100E+02
17	11.2140E+03	92.9299E+02	69.0258E+02	48.2680E+02	32.4926E+02	13.7177E+02
18	10.4302E+03	84.9184E+02	61.5712E+02	41.9197E+02	27.4396E+02	10.9325E+02
19	97.1959E+02	77.7107E+02	54.9822E+02	36.4378E+02	23.1883E+02	87.1711E+01
20	90.7473E+02	71.2126E+02	49.1496E+02	31.6987E+02	19.6091E+02	69.5400E+01
21	84.8705E+02	65.3436E+02	43.9793E+02	27.5977E+02	16.5929E+02	55.5013E+01
22	79.3046E+02	60.0301E+02	39.3899E+02	24.0453E+02	14.0493E+02	44.3175E+01
23	74.5939E+02	55.2134E+02	35.3110E+02	20.9652E+02	11.9028E+02	35.4034E+01
24	70.0895E+02	50.8391E+02	31.6813E+02	18.2922E+02	10.9901E+02	28.2905E+01
25	65.9010E+02	46.8601E+02	28.4477E+02	15.9705E+02	9.5813E+01	22.6237E+01
26	62.1375E+02	43.2353E+02	25.5638E+02	13.9523E+02	72.6269E+01	18.0968E+01
27	58.6194E+02	39.9283E+02	22.9892E+02	12.1964E+02	61.6651E+01	14.4818E+01
28	55.3671E+02	36.9072E+02	20.6883E+02	10.6677E+02	52.3840E+01	11.5936E+01
29	52.3533E+02	34.1437E+02	18.6302E+02	93.3583E+01	44.5211E+01	92.8510E+00
30	49.5614E+02	31.6126E+02	16.7876E+02	81.7458E+01	37.8561E+01	74.3914E+00
31	46.9656E+02	29.2918E+02	15.1364E+02	71.6145E+01	32.2032E+01	59.6242E+00
32	44.5501E+02	27.1613E+02	13.6557E+02	62.7698E+01	27.4064E+01	47.8099E+00
33	42.2991E+02	25.2036E+02	12.3267E+02	55.0435E+01	23.3338E+01	38.3440E+00
34	40.1984E+02	23.4026E+02	11.1330E+02	48.2904E+01	19.8745E+01	30.7655E+00
35	38.2353E+02	21.7443E+02	10.0601E+02	42.3844E+01	16.9347E+01	24.6934E+00
36	36.3948E+02	20.2159E+02	90.9515E+01	37.2166E+01	14.4352E+01	19.8263E+00

RECTANGULAR SLAB SOURCE = 20 IN. X 60 IN.

AIR GAP = -0.0 IN.

X = Y = 0

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	20.0982E+04	20.0982E+04	20.0982E+04	20.0982E+04	20.0982E+04	20.0982E+04
1	17.5002E+04	16.8505E+04	15.8988E+04	15.1487E+04	14.4374E+04	13.1310E+04
2	14.6940E+04	13.7506E+04	12.7935E+04	11.8679E+04	10.9934E+04	9.42053E+03
3	12.4823E+04	11.5437E+04	10.5390E+04	95.5714E+03	86.3515E+03	70.1411E+03
4	10.7474E+04	98.378CE+03	88.2254E+03	78.2787E+03	69.0428E+03	53.2353E+03
5	93.5976E+03	84.8066E+03	74.7030E+03	64.8485E+03	55.8360E+03	40.8723E+03
6	82.2871E+03	73.7680E+03	63.7983E+03	54.1677E+03	45.5181E+03	31.6213E+03
7	72.5202E+03	64.6381E+03	54.8564E+03	45.5345E+03	37.3303E+03	24.5986E+03
8	65.0601E+03	58.9865E+03	47.4311E+03	38.4733E+03	30.7600E+03	19.2153E+03
9	58.3908E+03	50.8048E+03	41.2040E+03	32.8460E+03	25.4461E+03	15.0599E+03
10	52.6778E+03	44.7646E+03	35.9390E+03	27.8016E+03	21.1180E+03	11.6355E+03
11	47.7439E+03	40.1928E+03	31.4572E+03	23.7506E+03	17.5767E+03	9.2303E+02
12	43.4499E+03	36.0551E+03	27.6196E+03	20.3652E+03	14.6648E+03	7.5871E+02
13	39.6897E+03	32.4460E+03	24.3169E+03	17.4706E+03	12.2618E+03	58.1854E+02
14	36.3773E+03	29.2814E+03	21.4618E+03	15.0347E+03	10.2725E+03	46.0799E+02
15	33.4438E+03	26.4936E+03	18.9838E+03	12.9635E+03	86.2079E+02	36.5447E+02
16	30.8332E+03	24.0273E+03	16.8254E+03	11.1973E+03	72.4599E+02	29.0198E+02
17	28.4997E+03	21.8370E+03	14.9393E+03	96.8702E+02	60.9906E+02	23.0713E+02
18	26.4060E+03	19.8852E+03	13.2868E+03	83.9254E+02	51.4029E+02	18.3617E+02
19	24.5200E+03	18.1403E+03	11.8348E+03	72.8063E+02	43.3735E+02	14.6279E+02
20	22.8155E+03	16.5759E+03	10.5562E+03	63.2367E+02	36.6378E+02	11.6639E+02
21	21.2701E+03	15.1686E+03	94.2769E+02	54.9859E+02	30.9789E+02	93.0833E+01
22	19.8549E+03	13.9024E+03	84.2980E+02	47.8607E+02	26.2181E+02	74.3425E+01
23	18.5837E+03	12.7537E+03	75.4581E+02	41.6983E+02	22.2078E+02	59.4180E+01
24	17.4126E+03	11.7223E+03	67.6141E+02	36.3615E+02	18.6258E+02	47.5218E+01
25	16.3396E+03	10.7831E+03	60.6433E+02	31.7337E+02	15.9705E+02	38.0315E+01
26	15.3542E+03	99.3001E+02	54.4397E+02	27.7162E+02	13.9576E+02	30.4545E+01
27	14.4476E+03	91.5379E+02	48.9116E+02	24.2248E+02	11.5167E+02	24.4008E+01
28	13.6116E+03	84.4640E+02	43.9794E+02	21.1874E+02	97.8886E+01	19.5607E+01
29	12.8393E+03	78.0081E+02	39.5740E+02	18.5427E+02	83.2800E+01	15.6895E+01
30	12.1247E+03	72.1016E+02	35.6348E+02	16.2378E+02	70.6385E+01	12.5877E+01
31	11.4623E+03	66.7091E+02	32.1090E+02	14.2275E+02	60.3080E+01	10.1040E+01
32	10.8473E+03	61.7625E+02	28.9503E+02	12.4728E+02	51.3676E+01	81.1631E+00
33	10.2755E+03	57.2232E+02	26.1179E+02	10.9401E+02	43.7725E+01	65.2101E+00
34	97.4305E+02	53.0588E+02	23.5761E+02	96.0036E+01	37.3166E+01	52.4130E+00
35	92.4654E+02	49.2250E+02	21.2932E+02	84.2861E+01	31.8260E+01	42.1428E+00
36	87.8296E+02	45.7051E+02	19.2414E+02	74.0315E+01	27.1541E+01	33.8970E+00

RECTANGULAR SLAB SOURCE = 20 IN. X 60 IN.

AIR GAP = 1.0 IN.

X = Y = 0

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	17.9144E+04	17.9144E+04	17.9144E+04	17.9144E+04	17.9144E+04	17.9144E+04
1	14.9180E+04	14.4635E+04	13.9903E+04	13.5102E+04	13.0310E+04	12.0990E+04
2	12.6207E+04	12.0301E+04	11.3775E+04	10.7064E+04	10.0421E+04	87.8391E+03
3	10.8417E+04	10.2021E+04	94.6027E+03	86.9556E+03	79.4892E+03	65.8032E+03
4	94.2885E+03	87.6945E+03	79.7885E+03	71.6816E+03	63.9043E+03	50.1323E+03
5	82.8210E+03	76.1457E+03	67.9745E+03	59.6914E+03	51.9318E+03	35.5951E+03
6	73.3501E+03	66.6469E+03	58.3591E+03	50.0786E+03	42.4625E+03	29.9257E+03
7	65.4174E+03	58.7156E+03	50.4101E+03	42.2584E+03	34.9334E+03	23.3246E+03
8	58.6954E+03	52.0140E+03	43.7644E+03	35.8274E+03	28.8667E+03	18.2525E+03
9	52.9427E+03	46.2960E+03	38.1578E+03	30.4945E+03	23.7405E+03	14.7201E+03
10	47.9774E+03	41.3770E+03	33.3922E+03	26.0423E+03	19.9159E+02	11.2780E+03
11	43.6595E+03	37.1155E+03	29.3159E+03	22.3045E+03	16.6117E+03	88.9741E+02
12	39.8794E+03	33.4008E+03	25.8102E+03	19.1516E+03	13.8875E+03	70.3305E+02
13	36.5504E+03	30.1450E+03	22.7810E+03	16.4813E+03	11.6336E+03	55.6854E+02
14	33.6030E+03	27.2777E+03	20.1526E+03	14.2116E+03	97.6298E+02	44.1564E+02
15	30.9805E+03	24.7414E+03	17.8637E+03	12.2765E+03	82.0638E+02	35.0615E+02
16	28.6369E+03	22.4893E+03	15.6638E+03	10.6220E+03	69.0797E+02	27.8737E+02
17	26.5340E+03	20.4824E+03	14.1114E+03	92.0387E+02	58.2265E+02	22.1841E+02
18	24.6400E+03	18.6822E+03	12.5716E+03	76.8574E+02	49.1375E+02	17.6737E+02
19	22.9283E+03	17.0796E+03	11.2155E+03	69.3726E+02	41.5119E+02	14.0933E+02
20	21.3765E+03	15.6335E+03	10.0185E+03	60.3319E+02	35.1052E+02	11.2478E+02
21	19.9655E+03	14.3302E+03	89.5991E+02	52.5234E+02	29.7146E+02	89.8396E+01
22	18.6790E+03	13.1530E+03	80.2197E+02	45.7690E+02	25.1733E+02	71.8099E+01
23	17.5031E+03	12.0875E+03	71.8956E+02	39.9185E+02	21.3429E+02	57.4377E+01
24	16.4257E+03	11.1212E+03	64.4956E+02	34.8445E+02	18.1086E+02	45.9712E+01
25	15.4363E+03	10.2434E+03	57.9106E+02	30.4387E+02	15.3750E+02	36.8157E+01
26	14.5258E+03	94.4442E+02	52.9406E+02	26.6091E+02	13.0625E+02	29.3031E+01
27	13.6863E+03	87.1622E+02	46.8023E+02	23.2770E+02	11.1044E+02	23.6506E+01
28	12.9108E+03	80.5152E+02	42.1224E+02	20.3750E+02	94.4523E+01	18.9704E+01
29	12.1932E+03	74.4393E+02	37.9369E+02	17.8455E+02	80.3824E+01	15.2235E+01
30	11.5279E+03	68.8783E+02	34.1000E+02	15.6388E+02	68.4429E+01	12.2221E+01
31	10.9102E+03	63.7823E+02	30.8324E+02	13.7124E+02	58.3046E+01	98.1663E+00
32	10.3359E+03	59.1072E+02	27.8211E+02	12.0293E+02	49.6907E+01	78.8775E+00
33	98.0105E+02	54.8134E+02	25.1181E+02	10.9579E+02	42.3676E+01	63.4030E+00
34	93.0230E+02	50.8657E+02	22.6900E+02	92.7078E+01	36.1386E+01	50.9831E+00
35	88.2659E+02	47.2327E+02	20.5072E+02	81.4413E+01	30.8375E+01	41.0105E+00
36	84.0118E+02	43.8862E+02	18.5435E+02	71.5740E+01	26.5239E+01	32.9977E+00

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 20 IN. X 60 IN.

AIR GAP = 2.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	15.1331E+04	15.1331E+04	15.1331E+04	15.1331E+04	15.1331E+04	15.1331E+04
1	12.7508E+04	12.4823E+04	12.1859E+04	11.8707E+04	11.5437E+04	10.8743E+04
2	10.9232E+04	10.5419E+04	10.1827E+04	9.8706E+03	9.6779E+03	9.1287E+03
3	94.9262E+03	90.4092E+03	84.8064E+03	78.7712E+03	72.6842E+03	61.1267E+03
4	83.3127E+03	78.3990E+03	72.1369E+03	65.4652E+03	58.8841E+03	46.8813E+03
5	73.7462E+03	68.5658E+03	61.8735E+03	54.8564E+03	48.0986E+03	36.2407E+03
6	65.7474E+03	60.3793E+03	53.4178E+03	46.2568E+03	39.5309E+03	28.2160E+03
7	58.9775E+03	53.4754E+03	46.3636E+03	39.2017E+03	32.6460E+03	22.0562E+03
8	53.1889E+03	47.5924E+03	40.4204E+03	33.3603E+03	27.0656E+03	17.3029E+03
9	48.1958E+03	42.5360E+03	35.3732E+03	28.4884E+03	22.5121E+03	13.6135E+03
10	43.8558E+03	38.1579E+03	31.0584E+03	24.4009E+03	18.7764E+03	10.7367E+03
11	40.0577E+03	34.3430E+03	27.3487E+03	20.9543E+03	15.6979E+03	84.8532E+02
12	36.7138E+03	31.0002E+03	24.1437E+03	18.0357E+03	13.1516E+03	67.1806E+02
13	33.7537E+03	28.0565E+03	21.3630E+03	15.5551E+03	11.0386E+03	53.2720E+02
14	31.1204E+03	25.4528E+03	18.9411E+03	13.4400E+03	92.8021E+02	42.3019E+02
15	28.7674E+03	23.1407E+03	16.8249E+03	11.6314E+03	78.1341E+02	33.6328E+02
16	26.6562E+03	21.0802E+03	14.9701E+03	10.0810E+03	65.8710E+02	26.7705E+02
17	24.7549E+03	19.2379E+03	13.3401E+03	87.4889E+02	55.6006E+02	21.3301E+02
18	23.0376E+03	17.5859E+03	11.9042E+03	76.0210E+02	46.9824E+02	17.0113E+02
19	21.4790E+03	16.1005E+03	10.6365E+03	66.1300E+02	39.7399E+02	13.5785E+02
20	20.0627E+03	14.7616E+03	9.51505E+02	57.5851E+02	33.6449E+02	10.8470E+02
21	18.7713E+03	13.5520E+03	8.52118E+02	50.1919E+02	28.5088E+02	8.7130E+01
22	17.5907E+03	12.4570E+03	7.63888E+02	43.7864E+02	24.1759E+02	69.3682E+01
23	16.5094E+03	11.4637E+03	6.85444E+02	38.2295E+02	20.5169E+02	55.5275E+01
24	15.5162E+03	10.5610E+03	6.15600E+02	33.4033E+02	17.4220E+02	44.4747E+01
25	14.6021E+03	97.3941E+02	5.53333E+02	29.2072E+02	14.8051E+02	35.6417E+01
26	13.7593E+03	89.9036E+02	4.97752E+02	25.5552E+02	12.5882E+02	28.5780E+01
27	12.9807E+03	83.0648E+02	4.48083E+02	22.3740E+02	10.7093E+02	22.9255E+01
28	12.2602E+03	76.6122E+02	4.03650E+02	19.6003E+02	9.11561E+01	18.3995E+01
29	11.5922E+03	71.0883E+02	3.63862E+02	17.1801E+02	77.6297E+01	14.7736E+01
30	10.9720E+03	65.8419E+02	3.28200E+02	15.0668E+02	66.1418E+01	11.8872E+01
31	10.3952E+03	61.0276E+02	2.96207E+02	13.2200E+02	56.3792E+01	95.3639E+00
32	9.85808E+02	56.6051E+02	2.67484E+02	11.6052E+02	48.0780E+01	76.6626E+00
33	9.35177E+02	52.5382E+02	2.41675E+02	10.1922E+02	41.6158E+01	61.6512E+00
34	8.8942E+02	48.7947E+02	2.18468E+02	8.95515E+01	35.0046E+01	49.5963E+00
35	8.45208E+02	45.3457E+02	1.97586E+02	7.87152E+01	29.8854E+01	39.9119E+00
36	8.04267E+02	42.1651E+02	1.78783E+02	6.92176E+01	25.5239E+01	32.1288E+00

RECTANGULAR SLAB SOURCE = 20 IN. X 60 IN.

AIR GAP = 3.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	12.8708E+04	12.8708E+04	12.8708E+04	12.8708E+04	12.8708E+04	12.8708E+04
1	11.0092E+04	10.8417E+04	10.6472E+04	10.4322E+04	10.2018E+04	97.1298E+03
2	95.5045E+03	92.8592E+03	89.5287E+03	85.7838E+03	81.8143E+03	73.6916E+03
3	83.7582E+03	80.4703E+03	76.1457E+03	71.3119E+03	66.3015E+03	56.4970E+03
4	74.1056E+03	70.3560E+03	65.3156E+03	59.7675E+03	54.1627E+03	43.6729E+03
5	66.0477E+03	61.9503E+03	56.3995E+03	50.4101E+03	44.5200E+03	33.9691E+03
6	59.2354E+03	54.8692E+03	48.9642E+03	42.7339E+03	36.7729E+03	26.5467E+03
7	53.4151E+03	48.8393E+03	42.7010E+03	36.3783E+03	30.4945E+03	20.8235E+03
8	48.3975E+03	43.6586E+03	37.3819E+03	31.0769E+03	25.3713E+03	16.3836E+03
9	44.0379E+03	39.1737E+03	32.8341E+03	26.6281E+03	21.1679E+03	12.9226E+03
10	40.2240E+03	35.2660E+03	28.9232E+03	22.8757E+03	17.7033E+03	10.2144E+03
11	36.8668E+03	31.8416E+03	25.5434E+03	19.6972E+03	14.8968E+03	80.8854E+02
12	33.8959E+03	28.8258E+03	22.5099E+03	16.9966E+03	12.4573E+03	64.1532E+02
13	31.2526E+03	26.1500E+03	20.3542E+03	14.6893E+03	10.4766E+03	50.9539E+02
14	28.8912E+03	23.7884E+03	17.8201E+03	12.7173E+03	8.82369E+02	40.5212E+02
15	26.7726E+03	21.6763E+03	15.8613E+03	11.0242E+03	74.4135E+02	32.2609E+02
16	24.8647E+03	19.7874E+03	14.1392E+03	9.57255E+02	62.8307E+02	25.7107E+02
17	23.1405E+03	18.0931E+03	12.6216E+03	8.32042E+02	53.1084E+02	20.5096E+02
18	21.5775E+03	16.5693E+03	11.2812E+03	7.24042E+02	44.9351E+02	16.3745E+02
19	20.1562E+03	15.1955E+03	10.0951E+03	6.30686E+02	38.0542E+02	13.0834E+02
20	18.8604E+03	13.9540E+03	9.04344E+02	5.49882E+02	32.2541E+02	10.4613E+02
21	17.6758E+03	12.8298E+03	8.10954E+02	4.79848E+02	27.3593E+02	83.7039E+01
22	16.5905E+03	11.8097E+03	7.27891E+02	4.19071E+02	23.2240E+02	67.0156E+01
23	15.5937E+03	10.8825E+03	6.53910E+02	3.6268E+02	19.7271E+02	53.6058E+01
24	14.6763E+03	10.0383E+03	5.87731E+02	3.20343E+02	16.7672E+02	43.0309E+01
25	13.8304E+03	9.26847E+02	5.29018E+02	2.80361E+02	14.2598E+02	34.5058E+01
26	13.0480E+03	8.56541E+02	4.76394E+02	2.45522E+02	12.1340E+02	27.6873E+01
27	12.3266E+03	7.92446E+02	4.29277E+02	2.15137E+02	10.3306E+02	22.247E+01
28	11.6591E+03	7.33732E+02	3.87014E+02	1.88617E+02	87.9946E+01	17.8475E+01
29	11.0324E+03	6.79395E+02	3.49167E+02	1.65452E+02	74.9878E+01	14.3930E+01
30	10.4545E+03	6.29052E+02	3.15205E+02	1.45204E+02	63.9318E+01	11.5237E+01
31	9.91408E+02	5.84329E+02	2.84704E+02	1.27494E+02	54.5288E+01	9.26499E+00
32	9.4112E+02	5.4457E+02	2.57291E+02	1.11995E+02	46.5274E+01	74.5168E+00
33	8.9414E+02	5.03705E+02	2.32659E+02	9.64214E+01	39.7152E+01	59.9531E+00
34	8.5021E+02	4.68377E+02	2.10643E+02	8.65285E+01	33.9128E+01	48.2516E+00
35	8.0912E+02	4.35807E+02	1.90455E+02	7.61026E+01	28.9683E+01	38.0462E+00
36	7.70562E+02	4.05336E+02	1.72433E+02	6.69580E+01	24.7530E+01	31.2836E+00

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 20 IN. X 60 IN.

AIR GAP = 4.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	11.0803E+04	11.0803E+04	11.0803E+04	11.0803E+04	11.0803E+04	11.0803E+04
1	96.0167E+03	94.9262E+03	93.5976E+03	92.0786E+03	90.4092E+03	86.7475E+03
2	84.1526E+03	82.2871E+03	79.8043E+03	76.9132E+03	73.7680E+03	67.1389E+03
3	74.4250E+03	71.9701E+03	68.5658E+03	64.6381E+03	60.710E+03	52.1022E+03
4	66.3161E+03	63.3960E+03	59.2787E+03	54.6174E+03	49.8103E+03	40.6078E+03
5	59.4673E+03	56.1722E+03	51.5154E+03	46.3636E+03	41.2040E+03	31.7753E+03
6	53.6199E+03	50.0195E+03	44.9646E+03	39.5116E+03	34.2083E+03	24.9482E+03
7	48.5813E+03	44.7318E+03	39.3940E+03	33.7822E+03	28.4884E+03	19.6435E+03
8	44.2050E+03	40.1530E+03	34.6256E+03	28.9726E+03	23.7882E+03	15.5039E+03
9	40.3774E+03	36.1619E+03	30.5211E+03	24.9083E+03	19.9094E+03	12.2618E+03
10	37.0089E+03	32.6633E+03	26.9708E+03	21.4618E+03	16.6967E+03	97.1494E+02
11	34.0279E+03	29.5863E+03	23.8869E+03	18.5287E+03	14.0275E+03	77.9903E+02
12	31.3767E+03	26.8531E+03	21.1982E+03	16.0248E+03	11.8038E+03	61.2569E+02
13	29.0079E+03	24.4294E+03	18.8461E+03	13.8808E+03	9.4670E+02	48.7333E+02
14	26.8827E+03	22.2681E+03	16.7825E+03	12.0410E+03	83.9254E+02	38.0159E+02
15	24.9690E+03	20.3345E+03	14.9672E+03	10.4586E+03	70.8945E+02	29.0463E+02
16	23.2395E+03	18.5956E+03	13.3665E+03	90.9491E+02	59.9802E+02	24.6946E+02
17	21.6716E+03	17.0386E+03	11.9520E+03	79.1757E+02	50.7445E+02	19.7222E+02
18	20.2459E+03	15.6307E+03	10.6995E+03	68.9949E+02	42.9905E+02	15.7631E+02
19	18.9460E+03	14.2580E+03	9.58856E+02	60.1784E+02	36.4512E+02	12.6076E+02
20	17.7577E+03	13.2051E+03	86.0148E+02	52.5332E+02	30.9301E+02	10.0904E+02
21	16.6688E+03	12.1587E+03	77.2316E+02	45.8955E+02	26.2637E+02	80.0072E+01
22	15.6688E+03	11.2072E+03	69.4053E+02	40.1260E+02	22.3159E+02	64.7497E+01
23	14.7483E+03	10.3406E+03	62.4225E+02	35.1060E+02	18.9731E+02	51.9108E+01
24	13.8996E+03	9.5014E+02	56.1850E+02	30.7338E+02	16.1404E+02	41.6386E+01
25	13.1253E+03	88.2798E+02	50.6070E+02	26.9225E+02	13.7380E+02	33.4148E+01
26	12.3895E+03	81.6736E+02	45.6135E+02	23.5974E+02	11.6991E+02	26.8272E+01
27	11.7165E+03	75.6225E+02	41.1391E+02	20.6941E+02	9.96763E+01	21.5479E+01
28	11.0916E+03	70.0732E+02	37.1260E+02	18.1573E+02	8.49627E+01	17.3138E+01
29	10.5104E+03	64.9783E+02	33.5237E+02	15.9392E+02	7.24524E+01	13.9173E+01
30	9.96900E+02	60.2955E+02	30.2875E+02	13.9986E+02	61.8095E+01	11.1912E+01
31	9.6408E+02	55.9871E+02	27.3779E+02	12.2996E+02	52.7507E+01	90.0219E+00
32	89.9251E+02	52.0192E+02	24.7602E+02	10.6114E+02	45.0364E+01	72.4379E+00
33	85.3153E+02	46.3617E+02	22.4034E+02	9.50707E+01	38.4640E+01	58.3073E+00
34	81.3865E+02	41.8872E+02	20.2801E+02	8.6031E+01	32.8620E+01	46.9877E+00
35	77.5163E+02	37.8125E+02	18.3661E+02	7.5987E+01	28.0891E+01	37.1244E+00
36	73.8844E+02	34.9917E+02	16.6397E+02	64.7911E+01	24.0102E+01	30.4634E+00

RECTANGULAR SLAB SOURCE = 20 IN. X 60 IN.

AIR GAP = 5.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	96.4554E+03	96.4554E+03	96.4554E+03	96.4554E+03	96.4554E+03	96.4554E+03
1	84.4916E+03	83.7582E+03	82.8210E+03	81.7150E+03	80.4703E+03	77.6650E+03
2	74.7011E+03	73.3501E+03	71.4550E+03	69.1790E+03	66.6469E+03	61.7322E+03
3	66.5500E+03	64.6773E+03	61.9503E+03	58.7156E+03	55.2143E+03	48.0226E+03
4	59.6714E+03	57.3569E+03	53.9485E+03	49.9940E+03	45.8423E+03	37.7337E+03
5	53.8018E+03	51.1131E+03	47.1650E+03	42.7010E+03	38.1578E+03	29.7064E+03
6	48.7461E+03	45.7409E+03	41.3770E+03	36.5765E+03	31.8398E+03	23.4359E+03
7	44.3562E+03	41.0843E+03	36.4101E+03	31.4113E+03	26.6281E+03	18.5248E+03
8	40.5174E+03	37.0220E+03	32.1259E+03	27.0378E+03	22.3150E+03	14.6686E+03
9	37.1395E+03	33.4581E+03	28.4141E+03	23.3212E+03	18.7348E+03	11.6336E+03
10	34.1504E+03	30.3161E+03	25.1852E+03	20.1526E+03	15.7549E+03	9.23948E+02
11	31.4921E+03	27.5337E+03	22.3666E+03	17.4435E+03	13.2685E+03	73.4739E+02
12	29.1170E+03	25.0599E+03	19.8982E+03	15.1213E+03	11.1895E+03	58.4943E+02
13	26.9863E+03	22.8527E+03	17.7304E+03	13.1261E+03	9.4765E+02	46.6167E+02
14	25.0675E+03	20.8770E+03	15.8217E+03	11.4083E+03	79.8574E+02	37.1859E+02
15	23.3346E+03	19.1033E+03	14.1372E+03	9.92655E+02	67.3684E+02	29.6885E+02
16	21.7613E+03	17.5067E+03	12.6476E+03	86.4624E+02	57.2233E+02	23.7214E+02
17	20.3317E+03	16.0659E+03	11.3276E+03	75.3828E+02	48.5032E+02	18.9074E+02
18	19.0281E+03	14.7630E+03	10.1560E+03	65.7813E+02	41.1443E+02	15.1764E+02
19	17.8366E+03	13.5921E+03	9.1447E+02	57.4500E+02	34.9273E+02	12.1507E+02
20	16.7443E+03	12.5099E+03	8.18712E+02	50.2122E+02	29.6698E+02	9.73388E+01
21	15.7413E+03	11.5345E+03	7.36036E+02	43.9175E+02	25.2196E+02	78.0205E+01
22	14.8181E+03	10.6459E+03	6.62230E+02	38.4377E+02	21.4495E+02	62.5683E+01
23	13.9666E+03	9.83490E+02	5.96270E+02	33.6627E+02	18.2932E+02	50.2007E+01
24	13.1799E+03	90.9579E+02	53.7256E+02	29.4983E+02	15.5413E+02	40.2061E+01
25	12.4517E+03	84.1598E+02	48.4403E+02	25.8634E+02	13.2388E+02	32.3596E+01
26	11.7764E+03	77.9416E+02	43.7023E+02	22.6884E+02	11.2827E+02	25.9969E+01
27	11.1493E+03	72.2408E+02	39.4512E+02	19.9131E+02	9.61986E+01	20.8934E+01
28	10.5661E+03	67.0051E+02	35.6357E+02	17.4895E+02	8.20553E+01	16.7960E+01
29	10.0228E+03	62.1913E+02	32.2028E+02	15.3608E+02	70.0194E+01	13.5101E+01
30	9.51601E+02	57.7611E+02	29.1172E+02	13.5001E+02	59.7716E+01	10.8694E+01
31	9.04267E+02	53.6799E+02	26.3400E+02	11.8696E+02	51.0422E+01	87.4777E+00
32	85.9999E+02	49.9167E+02	23.8389E+02	10.4402E+02	43.6029E+01	70.4244E+00
33	81.8550E+02	46.4438E+02	21.5849E+02	91.8632E+01	37.2603E+01	56.7125E+00
34	77.9639E+02	43.2361E+02	19.5523E+02	80.8596E+01	31.8505E+01	45.6836E+00
35	74.3225E+02	40.2711E+02	17.7785E+02	71.1986E+01	27.2346E+01	36.8098E+00
36	70.8964E+02	37.5282E+02	16.0629E+02	62.7128E+01	23.2945E+01	29.6677E+00

RECTANGULAR SLAB SOURCE = 20 IN. X 60 IN.

AIR GAP = 6.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	84.7694E+03	84.7694E+03	84.7694E+03	84.7694E+03	84.7694E+03	84.7694E+03
1	74.9302E+03	74.4250E+03	73.7452E+03	72.9202E+03	71.9701E+03	69.7763E+03
2	66.7469E+03	65.7476E+03	64.2712E+03	62.4479E+03	60.3793E+03	59.8006E+03
3	59.8457E+03	58.3908E+03	56.1722E+03	53.4754E+03	50.5048E+03	44.2822E+03
4	53.9594E+03	52.0966E+03	49.2410E+03	45.8554E+03	42.2449E+03	35.0601E+03
5	48.8908E+03	46.6684E+03	43.2892E+03	39.3940E+03	35.3732E+03	27.7743E+03
6	44.4905E+03	41.9546E+03	38.1579E+03	33.9084E+03	29.6610E+03	22.0161E+03
7	40.6431E+03	37.8361E+03	33.7166E+03	29.2413E+03	24.9083E+03	17.4706E+03
8	37.2579E+03	34.2184E+03	29.8578E+03	25.2609E+03	20.9475E+03	15.8794E+03
9	34.2624E+03	31.0252E+03	26.4936E+03	21.8577E+03	17.6407E+03	11.0386E+03
10	31.5984E+03	28.1947E+03	23.5512E+03	18.9411E+03	14.8749E+03	8.7835E+02
11	29.2183E+03	25.5759E+03	20.9702E+03	16.4362E+03	12.5575E+03	7.00366E+02
12	27.0830E+03	23.4267E+03	18.7004E+03	14.2804E+03	10.6126E+03	5.58643E+02
13	25.1599E+03	21.4120E+03	16.6993E+03	12.4217E+03	8.97795E+02	4.45971E+02
14	23.4220E+03	19.6019E+03	14.9313E+03	10.8163E+03	7.60210E+02	3.56300E+02
15	21.8462E+03	17.9716E+03	13.3662E+03	9.42769E+02	6.4259E+02	2.84863E+02
16	20.4132E+03	16.4995E+03	11.9782E+03	8.2475E+02	5.46425E+02	2.27901E+02
17	19.1065E+03	15.1675E+03	10.7451E+03	7.18134E+02	4.63788E+02	1.82443E+02
18	17.9117E+03	13.9596E+03	9.64800E+02	6.27519E+02	3.93910E+02	1.46137E+02
19	16.8168E+03	12.8623E+03	8.67051E+02	5.48739E+02	3.34788E+02	1.17120E+02
20	15.8111E+03	11.8636E+03	7.79843E+02	4.80176E+02	2.84703E+02	9.3131E+01
21	14.8854E+03	10.9533E+03	7.01947E+02	4.20449E+02	2.4246E+02	7.53406E+01
22	14.0315E+03	10.1222E+03	6.32888E+02	3.68372E+02	2.06232E+02	6.04687E+01
23	13.2425E+03	9.3738E+02	5.69930E+02	3.22929E+02	1.75558E+02	4.85534E+01
24	12.5121E+03	8.6676E+02	5.14053E+02	2.83244E+02	1.49687E+02	3.90020E+01
25	11.8347E+03	8.02913E+02	4.63938E+02	2.48562E+02	1.27613E+02	3.13417E+01
26	11.2057E+03	7.44396E+02	4.18950E+02	2.18231E+02	1.08840E+02	2.51954E+01
27	10.6203E+03	6.90633E+02	3.78533E+02	1.91689E+02	9.28663E+01	2.02615E+01
28	10.0754E+03	6.41186E+02	3.42194E+02	1.68449E+02	7.92675E+01	1.62994E+01
29	9.5685E+02	5.9563E+02	3.09498E+02	1.48088E+02	6.76848E+01	1.31163E+01
30	9.09183E+02	5.53712E+02	2.80059E+02	1.30239E+02	5.71848E+01	1.05582E+01
31	8.64756E+02	5.15018E+02	2.53936E+02	1.14586E+02	4.94007E+01	8.50149E+00
32	8.23153E+02	4.79258E+02	2.29626E+02	1.00850E+02	4.22248E+01	6.84743E+00
33	7.84148E+02	4.46296E+02	2.08057E+02	8.87925E+01	3.61024E+01	5.51673E+00
34	7.47539E+02	4.1781E+02	1.88589E+02	7.82026E+01	3.08770E+01	4.44584E+00
35	7.13141E+02	3.87545E+02	1.71010E+02	6.8979E+01	2.64455E+01	3.58376E+00
36	6.80788E+02	3.61398E+02	1.55126E+02	6.07193E+01	2.26049E+01	2.89957E+00

RECTANGULAR SLAB SOURCE = 20 IN. X 60 IN.

AIR GAP = 7.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	75.1084E+03	75.1084E+03	75.1084E+03	75.1084E+03	75.1084E+03	75.1084E+03
1	66.9040E+03	66.5500E+03	66.0477E+03	65.4174E+03	64.6773E+03	62.9303E+03
2	59.9882E+03	59.2354E+03	58.0651E+03	56.5818E+03	54.8692E+03	51.0121E+03
3	54.0911E+03	52.9427E+03	51.1313E+03	48.8393E+03	46.2960E+03	40.8760E+03
4	49.040E+03	47.4944E+03	45.0761E+03	42.1531E+03	38.9927E+03	32.6118E+03
5	44.6069E+03	42.7469E+03	39.8313E+03	36.4101E+03	32.8341E+03	25.9790E+03
6	40.7537E+03	38.5928E+03	35.2640E+03	31.4844E+03	27.4611E+03	20.6894E+03
7	37.3634E+03	34.9349E+03	31.2825E+03	27.2586E+03	23.3212E+03	16.4813E+03
8	34.3634E+03	31.7011E+03	27.7977E+03	23.6295E+03	19.6799E+03	13.1361E+03
9	31.6952E+03	28.8304E+03	24.7414E+03	20.5084E+03	16.6227E+03	10.4766E+03
10	29.3113E+03	26.2728E+03	22.0544E+03	17.8201E+03	14.0134E+03	8.6121E+02
11	27.1724E+03	23.9865E+03	19.6866E+03	15.5011E+03	11.8918E+03	6.67752E+02
12	25.2460E+03	21.9365E+03	17.5957E+03	13.4975E+03	10.0711E+03	5.33642E+02
13	23.5049E+03	20.0931E+03	15.7456E+03	11.7641E+03	8.53607E+02	4.2644CE+02
14	21.9261E+03	18.4314E+03	14.1058E+03	10.2625E+03	7.24042E+02	3.41460E+02
15	20.4903E+03	16.9298E+03	12.6495E+03	8.93991E+02	6.14576E+02	2.73381E+02
16	19.1898E+03	15.5702E+03	11.3545E+03	7.82875E+02	5.22005E+02	2.18995E+02
17	17.9836E+03	14.3364E+03	10.2013E+03	6.84536E+02	4.43654E+02	1.75320E+02
18	16.8662E+03	13.2149E+03	9.17279E+02	5.98957E+02	3.77285E+02	1.40744E+02
19	15.8781E+03	12.1937E+03	8.25450E+02	5.24413E+02	3.21020E+02	1.12911E+02
20	14.9501E+03	11.2623E+03	7.43362E+02	4.59423E+02	2.73289E+02	9.06225E+01
21	14.0941E+03	10.4115E+03	6.69904E+02	4.02716E+02	2.32770E+02	7.27641E+01
22	13.3030E+03	9.63327E+02	6.04102E+02	3.53199E+02	1.98350E+02	5.84483E+01
23	12.5706E+03	8.92048E+02	5.45102E+02	3.09927E+02	1.69095E+02	4.69670E+01
24	11.8914E+03	8.26681E+02	4.92134E+02	2.72089E+02	1.44215E+02	3.75747E+01
25	11.2604E+03	7.66667E+02	4.44598E+02	2.38980E+02	1.23046E+02	3.03600E+01
26	10.6735E+03	7.11506E+02	4.01852E+02	2.09991E+02	1.05204E+02	2.44231E+01
27	10.1267E+03	6.60753E+02	3.63399E+02	1.84597E+02	89.4740E+01	1.96513E+01
28	9.61655E+02	6.14010E+02	3.28786E+02	1.62337E+02	76.5945E+01	1.58176E+01
29	9.13997E+02	5.70918E+02	2.97607E+02	1.42817E+02	65.4447E+01	1.27552E+01
30	8.69418E+02	5.31159E+02	2.69504E+02	1.25690E+02	55.9359E+01	1.02570E+01
31	8.27670E+02	4.94443E+02	2.44198E+02	1.10695E+02	47.8235E+01	8.26311E+00
32	7.88252E+02	4.60509E+02	2.21287E+02	97.4521E+01	40.8958E+01	6.65860E+00
33	7.51782E+02	4.29122E+02	2.00636E+02	85.8522E+01	34.9866E+01	5.36703E+00
34	7.17254E+02	4.00071E+02	1.81981E+02	75.6567E+01	29.9400E+01	4.32708E+00
35	6.84775E+02	3.73162E+02	1.65120E+02	66.4922E+01	25.4267E+01	3.48492E+00
36	6.54193E+02	3.48220E+02	1.49873E+02	58.8069E+01	21.9405E+01	2.81469E+00

RECTANGULAR SLAB SOURCE = 20IN.X 90IN.

AIR GAP = 0.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	20.0982E+04	20.0982E+04	20.0982E+04	20.0982E+04	20.0982E+04	20.0982E+04
1	17.5304E+04	16.7001E+04	15.9063E+04	15.1524E+04	14.4392E+04	13.1315E+04
2	14.8220E+04	13.8116E+04	12.8217E+04	11.8807E+04	10.9915E+04	94.2167E+03
3	12.6982E+04	11.6469E+04	10.5855E+04	95.7784E+03	86.4415E+03	70.1576E+03
4	11.0260E+04	99.7262E+03	88.8333E+03	78.4429E+03	69.1553E+03	53.2551E+03
5	96.8171E+03	86.3818E+03	75.4104E+03	65.1527E+03	55.9638E+03	40.6941E+03
6	85.8047E+03	75.5055E+03	64.5755E+03	54.4989E+03	45.6557E+03	31.6442E+03
7	76.6421E+03	66.4897E+03	55.6811E+03	45.8830E+03	37.4735E+03	24.6218E+03
8	68.9195E+03	58.9161E+03	48.2865E+03	38.8319E+03	30.9066E+03	19.2384E+03
9	62.3389E+03	52.4847E+03	42.0766E+03	33.0084E+03	25.5920E+03	15.0825E+03
10	56.6779E+03	46.9730E+03	36.8184E+03	28.1635E+03	21.2628E+03	11.8973E+03
11	51.7669E+03	42.2122E+03	32.3349E+03	24.1080E+03	17.7176E+03	93.4384E+02
12	47.4747E+03	38.0714E+03	28.4888E+03	20.6956E+03	14.8012E+03	73.7838E+02
13	43.6981E+03	34.4478E+03	25.1720E+03	17.8116E+03	12.9930E+03	58.3698E+02
14	40.3549E+03	31.2594E+03	22.2985E+03	15.3644E+03	10.3977E+03	46.2513E+02
15	37.3789E+03	28.4400E+03	19.7984E+03	13.2806E+03	87.3965E+02	36.7029E+02
16	34.7166E+03	25.9358E+03	17.6152E+03	11.5007E+03	73.5818E+02	24.1649E+02
17	32.3239E+03	23.7026E+03	15.7023E+03	99.7613E+02	62.0444E+02	20.2036E+02
18	30.1643E+03	21.7031E+03	14.0211E+03	87.6892E+02	52.3883E+02	18.4817E+02
19	28.2077E+03	19.9088E+03	12.5394E+03	75.4007E+02	44.2909E+02	14.7361E+02
20	26.4286E+03	18.2918E+03	11.2304E+03	65.6816E+02	37.4887E+02	11.7610E+02
21	24.8057E+03	16.8312E+03	10.0712E+03	57.2827E+02	31.7652E+02	93.9508E+01
22	23.3206E+03	15.5085E+03	90.4248E+02	50.0122E+02	26.9423E+02	75.1141E+01
23	21.9580E+03	14.3079E+03	81.2790E+02	43.7083E+02	22.8727E+02	60.1015E+01
24	20.7044E+03	13.2156E+03	73.1332E+02	38.2346E+02	19.4344E+02	48.1250E+01
25	19.5483E+03	12.2260E+03	65.8654E+02	33.4751E+02	16.5260E+02	38.5518E+01
26	18.4797E+03	11.3109E+03	59.3740E+02	29.3317E+02	14.0634E+02	30.9192E+01
27	17.4900E+03	10.4792E+03	53.5656E+02	25.7203E+02	11.9760E+02	24.8066E+01
28	16.5714E+03	97.1729E+02	48.3623E+02	22.5693E+02	10.2051E+02	19.9140E+01
29	15.7174E+03	90.1813E+02	43.6958E+02	19.8173E+02	87.0134E+01	15.9952E+01
30	14.9220E+03	83.7578E+02	39.5060E+02	17.4114E+02	74.2343E+01	12.8943E+01
31	14.1800E+03	77.8483E+02	35.7404E+02	15.3064E+02	63.3661E+01	10.3353E+01
32	13.4867E+03	72.4054E+02	32.3528E+02	13.4632E+02	54.1166E+01	83.1387E+00
33	12.8380E+03	67.3866E+02	29.3025E+02	11.8490E+02	46.2394E+01	66.9080E+00
34	12.2302E+03	62.7540E+02	26.5938E+02	10.4315E+02	39.5267E+01	53.8691E+00
35	11.6601E+03	58.4737E+02	24.0747E+02	91.8854E+01	33.8031E+01	43.3888E+00
36	11.1245E+03	54.5152E+02	21.8374E+02	80.9715E+01	28.9201E+01	34.9612E+00

RECTANGULAR SLAB SOURCE = 20IN.X 90IN.

AIR GAP = 1.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	17.9568E+04	17.9568E+04	17.9568E+04	17.9568E+04	17.9568E+04	17.9568E+04
1	15.0708E+04	14.5703E+04	14.0641E+04	13.5607E+04	13.0653E+04	12.1106E+04
2	12.8628E+04	12.1808E+04	11.4682E+04	10.7600E+04	10.0734E+04	87.9429E+03
3	11.1043E+04	10.3810E+04	95.6086E+03	87.5042E+03	79.7828E+03	65.8846E+03
4	97.7188E+03	89.6706E+03	80.8518E+03	72.2326E+03	64.1834E+03	50.2013E+03
5	86.5255E+03	78.2432E+03	69.0717E+03	60.2385E+03	52.1481E+03	38.6558E+03
6	77.2351E+03	69.8243E+03	59.4688E+03	50.6173E+03	42.7164E+03	29.9800E+03
7	69.4169E+03	60.9403E+03	51.5218E+03	42.7853E+03	35.1758E+03	23.3736E+03
8	62.7697E+03	54.2621E+03	44.8686E+03	36.3399E+03	29.0973E+03	18.2969E+03
9	57.0557E+03	48.5492E+03	39.2471E+03	30.4906E+03	24.1592E+03	14.3695E+03
10	52.1027E+03	43.6209E+03	34.4607E+03	26.5203E+03	20.1227E+03	11.3156E+03
11	47.7766E+03	39.3383E+03	30.3590E+03	22.7633E+03	16.8066E+03	89.5118E+02
12	43.9720E+03	35.5930E+03	26.8242E+03	19.5903E+03	14.0706E+03	70.6327E+02
13	40.6053E+03	32.2990E+03	23.7631E+03	16.8992E+03	11.8050E+03	55.9584E+02
14	37.6094E+03	29.3872E+03	21.1006E+03	14.6084E+03	99.2295E+02	44.4022E+02
15	34.9298E+03	26.8015E+03	18.7759E+03	12.6521E+03	83.5520E+02	35.2822E+02
16	32.5221E+03	24.4959E+03	16.7392E+03	10.9764E+03	70.4599E+02	28.0713E+02
17	30.3494E+03	22.4325E+03	14.9491E+03	95.3742E+02	59.5026E+02	22.3602E+02
18	28.3812E+03	20.5794E+03	13.3715E+03	82.9878E+02	50.3136E+02	17.8302E+02
19	26.5917E+03	18.9103E+03	11.9774E+03	72.3032E+02	42.5935E+02	14.2319E+02
20	24.9594E+03	17.4024E+03	10.7479E+03	63.0688E+02	36.0969E+02	11.3702E+02
21	23.4659E+03	16.0368E+03	96.4714E+02	55.0736E+02	30.6216E+02	90.9170E+01
22	22.0955E+03	14.7972E+03	86.7280E+02	48.1402E+02	26.0007E+02	72.7554E+01
23	20.8349E+03	13.6693E+03	78.0486E+02	42.1186E+02	22.0960E+02	58.2660E+01
24	19.6724E+03	12.6412E+03	70.3045E+02	36.8820E+02	18.7923E+02	46.4930E+01
25	18.5979E+03	11.7022E+03	63.3845E+02	32.3222E+02	15.9944E+02	37.4387E+01
26	17.6026E+03	10.8431E+03	57.1924E+02	28.1672E+02	13.6229E+02	30.0451E+01
27	16.7790E+03	10.0560E+03	51.6446E+02	24.8783E+02	11.6103E+02	24.1223E+01
28	15.8202E+03	9.3368E+02	46.6681E+02	21.8480E+02	99.0094E+01	19.3778E+01
29	15.0204E+03	8.6693E+02	42.1993E+02	19.1984E+02	84.4807E+01	15.5745E+01
30	14.2742E+03	8.05923E+02	38.1822E+02	16.8798E+02	72.1224E+01	12.5238E+01
31	13.5771E+03	7.46767E+02	34.5678E+02	14.8491E+02	61.4030E+01	10.0754E+01
32	12.9247E+03	6.97788E+02	31.3129E+02	13.0694E+02	52.6129E+01	81.0929E+00
33	12.3125E+03	6.49894E+02	28.3792E+02	11.5083E+02	45.1062E+01	65.2960E+00
34	11.7401E+03	6.05637E+02	25.7330E+02	10.1383E+02	38.4937E+01	52.5976E+00
35	11.2015E+03	5.64702E+02	23.3444E+02	89.3520E+01	32.9369E+01	42.3851E+00
36	10.6950E+03	5.26808E+02	21.1868E+02	78.7801E+01	28.1930E+01	34.1681E+00

RECTANGULAR SLAB SOURCE = 20IN.X 90IN.

AIR GAP = 2.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	15.3149E+04	15.3149E+04	15.3149E+04	15.3149E+04	15.3149E+04	15.3149E+04
1	13.0214E+04	12.6982E+04	12.3561E+04	12.0037E+04	11.6465E+04	10.9356E+04
2	11.2571E+04	10.7765E+04	10.2458E+04	96.9804E+03	91.9205E+03	81.0368E+03
3	90.5735E+03	92.8649E+03	86.3818E+03	79.7522E+03	73.2832E+03	61.3421E+03
4	87.2012E+03	80.9150E+03	73.6639E+03	66.3576E+03	59.3937E+03	47.0407E+03
5	77.7914E+03	71.1120E+03	63.3544E+03	55.6811E+03	48.5460E+03	36.3866E+03
6	60.8909E+03	62.9323E+03	54.8534E+03	47.0257E+03	39.9312E+03	28.3195E+03
7	63.1774E+03	56.0184E+03	47.7534E+03	39.9223E+03	33.0084E+03	22.1438E+03
8	57.4139E+03	50.1123E+03	41.7637E+03	34.0372E+03	27.3960E+03	17.3777E+03
9	52.4219E+03	45.0223E+03	36.6692E+03	29.1250E+03	22.8145E+03	13.6782E+03
10	48.0642E+03	40.6023E+03	32.3062E+03	24.9996E+03	19.0939E+03	10.7932E+03
11	44.2335E+03	36.7386E+03	28.5479E+03	21.5170E+03	15.9526E+03	89.3477E+02
12	40.8449E+03	33.3415E+03	25.2938E+03	18.5641E+03	13.3056E+03	67.6144E+02
13	37.6304E+03	30.3391E+03	22.4638E+03	16.0506E+03	11.2534E+03	52.6593E+02
14	35.1349E+03	27.6732E+03	19.9928E+03	13.9040E+03	94.7723E+02	42.6370E+02
15	32.7132E+03	25.2961E+03	17.8276E+03	12.0651E+03	79.9306E+02	32.9271E+02
16	30.5282E+03	23.1687E+03	15.9244E+03	10.4858E+03	67.5219E+02	27.0206E+02
17	28.5490E+03	21.2591E+03	14.2468E+03	91.2606E+02	57.1072E+02	21.5962E+02
18	26.7497E+03	19.5369E+03	12.7642E+03	79.5290E+02	48.3557E+02	17.2050E+02
19	25.1086E+03	17.9819E+03	11.4509E+03	69.3673E+02	40.9003E+02	13.7511E+02
20	23.6071E+03	16.5734E+03	10.2850E+03	60.6044E+02	34.7795E+02	10.9974E+02
21	22.2295E+03	15.2947E+03	92.4812E+02	52.9861E+02	29.5376E+02	88.0205E+01
22	20.9522E+03	14.1311E+03	83.2422E+02	46.3682E+02	25.1070E+02	70.5021E+01
23	19.7936E+03	13.0702E+03	74.9970E+02	40.6114E+02	21.3577E+02	56.5092E+01
24	18.7134E+03	12.1012E+03	67.6275E+02	35.5975E+02	18.1016E+02	45.5259E+01
25	17.7129E+03	11.2145E+03	61.0318E+02	31.2256E+02	15.4804E+02	36.3732E+01
26	16.7844E+03	10.4020E+03	55.1212E+02	27.4094E+02	13.2025E+02	29.2074E+01
27	15.9211E+03	9.65620E+02	49.8181E+02	24.0750E+02	11.2607E+02	23.4661E+01
28	15.1171E+03	8.97080E+02	45.0550E+02	21.1590E+02	96.6992E+01	18.8631E+01
29	14.3669E+03	83.4007E+02	40.7726E+02	18.6066E+02	82.0545E+01	15.1703E+01
30	13.6660E+03	77.5897E+02	36.9186E+02	16.3708E+02	70.0972E+01	12.2061E+01
31	13.0102E+03	72.2259E+02	33.4473E+02	14.4108E+02	59.9104E+01	98.2534E+00
32	12.3957E+03	67.2812E+02	30.3180E+02	12.6914E+02	51.2266E+01	79.1228E+00
33	11.8192E+03	62.7078E+02	27.4949E+02	11.1821E+02	43.8199E+01	63.7424E+00
34	11.2776E+03	58.4767E+02	24.9462E+02	98.5643E+01	37.4590E+01	51.3713E+00
35	10.7682E+03	54.5595E+02	22.6436E+02	86.9137E+01	32.1020E+01	41.4163E+00
36	10.2887E+03	50.9297E+02	20.5620E+02	76.6691E+01	27.4918E+01	33.4020E+00

RECTANGULAR SLAB SOURCE = 20IN.X 50IN.

AIR GAP = 3.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	13.1723E+04	13.1723E+04	13.1723E+04	13.1723E+04	13.1723E+04	13.1723E+04
1	11.3633E+04	11.1443E+04	10.9031E+04	10.6469E+04	10.3810E+04	98.3537E+03
2	99.3738E+03	95.8753E+03	91.8155E+03	87.4843E+03	83.0631E+03	76.3427E+03
3	87.8955E+03	83.4622E+03	78.2443E+03	72.7421E+03	67.2574E+03	56.9082E+03
4	78.3131E+03	73.3132E+03	67.2711E+03	61.9144E+03	54.9393E+03	45.9615E+03
5	70.3324E+03	64.8643E+03	58.2381E+03	51.5218E+03	45.1747E+03	34.1857E+03
6	63.5599E+03	57.7330E+03	50.7021E+03	43.7395E+03	37.3382E+03	26.7167E+03
7	57.7509E+03	51.6469E+03	44.3483E+03	37.2964E+03	30.9906E+03	20.9611E+03
8	52.7230E+03	46.4049E+03	38.9469E+03	31.9204E+03	25.8115E+03	16.4972E+03
9	48.3363E+03	41.8545E+03	34.3214E+03	27.4661E+03	21.5614E+03	13.0179E+03
10	44.4817E+03	37.6777E+03	30.3368E+03	23.3951E+03	18.0568E+03	10.2951E+03
11	41.0731E+03	34.3813E+03	26.8864E+03	20.3633E+03	15.1554E+03	81.5738E+02
12	38.0414E+03	31.2912E+03	23.8891E+03	17.6118E+03	12.7451E+03	64.7475E+02
13	35.3311E+03	28.5472E+03	21.2639E+03	15.2612E+03	10.7348E+03	51.4617E+02
14	32.8955E+03	26.1003E+03	18.9666E+03	13.2471E+03	90.5913E+02	40.9589E+02
15	30.7001E+03	23.9101E+03	16.9466E+03	11.5166E+03	76.5436E+02	32.6387E+02
16	28.7108E+03	21.9427E+03	15.1655E+03	10.0262E+03	64.7570E+02	26.0369E+02
17	26.9024E+03	20.1701E+03	13.5909E+03	87.3991E+02	54.8492E+02	20.7912E+02
18	25.2531E+03	18.5684E+03	12.1957E+03	76.2754E+02	46.5067E+02	16.6175E+02
19	23.7441E+03	17.1173E+03	10.9568E+03	66.6388E+02	39.4722E+02	13.2929E+02
20	22.3597E+03	15.7995E+03	98.5491E+02	58.2772E+02	33.5318E+02	10.6418E+02
21	21.0861E+03	14.6003E+03	88.7211E+02	51.0112E+02	28.5092E+02	85.2568E+01
22	19.9117E+03	13.5066E+03	79.9511E+02	44.6888E+02	24.2577E+02	68.3499E+01
23	18.8262E+03	12.5074E+03	72.1105E+02	39.1805E+02	20.6592E+02	54.6308E+01
24	17.8208E+03	11.5930E+03	65.0912E+02	34.7632E+02	17.5994E+02	44.1202E+01
25	16.8977E+03	10.7549E+03	58.7993E+02	30.1813E+02	15.0022E+02	35.3479E+01
26	16.0200E+03	9.98543E+02	53.1527E+02	26.5151E+02	12.8008E+02	28.4045E+01
27	15.2119E+03	9.27815E+02	48.0798E+02	23.3081E+02	10.9264E+02	22.3365E+01
28	14.4580E+03	8.62717E+02	43.5177E+02	20.5003E+02	93.3121E+01	18.3685E+01
29	13.7535E+03	8.02730E+02	39.4112E+02	18.0401E+02	79.7282E+01	14.7816E+01
30	13.0744E+03	7.47391E+02	35.7115E+02	15.8829E+02	68.1531E+01	11.9004E+01
31	12.4766E+03	6.96287E+02	32.3757E+02	13.9902E+02	58.2839E+01	95.6457E+00
32	11.8971E+03	6.49048E+02	29.3656E+02	12.3284E+02	49.6644E+01	77.2244E+00
33	11.3526E+03	6.05342E+02	26.6475E+02	10.8685E+02	42.6778E+01	62.2442E+00
34	10.8406E+03	5.64869E+02	24.1914E+02	95.8517E+01	36.5404E+01	50.1877E+00
35	10.3585E+03	5.27360E+02	21.9708E+02	84.5653E+01	31.2967E+01	40.8055E+00
36	9.90403E+02	4.92570E+02	19.9617E+02	74.6343E+01	26.8145E+01	32.6615E+00

RECTANGULAR SLAB SOURCE = 20IN.X 90IN.

AIR GAP = 4.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	11.4615E+04	11.4615E+04	11.4615E+04	11.4615E+04	11.4615E+04	11.4615E+04
1	10.0111E+04	98.5735E+03	96.0171E+03	94.8992E+03	92.8649E+03	88.5813E+03
2	88.4189E+03	85.0047E+03	82.0317E+03	79.1447E+03	75.5055E+03	68.1622E+03
3	78.7938E+03	75.3763E+03	71.1202E+03	66.4897E+03	61.792CE+03	52.7496E+03
4	70.7408E+03	66.7006E+03	61.6091E+03	56.2040E+03	50.8660E+03	41.0548E+03
5	63.9145E+03	59.3006E+03	53.6711E+03	47.7534E+03	42.0766E+03	32.1033E+03
6	58.0546E+03	53.1344E+03	46.9730E+03	40.7475E+03	34.9473E+03	25.1992E+03
7	53.0045E+03	47.7546E+03	41.2738E+03	34.8961E+03	29.1250E+03	19.8417E+03
8	48.5917E+03	43.0842E+03	36.3905E+03	29.9785E+03	24.3433E+03	15.6639E+03
9	44.7156E+03	39.0018E+03	32.1812E+03	25.8240E+03	20.3976E+03	12.3930E+03
10	41.2888E+03	35.4116E+03	28.5342E+03	22.2985E+03	17.1290E+03	98.2379E+02
11	38.2417E+03	32.2363E+03	25.3600E+03	19.2949E+03	14.4119E+03	78.0015E+02
12	35.5179E+03	29.4195E+03	22.5863E+03	16.7275E+03	12.1466E+03	62.0248E+02
13	33.0716E+03	26.9051E+03	20.1541E+03	14.5262E+03	10.2532E+03	49.3833E+02
14	30.8648E+03	24.6339E+03	18.0144E+03	12.6339E+03	86.6692E+02	39.3600E+02
15	28.8661E+03	22.6311E+03	16.1268E+03	11.0033E+03	73.3528E+02	31.4262E+02
16	27.0494E+03	20.8081E+03	14.4573E+03	95.9522E+02	62.1534E+02	25.0952E+02
17	25.3925E+03	19.1603E+03	12.9773E+03	83.7695E+02	52.7191E+02	20.0640E+02
18	23.8766E+03	17.6671E+03	11.6626E+03	73.2107E+02	44.7599E+02	15.0548E+02
19	22.4858E+03	16.3107E+03	10.4924E+03	64.0449E+02	38.0360E+02	12.8566E+02
20	21.2064E+03	15.0759E+03	9.4905E+02	56.0767E+02	32.3486E+02	10.3029E+02
21	20.0266E+03	13.9466E+03	85.1730E+02	49.1405E+02	27.5226E+02	82.6193E+01
22	18.9361E+03	12.9236E+03	76.8399E+02	43.0952E+02	23.4500E+02	66.2941E+01
23	17.9260E+03	11.9781E+03	69.3772E+02	37.8206E+02	19.9860E+02	53.2259E+01
24	16.9885E+03	11.1142E+03	62.6855E+02	33.2136E+02	17.0441E+02	42.7573E+01
25	16.1167E+03	10.3210E+03	56.6784E+02	29.1859E+02	14.5437E+02	34.3656E+01
26	15.3048E+03	95.9172E+02	51.2800E+02	25.8815E+02	12.4167E+02	27.6345E+01
27	14.5473E+03	89.2032E+02	46.4239E+02	22.5750E+02	10.6063E+02	22.2322E+01
28	13.8394E+03	83.0149E+02	42.0915E+02	19.8699E+02	90.8402E+01	17.8939E+01
29	13.1769E+03	77.3049E+02	38.1125E+02	17.4973E+02	77.4956E+01	14.4082E+01
30	12.5582E+03	72.0308E+02	34.5575E+02	15.4150E+02	66.2854E+01	11.6061E+01
31	11.9738E+03	67.1546E+02	31.3501E+02	13.5844E+02	56.7197E+01	93.5262E+00
32	11.4266E+03	62.6421E+02	28.4532E+02	11.9795E+02	48.5530E+01	75.3940E+00
33	10.9120E+03	58.4627E+02	25.8349E+02	10.5667E+02	41.5772E+01	60.7583E+00
34	10.4274E+03	54.5869E+02	23.6671E+02	93.2397E+01	35.6140E+01	49.0447E+00
35	99.7060E+02	50.9947E+02	21.3245E+02	82.3022E+01	30.5194E+01	39.5760E+00
36	95.3962E+02	47.6585E+02	19.3846E+02	72.6717E+01	26.1604E+01	31.9432E+00

RECTANGULAR SLAB SOURCE = 20IN.X 90IN.

AIR GAP = 5.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	10.0775E+04	10.0775E+04	10.0775E+04	10.0775E+04	10.0775E+04	10.0775E+04
1	88.9450E+03	87.8335E+03	86.5225E+03	85.0525E+03	83.4622E+03	80.0360E+03
2	79.2289E+03	77.2331E+03	74.7078E+03	71.8576E+03	68.8243E+03	62.5722E+03
3	71.1120E+03	68.3956E+03	64.8643E+03	60.9403E+03	56.8815E+03	48.9244E+03
4	64.2388E+03	60.9292E+03	56.5957E+03	51.8903E+03	47.1702E+03	38.3569E+03
5	58.3531E+03	54.5917E+03	49.5936E+03	44.3488E+03	39.2471E+03	30.1603E+03
6	53.2647E+03	49.0543E+03	43.6209E+03	38.0286E+03	32.7930E+03	23.7789E+03
7	48.8290E+03	44.2783E+03	38.4935E+03	32.7042E+03	27.4061E+03	18.7916E+03
8	44.9340E+03	40.1009E+03	34.0672E+03	28.1977E+03	22.9859E+03	14.8808E+03
9	41.4912E+03	36.4252E+03	30.2273E+03	24.3676E+03	19.3185E+03	11.8050E+03
10	38.4304E+03	33.1741E+03	26.8815E+03	21.1006E+03	16.2662E+03	93.7971E+02
11	35.6947E+03	30.2849E+03	23.9552E+03	18.3049E+03	13.7188E+03	74.6317E+02
12	33.2379E+03	27.7065E+03	21.3868E+03	15.9055E+03	11.5074E+03	59.4571E+02
13	31.0217E+03	25.3967E+03	19.1256E+03	13.8411E+03	98.0023E+02	47.4218E+02
14	29.0147E+03	23.3206E+03	17.1294E+03	12.0608E+03	82.9878E+02	37.8617E+02
15	27.1903E+03	21.4486E+03	15.3626E+03	10.5224E+03	70.3515E+02	30.2575E+02
16	25.5265E+03	19.7559E+03	13.7955E+03	91.9645E+02	59.8998E+02	24.2015E+02
17	24.0065E+03	18.2213E+03	12.4025E+03	80.3533E+02	50.7078E+02	19.3731E+02
18	22.6077E+03	16.8240E+03	11.1620E+03	70.3222E+02	43.1072E+02	15.5195E+02
19	21.3229E+03	15.5570E+03	10.0554E+03	61.5935E+02	36.6750E+02	12.4411E+02
20	20.1380E+03	14.3983E+03	90.6671E+02	53.9932E+02	31.2256E+02	99.7973E+01
21	19.0428E+03	13.3391E+03	81.8209E+02	47.3661E+02	26.6040E+02	80.1015E+01
22	18.0284E+03	12.3692E+03	73.8953E+02	41.3813E+02	22.4810E+02	64.3294E+01
23	17.0868E+03	11.4796E+03	66.7859E+02	36.5266E+02	19.3480E+02	51.6905E+01
24	16.2112E+03	10.6626E+03	60.4014E+02	32.1058E+02	16.5139E+02	41.5557E+01
25	15.3956E+03	99.1118E+02	54.6618E+02	28.2360E+02	14.1074E+02	33.4239E+01
26	14.6347E+03	92.1925E+02	49.4970E+02	24.8459E+02	12.0490E+02	26.8956E+01
27	13.9235E+03	85.1133E+02	44.8452E+02	21.8736E+02	10.2994E+02	21.6516E+01
28	13.2581E+03	79.4257E+02	40.4518E+02	19.2660E+02	88.0765E+01	17.4372E+01
29	12.6344E+03	74.0622E+02	36.8689E+02	16.9768E+02	75.3511E+01	14.0486E+01
30	12.0492E+03	69.4558E+02	33.4535E+02	14.9659E+02	64.4895E+01	11.3227E+01
31	11.4944E+03	64.7997E+02	30.3880E+02	13.1983E+02	55.2162E+01	91.2897E+00
32	10.9823E+03	60.4863E+02	27.5786E+02	11.6459E+02	47.2896E+01	73.6278E+00
33	10.4953E+03	56.4671E+02	25.0594E+02	10.2743E+02	40.5160E+01	59.4022E+00
34	10.0363E+03	52.7765E+02	22.7716E+02	90.7231E+01	34.7237E+01	47.9401E+00
35	96.0310E+02	49.3312E+02	20.7034E+02	80.1200E+01	29.7687E+01	38.7013E+00
36	91.9398E+02	46.1300E+02	18.8295E+02	70.7778E+01	25.5282E+01	31.2520E+00

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 20IN.X 90IN.

AIR GAP = 0.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	89.4065E+03	89.4065E+03	89.4065E+03	89.4065E+03	89.4065E+03	89.4065E+03
1	79.6130E+03	78.7938E+03	77.7914E+03	76.6421E+03	75.3763E+03	72.5920E+03
2	71.4423E+03	69.8909E+03	67.8496E+03	65.4891E+03	62.9323E+03	57.5597E+03
3	64.5297E+03	62.3389E+03	59.3806E+03	56.0184E+03	52.4847E+03	45.4389E+03
4	58.6146E+03	55.8704E+03	52.1490E+03	48.0246E+03	43.8275E+03	35.8745E+03
5	53.5019E+03	50.2031E+03	45.9469E+03	41.2738E+03	36.6692E+03	28.3617E+03
6	49.0469E+03	45.4211E+03	40.6023E+03	35.5575E+03	30.7425E+03	22.4577E+03
7	45.1358E+03	41.1630E+03	35.9751E+03	30.7016E+03	25.8240E+03	17.8116E+03
8	41.6794E+03	37.4122E+03	31.9519E+03	26.5632E+03	21.7317E+03	14.1400E+03
9	38.6068E+03	34.0913E+03	28.4400E+03	23.0236E+03	18.3181E+03	11.2534E+03
10	35.8608E+03	31.1376E+03	25.3635E+03	19.9928E+03	15.4639E+03	9.6232E+02
11	33.3948E+03	28.4997E+03	22.6598E+03	17.3861E+03	13.0723E+03	7.1458E+02
12	31.1704E+03	26.1349E+03	20.2768E+03	15.1404E+03	11.0644E+03	5.7035E+02
13	29.1559E+03	24.0080E+03	18.1708E+03	13.2016E+03	9.7563E+02	4.9560E+02
14	27.3249E+03	22.0090E+03	16.3053E+03	11.5245E+03	7.95290E+02	3.6349E+02
15	25.6548E+03	20.3529E+03	14.6491E+03	10.0712E+03	6.75259E+02	2.91599E+02
16	24.1269E+03	18.7783E+03	13.1759E+03	8.80976E+02	5.73345E+02	2.33934E+02
17	22.7250E+03	17.3467E+03	11.8631E+03	7.71334E+02	4.80646E+02	1.9166E+02
18	21.4353E+03	16.0424E+03	10.6912E+03	6.75903E+02	4.15421E+02	1.6102E+02
19	20.2498E+03	14.8518E+03	9.64357E+02	5.92738E+02	3.58393E+02	1.20492E+02
20	19.1463E+03	13.7630E+03	8.70571E+02	5.20181E+02	3.01584E+02	9.67149E+01
21	18.1278E+03	12.7655E+03	7.86502E+02	4.56812E+02	2.57203E+02	7.76070E+01
22	17.1824E+03	11.8504E+03	7.1054E+02	4.01414E+02	2.19475E+02	6.26509E+01
23	16.3033E+03	11.0097E+03	6.4269E+02	3.52940E+02	1.87389E+02	5.2207E+01
24	15.4843E+03	10.2362E+03	5.82305E+02	3.10490E+02	1.60078E+02	4.04041E+01
25	14.7201E+03	9.52344E+02	5.27425E+02	2.73287E+02	1.36805E+02	3.2505E+01
26	14.0099E+03	8.86655E+02	4.77975E+02	2.40555E+02	1.16967E+02	2.61680E+01
27	13.3375E+03	8.25992E+02	4.33388E+02	2.12021E+02	1.00503E+02	2.10526E+01
28	12.7111E+03	7.69950E+02	3.93149E+02	1.86872E+02	85.6144E+01	1.65979E+01
29	12.1233E+03	7.18072E+02	3.56808E+02	1.64773E+02	73.2694E+01	1.37024E+01
30	11.5710E+03	6.70059E+02	3.23967E+02	1.45344E+02	62.7613E+01	1.10496E+01
31	11.0515E+03	6.25568E+02	2.94269E+02	1.28252E+02	53.7639E+01	8.91326E+00
32	10.5622E+03	5.84310E+02	2.67396E+02	1.13210E+02	46.0715E+01	7.19226E+00
33	10.1010E+03	5.46019E+02	2.43070E+02	9.9648E+01	39.4920E+01	5.80531E+00
34	9.6574E+02	5.10458E+02	2.21034E+02	8.82971E+01	33.8821E+01	4.68179E+00
35	9.2346E+02	4.77410E+02	2.01062E+02	7.80146E+01	29.0431E+01	3.78548E+00
36	8.82592E+02	4.46677E+02	1.82954E+02	6.89493E+01	24.9166E+01	3.09806E+00

RECTANGULAR SLAB SOURCE = 20IN.X 90IN.

AIR GAP = 7.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	79.9406E+03	79.9406E+03	79.9406E+03	79.9406E+03	79.9406E+03	79.9406E+03
1	71.7277E+03	71.1120E+03	70.3326E+03	69.4189E+03	68.3956E+03	66.1017E+03
2	64.7826E+03	63.5599E+03	61.8873E+03	59.8096E+03	57.7330E+03	53.0764E+03
3	58.8449E+03	57.0557E+03	54.5517E+03	51.6469E+03	48.5422E+03	42.2760E+03
4	53.7142E+03	51.4154E+03	48.1944E+03	44.5566E+03	40.6057E+03	33.5999E+03
5	49.2439E+03	46.4941E+03	42.6776E+03	38.4935E+03	34.3214E+03	26.7013E+03
6	45.3199E+03	42.1740E+03	37.6777E+03	33.7090E+03	29.9007E+03	21.2326E+03
7	41.8524E+03	38.3617E+03	33.6887E+03	28.8696E+03	24.3676E+03	16.8992E+03
8	38.7701E+03	34.9613E+03	30.0215E+03	25.0610E+03	20.5723E+03	13.4635E+03
9	36.0155E+03	31.9709E+03	26.8015E+03	21.7870E+03	17.3899E+03	10.7366E+03
10	33.5417E+03	29.2792E+03	23.9661E+03	18.9666E+03	14.7171E+03	8.7046E+02
11	31.3104E+03	26.8640E+03	21.4629E+03	16.9322E+03	12.4489E+03	6.84730E+02
12	29.2895E+03	24.6097E+03	19.2477E+03	14.4271E+03	10.5749E+03	5.47519E+02
13	27.4526E+03	22.7266E+03	17.2829E+03	12.6037E+03	8.97715E+02	4.3147E+02
14	25.7771E+03	20.9492E+03	15.5367E+03	11.0217E+03	7.62755E+02	3.50800E+02
15	24.2441E+03	19.3360E+03	13.9819E+03	9.64714E+02	6.48614E+02	2.81189E+02
16	22.8375E+03	17.8685E+03	12.5951E+03	8.45123E+02	5.51974E+02	2.25464E+02
17	21.5433E+03	16.5307E+03	11.3562E+03	7.40944E+02	4.70867E+02	1.80924E+02
18	20.3497E+03	15.3089E+03	10.2479E+03	6.50086E+02	4.03798E+02	1.45253E+02
19	19.2463E+03	14.1910E+03	9.25500E+02	5.70740E+02	3.41575E+02	1.16678E+02
20	18.2241E+03	13.1644E+03	8.36444E+02	5.01435E+02	2.91430E+02	9.37118E+01
21	17.2752E+03	12.2261E+03	7.56478E+02	4.40794E+02	2.48783E+02	7.79988E+01
22	16.3928E+03	11.3617E+03	6.84593E+02	3.87704E+02	2.12484E+02	6.6535E+01
23	15.5706E+03	10.5662E+03	6.19910E+02	3.41187E+02	1.81570E+02	5.68127E+01
24	14.8034E+03	9.8311E+02	5.61655E+02	3.00400E+02	1.55223E+02	4.82098E+01
25	14.0864E+03	9.15684E+02	5.09184E+02	2.64612E+02	1.32756E+02	4.16532E+01
26	13.4133E+03	8.53229E+02	4.61773E+02	2.31912E+02	1.13588E+02	3.58040E+01
27	12.7863E+03	7.95493E+02	4.19006E+02	2.05585E+02	9.7228E+01	3.05568E+01
28	12.2069E+03	7.42069E+02	3.80369E+02	1.81319E+02	8.32479E+01	2.6549E+01
29	11.6413E+03	6.92592E+02	3.45440E+02	1.59977E+02	7.13057E+01	2.33086E+01
30	11.1195E+03	6.46733E+02	3.13844E+02	1.41196E+02	6.10948E+01	2.07860E+01
31	10.6281E+03	6.04193E+02	2.85247E+02	1.24662E+02	5.23640E+01	1.870599E+00
32	10.1647E+03	5.64703E+02	2.59349E+02	1.10100E+02	4.48963E+01	1.672750E+00
33	9.72749E+02	5.28019E+02	2.35883E+02	9.72643E+01	3.85032E+01	1.507865E+00
34	9.31444E+02	4.93920E+02	2.14611E+02	8.59571E+01	3.30295E+01	1.359302E+00
35	8.92389E+02	4.62202E+02	1.95319E+02	7.59824E+01	2.83414E+01	1.19050E+00
36	8.55430E+02	4.32682E+02	1.78144E+02	6.71831E+01	2.43248E+01	1.05930E+00

RECTANGULAR SLAB SOURCE = 20 IN. X120 IN.

AIR GAP = 0.0 IN.

$$K = V = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	20.0922E+04	20.0922E+04	20.0922E+04	20.0922E+04	20.0922E+04	20.0922E+04
1	17.5331E+04	14.7010E+04	15.9066E+04	15.1525E+04	14.4393E+04	13.1315E+04
2	14.6463E+04	13.6195E+04	12.8242E+04	11.8815E+04	10.9994E+04	94.2170E+03
3	12.7534E+04	11.6646E+04	10.5912E+04	99.7940E+03	86.4440E+03	70.1580E+03
4	11.1095E+04	99.9940E+03	88.9131E+03	78.5657E+03	69.1617E+03	53.2556E+03
5	97.8819E+03	86.7280E+03	75.5124E+03	65.1814E+03	55.9717E+03	40.8947E+03
6	87.0501E+03	75.9145E+03	64.6954E+03	54.5323E+03	45.6647E+03	31.6448E+03
7	78.0284E+03	66.9490E+03	55.8152E+03	45.9199E+03	37.4834E+03	24.6225E+03
8	70.4154E+03	59.4152E+03	48.4315E+03	38.8715E+03	30.9170E+03	19.2391E+03
9	63.9201E+03	53.0151E+03	42.2299E+03	33.0580E+03	25.6029E+03	15.0832E+03
10	58.3251E+03	47.5277E+03	36.9779E+03	28.2063E+03	21.2740E+03	11.8580E+03
11	53.4648E+03	42.7854E+03	32.4907E+03	24.1516E+03	17.7288E+03	93.4455E+02
12	49.2109E+03	38.6582E+03	28.6555E+03	20.7397E+03	14.8124E+03	73.7907E+02
13	45.4624E+03	35.0448E+03	25.2403E+03	17.8556E+03	12.4041E+03	56.3745E+02
14	42.1388E+03	31.8618E+03	22.4671E+03	15.4081E+03	10.4086E+03	44.2577E+02
15	39.1755E+03	29.0448E+03	19.9455E+03	13.3238E+03	87.5032E+02	34.7091E+02
16	36.5197E+03	26.5402E+03	17.7819E+03	11.5431E+03	73.6855E+02	29.1707E+02
17	34.1283E+03	24.3056E+03	15.8649E+03	10.0176E+03	62.1444E+02	23.2091E+02
18	31.9657E+03	22.3028E+03	14.1831E+03	87.0724E+02	52.4847E+02	18.4869E+02
19	30.0023E+03	20.5029E+03	12.6982E+03	75.7918E+02	44.3833E+02	14.7409E+02
20	28.2131E+03	18.8779E+03	11.3855E+03	66.0593E+02	37.5768E+02	11.7655E+02
21	26.5772E+03	17.4085E+03	10.2225E+03	57.6444E+02	31.8490E+02	93.9925E+01
22	25.0767E+03	16.0767E+03	91.8957E+02	50.3613E+02	27.0217E+02	75.1526E+01
23	23.6944E+03	14.8655E+03	82.7054E+02	44.0424E+02	22.9476E+02	60.1349E+01
24	22.4233E+03	13.7620E+03	74.5134E+02	38.5555E+02	19.5949E+02	48.1573E+01
25	21.2461E+03	12.7545E+03	67.1990E+02	33.7788E+02	16.5923E+02	38.5913E+01
26	20.1557E+03	11.8329E+03	60.6581E+02	29.6201E+02	14.1254E+02	30.9460E+01
27	19.1411E+03	10.9883E+03	54.8006E+02	25.9936E+02	12.0329E+02	24.8309E+01
28	18.1934E+03	10.2131E+03	49.5482E+02	22.8278E+02	10.2590E+02	19.9368E+01
29	17.3108E+03	95.0048E+02	44.8325E+02	20.0612E+02	87.5140E+01	16.0158E+01
30	16.4972E+03	88.4444E+02	40.5938E+02	17.5412E+02	74.8981E+01	12.8721E+01
31	15.7283E+03	82.3946E+02	36.7799E+02	15.3225E+02	63.7950E+01	10.3512E+01
32	15.0077E+03	76.8154E+02	33.3447E+02	13.4685E+02	54.8123E+01	83.7882E+00
33	14.3314E+03	71.6581E+02	30.2474E+02	12.0379E+02	46.6058E+01	67.0339E+00
34	13.6957E+03	66.8874E+02	27.4335E+02	10.6092E+02	39.8416E+01	53.4307E+00
35	13.0974E+03	62.4700E+02	24.9300E+02	93.5445E+01	34.1103E+01	43.4876E+00
36	12.5336E+03	58.3757E+02	22.6494E+02	82.5187E+01	29.2014E+01	35.0484E+00

RECTANGULAR SLAB SOURCE = 20 IN. X120 IN.

AIR GAP = 1.0 IN.

$$K = V = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	17.9613E+04	17.9613E+04	17.9613E+04	17.9613E+04	17.9613E+04	17.9613E+04
1	15.1028E+04	14.5887E+04	14.0745E+04	13.5665E+04	13.0686E+04	12.1118E+04
2	12.9289E+04	12.2123E+04	11.4827E+04	10.7664E+04	10.0733E+04	87.9400E+03
3	11.2394E+04	10.4227E+04	95.7801E+03	87.5724E+03	79.8096E+03	65.8586E+03
4	98.8989E+03	90.1623E+03	81.0412E+03	72.3626E+03	64.2007E+03	50.2044E+03
5	87.8765E+03	78.7925E+03	69.2734E+03	60.3092E+03	52.1923E+03	38.4504E+03
6	78.7197E+03	69.4148E+03	59.6708E+03	50.4860E+03	42.7399E+03	29.8236E+03
7	71.0072E+03	61.5624E+03	51.7370E+03	42.8555E+03	35.1981E+03	23.3758E+03
8	64.4358E+03	54.9074E+03	45.2870E+03	36.4093E+03	29.1186E+03	18.2909E+03
9	58.7810E+03	49.2114E+03	39.4667E+03	31.0588E+03	24.1796E+03	14.3713E+03
10	53.8728E+03	44.2943E+03	34.6803E+03	26.5872E+03	20.1424E+03	11.3172E+03
11	49.5796E+03	40.0190E+03	30.5774E+03	22.8285E+03	16.8254E+03	89.3266E+02
12	45.7982E+03	36.2277E+03	27.0404E+03	19.6538E+03	14.8889E+03	70.4443E+02
13	42.4470E+03	32.9826E+03	23.9763E+03	16.9608E+03	11.8221E+03	55.9709E+02
14	39.4598E+03	30.0498E+03	21.3102E+03	14.6480E+03	99.3923E+02	44.1378E+02
15	36.7834E+03	27.4795E+03	18.9812E+03	12.7095E+03	83.7065E+02	35.2927E+02
16	34.3740E+03	25.1678E+03	16.9590E+03	11.0317E+03	70.6861E+02	28.8009E+02
17	32.1913E+03	23.0962E+03	15.1444E+03	99.9049E+02	59.6409E+02	22.3490E+02
18	30.2179E+03	21.2338E+03	13.5615E+03	83.4960E+02	50.4499E+02	17.8383E+02
19	28.4168E+03	19.5506E+03	12.1618E+03	72.7688E+02	42.7161E+02	14.2993E+02
20	26.7686E+03	18.0545E+03	10.8214E+03	63.5177E+02	36.2126E+02	11.3789E+02
21	25.2578E+03	16.7464E+03	96.1962E+02	55.5139E+02	30.7295E+02	90.9778E+01
22	23.8680E+03	15.4035E+03	86.3914E+02	48.5983E+02	26.1014E+02	72.8101E+01
23	22.5863E+03	14.2617E+03	79.6500E+02	42.5148E+02	22.1896E+02	58.5143E+01
24	21.4011E+03	13.2192E+03	71.8437E+02	37.2567E+02	18.8798E+02	46.7374E+01
25	20.3027E+03	12.2659E+03	64.8615E+02	32.6740E+02	16.0755E+02	37.4434E+01
26	19.2825E+03	11.3913E+03	58.6076E+02	28.6866E+02	13.6900E+02	30.8080E+01
27	18.3330E+03	10.5889E+03	52.9964E+02	25.1919E+02	11.6797E+02	24.1543E+01
28	17.4475E+03	98.5120E+02	47.9618E+02	22.1426E+02	99.6506E+01	19.4062E+01
29	16.6204E+03	91.7195E+02	43.4334E+02	19.4747E+02	85.8715E+01	15.5998E+01
30	15.8444E+03	85.4574E+02	39.3585E+02	17.1385E+02	72.6658E+01	12.5463E+01
31	15.1210E+03	79.6770E+02	35.6874E+02	15.0910E+02	62.1019E+01	10.0953E+01
32	14.4401E+03	74.3352E+02	32.3773E+02	13.2951E+02	53.1001E+01	8.12687E+00
33	13.8002E+03	69.3933E+02	29.3899E+02	11.7195E+02	45.4248E+01	65.4510E+00
34	13.1979E+03	64.8168E+02	26.6918E+02	10.3343E+02	38.8760E+01	52.7339E+00
35	12.6303E+03	60.5746E+02	24.2508E+02	91.1745E+01	33.2855E+01	42.5047E+00
36	12.0949E+03	56.6310E+02	22.6470E+02	80.4727E+01	28.5186E+01	34.2729E+00

RECTANGULAR SLAB SOURCE = 20 IN. X120 IN.

AIR GAP = 2.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	15.3568E+04	15.3568E+04	15.3568E+04	15.3568E+04	15.3568E+04	15.3568E+04
1	13.1004E+04	12.7334E+04	12.3942E+04	12.0297E+04	11.6646E+04	10.9438E+04
2	11.3655E+04	10.8401E+04	10.2816E+04	97.1798E+03	91.6295E+03	81.0681E+03
3	99.8782E+03	93.5561E+03	86.7280E+03	79.198E+03	73.3627E+03	61.3593E+03
4	88.6700E+03	81.6446E+03	73.9991E+03	66.5055E+03	59.4573E+03	47.0519E+03
5	79.3829E+03	71.8663E+03	63.6803E+03	55.8152E+03	48.5996E+03	36.3948E+03
6	71.9747E+03	63.7036E+03	55.1706E+03	47.1494E+03	39.9779E+03	28.3258E+03
7	64.9306E+03	56.8003E+03	48.0624E+03	40.0375E+03	33.0500E+03	22.1486E+03
8	59.2191E+03	50.0998E+03	42.0647E+03	34.1453E+03	27.4335E+03	17.3820E+03
9	54.2653E+03	45.8115E+03	36.9622E+03	29.2269E+03	22.8487E+03	13.6819E+03
10	49.9348E+03	41.3895E+03	32.5913E+03	25.0959E+03	19.0852E+03	10.7963E+03
11	46.1224E+03	37.5220E+03	28.8249E+03	21.6082E+03	15.9817E+03	85.3791E+02
12	42.7448E+03	34.1184E+03	25.5627E+03	18.6505E+03	13.4124E+03	67.6389E+02
13	39.7351E+03	31.1076E+03	22.7244E+03	16.1326E+03	11.2782E+03	53.6746E+02
14	37.0392E+03	28.4317E+03	20.2451E+03	13.9816E+03	95.0022E+02	42.6599E+02
15	34.6124E+03	26.0432E+03	18.0718E+03	12.1337E+03	80.1519E+02	33.9439E+02
16	32.4190E+03	23.9031E+03	16.1600E+03	10.5555E+03	67.7199E+02	27.0436E+02
17	30.4279E+03	21.9788E+03	14.4740E+03	91.9201E+02	57.2909E+02	21.5696E+02
18	28.6139E+03	20.2431E+03	12.9829E+03	80.1523E+02	48.5299E+02	17.2209E+02
19	26.9556E+03	18.6728E+03	11.6412E+03	69.9797E+02	41.1471E+02	13.7617E+02
20	25.4349E+03	17.2484E+03	10.4871E+03	61.1594E+02	34.9256E+02	11.0068E+02
21	24.0361E+03	15.9533E+03	94.4189E+02	53.5088E+02	29.4726E+02	88.1051E+01
22	22.7460E+03	14.7725E+03	85.0986E+02	46.8599E+02	25.2316E+02	70.5772E+01
23	21.5533E+03	13.6750E+03	76.7731E+02	41.0734E+02	21.4727E+02	56.5759E+01
24	20.4478E+03	12.6586E+03	69.3250E+02	36.0310E+02	18.2875E+02	45.3821E+01
25	19.4211E+03	11.8045E+03	62.6521E+02	31.6319E+02	15.5858E+02	36.4256E+01
26	18.4694E+03	10.9744E+03	56.6660E+02	27.7897E+02	13.2520E+02	29.2535E+01
27	17.5743E+03	10.2111E+03	51.2893E+02	24.4306E+02	11.3428E+02	23.5071E+01
28	16.7419E+03	9.50824E+02	46.4547E+02	21.4910E+02	9.68512E+01	18.8992E+01
29	15.9629E+03	8.86014E+02	42.3027E+02	18.9162E+02	82.7424E+01	15.2021E+01
30	15.2328E+03	8.26181E+02	38.3815E+02	16.6591E+02	70.7257E+01	12.2340E+01
31	14.5476E+03	7.70860E+02	34.6451E+02	14.6791E+02	60.4338E+01	98.4987E+00
32	13.9035E+03	7.19712E+02	31.4530E+02	12.9407E+02	51.7491E+01	79.3376E+00
33	13.2973E+03	6.72320E+02	28.5693E+02	11.4135E+02	44.2953E+01	63.9302E+00
34	12.7261E+03	6.28589E+02	25.9623E+02	10.0710E+02	37.9310E+01	51.3593E+00
35	12.1872E+03	5.87617E+02	23.6039E+02	88.9013E+01	32.4943E+01	41.5591E+00
36	11.6761E+03	5.49758E+02	21.4687E+02	78.5083E+01	27.8471E+01	33.5263E+00

RECTANGULAR SLAB SOURCE = 20 IN. X120 IN.

AIR GAP = 3.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	13.2662E+04	13.2662E+04	13.2662E+04	13.2662E+04	13.2662E+04	13.2662E+04
1	11.4862E+04	11.2396E+04	10.9761E+04	10.7022E+04	10.4227E+04	98.5852E+03
2	10.0812E+04	96.8338E+03	92.4334E+03	87.8738E+03	83.3028E+03	74.4327E+03
3	89.4249E+03	84.4213E+03	78.7925E+03	73.0423E+03	67.4214E+03	56.9543E+03
4	80.0714E+03	74.2692E+03	67.7708E+03	61.2650E+03	55.6817E+03	43.9094E+03
5	72.1146E+03	65.8145E+03	58.7014E+03	51.7370E+03	45.2710E+03	34.2045E+03
6	65.4021E+03	58.6793E+03	51.1364E+03	43.9291E+03	37.4413E+03	26.7303E+03
7	59.6371E+03	52.8795E+03	44.7589E+03	37.4665E+03	31.0588E+03	20.0712E+03
8	54.6406E+03	47.3241E+03	39.3361E+03	32.0749E+03	25.8707E+03	18.5046E+03
9	50.2751E+03	42.7630E+03	34.6920E+03	27.5477E+03	21.6135E+03	13.0246E+03
10	46.4337E+03	38.7723E+03	30.6904E+03	23.7257E+03	18.1033E+03	10.3007E+03
11	43.0314E+03	35.2609E+03	27.2244E+03	20.4842E+03	15.1671E+03	81.6204E+02
12	40.0006E+03	32.1549E+03	24.2084E+03	17.7242E+03	12.7827E+03	64.7838E+02
13	37.2862E+03	29.3942E+03	21.5733E+03	15.3440E+03	10.7709E+03	51.4937E+02
14	34.8436E+03	26.9279E+03	19.2624E+03	13.3449E+03	9.9015E+02	40.9822E+02
15	32.6357E+03	24.7215E+03	17.2299E+03	11.6006E+03	8.76265E+02	32.6663E+02
16	30.6319E+03	22.7355E+03	15.4364E+03	10.1117E+03	7.50153E+02	26.0591E+02
17	28.8069E+03	20.9439E+03	13.8500E+03	88.1980E+02	55.0854E+02	20.8105E+02
18	27.1378E+03	19.3227E+03	12.4432E+03	77.0224E+02	46.7238E+02	16.6345E+02
19	25.6076E+03	17.8519E+03	11.1931E+03	67.3373E+02	39.0099E+02	13.3978E+02
20	24.2003E+03	16.5143E+03	10.0800E+03	58.9300E+02	33.7127E+02	10.6548E+02
21	22.9023E+03	15.2949E+03	90.8704E+02	51.6294E+02	28.6747E+02	85.3710E+01
22	21.7023E+03	14.1812E+03	81.9988E+02	45.2579E+02	24.4090E+02	68.4901E+01
23	20.5901E+03	13.1619E+03	74.0595E+02	39.7114E+02	20.7934E+02	54.9106E+01
24	19.5570E+03	12.2274E+03	66.9447E+02	34.8710E+02	17.7237E+02	44.0892E+01
25	18.5985E+03	11.3693E+03	60.5604E+02	30.6424E+02	15.1204E+02	35.1154E+01
26	17.6990E+03	10.5801E+03	54.8247E+02	26.9439E+02	12.9052E+02	28.4435E+01
27	16.8613E+03	9.85114E+02	49.6458E+02	23.7067E+02	11.0230E+02	22.8881E+01
28	16.0777E+03	9.18280E+02	45.0209E+02	20.8705E+02	9.41924E+01	18.4138E+01
29	15.3432E+03	8.56382E+02	40.8348E+02	18.3837E+02	8.01396E+01	14.8211E+01
30	14.6537E+03	7.99161E+02	37.0586E+02	16.2015E+02	6.87195E+01	11.9346E+01
31	14.0056E+03	7.46209E+02	33.6493E+02	14.2853E+02	5.94025E+01	9.61435E+00
32	13.3956E+03	6.97157E+02	30.5689E+02	12.6015E+02	5.04545E+01	7.74332E+00
33	12.8208E+03	6.51676E+02	27.7834E+02	11.1210E+02	4.32128E+01	6.24688E+00
34	12.2785E+03	6.09467E+02	25.2630E+02	98.1846E+01	3.70244E+01	5.03825E+00
35	11.7662E+03	5.70263E+02	22.9809E+02	86.7188E+01	31.07340E+01	40.6490E+00
36	11.2819E+03	5.33821E+02	20.9132E+02	76.6203E+01	27.2092E+01	32.8072E+00

RECTANGULAR SLAB SOURCE = 20 IN. X120 IN.

AIR GAP = 4.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CH.)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	11.6004E+04	11.6004E+04	11.6004E+04	11.6004E+04	11.6004E+04	11.6004E+04
1	10.1691E+04	99.8782E+03	97.8819E+03	95.7803E+03	93.5561E+03	89.0192E+03
2	90.1347E+03	87.0501E+03	83.5080E+03	79.7481E+03	75.9145E+03	68.3442E+03
3	80.6069E+03	76.5759E+03	71.8663E+03	66.9490E+03	62.0656E+03	52.8427E+03
4	72.6233E+03	67.8623E+03	62.2788E+03	56.5736E+03	51.0649E+03	41.1098E+03
5	65.8473E+03	60.5093E+03	54.2760E+03	48.0624E+03	42.2299E+03	32.1391E+03
6	60.0329E+03	54.2332E+03	47.5277E+03	41.0131E+03	35.0705E+03	25.2243E+03
7	54.9969E+03	48.8254E+03	41.7877E+03	35.1289E+03	29.2269E+03	19.8602E+03
8	50.5991E+03	44.1284E+03	36.8699E+03	30.1855E+03	24.4295E+03	15.6780E+03
9	46.7307E+03	40.0202E+03	32.6310E+03	26.0101E+03	20.4718E+03	12.4041E+03
10	43.3057E+03	36.4051E+03	28.9577E+03	22.4671E+03	17.1936E+03	98.3273E+02
11	40.2552E+03	33.2067E+03	25.7599E+03	19.4487E+03	14.4688E+03	78.0748E+02
12	37.5239E+03	30.3633E+03	22.9647E+03	16.8684E+03	12.1971E+03	62.0896E+02
13	35.0663E+03	27.8245E+03	20.5125E+03	14.6558E+03	10.2982E+03	49.4362E+02
14	32.8451E+03	25.5489E+03	18.3543E+03	12.7534E+03	9.0726E+02	39.4116E+02
15	30.8294E+03	23.5019E+03	16.4494E+03	11.1136E+03	75.7155E+02	31.4529E+02
16	28.9932E+03	21.6547E+03	14.7638E+03	9.6794E+02	62.4804E+02	25.1264E+02
17	27.3149E+03	19.9839E+03	13.2681E+03	8.4714E+02	53.0146E+02	20.0910E+02
18	25.7758E+03	18.4657E+03	11.9387E+03	7.4088E+02	45.0272E+02	16.0785E+02
19	24.3603E+03	17.0855E+03	10.7544E+03	6.4588E+02	38.2781E+02	12.8767E+02
20	23.0549E+03	15.8271E+03	9.6767E+02	5.6317E+02	32.5680E+02	10.3202E+02
21	21.8479E+03	14.6774E+03	8.7531E+02	4.9407E+02	27.7314E+02	8.2749E+01
22	20.7293E+03	13.6249E+03	7.9.0755E+02	4.37444E+02	23.6334E+02	6.64241E+01
23	19.6903E+03	12.5598E+03	71.4933E+02	38.4228E+02	20.1495E+02	5.3386E+01
24	18.7233E+03	11.7733E+03	64.6916E+02	33.7715E+02	17.1923E+02	4.23551E+01
25	17.8212E+03	10.9578E+03	58.5771E+02	29.7026E+02	14.6780E+02	3.4504E+01
26	16.9791E+03	10.2065E+03	53.0759E+02	26.1398E+02	12.5303E+02	2.7700E+01
27	16.1907E+03	95.1359E+02	48.1215E+02	23.0175E+02	10.7163E+02	2.22959E+01
28	15.4519E+03	88.7362E+02	43.6552E+02	20.2790E+02	9.16362E+01	1.79490E+01
29	14.7582E+03	82.8190E+02	39.6252E+02	17.8754E+02	7.83960E+01	1.44559E+01
30	14.1063E+03	77.3421E+02	35.9840E+02	15.7641E+02	6.70988E+01	1.16474E+01
31	13.4927E+03	72.2677E+02	32.6970E+02	13.9885E+02	5.74540E+01	93.8826E+00
32	12.9144E+03	67.5617E+02	29.7223E+02	12.2765E+02	4.92154E+01	75.7017E+00
33	12.3688E+03	63.1957E+02	27.0501E+02	10.6404E+02	4.21743E+01	61.0637E+00
34	11.8534E+03	59.1340E+02	24.5919E+02	9.3759E+01	3.6.1537E+01	48.2733E+00
35	11.3661E+03	55.3635E+02	22.3824E+02	8.4.6212E+01	3.1.0034E+01	39.7728E+00
36	10.9046E+03	51.8537E+02	20.3790E+02	7.4.6040E+01	2.6.5956E+01	32.1144E+00

RECTANGULAR SLAB SOURCE = 20 IN. X120 IN.

AIR GAP = 5.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CH.)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	10.2505E+04	10.2505E+04	10.2505E+04	10.2505E+04	10.2505E+04	10.2505E+04
1	90.7919E+03	89.4249E+03	87.6765E+03	86.1740E+03	84.4213E+03	80.6994E+03
2	81.3567E+03	78.7197E+03	75.8214E+03	72.6747E+03	69.4148E+03	62.8789E+03
3	73.0967E+03	69.8022E+03	65.8145E+03	61.5624E+03	57.2802E+03	49.0814E+03
4	66.2629E+03	62.2712E+03	57.4283E+03	52.3848E+03	47.4587E+03	38.4497E+03
5	60.4038E+03	55.8368E+03	50.3372E+03	44.7589E+03	39.4447E+03	30.2201E+03
6	55.3321E+03	50.2929E+03	44.2045E+03	38.3763E+03	32.9236E+03	23.8199E+03
7	50.9051E+03	45.4735E+03	39.1183E+03	33.0047E+03	27.5477E+03	18.8213E+03
8	47.0123E+03	41.2542E+03	34.6344E+03	28.4414E+03	23.1038E+03	14.9638E+03
9	43.5645E+03	37.5434E+03	30.7557E+03	24.6016E+03	19.4184E+03	11.8221E+03
10	40.4982E+03	34.2570E+03	27.3744E+03	21.3102E+03	16.3529E+03	93.9328E+02
11	37.7513E+03	31.3342E+03	24.4144E+03	18.4938E+03	13.7932E+03	74.7401E+02
12	35.2799E+03	28.7233E+03	21.8194E+03	16.0788E+03	11.6529E+03	59.5454E+02
13	33.0465E+03	26.3822E+03	19.5326E+03	13.9971E+03	9.85761E+02	47.4594E+02
14	31.0194E+03	24.2754E+03	17.5127E+03	12.2033E+03	83.4960E+02	37.9223E+02
15	29.1737E+03	22.3734E+03	15.7241E+03	10.6329E+03	70.6794E+02	30.3882E+02
16	27.4863E+03	20.6516E+03	14.1345E+03	93.1024E+02	62.1090E+02	24.2443E+02
17	25.9370E+03	19.0884E+03	12.7245E+03	81.4548E+02	51.0640E+02	19.4693E+02
18	24.5159E+03	17.6459E+03	11.4440E+03	71.3340E+02	43.4308E+02	15.5984E+02
19	23.2034E+03	16.3685E+03	10.3476E+03	62.5273E+02	36.9659E+02	12.4674E+02
20	21.9900E+03	15.1827E+03	93.3795E+02	54.8538E+02	31.4861E+02	10.0822E+02
21	20.8653E+03	14.0970E+03	80.3824E+02	48.1594E+02	26.3790E+02	80.2941E+01
22	19.8207E+03	13.1010E+03	70.3199E+02	42.1510E+02	22.8959E+02	64.4946E+01
23	18.8464E+03	12.1860E+03	61.6688E+02	37.2013E+02	19.5384E+02	51.8323E+01
24	17.9416E+03	11.3464E+03	53.9526E+02	32.7592E+02	16.8952E+02	41.6775E+01
25	17.0945E+03	10.5681E+03	46.6934E+02	28.8695E+02	14.7549E+02	33.5284E+01
26	16.3018E+03	9.85232E+02	41.1268E+02	25.3744E+02	12.1881E+02	26.9854E+01
27	15.5588E+03	9.19104E+02	44.6505E+02	22.3405E+02	10.4244E+02	21.7290E+01
28	14.8613E+03	85.7953E+02	42.3374E+02	19.7144E+02	89.2038E+01	17.5937E+01
29	14.2054E+03	80.1338E+02	38.4700E+02	17.3895E+02	76.3652E+01	14.1858E+01
30	13.5889E+03	74.8873E+02	34.9462E+02	15.3452E+02	65.4915E+01	11.3718E+01
31	13.0068E+03	70.0200E+02	31.7851E+02	13.5475E+02	56.0338E+01	91.7112E+00
32	12.4580E+03	65.5028E+02	28.9108E+02	11.9649E+02	48.0258E+01	73.9093E+00
33	11.9394E+03	61.3050E+02	26.3072E+02	10.5711E+02	41.1770E+01	59.7121E+00
34	11.4494E+03	57.4814E+02	23.9472E+02	93.4295E+01	35.3164E+01	48.2856E+00
35	10.9833E+03	53.7693E+02	21.8844E+02	82.6632E+01	30.3004E+01	38.7284E+00
36	10.5454E+03	50.3870E+02	19.9648E+02	73.0551E+01	26.0047E+01	31.4444E+00

RECTANGULAR SLAB SOURCE = 20 IN. X120 IN.

AIR GAP = 6.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	91.3878E+03	91.3878E+03	91.3878E+03	91.3878E+03	91.3878E+03	91.3878E+03
1	81.6578E+03	80.6065E+03	79.3829E+03	78.0284E+03	76.5759E+03	73.4762E+03
2	73.5300E+03	71.5747E+03	69.1711E+03	66.5061E+03	63.7036E+03	57.9896E+03
3	66.6457E+03	63.9201E+03	60.5093E+03	56.8003E+03	53.0151E+03	45.6731E+03
4	60.7473E+03	57.3669E+03	53.1346E+03	48.6491E+03	44.2132E+03	35.0197E+03
5	55.6441E+03	51.7076E+03	46.8223E+03	41.7877E+03	36.9622E+03	28.4515E+03
6	51.1914E+03	46.7828E+03	41.3699E+03	35.9903E+03	30.9729E+03	22.5194E+03
7	47.2770E+03	42.4485E+03	36.6911E+03	31.0728E+03	26.0101E+03	17.8556E+03
8	43.8128E+03	38.6667E+03	32.6079E+03	26.8862E+03	21.8851E+03	14.1805E+03
9	40.7286E+03	35.2988E+03	29.0448E+03	23.3097E+03	18.4467E+03	11.2782E+03
10	37.9676E+03	32.3012E+03	25.9239E+03	20.2451E+03	15.5732E+03	89.159E+02
11	35.4839E+03	29.6219E+03	23.1809E+03	17.6117E+03	13.1663E+03	70.6112E+02
12	33.2394E+03	27.2178E+03	20.7628E+03	15.3434E+03	11.1458E+03	57.1579E+02
13	31.2027E+03	25.0532E+03	18.6253E+03	13.3850E+03	9.4665E+02	49.6665E+02
14	29.3475E+03	23.0981E+03	16.7310E+03	11.6908E+03	8.01523E+02	36.5184E+02
15	27.6518E+03	21.3270E+03	15.0484E+03	10.2225E+03	68.0750E+02	29.2273E+02
16	26.0968E+03	19.7185E+03	13.5508E+03	89.4774E+02	57.6708E+02	23.4099E+02
17	24.6667E+03	18.2542E+03	12.2154E+03	78.3939E+02	49.2381E+02	18.7639E+02
18	23.3477E+03	16.9180E+03	11.0225E+03	68.7435E+02	41.9262E+02	15.0500E+02
19	22.1282E+03	15.6944E+03	99.5517E+02	60.3302E+02	35.7263E+02	12.0788E+02
20	20.9978E+03	14.5774E+03	89.9887E+02	52.9865E+02	30.4641E+02	95.9991E+01
21	19.9479E+03	13.5506E+03	81.4085E+02	46.5895E+02	25.9936E+02	77.9385E+01
22	18.9705E+03	12.6098E+03	73.7097E+02	40.9566E+02	22.1925E+02	62.8563E+01
23	18.0592E+03	11.7383E+03	66.7686E+02	36.0423E+02	18.9579E+02	50.3958E+01
24	17.2077E+03	10.9376E+03	60.5273E+02	31.7360E+02	16.2033E+02	40.5532E+01
25	16.4108E+03	10.1987E+03	54.9025E+02	27.9594E+02	13.8558E+02	32.6477E+01
26	15.6638E+03	9.51594E+02	49.8286E+02	24.6447E+02	11.8541E+02	26.2945E+01
27	14.9625E+03	88.8437E+02	45.2476E+02	21.7335E+02	10.1461E+02	21.1862E+01
28	14.3033E+03	82.9951E+02	41.1083E+02	19.1748E+02	8.6.8780E+01	17.0770E+01
29	13.6828E+03	77.5738E+02	37.3453E+02	16.9247E+02	7.4.4212E+01	13.7699E+01
30	13.0979E+03	72.5441E+02	33.9782E+02	14.9446E+02	6.3.7748E+01	11.1072E+01
31	12.5461E+03	67.8736E+02	30.9112E+02	13.2013E+02	5.4.6713E+01	89.6247E+00
32	12.0247E+03	63.5331E+02	28.1322E+02	11.6656E+02	4.6.8835E+01	72.3425E+00
33	11.5317E+03	59.4962E+02	25.6128E+02	10.3122E+02	4.0.2183E+01	58.4411E+00
34	11.0650E+03	55.7306E+02	23.3274E+02	91.1877E+01	3.4.5116E+01	47.1772E+00
35	10.6227E+03	52.2397E+02	21.2531E+02	80.6602E+01	2.9.6235E+01	38.1149E+00
36	10.2033E+03	48.9785E+02	19.3696E+02	71.3695E+01	25.4352E+01	30.8021E+00

RECTANGULAR SLAB SOURCE = 20 IN. X120 IN.

AIR GAP = 7.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	82.1029E+03	82.1029E+03	82.1029E+03	82.1029E+03	82.1029E+03	82.1029E+03
1	73.9184E+03	73.0747E+03	72.1146E+03	71.0072E+03	69.8025E+03	67.1892E+03
2	66.9918E+03	65.4021E+03	63.3840E+03	61.1064E+03	58.6753E+03	53.6453E+03
3	61.0603E+03	58.7810E+03	55.8384E+03	52.5795E+03	49.2160E+03	42.5964E+03
4	55.9307E+03	53.0429E+03	49.3190E+03	45.3055E+03	41.6001E+03	33.7953E+03
5	51.4561E+03	48.0367E+03	43.6748E+03	39.1103E+03	35.4920E+03	26.6282E+03
6	47.5233E+03	43.6423E+03	38.7723E+03	33.8277E+03	29.1917E+03	21.3192E+03
7	44.0432E+03	39.7638E+03	34.4987E+03	29.7770E+03	24.6018E+03	18.9608E+03
8	40.9452E+03	36.3233E+03	30.7804E+03	26.5444E+03	22.7842E+03	13.5087E+03
9	38.1720E+03	33.2973E+03	27.6795E+03	22.1224E+03	17.5477E+03	10.7709E+03
10	35.6774E+03	30.5146E+03	24.5913E+03	19.2826E+03	14.8520E+03	85.9673E+02
11	33.4238E+03	28.0913E+03	22.0416E+03	16.7954E+03	12.5099E+03	68.6796E+02
12	31.3774E+03	25.8316E+03	19.7850E+03	14.6624E+03	10.6739E+03	54.9157E+02
13	29.5181E+03	23.8223E+03	17.7836E+03	12.8151E+03	9.0.4206E+02	43.9666E+02
14	27.8109E+03	22.0607E+03	16.0031E+03	11.2123E+03	7.7.8224E+02	35.1953E+02
15	26.2490E+03	20.3541E+03	14.4176E+03	9.8.1942E+02	6.5.5155E+02	28.2847E+02
16	24.8124E+03	18.8487E+03	13.0826E+03	8.4.0767E+02	5.5.7724E+02	22.4269E+02
17	23.4874E+03	17.4744E+03	11.7378E+03	7.5.5164E+02	4.7.5138E+02	18.1536E+02
18	22.2622E+03	16.2173E+03	10.4693E+03	6.4.3832E+02	4.0.5063E+02	14.5755E+02
19	21.0267E+03	15.0653E+03	9.5.9069E+02	5.4.2543E+02	3.4.5549E+02	11.7858E+02
20	20.0718E+03	14.0078E+03	8.4.7868E+02	5.1.2204E+02	2.9.4796E+02	9.4.1248E+01
21	19.2499E+03	13.0394E+03	7.8.5951E+02	4.5.0632E+02	2.5.1919E+02	7.5.6961E+01
22	18.1740E+03	12.1401E+03	7.1.2242E+02	3.9.4479E+02	2.1.5274E+02	6.0.9842E+01
23	17.3184E+03	11.3144E+03	6.4.2849E+02	3.4.9409E+02	1.8.4034E+02	4.9.2471E+01
24	16.5175E+03	10.5523E+03	5.8.5989E+02	3.0.7920E+02	1.5.7408E+02	3.9.4793E+01
25	15.7468E+03	9.8.4809E+02	5.3.1970E+02	2.7.1491E+02	1.3.4733E+02	3.1.8093E+01
26	15.0020E+03	9.1.9621E+02	4.8.3180E+02	2.3.9483E+02	1.1.5351E+02	2.5.6336E+01
27	14.3994E+03	8.5.9942E+02	4.3.9088E+02	2.1.1342E+02	9.8.7972E+01	2.0.4442E+01
28	13.7756E+03	8.0.3208E+02	3.9.9188E+02	1.8.6595E+02	8.4.8518E+01	1.6.4477E+01
29	13.1877E+03	7.5.1308E+02	3.6.3878E+02	1.6.4793E+02	7.2.5564E+01	1.3.4475E+01
30	12.6337E+03	7.0.3054E+02	3.3.0371E+02	1.4.5601E+02	6.2.2145E+01	1.0.8538E+01
31	12.1087E+03	6.5.8199E+02	3.0.0717E+02	1.2.8408E+02	5.3.3411E+01	8.7.1846E+00
32	11.6133E+03	6.1.4472E+02	2.7.3865E+02	1.1.3781E+02	4.5.7854E+01	7.0.759E+00
33	11.1437E+03	5.7.2627E+02	2.4.9453E+02	1.0.8431E+02	3.9.2961E+01	5.7.1585E+00
34	10.6990E+03	5.4.1441E+02	2.2.7369E+02	9.9.0291E+01	3.3.7363E+01	4.6.1861E+00
35	10.2772E+03	5.0.7711E+02	2.0.7197E+02	7.8.7874E+01	2.9.9712E+01	3.7.3382E+00
36	9.76492E+02	4.7.4251E+02	1.8.8422E+02	6.9.7437E+01	2.4.8852E+01	3.0.1803E+00

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 20IN.X240IN.

AIR GAP = 0.01IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	20.0982E+04	20.0982E+04	20.0982E+04	20.0982E+04	20.0982E+04	20.0982E+04
1	17.5333E+04	16.7011E+04	15.9666E+04	15.1525E+04	14.4393E+04	13.1315E+04
2	14.8530E+04	13.8208E+04	12.8244E+04	11.8815E+04	10.9994E+04	9.42170E+03
3	12.7761E+04	11.6688E+04	10.5920E+04	9.5795E+03	86.4463E+03	70.1581E+03
4	11.1530E+04	10.0073E+04	88.9270E+03	78.5681E+03	69.1621E+03	53.2557E+03
5	98.5298E+03	86.8428E+03	75.5323E+03	65.1847E+03	55.9722E+03	40.8947E+03
6	87.8959E+03	76.0629E+03	64.7204E+03	54.5364E+03	45.6653E+03	31.6449E+03
7	79.0506E+03	67.1271E+03	55.8490E+03	45.9247E+03	37.4841E+03	24.6225E+03
8	71.5919E+03	59.6194E+03	48.4653E+03	38.8769E+03	30.9178E+03	19.2391E+03
9	65.2302E+03	53.2417E+03	42.2671E+03	33.0559E+03	25.8037E+03	15.0833E+03
10	59.7504E+03	47.7736E+03	37.0178E+03	28.2126E+03	21.2749E+03	11.8581E+03
11	54.9893E+03	43.0476E+03	32.5469E+03	24.1582E+03	17.7297E+03	9.34460E+02
12	50.6207E+03	38.9343E+03	28.6959E+03	20.7465E+03	14.8134E+03	7.7911E+02
13	47.1453E+03	35.3317E+03	25.3857E+03	17.6266E+03	12.4051E+03	58.3768E+02
14	43.8844E+03	32.1588E+03	22.5136E+03	15.4152E+03	10.4096E+03	46.2580E+02
15	40.9746E+03	29.3501E+03	20.0135E+03	13.3309E+03	87.5128E+02	36.7093E+02
16	38.3643E+03	26.8524E+03	17.8298E+03	11.5503E+03	73.6951E+02	29.1709E+02
17	36.0114E+03	24.6221E+03	15.9151E+03	10.0247E+03	62.1542E+02	23.2092E+02
18	33.8811E+03	22.6229E+03	14.2313E+03	87.1437E+02	52.4941E+02	18.4710E+02
19	31.9444E+03	20.8247E+03	12.7444E+03	75.8621E+02	44.3925E+02	14.7410E+02
20	30.1771E+03	19.2021E+03	11.4335E+03	66.1287E+02	37.5859E+02	11.7650E+02
21	28.5586E+03	17.7337E+03	10.2700E+03	57.7146E+02	31.8579E+02	9.3925E+01
22	27.0716E+03	16.4012E+03	9.23654E+02	50.4281E+02	27.0304E+02	7.1525E+01
23	25.7012E+03	15.1892E+03	83.1685E+02	44.1076E+02	22.9561E+02	60.1367E+01
24	24.4348E+03	14.0841E+03	74.9689E+02	38.6170E+02	19.5131E+02	48.1571E+01
25	23.2614E+03	13.0743E+03	67.6460E+02	33.8405E+02	16.6002E+02	38.5911E+01
26	22.1715E+03	12.1500E+03	61.0959E+02	29.6799E+02	14.1330E+02	30.9458E+01
27	21.1568E+03	11.3022E+03	55.2286E+02	26.0514E+02	12.0412E+02	24.8307E+01
28	20.2101E+03	10.5233E+03	49.9657E+02	22.8835E+02	10.2660E+02	19.9359E+01
29	19.3251E+03	9.8066E+02	45.2391E+02	20.1140E+02	87.5815E+01	16.0150E+01
30	18.4961E+03	9.1462E+02	40.9891E+02	17.6926E+02	74.7626E+01	12.8721E+01
31	17.7183E+03	8.5348E+02	37.1634E+02	15.5718E+02	63.8563E+01	10.3513E+01
32	16.9873E+03	7.9737E+02	33.7167E+02	13.7131E+02	54.5705E+01	8.32817E+00
33	16.2991E+03	7.45281E+02	30.6078E+02	12.0629E+02	46.6588E+01	67.0358E+00
34	15.6503E+03	6.97037E+02	27.8014E+02	10.6520E+02	39.9136E+01	53.9830E+00
35	15.0378E+03	6.52309E+02	25.2659E+02	9.3518E+01	34.1592E+01	43.4902E+00
36	14.4588E+03	6.10798E+02	22.9732E+02	8.29053E+01	29.2472E+01	35.0512E+00

RECTANGULAR SLAB SOURCE = 20IN.X240IN.

AIR GAP = 1.01IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	17.9619E+04	17.9619E+04	17.9619E+04	17.9619E+04	17.9619E+04	17.9619E+04
1	15.1129E+04	14.5932E+04	14.0765E+04	13.5674E+04	13.0690E+04	12.2117E+04
2	12.9595E+04	12.2222E+04	11.4860E+04	10.7676E+04	10.0766E+04	87.9483E+03
3	11.2934E+04	10.4377E+04	9.58213E+03	87.5838E+03	79.6125E+03	65.8888E+03
4	99.6662E+03	90.3561E+03	81.0891E+03	72.3143E+03	64.2114E+03	50.2046E+03
5	89.4497E+03	79.8228E+03	69.3262E+03	60.3211E+03	52.1948E+03	38.5866E+03
6	79.8719E+03	69.6756E+03	59.7354E+03	50.7081E+03	42.7423E+03	29.9826E+03
7	72.3127E+03	61.8477E+03	51.7964E+03	42.8676E+03	35.2804E+03	23.3759E+03
8	65.8720E+03	55.2132E+03	45.1484E+03	36.4214E+03	29.1209E+03	18.2990E+03
9	60.3264E+03	49.5337E+03	39.5297E+03	31.0709E+03	24.1818E+03	14.3713E+03
10	55.5151E+03	44.6303E+03	34.7443E+03	26.5991E+03	20.1444E+03	11.3173E+03
11	51.3024E+03	40.3657E+03	30.6420E+03	22.8403E+03	16.8274E+03	89.3272E+02
12	47.5894E+03	36.6325E+03	27.1053E+03	19.6454E+03	14.0905E+03	72.6146E+02
13	44.2963E+03	33.3457E+03	24.0412E+03	16.9722E+03	11.8239E+03	55.9713E+02
14	41.3582E+03	30.4367E+03	21.3748E+03	14.6792E+03	99.4103E+02	44.4148E+02
15	38.7231E+03	27.8502E+03	19.6455E+03	12.7205E+03	83.7238E+02	35.2930E+02
16	36.3482E+03	25.5406E+03	17.0034E+03	11.0423E+03	70.6228E+02	28.0811E+02
17	34.1982E+03	23.4703E+03	15.2075E+03	96.0086E+02	59.6548E+02	22.3692E+02
18	32.2430E+03	21.6081E+03	13.6235E+03	83.5967E+02	50.4592E+02	17.8383E+02
19	30.4603E+03	19.9275E+03	12.2228E+03	72.8844E+02	42.7307E+02	14.2393E+02
20	28.8272E+03	18.4065E+03	10.9811E+03	63.6262E+02	36.2259E+02	11.3770E+02
21	27.3268E+03	17.0262E+03	98.7817E+02	55.6833E+02	30.7427E+02	89.9779E+01
22	25.9442E+03	15.7703E+03	88.9640E+02	48.6444E+02	26.1142E+02	72.8104E+01
23	24.6645E+03	14.6251E+03	80.2089E+02	42.5997E+02	22.2020E+02	58.3145E+01
24	23.4876E+03	13.5786E+03	72.3483E+02	37.3385E+02	18.8914E+02	46.7376E+01
25	22.3829E+03	12.6204E+03	65.3915E+02	32.7542E+02	16.0649E+02	37.4338E+01
26	21.3452E+03	11.7445E+03	59.1225E+02	28.7935E+02	13.7085E+02	30.0811E+01
27	20.4040E+03	10.9395E+03	53.4982E+02	25.2636E+02	11.6894E+02	24.1544E+01
28	19.5111E+03	10.1904E+03	48.4459E+02	22.2111E+02	99.7445E+01	19.4064E+01
29	18.6747E+03	9.5046E+02	43.9822E+02	19.5400E+02	85.1601E+01	15.6802E+01
30	17.8900E+03	88.7336E+02	39.8114E+02	17.2886E+02	72.7493E+01	12.5467E+01
31	17.1524E+03	82.8910E+02	36.1244E+02	15.1908E+02	62.1803E+01	10.0958E+01
32	16.4581E+03	77.4852E+02	32.7988E+02	13.3512E+02	53.1737E+01	8.12738E+00
33	15.8034E+03	72.4778E+02	29.7960E+02	11.7720E+02	45.4935E+01	6.54562E+00
34	15.1854E+03	67.8347E+02	27.0824E+02	10.3844E+02	38.9484E+01	5.27392E+00
35	14.6012E+03	63.5250E+02	24.6284E+02	91.6494E+01	33.3456E+01	4.25100E+00
36	14.0481E+03	59.5210E+02	22.4075E+02	80.9211E+01	28.5664E+01	34.2790E+00

CODALY 60 SOURCE

RECTANGULAR SLAB SOURCE = 20IN.X240IN. AIR GAP = 2.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	15.3718E+04	15.3710E+04	15.3718E+04	15.3718E+04	15.3718E+04	15.3718E+04
1	13.1400E+04	12.7761E+04	12.4072E+04	12.0372E+04	11.6608E+04	10.9449E+04
2	11.4318E+04	10.0680E+04	10.2939E+04	97.2309E+03	91.6510E+03	81.0718E+03
3	10.0785E+04	93.0023E+03	86.0428E+03	79.9600E+03	73.3766E+03	61.3600E+03
4	09.7883E+03	02.0017E+03	74.1078E+03	66.5394E+03	59.4675E+03	47.0520E+03
5	08.6797E+03	72.2467E+03	63.7874E+03	55.8450E+03	48.6077E+03	36.3953E+03
6	73.0216E+03	64.1010E+03	55.2749E+03	47.1764E+03	39.9047E+03	28.3262E+03
7	66.5034E+03	57.2119E+03	48.1641E+03	40.0623E+03	33.0595E+03	22.1409E+03
8	60.8976E+03	51.3217E+03	42.1640E+03	34.1684E+03	27.4307E+03	17.3822E+03
9	56.0327E+03	46.2409E+03	37.0592E+03	29.2405E+03	22.0334E+03	13.6821E+03
10	51.7770E+03	41.0248E+03	32.6861E+03	25.1163E+03	19.0099E+03	10.7965E+03
11	48.0275E+03	37.9604E+03	28.9175E+03	21.6275E+03	15.9896E+03	9.3763E+02
12	44.7026E+03	34.5508E+03	25.6531E+03	18.6688E+03	13.4459E+03	67.6395E+02
13	41.7370E+03	31.5408E+03	22.0127E+03	16.1499E+03	11.2819E+03	53.6754E+02
14	39.0776E+03	28.0724E+03	20.3312E+03	13.9902E+03	9.5032E+02	42.6565E+02
15	36.6811E+03	26.4825E+03	18.1955E+03	12.1549E+03	80.1003E+02	33.9444E+02
16	34.5118E+03	24.3401E+03	16.2416E+03	10.5765E+03	67.7466E+02	27.0440E+02
17	32.5400E+03	22.6128E+03	14.5536E+03	92.0638E+02	57.3157E+02	21.5699E+02
18	30.7409E+03	20.6733E+03	13.0603E+03	80.2894E+02	48.5691E+02	17.2212E+02
19	29.0934E+03	19.0907E+03	11.7364E+03	70.1055E+02	41.1609E+02	13.7619E+02
20	27.5799E+03	17.6695E+03	10.5601E+03	61.2841E+02	34.9460E+02	11.0070E+02
21	26.1852E+03	16.3689E+03	9.51267E+02	53.6277E+02	29.6910E+02	9.1060E+01
22	24.8934E+03	15.1028E+03	8.57842E+02	46.9731E+02	25.2496E+02	70.5707E+01
23	23.7022E+03	14.0987E+03	77.4367E+02	41.1811E+02	21.4095E+02	56.5773E+01
24	22.5930E+03	13.1059E+03	69.9565E+02	36.1394E+02	18.3032E+02	45.3034E+01
25	21.5604E+03	12.1950E+03	63.2718E+02	31.7201E+02	15.6006E+02	36.4268E+01
26	20.5970E+03	11.3579E+03	57.2640E+02	27.0820E+02	13.3093E+02	29.2550E+01
27	19.6963E+03	10.5873E+03	51.8459E+02	24.5181E+02	11.3558E+02	23.5003E+01
28	18.8524E+03	9.87699E+02	47.0100E+02	21.5738E+02	9.9727E+01	18.5003E+01
29	18.0610E+03	9.2131E+02	42.6372E+02	18.9946E+02	8.2855E+01	15.2032E+01
30	17.3170E+03	8.61527E+02	38.6954E+02	16.7332E+02	7.0813E+01	12.2351E+01
31	16.6165E+03	8.05444E+02	35.1387E+02	14.7489E+02	6.05821E+01	9.85092E+00
32	15.9562E+03	7.53488E+02	31.9268E+02	13.0066E+02	5.1804E+01	7.93477E+00
33	15.3327E+03	7.05020E+02	29.0237E+02	11.4756E+02	4.43800E+01	6.39396E+00
34	14.7433E+03	6.60569E+02	26.3977E+02	10.1294E+02	3.80095E+01	5.15444E+00
35	14.1853E+03	6.19003E+02	24.0207E+02	8.94501E+01	3.25667E+01	4.15678E+00
36	13.6565E+03	5.80345E+02	21.8675E+02	7.90235E+01	2.79141E+01	3.35344E+00

RECTANGULAR SLAB SOURCE = 20IN.X240IN. AIR GAP = 3.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	13.3184E+04	13.3184E+04	13.3184E+04	13.3184E+04	13.3184E+04	13.3184E+04
1	11.5678E+04	11.2934E+04	11.0113E+04	10.7252E+04	10.4377E+04	90.6486E+03
2	10.1883E+04	97.3803E+03	92.7077E+03	88.0105E+03	83.3768E+03	74.4493E+03
3	90.7076E+03	84.9726E+03	79.0228E+03	73.1407E+03	67.4607E+03	56.9606E+03
4	81.6708E+03	74.8229E+03	67.9731E+03	61.3380E+03	55.0808E+03	43.9926E+03
5	73.7159E+03	66.3687E+03	58.8840E+03	51.7964E+03	45.2910E+03	34.2063E+03
6	67.1221E+03	59.2286E+03	51.3043E+03	43.9794E+03	37.4334E+03	26.7315E+03
7	61.4554E+03	53.1307E+03	44.9152E+03	37.5103E+03	31.0709E+03	20.9723E+03
8	56.5404E+03	47.8745E+03	39.4830E+03	32.1137E+03	25.8808E+03	16.5060E+03
9	52.2430E+03	43.3077E+03	34.0310E+03	27.5826E+03	21.6221E+03	13.0250E+03
10	48.4579E+03	39.3125E+03	30.8226E+03	23.7575E+03	18.1107E+03	10.3010E+03
11	45.1623E+03	35.7961E+03	27.3505E+03	20.5134E+03	15.2037E+03	8.16230E+02
12	42.1099E+03	32.6845E+03	24.3289E+03	17.7512E+03	12.7886E+03	64.7851E+02
13	39.4269E+03	29.9178E+03	21.6388E+03	15.3910E+03	10.7762E+03	51.4973E+02
14	37.0067E+03	27.4469E+03	19.3734E+03	13.3682E+03	90.9474E+02	40.9896E+02
15	34.8214E+03	25.2316E+03	17.3363E+03	11.6298E+03	76.8701E+02	32.6652E+02
16	32.8327E+03	23.2384E+03	15.5387E+03	10.1321E+03	65.0551E+02	26.0600E+02
17	31.0182E+03	21.4391E+03	13.9493E+03	8.83902E+02	55.1255E+02	20.8113E+02
18	29.3568E+03	19.8101E+03	12.5378E+03	7.72032E+02	46.7861E+02	16.6381E+02
19	27.8305E+03	18.3311E+03	11.341E+03	6.75074E+02	39.7008E+02	13.3083E+02
20	26.4241E+03	16.9850E+03	10.1675E+03	5.90901E+02	33.7412E+02	10.6552E+02
21	25.1244E+03	15.7571E+03	9.17117E+02	5.17718E+02	28.7011E+02	8.3751E+01
22	23.9202E+03	14.6343E+03	8.28071E+02	4.54000E+02	24.4355E+02	6.84937E+01
23	22.8016E+03	13.6063E+03	7.48351E+02	3.98433E+02	20.8150E+02	5.4219E+01
24	21.7603E+03	12.6627E+03	6.76904E+02	3.49770E+02	17.7466E+02	4.0920E+01
25	20.7887E+03	11.7994E+03	6.12742E+02	3.07608E+02	15.1378E+02	3.54181E+01
26	19.8804E+03	10.9968E+03	5.53113E+02	2.70556E+02	12.9238E+02	2.84661E+01
27	19.0296E+03	10.2406E+03	5.03241E+02	2.38118E+02	11.0386E+02	2.28905E+01
28	18.2312E+03	9.58082E+02	4.54517E+02	2.09693E+02	9.43362E+01	1.84160E+01
29	17.4880E+03	8.95242E+02	4.13888E+02	1.84745E+02	8.06150E+01	1.48231E+01
30	16.7744E+03	8.37079E+02	3.76367E+02	1.62086E+02	6.90029E+01	1.19365E+01
31	16.1083E+03	7.83184E+02	3.42022E+02	1.43670E+02	5.90358E+01	9.81613E+00
32	15.4795E+03	7.33193E+02	3.10974E+02	1.26781E+02	5.05667E+01	7.74997E+00
33	14.8850E+03	6.86775E+02	2.82883E+02	1.11928E+02	4.35153E+01	6.26840E+00
34	14.3222E+03	6.43537E+02	2.57450E+02	9.8544E+01	3.71187E+01	5.03965E+00
35	13.7888E+03	6.03910E+02	2.34407E+02	8.73471E+01	3.18206E+01	4.06819E+00
36	13.2827E+03	5.66194E+02	2.13516E+02	7.72075E+01	2.72887E+01	3.28895E+00

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 20IN.X240IN.

AIR GAP = 4.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	11.7005E+04	11.7005E+04	11.7005E+04	11.7005E+04	11.7005E+04	11.7005E+04
1	10.2952E+04	10.0785E+04	98.5298E+03	96.2207E+03	93.8823E+03	89.1020E+03
2	91.6028E+03	87.6959E+03	83.9853E+03	80.0148E+03	76.0629E+03	68.3098E+03
3	82.2412E+03	77.3776E+03	72.2467E+03	67.1271E+03	62.1487E+03	52.8605E+03
4	74.3924E+03	68.6306E+03	62.5968E+03	56.7041E+03	51.1180E+03	41.1184E+03
5	67.7254E+03	61.2505E+03	54.5527E+03	48.1641E+03	42.2671E+03	32.1639E+03
6	62.0001E+03	54.9516E+03	47.7736E+03	41.0959E+03	35.0981E+03	25.2272E+03
7	57.0370E+03	49.5241E+03	42.0100E+03	35.1484E+03	29.2485E+03	19.8621E+03
8	52.6990E+03	44.8093E+03	37.0736E+03	30.2453E+03	24.4469E+03	15.6793E+03
9	48.8795E+03	40.6848E+03	32.8193E+03	26.0625E+03	20.4862E+03	12.4051E+03
10	45.4943E+03	37.0545E+03	29.1331E+03	22.5136E+03	17.2058E+03	98.3344E+02
11	42.4761E+03	33.8417E+03	25.9243E+03	19.4905E+03	14.4793E+03	78.0802E+02
12	39.7703E+03	30.9846E+03	23.1194E+03	16.9063E+03	12.2062E+03	62.0898E+02
13	37.3326E+03	28.4324E+03	20.6587E+03	14.6904E+03	10.3062E+03	49.4396E+02
14	35.1264E+03	26.1438E+03	18.4286E+03	12.7851E+03	87.1437E+02	39.4137E+02
15	33.1213E+03	24.0841E+03	16.5809E+03	11.1429E+03	73.7700E+02	31.4555E+02
16	31.2919E+03	22.2244E+03	14.8886E+03	97.2437E+02	62.5375E+02	25.1284E+02
17	29.6170E+03	20.5401E+03	13.3871E+03	84.9660E+02	53.0660E+02	20.0525E+02
18	28.0782E+03	19.0107E+03	12.0520E+03	74.3203E+02	45.0738E+02	16.0793E+02
19	26.6601E+03	17.6184E+03	10.8626E+03	65.0746E+02	38.3204E+02	12.3777E+02
20	25.3501E+03	16.3479E+03	98.0084E+02	57.0327E+02	32.6066E+02	10.3212E+02
21	24.1361E+03	15.1862E+03	88.5158E+02	50.0282E+02	27.7666E+02	8.27774E+01
22	23.0084E+03	14.1218E+03	80.0154E+02	43.9156E+02	23.6625E+02	6.64312E+01
23	21.9586E+03	13.1448E+03	72.3928E+02	38.5860E+02	20.1789E+02	5.3449E+01
24	20.9790E+03	12.2466E+03	65.5482E+02	33.9241E+02	17.2193E+02	4.28606E+01
25	20.0632E+03	11.4194E+03	59.3947E+02	29.8452E+02	14.7027E+02	3.45554E+01
26	19.2054E+03	10.6566E+03	53.8562E+02	26.2731E+02	12.5610E+02	27.7125E+01
27	18.4005E+03	9.95210E+02	48.8659E+02	23.1420E+02	10.7371E+02	22.2999E+01
28	17.6438E+03	9.30073E+02	44.3652E+02	20.3953E+02	91.8264E+01	17.5927E+01
29	16.9315E+03	8.69772E+02	40.3022E+02	17.9840E+02	78.5703E+01	14.4592E+01
30	16.2599E+03	8.13886E+02	36.6312E+02	15.8655E+02	67.2586E+01	11.6504E+01
31	15.6257E+03	7.62038E+02	33.3117E+02	14.0031E+02	57.6002E+01	9.3097E+00
32	15.0262E+03	7.13887E+02	30.3077E+02	12.3647E+02	49.3492E+01	7.57261E+00
33	14.4576E+03	6.69130E+02	27.5873E+02	10.9227E+02	42.2964E+01	61.0877E+00
34	13.9207E+03	6.27490E+02	25.1221E+02	96.5261E+01	36.2395E+01	49.2931E+00
35	13.4103E+03	5.8718E+02	22.8866E+02	85.3347E+01	31.1054E+01	39.7906E+00
36	12.9255E+03	5.52589E+02	20.8583E+02	75.4680E+01	26.6887E+01	32.1303E+00

RECTANGULAR SLAB SOURCE = 20IN.X240IN.

AIR GAP = 5.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	10.3985E+04	10.3985E+04	10.3985E+04	10.3985E+04	10.3985E+04	10.3985E+04
1	92.4679E+03	90.7076E+03	88.8497E+03	86.9300E+03	84.9724E+03	81.0081E+03
2	82.9862E+03	79.8719E+03	76.5306E+03	73.1060E+03	69.6754E+03	62.9652E+03
3	75.0474E+03	70.8615E+03	66.3687E+03	61.8477E+03	57.4241E+03	49.1192E+03
4	68.3104E+03	63.2598E+03	57.8827E+03	52.5918E+03	47.3506E+03	38.4679E+03
5	62.5289E+03	56.7717E+03	50.7230E+03	44.9152E+03	39.5297E+03	30.2301E+03
6	57.5197E+03	51.1805E+03	44.6303E+03	38.5007E+03	32.9724E+03	23.6260E+03
7	53.1432E+03	46.3227E+03	39.4082E+03	33.1071E+03	27.5624E+03	18.8252E+03
8	49.2909E+03	42.0723E+03	34.9045E+03	29.5474E+03	23.1313E+03	14.9056E+03
9	45.8774E+03	38.3301E+03	30.9998E+03	24.6758E+03	19.4408E+03	11.8239E+03
10	42.8344E+03	35.0174E+03	27.5985E+03	21.3748E+03	16.3703E+03	9.3457E+02
11	40.1064E+03	32.0703E+03	24.6237E+03	18.5509E+03	13.8088E+03	74.7503E+02
12	37.6496E+03	29.4374E+03	22.0124E+03	16.1276E+03	11.6459E+03	59.5533E+02
13	35.4260E+03	27.0753E+03	19.7127E+03	14.0429E+03	98.4915E+02	47.5007E+02
14	33.4051E+03	24.9489E+03	17.6815E+03	12.2443E+03	83.5967E+02	37.9272E+02
15	31.5614E+03	23.0283E+03	15.8828E+03	10.6906E+03	70.8920E+02	30.3122E+02
16	29.8734E+03	21.2884E+03	14.2861E+03	93.4470E+02	60.1814E+02	24.2475E+02
17	28.3227E+03	19.7079E+03	12.8657E+03	81.7706E+02	51.1389E+02	19.4120E+02
18	26.8937E+03	18.2687E+03	11.5997E+03	71.6244E+02	43.4932E+02	15.5526E+02
19	25.5732E+03	16.9550E+03	10.4691E+03	62.7999E+02	37.0214E+02	12.4692E+02
20	24.3496E+03	15.7553E+03	94.5788E+02	55.1010E+02	31.5372E+02	10.0038E+02
21	23.2131E+03	14.6523E+03	85.5200E+02	48.3882E+02	26.8846E+02	8.03077E+01
22	22.1550E+03	13.6412E+03	77.3939E+02	42.5247E+02	22.9338E+02	64.5043E+01
23	21.1677E+03	12.7114E+03	70.0893E+02	37.3974E+02	19.5758E+02	51.8425E+01
24	20.2405E+03	11.8550E+03	63.5241E+02	32.9100E+02	16.7194E+02	41.0454E+01
25	19.3800E+03	11.0450E+03	57.4184E+02	28.9785E+02	14.2878E+02	32.5365E+01
26	18.5685E+03	10.3352E+03	52.2911E+02	25.5313E+02	12.2142E+02	24.9926E+01
27	17.8058E+03	9.64034E+02	47.4850E+02	22.5043E+02	10.4501E+02	21.7352E+01
28	17.0877E+03	9.03541E+02	43.1451E+02	19.8499E+02	89.4354E+01	17.5509E+01
29	16.4104E+03	84.5610E+02	39.2228E+02	17.5153E+02	76.5741E+01	14.3104E+01
30	15.7713E+03	79.1854E+02	35.6751E+02	15.4424E+02	65.5933E+01	11.3761E+01
31	15.1648E+03	74.1922E+02	32.4439E+02	13.6360E+02	56.2083E+01	91.7496E+00
32	14.5944E+03	69.5499E+02	29.5511E+02	12.0634E+02	48.1845E+01	74.0233E+00
33	14.0522E+03	65.2302E+02	26.9144E+02	10.6445E+02	41.3212E+01	59.7422E+00
34	13.5375E+03	61.2073E+02	24.5271E+02	94.2967E+01	35.4478E+01	48.2323E+00
35	13.0486E+03	57.4580E+02	22.3548E+02	83.4074E+01	30.3194E+01	38.9522E+00
36	12.5837E+03	53.9611E+02	20.3842E+02	73.8008E+01	26.1127E+01	31.4673E+00

RECTANGULAR SLAB SOURCE = 20IN.X240IN.

AIR GAP = 6.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	93.2955E+03	93.2955E+03	93.2955E+03	93.2955E+03	93.2955E+03	93.2955E+03
1	83.7000E+03	82.2412E+03	80.6797E+03	79.0506E+03	77.3778E+03	73.9650E+03
2	75.6763E+03	73.0216E+03	70.1234E+03	67.1243E+03	64.1018E+03	58.1528E+03
3	68.8733E+03	65.2302E+03	61.2505E+03	57.2119E+03	53.2417E+03	45.7411E+03
4	63.0340E+03	58.5727E+03	53.7369E+03	48.9436E+03	44.3560E+03	36.0480E+03
5	57.9865E+03	52.8308E+03	47.3278E+03	42.0100E+03	37.0592E+03	28.4698E+03
6	53.5737E+03	47.8386E+03	41.6248E+03	36.1651E+03	31.0427E+03	22.5303E+03
7	49.6904E+03	43.4679E+03	37.0723E+03	31.2146E+03	26.0625E+03	17.8626E+03
8	46.2501E+03	39.6177E+03	32.9470E+03	27.0042E+03	21.9259E+03	14.1852E+03
9	43.1837E+03	36.2075E+03	29.3501E+03	23.4097E+03	18.4793E+03	11.2015E+03
10	40.4353E+03	33.1724E+03	26.2012E+03	20.3312E+03	15.5988E+03	8.9396E+02
11	37.9597E+03	30.4592E+03	23.4349E+03	17.6869E+03	13.1894E+03	7.16288E+02
12	35.7194E+03	28.0243E+03	20.9969E+03	15.4096E+03	11.1645E+03	5.71713E+02
13	33.6835E+03	25.8313E+03	18.8420E+03	13.4439E+03	9.6255E+02	4.56769E+02
14	31.8262E+03	23.8498E+03	16.9325E+03	11.7435E+03	8.02894E+02	3.65266E+02
15	30.1255E+03	22.0540E+03	15.2365E+03	10.2700E+03	6.81942E+02	2.92338E+02
16	28.5633E+03	20.4221E+03	13.7268E+03	8.94074E+02	5.79752E+02	2.34152E+02
17	27.1237E+03	18.9355E+03	12.3805E+03	7.87847E+02	4.93300E+02	1.87602E+02
18	25.7933E+03	17.5781E+03	11.1776E+03	6.90999E+02	4.20076E+02	1.50536E+02
19	24.5606E+03	16.3362E+03	10.1012E+03	6.06561E+02	3.57987E+02	1.20818E+02
20	23.4155E+03	15.1976E+03	9.13652E+02	5.32852E+02	3.05287E+02	97.0241E+01
21	22.3493E+03	14.1520E+03	8.27074E+02	4.68433E+02	2.60514E+02	77.9597E+01
22	21.3545E+03	13.1900E+03	7.49273E+02	4.12090E+02	2.2443E+02	62.6744E+01
23	20.4243E+03	12.3037E+03	6.79277E+02	3.62748E+02	1.90044E+02	50.4112E+01
24	19.5530E+03	11.4859E+03	6.16232E+02	3.19504E+02	1.62452E+02	40.5666E+01
25	18.7333E+03	10.7304E+03	5.59391E+02	2.81572E+02	1.38936E+02	32.8593E+01
26	17.9666E+03	10.0314E+03	5.08093E+02	2.48274E+02	1.18882E+02	26.3046E+01
27	17.2429E+03	9.38937E+02	4.61178E+02	2.19023E+02	1.01769E+02	21.1951E+01
28	16.5603E+03	8.78371E+02	4.19667E+02	1.93508E+02	87.1564E+01	17.0847E+01
29	15.9161E+03	8.22657E+02	3.81957E+02	1.70689E+02	74.6729E+01	13.7766E+01
30	15.3067E+03	7.70895E+02	3.47651E+02	1.50780E+02	64.0024E+01	11.1131E+01
31	14.7299E+03	7.22762E+02	3.16559E+02	1.3246E+02	54.8771E+01	8.9765E+00
32	14.1831E+03	6.77963E+02	2.88370E+02	1.17796E+02	47.0676E+01	7.2387E+00
33	13.6643E+03	6.36235E+02	2.62796E+02	1.04176E+02	40.3555E+01	5.84509E+00
34	13.1714E+03	5.97338E+02	2.39582E+02	9.21621E+01	34.6637E+01	4.72119E+00
35	12.7026E+03	5.61052E+02	2.18498E+02	8.15606E+01	29.7610E+01	3.81452E+00
36	12.2565E+03	5.27179E+02	1.99339E+02	7.22017E+01	25.5593E+01	3.08288E+00

RECTANGULAR SLAB SOURCE = 20IN.X240IN.

AIR GAP = 7.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	84.3756E+03	84.3756E+03	84.3756E+03	84.3756E+03	84.3756E+03	84.3756E+03
1	76.2736E+03	75.0474E+03	73.7159E+03	72.3127E+03	70.8415E+03	67.8784E+03
2	69.4099E+03	67.1221E+03	64.5798E+03	61.9228E+03	59.2286E+03	53.8954E+03
3	63.5270E+03	60.3846E+03	56.7717E+03	53.1307E+03	49.5337E+03	42.7051E+03
4	58.4345E+03	54.4549E+03	50.0760E+03	45.7012E+03	41.4567E+03	33.8495E+03
5	53.9881E+03	49.3440E+03	44.3070E+03	39.4082E+03	34.8310E+03	26.8518E+03
6	50.0761E+03	44.8421E+03	39.3125E+03	34.0601E+03	29.2911E+03	21.3371E+03
7	46.6139E+03	40.9101E+03	34.9687E+03	29.4998E+03	24.6758E+03	16.9722E+03
8	43.5226E+03	37.4067E+03	31.1753E+03	25.5969E+03	20.8213E+03	13.7143E+03
9	40.7540E+03	34.2863E+03	27.8502E+03	22.2522E+03	17.5949E+03	10.7626E+03
10	38.2619E+03	31.4950E+03	24.9256E+03	19.3734E+03	14.8885E+03	8.6053E+02
11	36.0059E+03	28.9884E+03	22.3455E+03	16.8912E+03	12.6139E+03	6.87070E+02
12	33.9539E+03	26.7495E+03	20.0630E+03	14.7461E+03	10.6989E+03	5.49368E+02
13	32.0854E+03	24.6874E+03	18.0387E+03	12.8889E+03	9.0405E+02	4.39628E+02
14	30.3729E+03	22.8358E+03	16.2394E+03	11.2779E+03	77.2032E+02	3.52079E+02
15	28.7946E+03	21.1524E+03	14.6367E+03	9.87817E+02	65.6711E+02	2.82167E+02
16	27.3498E+03	19.6182E+03	13.2046E+03	8.66827E+02	55.9079E+02	2.26290E+02
17	26.0100E+03	18.2168E+03	11.9279E+03	7.5990E+02	47.6337E+02	1.8155E+02
18	24.7684E+03	16.9340E+03	10.7831E+03	6.67329E+02	40.4699E+02	1.45809E+02
19	23.6151E+03	15.7576E+03	9.75662E+02	5.86447E+02	34.4441E+02	1.17143E+02
20	22.5412E+03	14.6748E+03	8.83490E+02	5.15762E+02	29.5744E+02	94.1617E+01
21	21.5391E+03	13.6822E+03	8.02625E+02	4.53878E+02	25.2636E+02	75.7278E+01
22	20.6021E+03	12.7655E+03	7.26039E+02	3.99446E+02	21.5914E+02	60.9303E+01
23	19.7244E+03	11.9194E+03	6.58835E+02	3.52128E+02	18.4626E+02	49.670E+01
24	18.9005E+03	11.1375E+03	5.98219E+02	3.10414E+02	15.7949E+02	39.4982E+01
25	18.1261E+03	10.4139E+03	5.43494E+02	2.73781E+02	13.5189E+02	31.8214E+01
26	17.3969E+03	9.74352E+02	4.94046E+02	2.41588E+02	11.5760E+02	25.4470E+01
27	16.7092E+03	9.12179E+02	4.49327E+02	2.13278E+02	9.91444E+01	20.6702E+01
28	16.0599E+03	8.54460E+02	4.08856E+02	1.88664E+02	8.49818E+01	16.6781E+01
29	15.4458E+03	8.0022E+02	3.72201E+02	1.64433E+02	7.28550E+01	13.4565E+01
30	14.8649E+03	7.50932E+02	3.38958E+02	1.47111E+02	6.24131E+01	10.8408E+01
31	14.3134E+03	7.0449E+02	3.08952E+02	1.30800E+02	5.36031E+01	8.76860E+00
32	13.7904E+03	6.61220E+02	2.81513E+02	1.15062E+02	4.60051E+01	7.0162E+00
33	13.2936E+03	6.20978E+02	2.56890E+02	1.01812E+02	3.94904E+01	5.72091E+00
34	12.8211E+03	5.83237E+02	2.34139E+02	9.01164E+01	3.39112E+01	4.62299E+00
35	12.3714E+03	5.48093E+02	2.13642E+02	7.97896E+01	2.91286E+01	3.73481E+00
36	11.9428E+03	5.15259E+02	1.95003E+02	7.04448E+01	2.50275E+01	3.02132E+00

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 30IN.X 40IN.

AIR GAP = 0.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	20.1178E+04	20.1178E+04	20.1178E+04	20.1178E+04	20.1178E+04	20.1178E+04
1	18.3574E+04	17.3945E+04	16.4769E+04	15.6143E+04	14.8390E+04	13.3632E+04
2	15.8547E+04	14.7427E+04	13.6104E+04	12.5228E+04	11.5084E+04	97.2700E+03
3	13.6976E+04	12.6120E+04	11.4294E+04	10.2721E+04	91.9432E+03	73.3905E+03
4	11.9393E+04	10.9058E+04	97.1910E+03	85.4729E+03	74.6369E+03	56.4195E+03
5	10.4972E+04	95.1272E+03	83.3930E+03	71.7989E+03	61.2012E+03	43.8599E+03
6	92.9724E+03	83.5426E+03	72.0274E+03	60.7134E+03	50.5258E+03	34.3434E+03
7	82.8525E+03	73.7691E+03	62.5241E+03	51.5888E+03	41.9136E+03	27.0247E+03
8	74.2209E+03	65.4305E+03	54.4903E+03	43.9972E+03	34.8931E+03	21.3403E+03
9	66.7899E+03	58.2534E+03	47.6424E+03	37.6319E+03	29.1274E+03	16.8951E+03
10	60.3435E+03	52.0326E+03	41.7683E+03	32.2636E+03	24.3665E+03	13.4018E+03
11	54.7150E+03	45.6097E+03	36.7040E+03	27.7157E+03	20.4194E+03	10.6469E+03
12	49.7734E+03	41.8597E+03	32.3200E+03	23.8492E+03	17.1365E+03	84.6841E+02
13	45.4145E+03	37.6818E+03	28.5119E+03	20.5525E+03	14.3992E+03	67.4225E+02
14	41.5527E+03	33.9941E+03	25.1945E+03	17.7349E+03	12.1122E+03	53.7230E+02
15	38.1183E+03	30.7288E+03	22.2971E+03	15.3219E+03	10.1983E+03	42.8368E+02
16	35.0533E+03	27.8285E+03	19.7609E+03	13.2518E+03	85.9427E+02	34.1771E+02
17	32.3091E+03	25.2463E+03	17.3364E+03	11.4730E+03	72.4832E+02	27.2827E+02
18	29.8447E+03	22.9415E+03	15.5816E+03	99.4293E+02	61.1769E+02	21.7896E+02
19	27.6252E+03	20.8796E+03	13.8610E+02	86.2376E+02	51.6701E+02	17.4103E+02
20	25.6210E+03	19.0311E+03	12.3441E+03	74.0632E+02	43.6691E+02	13.9169E+02
21	23.8066E+03	17.3705E+03	11.0048E+03	65.0413E+02	36.9300E+02	11.1289E+02
22	22.1601E+03	15.8706E+03	98.2061E+02	56.5514E+02	31.2495E+02	89.0271E+01
23	20.6623E+03	14.5284E+03	87.7226E+02	49.2057E+02	26.4577E+02	71.2442E+01
24	19.2970E+03	13.3113E+03	78.4298E+02	42.8442E+02	22.4130E+02	57.0332E+01
25	18.0497E+03	12.2103E+03	70.1827E+02	37.3302E+02	18.9966E+02	45.6723E+01
26	16.9080E+03	11.2126E+03	62.8553E+02	32.5470E+02	16.1091E+02	36.5865E+01
27	15.8607E+03	10.3073E+03	56.3381E+02	28.3963E+02	13.6672E+02	29.3176E+01
28	14.8985E+03	94.8463E+02	50.5353E+02	24.7863E+02	11.6010E+02	23.5003E+01
29	14.0125E+03	87.3598E+02	45.3637E+02	21.6493E+02	98.5174E+01	18.8431E+01
30	13.1957E+03	80.5386E+02	40.7501E+02	18.9198E+02	83.6996E+01	15.1134E+01
31	12.4411E+03	74.3153E+02	36.6307E+02	16.5434E+02	71.1413E+01	12.1256E+01
32	11.7429E+03	68.6307E+02	32.9491E+02	14.4729E+02	60.4928E+01	97.3130E+00
33	11.0960E+03	63.4323E+02	29.6562E+02	12.6880E+02	51.4592E+01	78.1204E+00
34	10.4956E+03	58.6732E+02	26.7086E+02	11.0935E+02	43.7921E+01	62.7309E+00
35	99.3766E+02	54.3115E+02	24.0679E+02	97.1931E+01	37.2817E+01	50.3873E+00
36	94.1830E+02	50.3100E+02	21.7005E+02	85.1919E+01	31.7512E+01	40.4937E+00

RECTANGULAR SLAB SOURCE = 30IN.X 40IN.

AIR GAP = 1.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	18.8495E+04	18.8495E+04	18.8495E+04	18.8495E+04	18.8495E+04	18.8495E+04
1	16.1161E+04	15.5843E+04	15.0263E+04	14.4581E+04	13.8910E+04	12.7885E+04
2	13.6541E+04	13.1784E+04	12.6172E+04	12.0706E+04	11.5431E+04	93.6731E+03
3	12.0431E+04	11.3220E+04	10.6449E+04	95.6945E+03	86.8985E+03	70.8626E+03
4	10.5714E+04	98.4183E+03	89.3319E+03	79.8454E+03	70.6865E+03	54.2402E+03
5	93.5348E+03	86.2308E+03	76.8901E+03	67.2149E+03	58.0424E+03	42.4191E+03
6	83.2985E+03	76.0260E+03	66.5888E+03	56.9350E+03	47.8661E+03	33.2190E+03
7	74.5873E+03	67.3633E+03	57.9385E+03	48.4483E+03	39.8206E+03	28.1381E+03
8	67.0996E+03	59.9333E+03	50.5993E+03	41.3715E+03	33.1719E+03	20.6369E+03
9	60.6111E+03	53.5092E+03	46.3252E+03	35.4271E+03	27.7063E+03	16.3328E+03
10	54.9505E+03	47.6182E+03	38.9294E+03	30.4964E+03	23.1981E+03	12.9551E+03
11	49.9839E+03	43.0292E+03	34.2649E+03	26.1475E+03	19.4437E+03	10.2936E+03
12	45.6045E+03	38.7323E+03	30.7727E+03	22.5759E+03	16.3262E+03	81.0439E+02
13	41.7260E+03	34.9421E+03	26.7477E+03	19.4758E+03	13.7254E+03	65.1618E+02
14	38.2774E+03	31.5875E+03	23.6304E+03	16.2113E+03	11.5528E+03	51.9089E+02
15	35.2008E+03	28.6044E+03	20.9437E+03	14.5121E+03	97.3205E+02	41.3897E+02
16	32.4463E+03	25.9582E+03	18.3872E+03	12.5433E+03	82.0409E+02	33.0235E+02
17	29.9729E+03	23.5922E+03	16.5172E+03	10.8872E+03	69.2499E+02	26.3635E+02
18	27.7454E+03	21.4754E+03	14.6954E+03	94.4933E+02	58.4829E+02	21.6576E+02
19	25.7344E+03	19.5781E+03	13.0893E+03	81.9034E+02	49.4245E+02	16.8277E+02
20	23.9134E+03	17.8795E+03	11.6713E+03	71.2361E+02	41.7967E+02	13.4534E+02
21	22.2613E+03	16.3391E+03	10.4175E+03	61.9450E+02	35.3682E+02	10.7602E+02
22	20.7584E+03	14.9555E+03	93.6742E+02	53.9062E+02	29.9462E+02	84.0961E+01
23	19.3883E+03	13.7057E+03	83.2328E+02	46.9443E+02	25.3698E+02	68.9144E+01
24	18.1368E+03	12.5748E+03	74.4974E+02	40.9094E+02	21.5045E+02	55.1817E+01
25	16.9908E+03	11.5500E+03	66.7349E+02	35.6737E+02	18.2376E+02	44.2011E+01
26	15.9398E+03	10.6190E+03	59.8292E+02	31.1277E+02	15.4748E+02	35.4177E+01
27	14.9741E+03	97.7435E+02	53.6793E+02	27.1774E+02	13.1368E+02	28.3890E+01
28	14.0845E+03	90.0645E+02	48.1971E+02	23.7823E+02	11.1594E+02	22.7425E+01
29	13.2509E+03	83.0384E+02	43.3044E+02	20.7838E+02	94.8043E+01	18.2570E+01
30	12.5075E+03	76.6338E+02	38.9345E+02	18.1497E+02	80.5988E+01	14.4378E+01
31	11.8467E+03	70.7890E+02	35.0312E+02	15.8813E+02	68.5373E+01	11.7554E+01
32	11.1572E+03	65.4409E+02	31.5373E+02	13.9034E+02	58.3104E+01	94.3754E+00
33	10.5344E+03	60.5437E+02	28.4090E+02	12.1777E+02	49.6297E+01	75.7843E+00
34	99.9418E+02	56.0745E+02	25.4098E+02	10.6712E+02	42.2574E+01	60.8742E+00
35	94.7275E+02	51.9398E+02	23.0920E+02	93.5129E+01	35.9460E+01	48.9112E+00
36	89.8600E+02	48.1512E+02	20.6362E+02	82.0524E+01	30.6701E+01	39.3101E+00

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 30IN.X 40IN.

AIR GAP = 2.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	16.3655E+04	16.3655E+04	16.3655E+04	16.3655E+04	16.3655E+04	16.3655E+04
1	13.9998E+04	13.6976E+04	13.3584E+04	12.9936E+04	12.6120E+04	11.8250E+04
2	12.1383E+04	11.7103E+04	11.1883E+04	10.6147E+04	10.0188E+04	80.3376E+03
3	10.6350E+04	10.1469E+04	95.1272E+03	89.1481E+03	81.0237E+03	67.4158E+03
4	94.0464E+03	89.7459E+03	81.6822E+03	73.9723E+03	66.2463E+03	52.1286E+03
5	83.7044E+03	78.1568E+03	70.6279E+03	62.9241E+03	54.6081E+03	40.6938E+03
6	74.9215E+03	69.2032E+03	61.3887E+03	53.1240E+03	45.2426E+03	31.8903E+03
7	67.3830E+03	61.5443E+03	53.5760E+03	45.3158E+03	37.6319E+03	25.1203E+03
8	60.8571E+03	54.9346E+03	46.9123E+03	38.7755E+03	31.3965E+03	19.8484E+03
9	55.1680E+03	49.1905E+03	41.1911E+03	33.2629E+03	26.2571E+03	15.7195E+03
10	50.1789E+03	44.1703E+03	36.2534E+03	28.5940E+03	22.0016E+03	12.4722E+03
11	45.7812E+03	39.7619E+03	31.9738E+03	24.6246E+03	18.4657E+03	9.9181E+02
12	41.8882E+03	35.8750E+03	28.7516E+03	21.2593E+03	15.5195E+03	7.8937E+02
13	38.4274E+03	32.4358E+03	25.0044E+03	18.3448E+03	13.0589E+03	6.2779E+02
14	35.3400E+03	29.3831E+03	22.1642E+03	15.8846E+03	11.0001E+03	5.0344E+02
15	32.5763E+03	26.6659E+03	19.6742E+03	13.7932E+03	9.27461E+02	3.99061E+02
16	30.0949E+03	24.2605E+03	17.4869E+03	11.9041E+03	7.82654E+02	3.18487E+02
17	27.8604E+03	22.0710E+03	15.5618E+03	10.3271E+03	6.69880E+02	2.54329E+02
18	25.8428E+03	20.1255E+03	13.8645E+03	8.96715E+02	5.56632E+02	2.03203E+02
19	24.0163E+03	18.3780E+03	12.3657E+03	7.79290E+02	4.72456E+02	1.62434E+02
20	22.3588E+03	16.8044E+03	11.0402E+03	6.77786E+02	3.99332E+02	1.29932E+02
21	20.8511E+03	15.3855E+03	9.84445E+02	5.89552E+02	3.35578E+02	1.03932E+02
22	19.4764E+03	14.1033E+03	8.82560E+02	5.13672E+02	2.80672E+02	8.1669E+01
23	18.2208E+03	12.9429E+03	7.90151E+02	4.47912E+02	2.42303E+02	6.6682E+01
24	17.0712E+03	11.8911E+03	7.08011E+02	3.90677E+02	2.08288E+02	5.3532E+01
25	16.0188E+03	10.9362E+03	6.34919E+02	3.40970E+02	1.75065E+02	4.27512E+01
26	15.0477E+03	10.0680E+03	5.69809E+02	2.97767E+02	1.48841E+02	3.42678E+01
27	14.1595E+03	9.27765E+02	5.11752E+02	2.60190E+02	1.26265E+02	2.74770E+01
28	13.3226E+03	8.55714E+02	4.59935E+02	2.27482E+02	1.07596E+02	2.20391E+01
29	12.5729E+03	7.89953E+02	4.13639E+02	1.98992E+02	9.12340E+01	1.76829E+01
30	11.8691E+03	7.29854E+02	3.72246E+02	1.74161E+02	7.76022E+01	1.41922E+01
31	11.2127E+03	6.74869E+02	3.35204E+02	1.52504E+02	6.60943E+01	1.13940E+01
32	10.6121E+03	6.24505E+02	3.02027E+02	1.33844E+02	5.62132E+01	9.15024E+00
33	10.0697E+03	5.78226E+02	2.72291E+02	1.17012E+02	4.78713E+01	7.35044E+00
34	95.2626E+02	5.35940E+02	2.45618E+02	1.02683E+02	4.07824E+01	5.92632E+00
35	90.3835E+02	4.94980E+02	2.21675E+02	90.0789E+01	34.7563E+01	4.74725E+00
36	85.8301E+02	4.61186E+02	20.0164E+02	79.0591E+01	29.6399E+01	38.1667E+00

RECTANGULAR SLAB SOURCE = 30IN.X 40IN.

AIR GAP = 3.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	14.1327E+04	14.1327E+04	14.1327E+04	14.1327E+04	14.1327E+04	14.1327E+04
1	12.2240E+04	12.0431E+04	11.8201E+04	11.5867E+04	11.3259E+04	10.7411E+04
2	10.6999E+04	10.4172E+04	10.0485E+04	96.2453E+03	91.8811E+03	82.7066E+03
3	94.5028E+03	91.0204E+03	86.2308E+03	80.7348E+03	74.9458E+03	67.4578E+03
4	84.0678E+03	80.1164E+03	74.5325E+03	68.2128E+03	61.7154E+03	49.3959E+03
5	75.2212E+03	70.9184E+03	64.7702E+03	57.9363E+03	51.8972E+03	39.4820E+03
6	67.6364E+03	63.0636E+03	56.5248E+03	49.6110E+03	42.9746E+03	30.4240E+03
7	61.0808E+03	56.2917E+03	49.4940E+03	42.2759E+03	35.4217E+03	24.8170E+03
8	55.3442E+03	50.4135E+03	43.4452E+03	36.2658E+03	28.6201E+03	19.0044E+03
9	50.3579E+03	45.2738E+03	38.2421E+03	31.1745E+03	24.8154E+03	15.0657E+03
10	45.9449E+03	40.7631E+03	33.7531E+03	26.6514E+03	20.8257E+03	11.9647E+03
11	42.0388E+03	36.7845E+03	29.8318E+03	23.1839E+03	17.5624E+03	9.51581E+02
12	38.5677E+03	33.2688E+03	26.4107E+03	20.0111E+03	14.7282E+03	75.7511E+02
13	35.4705E+03	30.1459E+03	23.4180E+03	17.3494E+03	12.4072E+03	60.3577E+02
14	32.6996E+03	27.3457E+03	20.7940E+03	14.9899E+03	10.4422E+03	43.1387E+02
15	30.2103E+03	24.8841E+03	18.4883E+03	12.9949E+03	8.84492E+02	30.4074E+02
16	27.9695E+03	22.6636E+03	16.4584E+03	11.2767E+03	7.49844E+02	20.6676E+02
17	25.9462E+03	20.6723E+03	14.6683E+03	9.79425E+02	6.30449E+02	14.5013E+02
18	24.1145E+03	18.8827E+03	13.0871E+03	8.51614E+02	5.31314E+02	1.9.5819E+02
19	22.4322E+03	17.2711E+03	11.6883E+03	7.40731E+02	4.51427E+02	1.5.6642E+02
20	20.9402E+03	15.8173E+03	10.4491E+03	6.44920E+02	3.82349E+02	1.2.5314E+02
21	19.5617E+03	14.5053E+03	9.34987E+02	5.61922E+02	3.24032E+02	1.0.3046E+02
22	18.2822E+03	13.3138E+03	8.37363E+02	4.89937E+02	2.74763E+02	8.0.3173E+01
23	17.1491E+03	12.2353E+03	7.50537E+02	4.27454E+02	2.33189E+02	6.1.3378E+01
24	16.0914E+03	11.2599E+03	6.73286E+02	3.71747E+02	1.9.7870E+02	5.1.5564E+01
25	15.1119E+03	10.3852E+03	6.04423E+02	3.23493E+02	1.6.0841E+02	4.1.3207E+01
26	14.2242E+03	9.5468E+02	5.43069E+02	2.84931E+02	1.3.2776E+02	3.3.1412E+01
27	13.3987E+03	8.81444E+02	4.88170E+02	2.4.9174E+02	1.1.1364E+02	2.6.865E+01
28	12.6366E+03	8.1.9012E+02	4.3.9165E+02	2.1.9023E+02	1.0.3209E+02	2.1.3318E+01
29	11.9310E+03	7.5.2181E+02	3.9.5326E+02	1.9.0869E+02	8.7.0863E+01	1.7.1223E+01
30	11.2768E+03	6.9.4444E+02	3.5.4687E+02	1.6.7177E+02	7.4.7359E+01	1.3.7477E+01
31	10.6647E+03	6.4.3923E+02	3.2.0931E+02	1.4.6495E+02	6.3.6313E+01	1.1.8414E+01
32	10.1043E+03	5.9.4448E+02	2.8.9410E+02	1.2.8431E+02	5.4.5995E+01	9.8.705E+00
33	9.57885E+02	5.5.2867E+02	2.6.1127E+02	1.1.2645E+02	4.6.1829E+01	7.1.2038E+00
34	9.09020E+02	5.1.2893E+02	2.3.5732E+02	9.8.8409E+01	3.9.2662E+01	5.7.3027E+00
35	8.63196E+02	4.7.5939E+02	2.1.2914E+02	8.6.7644E+01	3.3.5674E+01	4.4.0724E+00
36	8.2.0479E+02	4.4.2034E+02	1.9.2398E+02	7.6.1949E+01	2.8.6325E+01	3.5.2545E+00

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 30IN.X 40IN.

AIR GAP = 4.0IN.

K = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	12.2990E+04	12.2990E+04	12.2990E+04	12.2990E+04	12.2990E+04	12.2990E+04
1	10.7521E+04	10.6390E+04	10.4972E+04	10.3317E+04	10.1469E+04	97.3433E+03
2	94.8994E+03	92.9724E+03	90.2937E+03	87.0915E+03	83.5426E+03	79.9187E+03
3	84.3830E+03	81.6514E+03	78.1568E+03	74.7691E+03	69.0215E+03	59.3073E+03
4	75.4840E+03	72.4734E+03	67.9884E+03	62.7543E+03	57.2466E+03	48.5096E+03
5	67.8441E+03	64.4632E+03	59.3800E+03	53.5760E+03	47.6424E+03	38.6058E+03
6	61.2786E+03	57.5615E+03	52.0326E+03	45.8758E+03	39.7620E+03	28.8975E+03
7	55.5443E+03	51.5657E+03	45.7210E+03	39.3795E+03	33.2629E+03	22.8678E+03
8	50.5199E+03	46.3271E+03	40.2710E+03	33.8739E+03	27.8804E+03	18.1316E+03
9	46.0940E+03	41.7271E+03	35.5489E+03	29.1904E+03	23.4075E+03	14.3992E+03
10	42.1771E+03	37.6709E+03	31.4318E+03	25.1949E+03	19.4803E+03	11.4501E+03
11	38.6965E+03	34.0896E+03	27.8613E+03	21.7758E+03	16.5645E+03	9.1512E+02
12	35.5919E+03	30.6933E+03	24.6987E+03	18.8447E+03	13.9607E+03	7.2431E+02
13	32.8136E+03	28.0546E+03	21.9417E+03	16.3267E+03	11.7763E+03	5.7921E+02
14	30.3188E+03	25.5198E+03	19.5178E+03	14.1600E+03	9.9424E+02	4.6273E+02
15	28.0723E+03	23.2510E+03	17.3829E+03	12.2928E+03	8.4009E+02	3.6911E+02
16	26.0442E+03	21.2154E+03	15.4991E+03	10.6814E+03	7.1037E+02	2.9492E+02
17	24.2089E+03	19.3858E+03	13.8343E+03	9.2891E+02	6.0119E+02	2.3577E+02
18	22.5415E+03	17.7374E+03	12.3808E+03	8.08473E+02	5.09967E+02	1.8575E+02
19	21.0258E+03	16.2498E+03	11.0548E+03	7.04180E+02	4.3220E+02	1.50894E+02
20	19.6434E+03	14.9048E+03	9.89382E+02	6.13778E+02	3.65561E+02	1.20764E+02
21	18.3806E+03	13.6868E+03	8.84800E+02	5.35959E+02	3.16070E+02	9.67375E+01
22	17.2244E+03	12.5821E+03	7.94909E+02	4.67237E+02	2.83414E+02	7.75015E+01
23	16.1637E+03	11.5785E+03	7.13401E+02	4.08046E+02	2.3427E+02	6.21133E+01
24	15.1887E+03	10.6455E+03	6.40671E+02	3.56564E+02	1.9799E+02	4.9781E+01
25	14.2910E+03	9.83372E+02	5.75769E+02	3.11755E+02	1.61307E+02	3.99383E+01
26	13.4630E+03	9.07503E+02	5.17793E+02	2.72356E+02	1.37153E+02	3.20412E+01
27	12.6978E+03	8.36210E+02	4.65365E+02	2.38708E+02	1.14646E+02	2.57138E+01
28	11.9898E+03	7.68466E+02	4.19588E+02	2.09268E+02	9.82805E+01	2.06442E+01
29	11.3335E+03	7.04258E+02	3.78055E+02	1.83142E+02	8.45198E+01	1.65761E+01
30	10.7242E+03	6.43674E+02	3.40832E+02	1.60331E+02	7.18816E+01	1.3148E+01
31	10.1578E+03	5.86170E+02	3.07645E+02	1.40775E+02	6.13245E+01	1.05683E+01
32	9.63040E+02	5.31040E+02	2.77478E+02	1.23594E+02	5.22675E+01	8.5982E+00
33	9.13893E+02	4.78925E+02	2.50541E+02	1.08998E+02	4.4528E+01	6.91248E+00
34	8.68115E+02	4.29135E+02	2.26348E+02	9.51774E+01	3.80048E+01	5.55847E+00
35	8.25131E+02	4.56140E+02	2.04409E+02	8.36027E+01	3.24261E+01	4.47119E+00
36	7.85008E+02	4.23975E+02	1.85027E+02	7.34633E+01	2.76738E+01	3.59739E+00

RECTANGULAR SLAB SOURCE = 30IN.X 40IN.

AIR GAP = 5.0IN.

K = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	10.7960E+04	10.7960E+04	10.7960E+04	10.7960E+04	10.7960E+04	10.7960E+04
1	95.2310E+03	94.5028E+03	92.5348E+03	92.3633E+03	91.8204E+03	87.9307E+03
2	84.4491E+03	83.2985E+03	81.517E+03	78.8215E+03	74.8200E+03	69.6288E+03
3	75.7074E+03	74.0242E+03	70.7119E+03	67.3633E+03	63.3113E+03	59.1760E+03
4	68.0581E+03	65.7189E+03	62.0621E+03	59.4883E+03	52.0812E+03	43.6031E+03
5	61.4514E+03	58.7220E+03	54.4462E+03	49.4960E+03	44.3252E+03	34.5034E+03
6	55.7011E+03	52.6388E+03	47.9192E+03	42.3559E+03	37.1452E+03	27.3456E+03
7	50.6641E+03	47.3191E+03	42.2521E+03	36.6540E+03	31.1765E+03	21.7648E+03
8	46.2255E+03	42.6443E+03	37.3283E+03	31.6208E+03	26.2832E+03	17.2503E+03
9	42.3027E+03	38.5193E+03	33.0345E+03	27.3179E+03	22.3994E+03	13.7254E+03
10	38.8148E+03	34.8661E+03	29.2852E+03	24.6309E+03	18.5764E+03	10.9320E+03
11	35.7099E+03	31.6203E+03	25.9900E+03	20.4857E+03	15.6457E+03	8.71435E+02
12	32.9197E+03	28.7280E+03	23.1113E+03	17.4359E+03	13.2229E+03	6.95210E+02
13	30.4290E+03	26.1445E+03	20.5711E+03	15.3980E+03	11.1703E+03	5.54999E+02
14	28.1692E+03	23.8906E+03	18.3318E+03	13.3733E+03	9.44339E+02	4.43322E+02
15	26.1368E+03	21.7936E+03	16.3543E+03	11.6299E+03	7.90963E+02	3.54295E+02
16	24.2965E+03	19.8895E+03	14.6095E+03	10.1191E+03	6.76367E+02	2.83390E+02
17	22.6264E+03	18.2019E+03	13.0566E+03	8.81165E+02	5.72958E+02	2.26479E+02
18	21.1871E+03	16.6817E+03	11.6828E+03	7.67871E+02	4.85646E+02	1.81430E+02
19	19.7218E+03	15.3047E+03	10.4629E+03	6.66066E+02	4.11870E+02	1.43273E+02
20	18.3599E+03	14.0410E+03	9.37894E+02	5.84281E+02	3.49688E+02	1.14686E+02
21	17.0960E+03	12.8902E+03	8.41296E+02	5.18184E+02	2.94786E+02	9.24655E+01
22	16.0334E+03	11.8402E+03	7.55277E+02	4.57373E+02	2.50106E+02	7.7506E+01
23	15.2559E+03	10.9682E+03	6.75506E+02	3.99659E+02	2.14143E+02	5.94254E+01
24	14.5958E+03	10.1161E+03	6.10047E+02	3.46017E+02	1.87846E+02	4.80802E+01
25	13.9524E+03	9.38958E+02	5.48824E+02	2.98258E+02	1.59606E+02	3.85875E+01
26	12.5611E+03	8.6204E+02	4.94072E+02	2.61147E+02	1.31770E+02	3.07027E+01
27	12.0479E+03	7.97252E+02	4.43054E+02	2.28764E+02	1.12169E+02	2.46444E+01
28	11.5094E+03	7.3463E+02	4.01177E+02	2.00495E+02	9.51871E+01	1.97191E+01
29	10.7784E+03	6.83742E+02	3.61740E+02	1.75798E+02	8.13719E+01	1.60453E+01
30	10.2122E+03	6.3463E+02	3.24204E+02	1.54210E+02	6.93457E+01	1.28943E+01
31	9.61180E+02	5.87654E+02	2.94782E+02	1.35331E+02	5.91179E+01	1.03698E+01
32	9.10781E+02	5.4304E+02	2.66101E+02	1.18812E+02	5.04161E+01	8.3408E+00
33	8.72444E+02	5.00409E+02	2.40595E+02	1.04351E+02	4.10099E+01	6.70284E+00
34	8.27098E+02	4.61333E+02	2.17496E+02	9.16894E+01	3.47802E+01	5.3235E+00
35	7.84337E+02	4.24756E+02	1.97374E+02	8.03868E+01	3.13311E+01	4.33916E+00
36	7.51794E+02	4.07939E+02	1.78032E+02	7.0372E+01	2.67597E+01	3.47254E+00

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 30IN.X 40IN.

AIR GAP = 6.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	95.4925E+03	95.4925E+03	95.4925E+03	95.4925E+03	95.4925E+03	95.4925E+03
1	84.8617E+03	84.3830E+03	83.7044E+03	82.8525E+03	81.8514E+03	79.4854E+03
2	75.6889E+03	74.9215E+03	73.9995E+03	71.4569E+03	69.2032E+03	64.1036E+03
3	68.2186E+03	66.7899E+03	64.4652E+03	61.5443E+03	58.2534E+03	51.1944E+03
4	61.5969E+03	59.7481E+03	56.7257E+03	53.0220E+03	48.9815E+03	40.7600E+03
5	55.8353E+03	53.6114E+03	50.0166E+03	45.7210E+03	41.1911E+03	32.4308E+03
6	50.7895E+03	48.2351E+03	44.1703E+03	39.4691E+03	34.6616E+03	25.8099E+03
7	46.3462E+03	43.5037E+03	39.0781E+03	34.1122E+03	29.1966E+03	20.5525E+03
8	42.4147E+03	39.3235E+03	34.6275E+03	29.5138E+03	24.6041E+03	16.3771E+03
9	38.9215E+03	35.6174E+03	30.7286E+03	25.5634E+03	20.7557E+03	13.0589E+03
10	35.8059E+03	32.3216E+03	27.3058E+03	22.1642E+03	17.5233E+03	10.4198E+03
11	33.0174E+03	29.3824E+03	24.2952E+03	19.2353E+03	14.8056E+03	8.1918E+02
12	30.5138E+03	26.7544E+03	21.6424E+03	16.7889E+03	12.5183E+03	6.64560E+02
13	28.2592E+03	24.3992E+03	19.3009E+03	14.5259E+03	10.5916E+03	5.31192E+02
14	26.2233E+03	22.2838E+03	17.2310E+03	12.6385E+03	8.96713E+02	4.24768E+02
15	24.3799E+03	20.3758E+03	15.3985E+03	11.0040E+03	7.59648E+02	3.39829E+02
16	22.7088E+03	18.6628E+03	13.7739E+03	9.58912E+02	6.43900E+02	2.71992E+02
17	21.1845E+03	17.1116E+03	12.3519E+03	8.3132E+02	5.46099E+02	2.17785E+02
18	19.7965E+03	15.7096E+03	11.0504E+03	7.20952E+02	4.63802E+02	1.74449E+02
19	18.5280E+03	14.4353E+03	9.91012E+02	6.34957E+02	3.93395E+02	1.39788E+02
20	17.3644E+03	13.2759E+03	8.89447E+02	5.6447E+02	3.34140E+02	1.12054E+02
21	16.3004E+03	12.2294E+03	7.98887E+02	4.98439E+02	2.83943E+02	8.95249E+01
22	15.3208E+03	11.2792E+03	7.18680E+02	4.25395E+02	2.41394E+02	7.0736E+01
23	14.4184E+03	10.4068E+03	6.45853E+02	3.72243E+02	2.05309E+02	5.78311E+01
24	13.5840E+03	9.60465E+02	5.81286E+02	3.25899E+02	1.74691E+02	4.64174E+01
25	12.8166E+03	8.76188E+02	5.23504E+02	2.85465E+02	1.48699E+02	3.72676E+01
26	12.1045E+03	8.01088E+02	4.71749E+02	2.50166E+02	1.24623E+02	2.97302E+01
27	11.4443E+03	7.40649E+02	4.25357E+02	2.19332E+02	1.07845E+02	2.40543E+01
28	10.8313E+03	7.04105E+02	3.83740E+02	1.92383E+02	91.9198E+01	1.93213E+01
29	10.2614E+03	6.52724E+02	3.46381E+02	1.68817E+02	78.3592E+01	1.53303E+01
30	9.73064E+02	6.05562E+02	3.12629E+02	1.48199E+02	66.8221E+01	1.24844E+01
31	9.23584E+02	5.62063E+02	2.82649E+02	1.30151E+02	57.0027E+01	1.04188E+01
32	8.77388E+02	5.22066E+02	2.55511E+02	1.14345E+02	49.6421E+01	8.07754E+00
33	8.34204E+02	4.85207E+02	2.31085E+02	1.04946E+02	41.5288E+01	6.49967E+00
34	7.93798E+02	4.51211E+02	2.09087E+02	88.3562E+01	35.4529E+01	52.3111E+00
35	7.55927E+02	4.19829E+02	1.89244E+02	77.7100E+01	30.2899E+01	42.1116E+00
36	72.0406E+02	39.0839E+02	17.1391E+02	68.3498E+01	25.8709E+01	33.9089E+00

RECTANGULAR SLAB SOURCE = 30IN.X 40IN.

AIR GAP = 7.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	85.0168E+03	85.0168E+03	85.0168E+03	85.0168E+03	85.0168E+03	85.0168E+03
1	76.0256E+03	75.7074E+03	75.2212E+03	74.5873E+03	73.8242E+03	71.9754E+03
2	68.3435E+03	67.6384E+03	66.4556E+03	64.9811E+03	63.0436E+03	58.0198E+03
3	61.7136E+03	60.6111E+03	58.7220E+03	56.2917E+03	53.5095E+03	47.4366E+03
4	55.9459E+03	54.4624E+03	51.9354E+03	48.7717E+03	45.2731E+03	38.6337E+03
5	50.8952E+03	49.0593E+03	45.9820E+03	42.2521E+03	38.2481E+03	30.4250E+03
6	46.4477E+03	44.2930E+03	40.7631E+03	36.6174E+03	32.3279E+03	24.3164E+03
7	42.5124E+03	40.0739E+03	36.1817E+03	31.7533E+03	27.5117E+03	19.4285E+03
8	39.0161E+03	36.3274E+03	32.1543E+03	27.5877E+03	23.0483E+03	15.9241E+03
9	35.8974E+03	32.9899E+03	28.6194E+03	23.9275E+03	19.3295E+03	12.4072E+03
10	33.1046E+03	30.0119E+03	25.4893E+03	20.7940E+03	16.3243E+03	9.91917E+02
11	30.5996E+03	27.3454E+03	22.7245E+03	18.0841E+03	13.9890E+03	7.93287E+02
12	28.3424E+03	24.9534E+03	20.2848E+03	15.7388E+03	11.8498E+03	63.4442E+02
13	26.3038E+03	22.8033E+03	18.1249E+03	13.7071E+03	10.0415E+03	50.7941E+02
14	24.4580E+03	20.8644E+03	16.2101E+03	11.9450E+03	8.71474E+02	40.3668E+02
15	22.7824E+03	19.1183E+03	14.5107E+03	10.4175E+03	7.72265E+02	32.5782E+02
16	21.2578E+03	17.5380E+03	13.0005E+03	9.09049E+02	61.3801E+02	26.9145E+02
17	19.8474E+03	16.1049E+03	11.6570E+03	7.93727E+02	52.0518E+02	20.9133E+02
18	18.5967E+03	14.8086E+03	10.4405E+03	6.93439E+02	44.2175E+02	16.7643E+02
19	17.4329E+03	13.6293E+03	9.33077E+02	6.06163E+02	37.9793E+02	13.4459E+02
20	16.3450E+03	12.5564E+03	8.4204E+02	5.38154E+02	31.5714E+02	10.7664E+02
21	15.3832E+03	11.5789E+03	7.59187E+02	4.83919E+02	27.1774E+02	8.65949E+01
22	14.4780E+03	10.6872E+03	6.83181E+02	4.06163E+02	23.1261E+02	6.94762E+01
23	13.6445E+03	9.87277E+02	6.15173E+02	3.59796E+02	19.6836E+02	5.59734E+01
24	12.8733E+03	9.12794E+02	5.54271E+02	3.11773E+02	16.7445E+02	4.48010E+01
25	12.1594E+03	8.44599E+02	4.96906E+02	2.73942E+02	14.2815E+02	3.59728E+01
26	11.4975E+03	7.82093E+02	4.50734E+02	2.39752E+02	12.1787E+02	2.89245E+01
27	10.8829E+03	7.24739E+02	4.06797E+02	2.10379E+02	10.3754E+02	2.34275E+01
28	10.3114E+03	6.72040E+02	3.67533E+02	1.84480E+02	8.84792E+01	1.86918E+01
29	9.7911E+02	6.23627E+02	3.31862E+02	1.62105E+02	7.54779E+01	1.50314E+01
30	9.28290E+02	5.79059E+02	2.99961E+02	1.42494E+02	6.48876E+01	1.20744E+01
31	8.81941E+02	5.38000E+02	2.71252E+02	1.25222E+02	5.49780E+01	9.72877E+00
32	8.38204E+02	5.01522E+02	2.45401E+02	1.09922E+02	4.69452E+01	7.82722E+00
33	7.96073E+02	4.68231E+02	2.21180E+02	9.62306E+01	4.06455E+01	6.52865E+00
34	7.56877E+02	4.37986E+02	2.01113E+02	8.51823E+01	3.42450E+01	5.07495E+00
35	7.20433E+02	4.09184E+02	1.82714E+02	7.46657E+01	2.92739E+01	4.0.8719E+00
36	6.90957E+02	3.75628E+02	1.65083E+02	6.59955E+01	2.50241E+01	3.29244E+00

CONALY 60 SOURCE

RECTANGULAR SLAB SOURCE = 30IN.X 60IN.

AIR GAP = 0.01IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	20.1179E+04	20.1179E+04	20.1179E+04	20.1179E+04	20.1179E+04	20.1179E+04
1	19.5561E+04	17.9203E+04	16.5557E+04	15.6639E+04	14.8392E+04	13.3747E+04
2	16.3559E+04	15.0539E+04	13.7493E+04	12.6347E+04	11.5734E+04	9.74805E+03
3	14.3841E+04	13.0452E+04	11.6898E+04	10.4248E+04	92.8124E+03	73.4461E+03
4	12.7312E+04	11.4126E+04	10.0231E+04	87.2366E+03	75.6292E+03	56.7239E+03
5	11.3484E+04	10.0436E+04	84.6498E+03	73.4698E+03	62.2374E+03	44.1737E+03
6	10.1804E+04	89.2988E+03	75.4433E+03	62.4688E+03	51.6074E+03	34.6506E+03
7	91.8292E+03	79.6474E+03	64.0164E+03	53.5398E+03	42.9927E+03	27.3321E+03
8	83.2221E+03	71.3393E+03	57.9798E+03	45.9484E+03	35.9494E+03	21.6341E+03
9	75.7327E+03	64.1237E+03	51.0851E+03	39.5377E+03	30.1475E+03	17.1714E+03
10	69.1460E+03	57.8153E+03	45.1313E+03	34.1048E+03	25.3401E+03	13.6587E+03
11	63.3774E+03	52.2672E+03	39.9430E+03	29.4788E+03	21.3394E+03	10.8029E+03
12	58.2421E+03	47.3439E+03	35.4574E+03	25.3247E+03	17.9987E+03	8.6314E+02
13	53.6457E+03	43.0121E+03	31.5152E+03	22.1348E+03	15.2015E+03	69.3594E+02
14	49.5700E+03	39.1337E+03	28.0554E+03	19.2205E+03	12.8539E+03	55.4544E+02
15	45.8904E+03	35.6715E+03	25.0109E+03	16.7099E+03	10.8801E+03	44.3771E+02
16	42.5734E+03	32.5648E+03	22.3254E+03	14.5427E+03	92.1779E+02	35.9370E+02
17	39.5730E+03	29.7746E+03	19.9523E+03	12.6489E+03	78.1590E+02	28.4763E+02
18	36.8530E+03	27.2440E+03	17.4507E+03	11.0463E+03	66.3219E+02	22.8314E+02
19	34.3785E+03	24.9937E+03	15.9844E+03	96.3944E+02	56.3160E+02	18.3154E+02
20	32.1224E+03	22.9439E+03	14.3307E+03	84.1813E+02	47.8499E+02	14.6592E+02
21	30.0605E+03	21.0847E+03	12.8574E+03	73.5475E+02	40.6804E+02	11.8829E+02
22	28.1720E+03	19.3970E+03	11.5454E+03	64.3342E+02	34.6040E+02	94.8095E+01
23	26.4384E+03	17.8424E+03	10.3752E+03	56.2945E+02	29.4502E+02	74.1872E+01
24	24.8445E+03	16.4454E+03	93.3848E+02	49.2882E+02	25.0741E+02	61.2449E+01
25	23.3738E+03	15.1913E+03	83.8472E+02	43.1775E+02	21.3413E+02	49.2501E+01
26	22.0201E+03	14.0280E+03	75.6138E+02	37.8441E+02	18.2046E+02	39.6173E+01
27	20.7648E+03	12.9444E+03	68.1388E+02	33.1859E+02	15.5207E+02	31.8785E+01
28	19.6041E+03	11.9910E+03	61.4303E+02	29.1144E+02	13.2374E+02	25.4990E+01
29	18.5297E+03	11.0909E+03	55.4174E+02	25.5343E+02	11.2945E+02	20.6986E+01
30	17.5299E+03	10.2806E+03	50.0205E+02	22.4369E+02	96.4001E+01	16.6375E+01
31	16.5999E+03	9.52910E+02	45.1723E+02	19.7114E+02	82.3066E+01	13.4023E+01
32	15.7338E+03	8.83837E+02	40.8143E+02	17.3222E+02	70.2946E+01	10.7992E+01
33	14.9240E+03	8.20289E+02	36.8942E+02	15.2284E+02	60.0577E+01	8.70370E+00
34	14.1710E+03	7.61770E+02	33.3599E+02	13.3924E+02	51.3255E+01	70.1649E+00
35	13.4667E+03	7.07838E+02	30.1882E+02	11.7820E+02	43.8757E+01	56.5744E+00
36	12.8071E+03	6.58071E+02	27.3247E+02	10.3686E+02	37.5177E+01	45.4298E+00

RECTANGULAR SLAB SOURCE = 30IN.X 60IN.

AIR GAP = 1.01IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	19.0979E+04	19.0979E+04	19.0979E+04	19.0979E+04	19.0979E+04	19.0979E+04
1	16.4762E+04	16.0314E+04	15.3793E+04	14.7344E+04	14.1056E+04	12.9136E+04
2	14.5930E+04	13.7204E+04	12.8144E+04	11.9112E+04	11.0426E+04	96.6201E+03
3	12.8744E+04	11.9301E+04	10.8876E+04	98.5394E+03	88.7824E+03	71.6469E+03
4	11.4540E+04	10.4761E+04	93.4224E+03	82.6454E+03	72.4722E+03	55.2368E+03
5	10.2630E+04	92.7973E+03	81.1820E+03	69.9435E+03	59.7336E+03	43.8377E+03
6	92.4491E+03	82.5313E+03	70.8267E+03	59.5713E+03	49.5400E+03	33.7751E+03
7	85.7747E+03	73.8254E+03	62.8827E+03	50.9772E+03	41.8175E+03	26.6533E+03
8	76.2020E+03	64.2945E+03	54.6213E+03	43.7820E+03	34.5700E+03	21.6826E+03
9	69.5759E+03	59.7168E+03	48.2034E+03	37.7117E+03	29.6075E+03	16.7354E+03
10	63.7371E+03	53.9730E+03	42.6492E+03	32.3683E+03	24.3944E+03	13.3099E+03
11	58.5436E+03	48.8294E+03	37.8178E+03	28.1690E+03	20.3525E+03	10.6049E+03
12	53.9533E+03	44.2893E+03	33.5978E+03	24.4114E+03	17.3444E+03	84.6147E+02
13	49.8737E+03	40.1823E+03	29.8995E+03	21.1844E+03	14.6592E+03	67.9010E+02
14	46.1324E+03	36.8041E+03	26.6484E+03	18.4113E+03	12.3905E+03	54.8437E+02
15	42.7940E+03	33.5923E+03	23.7833E+03	16.0184E+03	10.4955E+03	43.2517E+02
16	39.7810E+03	30.7284E+03	21.2524E+03	13.9312E+03	88.9953E+02	34.6793E+02
17	37.0467E+03	28.1287E+03	19.0128E+03	12.1622E+03	75.4952E+02	27.7487E+02
18	34.5594E+03	25.7897E+03	17.0247E+03	10.6118E+03	64.0935E+02	22.2469E+02
19	32.2925E+03	23.6754E+03	15.2433E+03	92.6447E+02	54.4457E+02	17.8599E+02
20	30.2204E+03	21.7577E+03	13.6947E+03	80.9764E+02	46.2811E+02	14.3343E+02
21	28.3232E+03	20.0104E+03	12.2977E+03	70.8109E+02	39.3437E+02	11.5131E+02
22	26.5812E+03	18.4340E+03	11.0320E+03	61.9613E+02	33.4962E+02	92.4975E+01
23	24.9803E+03	16.9947E+03	99.3995E+02	54.2501E+02	28.5210E+02	74.3427E+01
24	23.5049E+03	15.6873E+03	89.4532E+02	47.3254E+02	24.2940E+02	59.7731E+01
25	22.1431E+03	14.4844E+03	80.3673E+02	41.0505E+02	20.7801E+02	48.6755E+01
26	20.8940E+03	13.3881E+03	72.6871E+02	36.5807E+02	17.6514E+02	38.6777E+01
27	19.7400E+03	12.3845E+03	65.4890E+02	32.0910E+02	15.0549E+02	31.1200E+01
28	18.6367E+03	11.4640E+03	59.0604E+02	28.1334E+02	12.6451E+02	25.0633E+01
29	17.6322E+03	10.6210E+03	53.3218E+02	24.7854E+02	10.7637E+02	20.1814E+01
30	16.7253E+03	9.84840E+02	48.1394E+02	21.7940E+02	9.15167E+01	16.2344E+01
31	15.9270E+03	9.13340E+02	43.5189E+02	19.0949E+02	7.93391E+01	13.8077E+01
32	15.0163E+03	8.47819E+02	39.3441E+02	16.7793E+02	6.8104E+01	10.5557E+01
33	14.2304E+03	7.87450E+02	35.3640E+02	14.7380E+02	5.88077E+01	8.50930E+00
34	13.5500E+03	7.31804E+02	32.2811E+02	12.9774E+02	4.97900E+01	6.94642E+00
35	12.8648E+03	6.80471E+02	29.1505E+02	11.4217E+02	4.26787E+01	5.53314E+00
36	12.2459E+03	6.33070E+02	26.3994E+02	10.0530E+02	3.65050E+01	4.46342E+00

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 30IN.X 60IN.

AIR GAP = 2.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	16.9890E+04	16.9890E+04	16.9890E+04	16.9890E+04	16.9890E+04	16.9890E+04
1	14.7844E+04	14.7844E+04	13.9518E+04	13.5024E+04	13.0495E+04	12.1349E+04
2	13.0046E+04	12.4247E+04	11.7593E+04	11.0427E+04	10.3607E+04	90.9376E+03
3	11.5540E+04	10.8715E+04	10.0634E+04	92.2225E+03	83.9817E+03	68.9177E+03
4	10.3379E+04	95.9044E+03	86.9691E+03	77.7319E+03	68.8692E+03	53.3244E+03
5	9.31137E+03	85.3204E+03	75.7301E+03	66.0164E+03	56.9379E+03	41.6421E+03
6	84.2898E+03	76.2390E+03	66.2802E+03	56.3768E+03	47.3454E+03	32.7252E+03
7	76.6421E+03	68.4145E+03	58.2510E+03	48.3442E+03	39.5377E+03	25.6345E+03
8	69.9579E+03	61.6112E+03	51.3644E+03	41.5961E+03	33.1263E+03	20.4632E+03
9	64.0744E+03	55.6526E+03	45.4217E+03	35.8837E+03	27.0246E+03	16.2507E+03
10	58.8653E+03	50.4029E+03	40.2399E+03	31.0240E+03	23.4248E+03	12.9316E+03
11	54.2288E+03	45.7547E+03	35.7574E+03	26.8725E+03	19.7553E+03	10.3074E+03
12	50.0835E+03	41.6217E+03	31.6152E+03	23.3139E+03	16.6828E+03	8.22634E+02
13	46.3423E+03	37.9332E+03	28.3525E+03	20.2548E+03	14.1073E+03	6.97371E+02
14	43.0097E+03	34.6307E+03	25.3026E+03	17.6189E+03	11.9427E+03	5.25786E+02
15	39.9791E+03	31.6459E+03	22.6099E+03	15.3430E+03	10.1201E+03	4.02894E+02
16	37.2314E+03	28.9964E+03	20.2275E+03	13.3743E+03	8.58325E+02	3.27177E+02
17	34.7931E+03	26.5801E+03	18.1154E+03	11.6489E+03	7.28533E+02	2.70210E+02
18	32.6559E+03	24.4102E+03	16.2404E+03	10.1893E+03	6.18846E+02	2.16797E+02
19	30.7971E+03	22.4370E+03	14.5727E+03	8.90416E+02	5.26064E+02	1.73985E+02
20	28.4449E+03	20.6461E+03	13.0875E+03	7.78455E+02	4.47361E+02	1.39495E+02
21	26.7929E+03	19.0177E+03	11.7631E+03	6.81377E+02	3.80484E+02	1.12214E+02
22	25.1122E+03	17.5349E+03	10.5808E+03	5.96615E+02	3.26122E+02	9.01780E+01
23	23.6304E+03	16.1826E+03	9.52403E+02	5.22697E+02	2.76095E+02	7.24946E+01
24	22.2678E+03	14.9477E+03	8.57038E+02	4.58186E+02	2.35292E+02	5.83014E+01
25	20.9983E+03	13.8184E+03	7.73188E+02	4.01842E+02	2.04046E+02	4.64930E+01
26	19.8274E+03	12.7848E+03	6.97296E+02	3.52598E+02	1.71102E+02	3.74544E+01
27	18.7413E+03	11.8373E+03	6.29213E+02	3.09538E+02	1.45994E+02	3.03951E+01
28	17.7323E+03	10.9679E+03	5.68088E+02	2.71842E+02	1.26416E+02	2.44672E+01
29	16.7941E+03	10.1692E+03	5.13149E+02	2.38842E+02	1.08486E+02	1.97874E+01
30	15.9201E+03	9.43505E+02	4.63780E+02	2.09972E+02	9.08873E+01	1.59773E+01
31	15.1049E+03	8.75934E+02	4.19360E+02	1.84592E+02	7.70567E+01	1.27033E+01
32	14.3437E+03	8.13693E+02	3.79361E+02	1.62378E+02	6.63724E+01	1.00914E+01
33	13.6320E+03	7.56319E+02	3.43327E+02	1.42873E+02	5.67499E+01	8.21644E+00
34	12.9657E+03	7.03571E+02	3.10448E+02	1.25760E+02	4.85275E+01	6.70696E+00
35	12.3481E+03	6.54684E+02	2.80555E+02	1.10733E+02	4.15116E+01	5.41010E+00
36	11.7795E+03	6.09307E+02	2.53122E+02	9.75313E+01	3.53800E+01	4.36506E+00

RECTANGULAR SLAB SOURCE = 30IN.X 60IN.

AIR GAP = 3.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	14.9711E+04	14.9711E+04	14.9711E+04	14.9711E+04	14.9711E+04	14.9711E+04
1	13.1348E+04	12.8744E+04	12.5810E+04	12.2636E+04	11.9301E+04	11.2379E+04
2	11.6459E+04	11.2347E+04	10.7423E+04	10.2823E+04	98.4312E+03	95.3398E+03
3	10.4104E+04	99.0545E+03	92.7873E+03	85.8279E+03	78.8765E+03	65.7161E+03
4	93.6332E+03	87.9594E+03	80.8163E+03	72.7821E+03	63.6727E+03	51.1290E+03
5	84.7643E+03	78.3461E+03	70.5801E+03	62.8827E+03	54.8293E+03	40.8482E+03
6	77.0477E+03	70.4552E+03	61.9253E+03	53.1955E+03	43.8545E+03	31.5638E+03
7	70.3110E+03	63.4336E+03	54.5868E+03	45.7373E+03	37.7117E+03	24.9593E+03
8	64.3886E+03	57.2902E+03	48.2570E+03	39.4377E+03	31.6523E+03	19.7954E+03
9	59.1475E+03	51.8831E+03	42.7640E+03	34.0834E+03	26.8323E+03	15.7347E+03
10	54.4852E+03	47.0904E+03	37.9813E+03	29.5173E+03	22.4408E+03	12.5326E+03
11	50.3187E+03	42.8464E+03	33.7938E+03	25.4845E+03	18.9527E+03	9.96264E+02
12	46.5794E+03	39.0929E+03	30.1170E+03	22.2428E+03	16.2802E+03	7.90311E+02
13	43.2114E+03	35.6370E+03	26.8794E+03	19.3474E+03	13.3618E+03	6.38253E+02
14	40.1673E+03	32.4804E+03	24.0213E+03	16.8462E+03	11.4080E+03	5.16743E+02
15	37.4080E+03	29.6442E+03	21.4928E+03	14.6867E+03	9.74466E+02	4.26035E+02
16	34.8994E+03	27.0810E+03	19.2313E+03	12.8147E+03	8.27121E+02	3.67613E+02
17	32.6129E+03	25.1498E+03	17.2615E+03	11.1907E+03	7.02557E+02	2.86286E+02
18	30.5237E+03	23.1262E+03	15.4913E+03	9.70013E+02	5.97158E+02	21.6938E+01
19	28.6104E+03	21.2784E+03	13.9149E+03	8.53494E+02	5.07882E+02	16.9342E+01
20	26.8545E+03	19.6048E+03	12.5098E+03	7.62569E+02	4.32211E+02	13.6814E+01
21	25.2397E+03	18.0788E+03	11.2536E+03	6.93264E+02	3.68066E+02	10.9292E+01
22	23.7522E+03	16.6728E+03	10.1315E+03	6.34326E+02	3.13496E+02	8.70563E+01
23	22.3791E+03	15.3612E+03	9.12743E+02	5.83950E+02	2.67182E+02	7.06513E+01
24	21.1096E+03	14.2553E+03	8.22007E+02	5.41503E+02	2.27810E+02	5.69575E+01
25	19.9398E+03	13.1913E+03	7.42180E+02	5.03618E+02	1.94321E+02	4.57370E+01
26	18.8633E+03	12.1608E+03	6.69037E+02	4.69198E+02	1.69819E+02	3.68173E+01
27	17.8789E+03	11.1628E+03	6.04875E+02	4.38033E+02	1.49542E+02	2.96640E+01
28	16.9890E+03	10.1993E+03	5.48971E+02	4.09787E+02	1.28974E+02	2.39784E+01
29	16.1856E+03	9.27235E+02	4.93998E+02	3.84108E+02	1.09324E+02	1.9381E+01
30	15.4591E+03	8.46116E+02	4.46735E+02	3.60555E+02	9.02335E+01	1.54036E+01
31	14.7978E+03	7.74848E+02	4.04801E+02	3.38413E+02	7.34184E+01	1.24973E+01
32	14.1932E+03	7.13531E+02	3.66828E+02	3.17214E+02	6.44044E+01	1.01763E+01
33	13.6439E+03	6.61923E+02	3.32448E+02	2.96618E+02	5.57131E+01	8.2627E+00
34	13.1464E+03	6.20331E+02	3.01522E+02	2.76408E+02	4.71829E+01	6.55096E+00
35	12.6981E+03	5.87901E+02	2.72017E+02	2.56444E+02	4.03749E+01	5.28864E+00
36	11.2756E+03	5.67104E+02	2.46412E+02	2.36894E+01	3.43500E+01	4.26814E+00

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 300CM X 100

AIR GAP = 4.0IN.

0.0000 Y=0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	0.1	0.3	0.5	0.7	0.9	1.3
0	29.2486E+04	13.2486E+04	13.2486E+04	13.2486E+04	13.2486E+04	13.2486E+04
1	11.7281E+04	11.554CE+04	11.3486E+04	11.1192E+04	10.8715E+04	10.3399E+04
2	10.4743E+04	10.1803E+04	98.0612E+03	93.6103E+03	89.2998E+03	80.2269E+03
3	94.1979E+03	90.3793E+03	85.3204E+03	79.4474E+03	73.7636E+03	62.7653E+03
4	85.1945E+03	80.6974E+03	74.6381E+03	67.9705E+03	61.2527E+03	48.7744E+03
5	77.4171E+03	72.3838E+03	65.5753E+03	58.2510E+03	51.0851E+03	38.3861E+03
6	70.6358E+03	65.1725E+03	57.8153E+03	50.0924E+03	42.7545E+03	30.3271E+03
7	64.6774E+03	58.8672E+03	51.1222E+03	43.1975E+03	35.8637E+03	24.0369E+03
8	59.4386E+03	53.3187E+03	45.3156E+03	37.3387E+03	30.1869E+03	19.0566E+03
9	54.7237E+03	48.4106E+03	40.2538E+03	32.3385E+03	25.4435E+03	15.2015E+03
10	50.5382E+03	44.0476E+03	35.8237E+03	28.0554E+03	21.4804E+03	12.1203E+03
11	46.7831E+03	40.1558E+03	31.9535E+03	24.3755E+03	18.1598E+03	9.7645E+02
12	43.4014E+03	36.6706E+03	28.5073E+03	21.2958E+03	15.3711E+03	77.3435E+02
13	40.3435E+03	33.5488E+03	25.4824E+03	18.4694E+03	13.0244E+03	61.8796E+02
14	37.5757E+03	30.7200E+03	22.8957E+03	16.1031E+03	11.8463E+03	49.5493E+02
15	35.0578E+03	28.1867E+03	20.4325E+03	14.0529E+03	9.7452E+02	39.7054E+02
16	32.7827E+03	25.8883E+03	18.3247E+03	12.2745E+03	79.4517E+02	31.8578E+02
17	30.6461E+03	23.8053E+03	16.4497E+03	10.7291E+03	67.7092E+02	25.5449E+02
18	28.7459E+03	21.9142E+03	14.7746E+03	93.6528E+02	57.5935E+02	20.5066E+02
19	26.9637E+03	20.1942E+03	13.2893E+03	82.1512E+02	49.0175E+02	16.4700E+02
20	25.3632E+03	18.6273E+03	11.9595E+03	71.9559E+02	41.7409E+02	13.2340E+02
21	23.8701E+03	17.1979E+03	10.7687E+03	63.0589E+02	35.5623E+02	10.6382E+02
22	22.4470E+03	15.8921E+03	97.0367E+02	55.2937E+02	30.3124E+02	85.5431E+01
23	21.2177E+03	14.6974E+03	87.4933E+02	48.3894E+02	25.8488E+02	68.0196E+01
24	20.0317E+03	13.6035E+03	78.9344E+02	42.5784E+02	22.0516E+02	55.3012E+01
25	18.9431E+03	12.6004E+03	71.2805E+02	37.3894E+02	18.8196E+02	44.5815E+01
26	17.9262E+03	11.6795E+03	64.7435E+02	32.8474E+02	16.0672E+02	35.8981E+01
27	16.9803E+03	10.8333E+03	58.1639E+02	28.8498E+02	13.7222E+02	28.9147E+01
28	16.0991E+03	10.0550E+03	52.5874E+02	25.3825E+02	11.7233E+02	23.2942E+01
29	15.2772E+03	9.3383E+02	47.3578E+02	22.3254E+02	10.0189E+02	18.7744E+01
30	14.5096E+03	8.6710E+02	43.0448E+02	19.6437E+02	8.6484E+01	15.1341E+01
31	13.7918E+03	8.0508E+02	38.9723E+02	17.2981E+02	7.5239E+01	12.2027E+01
32	13.1199E+03	7.4693E+02	35.2981E+02	15.2236E+02	6.6468E+01	9.84137E+00
33	12.4902E+03	6.9284E+02	31.7811E+02	13.4084E+02	5.9684E+01	7.93808E+00
34	11.9041E+03	6.4275E+02	28.4905E+02	11.8132E+02	5.4727E+01	6.40545E+00
35	11.3644E+03	6.0044E+02	25.4277E+02	10.4118E+02	5.0245E+01	5.14037E+00
36	10.8227E+03	5.65232E+02	23.0453E+02	91.7783E+01	33.6241E+01	41.7269E+00

RECTANGULAR SLAB SOURCE = 30IN X 60IN.

AIR GAP = 5.0IN.

X = 0.0000 Y=0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	0.1	0.3	0.5	0.7	0.9	1.3
0	11.8009E+04	11.8009E+04	11.8009E+04	11.8009E+04	11.8009E+04	11.8009E+04
1	10.5305E+04	10.4106E+04	10.2630E+04	10.0931E+04	99.0545E+03	94.9123E+03
2	94.6524E+03	92.4941E+03	89.6819E+03	86.2197E+03	82.5313E+03	74.7466E+03
3	85.5764E+03	82.6325E+03	78.9461E+03	73.8234E+03	68.8193E+03	58.7902E+03
4	77.7474E+03	74.1589E+03	69.1051E+03	63.3427E+03	57.5194E+03	46.1527E+03
5	70.9275E+03	66.8001E+03	60.9899E+03	54.5040E+03	48.2034E+03	36.4524E+03
6	64.8394E+03	60.3618E+03	53.6738E+03	47.1172E+03	40.4925E+03	29.0584E+03
7	59.4449E+03	54.6732E+03	47.6747E+03	40.7547E+03	34.0853E+03	23.6895E+03
8	54.6427E+03	49.6768E+03	42.5519E+03	35.3199E+03	28.7432E+03	18.3011E+03
9	50.3413E+03	45.2133E+03	37.6884E+03	30.6874E+03	24.2754E+03	14.6599E+03
10	46.4724E+03	41.2343E+03	33.7981E+03	26.4484E+03	20.5299E+03	11.7012E+03
11	43.5791E+03	37.6493E+03	30.1701E+03	23.1927E+03	17.3825E+03	93.5278E+02
12	40.5138E+03	34.4673E+03	26.9870E+03	20.2077E+03	14.7528E+03	74.8209E+02
13	37.7348E+03	31.5834E+03	24.1617E+03	17.6247E+03	12.4985E+03	59.9199E+02
14	35.2078E+03	28.9804E+03	21.6595E+03	15.3860E+03	10.6118E+03	48.0174E+02
15	32.8355E+03	26.6252E+03	19.4289E+03	13.4428E+03	9.1667E+02	38.5049E+02
16	30.6019E+03	24.4901E+03	17.4465E+03	11.7541E+03	7.6449E+02	30.8791E+02
17	28.5753E+03	22.5559E+03	15.6801E+03	10.2848E+03	6.52294E+02	24.8327E+02
18	26.7044E+03	20.7867E+03	14.1037E+03	9.0509E+02	5.52446E+02	19.4215E+02
19	25.0188E+03	19.1791E+03	12.6953E+03	7.89949E+02	4.72917E+02	15.0082E+02
20	23.5038E+03	17.7126E+03	11.4353E+03	6.91595E+02	4.027994E+02	12.8698E+02
21	22.0611E+03	16.3716E+03	10.3075E+03	6.04891E+02	3.43567E+02	10.7495E+02
22	21.3225E+03	15.1444E+03	9.29457E+02	5.2888E+02	2.92631E+02	8.92465E+01
23	20.1384E+03	14.0229E+03	8.34975E+02	4.67516E+02	2.50304E+02	67.0061E+01
24	19.0399E+03	12.9990E+03	7.57547E+02	4.18441E+02	2.13421E+02	53.9422E+01
25	18.0195E+03	12.0434E+03	6.84414E+02	3.68677E+02	1.82296E+02	43.4555E+01
26	17.0781E+03	11.1735E+03	6.18444E+02	3.17041E+02	1.56678E+02	34.9903E+01
27	16.1857E+03	10.3738E+03	5.59469E+02	2.74827E+02	1.34013E+02	28.1927E+01
28	15.3487E+03	9.61989E+02	5.06162E+02	2.43274E+02	1.13492E+02	22.7210E+01
29	14.5601E+03	8.91643E+02	4.58174E+02	2.13873E+02	97.2088E+01	18.3125E+01
30	13.8496E+03	8.27042E+02	4.14981E+02	1.86455E+02	83.1362E+01	14.7708E+01
31	13.1949E+03	7.67906E+02	3.75864E+02	1.61362E+02	71.1221E+01	11.9125E+01
32	12.5824E+03	7.12117E+02	3.40388E+02	1.47433E+02	60.8609E+01	9.61002E+00
33	11.9494E+03	6.61717E+02	3.08829E+02	1.29917E+02	52.0931E+01	77.3427E+00
34	11.3121E+03	6.24417E+02	2.80097E+02	1.15915E+02	44.5990E+01	62.5821E+00
35	10.6802E+03	5.84051E+02	2.54418E+02	1.04968E+02	38.1937E+01	50.5184E+00
36	10.0451E+03	5.47992E+02	2.30631E+02	89.0488E+01	32.7154E+01	40.7883E+00

CORAL 40 SOURCE

RECTANGULAR SLAB SOURCE = 30IN.X 60IN.

AIR GAP = 6.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	10.5781E+04	10.5781E+04	10.5781E+04	10.5781E+04	10.5781E+04	10.5781E+04
1	95.0418E+03	94.1979E+03	93.1137E+03	91.8292E+03	90.3793E+03	87.1004E+03
2	85.9048E+03	84.2890E+03	82.6170E+03	79.2631E+03	76.2390E+03	69.6388E+03
3	76.0357E+03	75.7327E+03	72.3838E+03	68.4145E+03	64.1237E+03	55.3411E+03
4	71.1547E+03	69.2815E+03	64.0233E+03	59.0960E+03	53.9396E+03	43.9332E+03
5	65.1727E+03	61.7495E+03	56.7501E+03	51.1222E+03	45.4217E+03	34.9100E+03
6	59.0612E+03	55.9073E+03	50.4029E+03	44.2929E+03	38.3001E+03	27.7704E+03
7	55.1415E+03	50.0017E+03	44.0442E+03	38.4320E+03	32.3305E+03	22.1348E+03
8	50.9249E+03	46.3379E+03	39.9672E+03	33.3934E+03	27.3391E+03	17.4607E+03
9	47.1670E+03	42.2791E+03	35.6715E+03	29.0915E+03	23.1391E+03	14.1073E+03
10	43.7438E+03	38.6417E+03	31.8803E+03	25.3826E+03	19.6050E+03	11.2804E+03
11	40.6690E+03	35.3724E+03	29.5248E+03	22.0603E+03	16.6261E+03	9.2815E+02
12	37.8823E+03	32.4263E+03	25.5481E+03	19.2516E+03	14.1180E+03	7.23137E+02
13	35.3491E+03	29.7653E+03	22.9168E+03	16.8150E+03	11.9370E+03	5.79631E+02
14	33.0404E+03	27.3582E+03	20.3494E+03	14.6984E+03	10.1073E+03	4.64901E+02
15	30.9310E+03	25.1171E+03	18.4794E+03	12.8574E+03	8.6460E+02	3.73095E+02
16	28.9992E+03	23.1805E+03	16.8155E+03	11.2550E+03	7.7616E+02	2.9574E+02
17	27.2242E+03	21.3796E+03	14.9511E+03	9.8335E+02	6.2.8116E+02	2.4.0655E+02
18	25.5954E+03	19.7325E+03	13.4632E+03	8.64811E+02	5.3.9145E+02	1.9.3414E+02
19	24.0937E+03	18.2207E+03	12.1317E+03	7.5.7659E+02	4.5.6151E+02	1.5.5507E+02
20	22.7363E+03	16.8539E+03	10.9389E+03	6.6.4743E+02	3.8.8991E+02	1.2.5077E+02
21	21.4238E+03	15.5955E+03	9.8.4931E+02	5.8.3507E+02	3.1.8591E+02	1.0.6387E+02
22	20.2359E+03	14.4422E+03	8.9.0948E+02	5.1.2435E+02	2.8.3229E+02	8.1.0004E+01
23	19.1339E+03	13.3541E+03	8.0.4741E+02	4.5.8218E+02	2.4.1818E+02	6.5.2155E+01
24	18.1101E+03	12.4121E+03	7.2.7254E+02	3.9.3720E+02	2.0.6521E+02	5.2.5224E+01
25	17.1576E+03	11.5184E+03	6.5.7555E+02	3.4.7954E+02	1.7.6055E+02	4.2.3118E+01
26	16.2701E+03	10.6599E+03	5.9.4818E+02	3.0.6074E+02	1.5.8807E+02	3.4.0914E+01
27	15.4422E+03	9.9.3822E+02	5.3.8311E+02	2.6.9331E+02	1.2.9526E+02	2.7.4816E+01
28	14.6689E+03	9.2.3961E+02	4.8.7385E+02	2.3.7081E+02	1.1.0253E+02	2.2.2563E+01
29	13.9457E+03	8.5.9494E+02	4.4.1460E+02	2.0.8765E+02	9.4.3114E+01	1.7.5290E+01
30	13.2689E+03	7.9.9956E+02	4.0.0024E+02	1.8.3885E+02	8.9.6966E+01	1.4.4117E+01
31	12.6338E+03	7.4.4020E+02	3.6.2616E+02	1.6.2023E+02	8.0.8654E+01	1.1.6271E+01
32	12.0382E+03	6.9.4031E+02	3.2.8829E+02	1.4.2802E+02	5.9.1257E+01	9.3.8255E+00
33	11.4788E+03	6.4.6922E+02	2.9.8296E+02	1.2.5890E+02	5.0.4289E+01	7.5.7290E+00
34	10.9527E+03	6.0.2989E+02	2.7.0692E+02	1.1.1025E+02	4.3.3634E+01	6.1.1352E+00
35	10.4578E+03	5.6.2499E+02	2.4.3725E+02	9.7.9350E+01	3.7.1492E+01	4.9.2637E+00
36	9.9.9116E+02	5.2.5346E+02	2.2.3132E+02	8.6.4122E+01	3.1.8325E+01	3.9.8646E+00

RECTANGULAR SLAB SOURCE = 30IN.X 60IN.

AIR GAP = 7.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	95.3594E+03	95.3594E+03	95.3594E+03	95.3594E+03	95.3594E+03	95.3594E+03
1	84.1804E+03	83.5744E+03	84.7443E+03	82.6352E+03	80.0009E+03	80.0009E+03
2	76.2787E+03	77.0477E+03	75.2338E+03	72.9947E+03	70.4555E+03	64.8514E+03
3	71.4405E+03	69.5759E+03	66.8281E+03	63.4338E+03	59.7316E+03	52.0071E+03
4	65.3755E+03	62.9974E+03	59.3758E+03	55.0966E+03	50.5487E+03	41.9633E+03
5	60.0499E+03	57.1783E+03	52.8461E+03	47.0747E+03	42.7449E+03	35.1902E+03
6	55.3189E+03	52.0145E+03	47.0964E+03	41.6312E+03	36.1975E+03	28.5096E+03
7	51.0941E+03	47.4022E+03	42.0320E+03	36.2345E+03	30.6576E+03	21.1844E+03
8	47.3925E+03	43.2748E+03	37.5576E+03	31.5466E+03	25.9052E+03	16.9444E+03
9	43.8047E+03	39.5898E+03	33.5911E+03	27.5248E+03	22.0418E+03	15.5616E+03
10	40.4131E+03	34.2524E+03	30.0911E+03	24.8213E+03	19.1070E+03	10.8622E+03
11	38.0201E+03	33.2507E+03	26.9770E+03	20.9008E+03	15.8943E+03	8.7.0506E+02
12	35.4412E+03	30.5349E+03	24.2042E+03	18.3391E+03	13.5104E+03	6.9.0175E+02
13	33.1672E+03	29.0785E+03	21.7431E+03	16.0414E+03	11.4918E+03	5.6.0228E+02
14	31.0520E+03	25.8473E+03	19.5453E+03	14.0416E+03	9.7.8013E+02	4.4.7771E+02
15	29.1163E+03	23.8194E+03	17.5024E+03	12.2977E+03	8.2.3791E+02	3.6.1264E+02
16	27.3390E+03	21.9710E+03	15.8301E+03	10.7772E+03	7.0.9440E+02	2.9.0303E+02
17	25.7043E+03	20.2658E+03	14.2614E+03	9.4.4965E+02	6.0.4730E+02	2.3.376E+02
18	24.1980E+03	18.7465E+03	12.8547E+03	8.2.6010E+02	5.1.5647E+02	18.7644E+02
19	22.8074E+03	17.3384E+03	11.5974E+03	7.2.7661E+02	4.3.9904E+02	15.0992E+02
20	21.5213E+03	16.0493E+03	10.4677E+03	6.3.8983E+02	3.7.5421E+02	12.1514E+02
21	20.3301E+03	14.8471E+03	9.4.5322E+02	5.6.1340E+02	3.2.0310E+02	9.7.8225E+01
22	19.2249E+03	13.7420E+03	8.5.4161E+02	4.9.3373E+02	2.7.3728E+02	7.8.7736E+01
23	18.1981E+03	12.7848E+03	7.7.2181E+02	4.3.3793E+02	2.3.3653E+02	6.3.4523E+01
24	17.2428E+03	11.8607E+03	6.9.0406E+02	3.8.1254E+02	1.9.9511E+02	5.1.1249E+01
25	16.3523E+03	11.0232E+03	6.3.1971E+02	3.3.5727E+02	1.7.0446E+02	4.1.2032E+01
26	15.5217E+03	10.2451E+03	5.7.2109E+02	2.9.5509E+02	1.4.6048E+02	3.3.2153E+01
27	14.7459E+03	9.5.2733E+02	5.1.8134E+02	2.6.0195E+02	1.2.4963E+02	2.6.7824E+01
28	14.0211E+03	8.8.4479E+02	4.6.9459E+02	2.3.9175E+02	1.0.4918E+02	2.1.6005E+01
29	13.3406E+03	8.2.5270E+02	4.2.8477E+02	2.0.1914E+02	9.1.5027E+01	1.7.4250E+01
30	12.7034E+03	7.6.8406E+02	3.8.5008E+02	1.7.7953E+02	7.8.3799E+01	14.0597E+01
31	12.1050E+03	7.1.6323E+02	3.4.9948E+02	1.5.6879E+02	6.7.0499E+01	11.3468E+01
32	11.5443E+03	6.6.7848E+02	3.1.7531E+02	1.3.8339E+02	5.7.4422E+01	9.1.5921E+00
33	11.0162E+03	6.2.2937E+02	2.8.8215E+02	1.2.2023E+02	4.9.2078E+01	7.3.9484E+00
34	10.5191E+03	5.8.1302E+02	2.6.1691E+02	1.0.7659E+02	4.2.1633E+01	5.9.7151E+00
35	10.0508E+03	5.4.2679E+02	2.3.7482E+02	9.5.8105E+01	3.6.1351E+01	4.8.2305E+00
36	9.6.0916E+02	5.0.6830E+02	2.1.5942E+02	8.3.8484E+01	3.0.9753E+01	3.8.9618E+00

RECTANGULAR SLAB SOURCE = 30IN.X 90IN.

AIR GAP = 0.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	20.1179E+04	20.1179E+04	20.1179E+04	20.1179E+04	20.1179E+04	20.1179E+04
1	18.5974E+04	17.5408E+04	16.5658E+04	15.4682E+04	14.8416E+04	13.3752E+04
2	16.5363E+04	15.1402E+04	13.8381E+04	12.4521E+04	11.5815E+04	97.5034E+03
3	14.6914E+04	13.1904E+04	11.7548E+04	10.4522E+04	92.9326E+03	73.6877E+03
4	13.1302E+04	11.6029E+04	10.1076E+04	87.5920E+03	75.7814E+03	56.7500E+03
5	11.8112E+04	10.2866E+04	87.6773E+03	74.1083E+03	62.4311E+03	48.2044E+03
6	10.6872E+04	91.7671E+03	76.5501E+03	63.1256E+03	51.7944E+03	34.6892E+03
7	97.1995E+03	82.2617E+03	67.1731E+03	54.0414E+03	43.1877E+03	27.3629E+03
8	88.7792E+03	74.0888E+03	59.1811E+03	48.4446E+03	38.1486E+03	21.8648E+03
9	81.4452E+03	66.9489E+03	52.3122E+03	40.0400E+03	30.3468E+03	17.2016E+03
10	74.9620E+03	60.4846E+03	46.3696E+03	34.6070E+03	25.5372E+03	13.6877E+03
11	69.2114E+03	55.1555E+03	41.2004E+03	29.9757E+03	21.5323E+03	10.9106E+03
12	64.0831E+03	50.2508E+03	34.4841E+03	26.0124E+03	17.1858E+03	87.3441E+02
13	59.4877E+03	45.8811E+03	32.7234E+03	22.4096E+03	15.3816E+03	69.4058E+02
14	55.3514E+03	41.9731E+03	29.2387E+03	19.6803E+03	13.0261E+03	55.6858E+02
15	51.6153E+03	38.4661E+03	26.1642E+03	17.1525E+03	11.0437E+03	44.5892E+02
16	48.2272E+03	35.3094E+03	23.4449E+03	14.9667E+03	93.7244E+02	35.7319E+02
17	45.1449E+03	32.4601E+03	21.0344E+03	13.0734E+03	79.6174E+02	28.6541E+02
18	42.3323E+03	29.8819E+03	18.8933E+03	11.4306E+03	67.6833E+02	22.9931E+02
19	39.7566E+03	27.5434E+03	16.9881E+03	10.0032E+03	57.5852E+02	18.4613E+02
20	37.3973E+03	25.4180E+03	15.2698E+03	87.6130E+02	49.0285E+02	14.8308E+02
21	35.2256E+03	23.4824E+03	13.7739E+03	76.7948E+02	41.7708E+02	11.9202E+02
22	33.2236E+03	21.7164E+03	12.4187E+03	67.3605E+02	35.6094E+02	95.8543E+01
23	31.3743E+03	20.1024E+03	11.2055E+03	59.1247E+02	30.3744E+02	77.1140E+01
24	29.6624E+03	18.6252E+03	10.1185E+03	51.9283E+02	25.9230E+02	62.0639E+01
25	28.0749E+03	17.2710E+03	91.4312E+02	45.6345E+02	22.1353E+02	49.9712E+01
26	26.6000E+03	16.0279E+03	82.6711E+02	40.1257E+02	18.9101E+02	40.2500E+01
27	25.2275E+03	14.8854E+03	74.7958E+02	35.3062E+02	16.1622E+02	32.4319E+01
28	23.9483E+03	13.8341E+03	67.7094E+02	31.0702E+02	13.8195E+02	26.1415E+01
29	22.7541E+03	12.8556E+03	61.3275E+02	27.3977E+02	11.8212E+02	21.0782E+01
30	21.6379E+03	11.9724E+03	55.5755E+02	24.1029E+02	10.1158E+02	17.0011E+01
31	20.5930E+03	11.1478E+03	50.3872E+02	21.2426E+02	86.5961E+01	13.7169E+01
32	19.6138E+03	10.3859E+03	45.7042E+02	18.7291E+02	74.1565E+01	11.0704E+01
33	18.6949E+03	9.68132E+02	41.4744E+02	16.5191E+02	63.5250E+01	89.3713E+00
34	17.8316E+03	9.02914E+02	37.6516E+02	14.5751E+02	54.4351E+01	72.1692E+00
35	17.0179E+03	8.42500E+02	34.1945E+02	12.8642E+02	46.6602E+01	58.2938E+00
36	16.2554E+03	7.86496E+02	31.0665E+02	11.3578E+02	40.0074E+01	47.0983E+00

RECTANGULAR SLAB SOURCE = 30IN.X 90IN.

AIR GAP = 1.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	19.1564E+04	19.1564E+04	19.1564E+04	19.1564E+04	19.1564E+04	19.1564E+04
1	16.8923E+04	16.1814E+04	15.4822E+04	14.8043E+04	14.1530E+04	12.9376E+04
2	14.9355E+04	13.9415E+04	12.9436E+04	11.9858E+04	11.0855E+04	97.7676E+03
3	13.3086E+04	12.1841E+04	11.0239E+04	99.3014E+03	89.1861E+03	71.7699E+03
4	11.9483E+04	10.7572E+04	95.1176E+03	83.4119E+03	72.8557E+03	55.3288E+03
5	10.7967E+04	95.4981E+03	82.7240E+03	70.7045E+03	60.0907E+03	43.1191E+03
6	98.1022E+03	85.6382E+03	72.3908E+03	60.3211E+03	49.7096E+03	33.8499E+03
7	89.5617E+03	77.0022E+03	63.6511E+03	51.7111E+03	41.6510E+03	26.7011E+03
8	82.1021E+03	69.5102E+03	56.1805E+03	44.4964E+03	34.8881E+03	21.1423E+03
9	75.5371E+03	62.9577E+03	49.7431E+03	38.4037E+03	29.3066E+03	16.7878E+03
10	69.7217E+03	57.1885E+03	44.1606E+03	33.2279E+03	24.6795E+03	13.3993E+03
11	64.5409E+03	52.0804E+03	39.2945E+03	28.8100E+03	20.8223E+03	10.6498E+03
12	59.9023E+03	47.5362E+03	35.0347E+03	25.0248E+03	17.5970E+03	85.0213E+02
13	55.7304E+03	43.4767E+03	31.2921E+03	21.7712E+03	14.8926E+03	67.9587E+02
14	51.9631E+03	39.8377E+03	27.9937E+03	18.9672E+03	12.6197E+03	54.3771E+02
15	48.5486E+03	36.5634E+03	25.0789E+03	16.5451E+03	10.7055E+03	43.5449E+02
16	45.4133E+03	33.6102E+03	22.4969E+03	14.4485E+03	90.9049E+02	34.9081E+02
17	42.6107E+03	30.9930E+03	20.2047E+03	12.6307E+03	77.2444E+02	27.9984E+02
18	40.0192E+03	28.5172E+03	18.1658E+03	11.0519E+03	65.7233E+02	22.4746E+02
19	37.6420E+03	26.3165E+03	16.3491E+03	96.7878E+02	55.9483E+02	18.0478E+02
20	35.4561E+03	24.3128E+03	14.7277E+03	84.8306E+02	47.4603E+02	14.5025E+02
21	33.4413E+03	22.4850E+03	13.2786E+03	74.4055E+02	40.6263E+02	11.6595E+02
22	31.5803E+03	20.8148E+03	11.9817E+03	65.3045E+02	34.6513E+02	93.7841E+01
23	29.8578E+03	19.2862E+03	10.8196E+03	57.3570E+02	29.5716E+02	75.4697E+01
24	28.2606E+03	17.8849E+03	97.7695E+02	50.4054E+02	25.2498E+02	60.7576E+01
25	26.7767E+03	16.5988E+03	88.4059E+02	44.3212E+02	21.5704E+02	48.9332E+01
26	25.3960E+03	15.4164E+03	79.9883E+02	38.9919E+02	18.4357E+02	39.4250E+01
27	24.1090E+03	14.3289E+03	72.4139E+02	34.3205E+02	15.7634E+02	31.7759E+01
28	22.9078E+03	13.2676E+03	65.5925E+02	30.2229E+02	13.4841E+02	25.6519E+01
29	21.7849E+03	12.4025E+03	59.4442E+02	26.6263E+02	11.5389E+02	20.6631E+01
30	20.7339E+03	11.5493E+03	53.8983E+02	23.4675E+02	98.7805E+01	16.6707E+01
31	19.7488E+03	10.7608E+03	48.8923E+02	20.6916E+02	84.5922E+01	13.4538E+01
32	18.8244E+03	10.0316E+03	44.3705E+02	18.2510E+02	72.4664E+01	10.8609E+01
33	17.9560E+03	9.35667E+02	40.2836E+02	16.1039E+02	62.0987E+01	87.7014E+00
34	17.1393E+03	8.73138E+02	36.5875E+02	14.2143E+02	53.2306E+01	70.8980E+00
35	16.3704E+03	8.15167E+02	33.2430E+02	12.5508E+02	45.6423E+01	57.2321E+00
36	15.6457E+03	7.61385E+02	30.2150E+02	11.1044E+02	39.1468E+01	46.2513E+00

COSALY 45 SOURCE

RECTANGULAR SLAB SOURCE = 30IN.X 90IN.

AIR GAP = 2.00IN.

H = 0.0000 V = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/50 CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	17.2469E+04	17.2469E+04	17.2469E+04	17.2469E+04	17.2469E+04	17.2469E+04
1	15.1795E+04	14.0914E+04	14.1930E+04	13.4900E+04	13.1904E+04	12.2801E+04
2	10.6003E+04	12.5903E+04	11.9702E+04	11.2189E+04	10.4497E+04	9.0836E+04
3	10.0700E+04	11.2207E+04	10.2844E+04	93.6000E+03	85.8155E+03	77.0223E+03
4	10.0124E+04	10.5804E+04	89.1521E+03	78.9830E+03	69.3777E+03	59.4617E+03
5	90.0314E+03	80.0684E+03	77.8204E+03	67.1731E+03	57.5587E+03	48.8123E+03
6	80.0302E+03	70.0367E+03	68.3147E+03	57.4548E+03	47.9003E+03	38.8007E+03
7	62.7205E+03	72.0401E+03	60.2214E+03	49.3563E+03	40.0400E+03	35.0226E+03
8	74.0393E+03	65.2267E+03	53.2718E+03	42.5452E+03	33.5942E+03	28.0443E+03
9	70.2389E+03	59.2252E+03	47.2409E+03	38.7744E+03	28.2461E+03	25.2324E+03
10	66.2782E+03	53.9149E+03	42.0317E+03	35.3840E+03	23.8593E+03	20.6001E+03
11	60.2994E+03	44.1499E+03	37.4611E+03	27.6624E+03	20.1078E+03	16.8794E+03
12	58.0373E+03	44.9902E+03	33.4501E+03	24.0559E+03	17.0768E+03	14.0922E+03
13	52.2976E+03	41.2196E+03	29.9104E+03	20.9511E+03	14.4055E+03	12.5598E+03
14	48.8502E+03	37.8299E+03	26.7795E+03	18.2713E+03	12.2163E+03	10.0993E+03
15	49.7315E+03	34.7733E+03	24.0392E+03	15.9532E+03	10.3710E+03	8.4555E+03
16	42.8799E+03	32.0091E+03	21.3078E+03	13.9444E+03	8.8128E+03	7.0000E+03
17	40.2718E+03	29.5044E+03	19.4000E+03	12.2894E+03	74.9522E+02	5.7000E+03
18	37.8795E+03	27.2288E+03	17.4466E+03	10.6840E+03	63.7993E+02	4.8000E+03
19	35.6602E+03	25.1569E+03	15.7360E+03	93.4337E+02	54.5427E+02	3.8000E+03
20	33.6192E+03	23.2471E+03	14.1882E+03	82.1307E+02	46.3199E+02	3.0000E+03
21	31.7992E+03	21.5039E+03	12.6031E+03	77.0077E+02	39.5061E+02	2.4000E+03
22	30.0446E+03	19.7599E+03	11.3611E+03	62.3142E+02	33.7141E+02	2.0000E+03
23	28.4421E+03	18.5113E+03	10.4405E+03	55.4424E+02	28.7696E+02	1.7000E+03
24	26.9497E+03	17.1816E+03	94.4849E+02	48.9280E+02	24.5923E+02	1.5000E+03
25	25.2610E+03	15.9594E+03	85.4999E+02	43.0499E+02	21.0186E+02	1.3000E+03
26	24.2568E+03	14.8347E+03	77.4053E+02	37.6917E+02	17.9723E+02	1.1000E+03
27	23.0007E+03	13.7403E+03	70.1195E+02	33.3696E+02	15.3741E+02	1.0000E+03
28	21.8294E+03	12.8421E+03	63.5522E+02	29.4003E+02	13.1567E+02	8.0000E+02
29	20.8740E+03	12.0606E+03	57.6200E+02	25.9140E+02	11.2633E+02	7.0000E+02
30	20.0881E+03	11.4515E+03	52.2801E+02	22.8502E+02	94.4590E+01	6.0000E+02
31	20.0521E+03	10.3909E+03	47.4497E+02	20.1982E+02	82.6354E+01	5.0000E+02
32	20.0767E+03	96.9272E+02	43.0023E+02	17.7862E+02	70.8157E+01	4.0000E+02
33	17.2573E+03	90.4507E+02	39.1330E+02	15.7082E+02	60.7894E+01	3.0000E+02
34	16.4640E+03	84.4812E+02	35.5187E+02	13.8836E+02	52.9598E+01	2.0000E+02
35	15.7953E+03	78.5965E+02	32.3227E+02	12.2452E+02	44.3478E+01	1.0000E+02
36	15.0575E+03	73.7293E+02	29.3910E+02	10.8191E+02	38.3957E+01	4.0000E+01

RECTANGULAR SLAB SOURCE = 30IN.X 90IN.

AIR GAP = 3.0IN.

H = 0.0000 V = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/50 CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	15.4032E+04	15.4032E+04	15.4032E+04	15.4032E+04	15.4032E+04	15.4032E+04
1	13.6443E+04	13.3084E+04	12.9486E+04	12.5694E+04	12.1841E+04	11.8103E+04
2	12.2034E+04	11.6492E+04	11.0686E+04	10.4433E+04	98.1897E+03	86.2376E+03
3	10.9997E+04	10.3349E+04	95.6981E+03	87.8514E+03	80.2190E+03	68.2853E+03
4	99.7712E+03	92.2054E+03	83.4013E+03	74.9432E+03	64.1603E+03	51.5273E+03
5	90.9712E+03	82.7321E+03	73.1178E+03	63.6511E+03	52.9354E+03	40.3458E+03
6	83.3879E+03	74.5712E+03	64.3992E+03	54.8111E+03	47.8437E+03	31.7959E+03
7	76.8938E+03	67.4699E+03	56.9317E+03	47.0311E+03	39.4037E+03	23.1473E+03
8	70.6707E+03	61.2410E+03	50.4891E+03	40.4241E+03	32.2683E+03	19.9506E+03
9	64.8949E+03	55.7416E+03	44.8895E+03	35.1814E+03	27.1607E+03	15.8662E+03
10	60.6780E+03	50.8597E+03	39.9953E+03	30.5309E+03	22.9415E+03	12.4248E+03
11	56.4467E+03	46.5058E+03	35.7080E+03	26.5432E+03	19.3944E+03	10.0901E+03
12	52.6177E+03	42.6073E+03	31.9352E+03	23.1129E+03	16.4240E+03	8.6180E+02
13	49.1594E+03	39.1037E+03	28.4051E+03	20.1540E+03	13.9248E+03	7.4317E+02
14	46.0086E+03	35.9459E+03	25.4574E+03	17.5957E+03	11.8193E+03	6.1871E+02
15	43.1393E+03	33.0905E+03	23.0428E+03	15.3793E+03	10.0423E+03	5.1419E+02
16	40.5154E+03	30.5306E+03	20.7180E+03	13.4556E+03	85.4024E+02	39.2269E+02
17	38.1093E+03	28.1525E+03	18.6473E+03	11.7894E+03	72.8886E+02	26.4735E+02
18	35.8974E+03	26.0127E+03	16.7991E+03	10.3277E+03	61.9141E+02	21.4262E+02
19	33.8590E+03	24.0610E+03	15.1485E+03	90.3884E+02	52.7731E+02	17.2218E+02
20	31.9766E+03	22.2777E+03	13.6709E+03	79.5156E+02	45.0105E+02	13.8487E+02
21	30.2349E+03	20.6454E+03	12.3468E+03	69.8425E+02	38.4123E+02	11.1422E+02
22	28.6192E+03	19.1492E+03	11.1589E+03	61.3840E+02	32.7995E+02	89.6879E+01
23	27.1187E+03	17.7757E+03	10.0920E+03	53.7809E+02	28.0211E+02	72.2244E+01
24	25.7225E+03	16.5132E+03	91.3275E+02	47.4962E+02	23.9504E+02	58.1890E+01
25	24.4213E+03	15.3512E+03	82.6950E+02	41.8113E+02	20.4803E+02	46.0924E+01
26	23.2097E+03	14.2816E+03	74.9194E+02	36.8247E+02	17.5204E+02	37.0566E+01
27	22.0773E+03	13.2931E+03	67.9096E+02	32.4471E+02	14.8945E+02	30.4006E+01
28	21.0086E+03	12.3813E+03	61.5862E+02	28.6020E+02	12.8372E+02	24.5980E+01
29	20.0105E+03	11.5385E+03	55.8770E+02	25.2255E+02	10.9445E+02	19.0510E+01
30	19.0776E+03	10.7594E+03	50.7191E+02	22.2507E+02	94.1934E+01	16.0245E+01
31	18.1997E+03	10.0372E+03	46.0543E+02	19.5361E+02	80.7234E+01	12.9345E+01
32	17.3737E+03	9.3684E+02	41.8384E+02	17.3346E+02	69.2045E+01	10.4517E+01
33	16.5961E+03	8.7402E+02	38.0213E+02	15.5078E+02	59.3406E+01	84.4424E+00
34	15.8632E+03	8.17260E+02	34.5646E+02	13.3221E+02	50.9045E+01	68.2408E+00
35	15.1717E+03	7.6393E+02	31.4327E+02	11.9482E+02	43.6742E+01	55.1612E+00
36	14.5180E+03	7.14109E+02	28.5939E+02	10.5405E+02	37.4839E+01	44.5944E+00

CONALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 30IN.X 90IN.

AIR GAP = 4.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY						
2	.1	.3	.5	.7	.9	1.3
0	13.7980E+04	13.7980E+04	13.7980E+04	13.7980E+04	13.7980E+04	13.7980E+04
1	12.3194E+04	12.0794E+04	11.8112E+04	11.5233E+04	11.2223E+04	10.6005E+04
2	11.0914E+04	10.6972E+04	10.2115E+04	97.0823E+03	91.7671E+03	81.4659E+03
3	10.0325E+04	95.2844E+03	88.9434E+03	82.2817E+03	75.6314E+03	63.1892E+03
4	91.6089E+03	85.4567E+03	77.9709E+03	70.2233E+03	62.7403E+03	49.3953E+03
5	83.8646E+03	77.0053E+03	68.6544E+03	60.2214E+03	52.3123E+03	38.6400E+03
6	77.0890E+03	69.6604E+03	60.6844E+03	51.6429E+03	43.7921E+03	30.6754E+03
7	71.1049E+03	63.2238E+03	53.8073E+03	44.7698E+03	36.7764E+03	24.3098E+03
8	65.7873E+03	57.5449E+03	47.8345E+03	38.7620E+03	30.9647E+03	19.3165E+03
9	61.0361E+03	52.5061E+03	42.6253E+03	33.6330E+03	26.1274E+03	15.9816E+03
10	56.7699E+03	48.0138E+03	38.0375E+03	29.2387E+03	22.0055E+03	12.2697E+03
11	52.9225E+03	43.9921E+03	34.0388E+03	25.4593E+03	18.6979E+03	9.80159E+02
12	49.4391E+03	40.3789E+03	30.4920E+03	22.2002E+03	15.8911E+03	7.83965E+02
13	46.2738E+03	37.1218E+03	27.3930E+03	19.3929E+03	13.4533E+03	62.7710E+02
14	43.3884E+03	34.1775E+03	24.5683E+03	16.9423E+03	11.4306E+03	50.3065E+02
15	40.7580E+03	31.5092E+03	22.0924E+03	14.8243E+03	97.2095E+02	40.502E+02
16	38.3510E+03	29.0850E+03	19.8870E+03	12.9831E+03	82.7406E+02	32.3881E+02
17	36.1873E+03	26.8782E+03	17.9191E+03	11.3803E+03	70.4785E+02	26.0144E+02
18	34.2583E+03	24.8450E+03	16.1682E+03	99.8318E+02	60.0744E+02	20.0075E+02
19	32.5461E+03	23.0254E+03	14.5840E+03	87.6387E+02	51.2428E+02	16.0124E+02
20	30.9451E+03	21.5144E+03	13.1755E+03	76.9061E+02	43.7340E+02	13.5253E+02
21	29.7816E+03	20.2976E+03	11.9097E+03	67.4781E+02	37.3463E+02	10.8877E+02
22	28.7834E+03	19.3402E+03	10.7722E+03	59.3158E+02	31.9081E+02	9.6744E+01
23	27.9800E+03	17.5772E+03	97.4947E+02	52.3722E+02	27.2749E+02	70.6334E+01
24	24.5772E+03	15.8778E+03	88.2934E+02	46.1893E+02	23.3250E+02	56.9235E+01
25	23.3515E+03	14.7725E+03	80.0625E+02	40.6145E+02	19.9557E+02	45.8947E+01
26	22.2103E+03	13.7529E+03	72.5273E+02	35.7904E+02	17.0798E+02	37.0144E+01
27	21.1421E+03	12.8113E+03	65.7824E+02	31.5324E+02	14.6240E+02	29.8623E+01
28	20.1430E+03	11.9496E+03	59.4920E+02	27.8275E+02	12.5257E+02	24.0997E+01
29	19.2014E+03	11.1354E+03	54.1899E+02	24.5514E+02	10.7321E+02	19.4551E+01
30	18.3187E+03	10.3699E+03	49.2134E+02	21.6487E+02	9.9835E+01	15.7101E+01
31	17.4884E+03	9.6480E+02	44.7821E+02	19.1309E+02	7.8418E+01	12.6895E+01
32	16.7067E+03	9.0580E+02	40.6375E+02	16.8958E+02	67.6317E+01	10.2524E+01
33	15.9699E+03	84.6323E+02	36.9673E+02	14.9263E+02	58.0169E+01	82.8550E+00
34	15.2744E+03	79.1084E+02	33.6035E+02	13.1903E+02	49.7823E+01	66.9759E+00
35	14.6181E+03	73.9750E+02	30.5721E+02	11.6594E+02	42.7273E+01	54.1528E+00
36	13.9777E+03	69.2014E+02	27.6272E+02	10.3089E+02	36.6811E+01	43.7949E+00

RECTANGULAR SLAB SOURCE = 30IN.X 90IN.

AIR GAP = 5.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY						
2	.1	.3	.5	.7	.9	1.3
0	12.4255E+04	12.4255E+04	12.4255E+04	12.4255E+04	12.4255E+04	12.4255E+04
1	11.1753E+04	10.9997E+04	10.7947E+04	10.5733E+04	10.3349E+04	98.2993E+03
2	10.1216E+04	96.1022E+03	94.2817E+03	90.0933E+03	85.6388E+03	76.7267E+03
3	92.1950E+03	88.0039E+03	82.7321E+03	77.0822E+03	71.8044E+03	60.0570E+03
4	84.3784E+03	79.3163E+03	72.9035E+03	66.0968E+03	59.4088E+03	47.2241E+03
5	77.5400E+03	71.7644E+03	64.4720E+03	56.9317E+03	49.7431E+03	37.2941E+03
6	71.5089E+03	65.1460E+03	57.1805E+03	49.1819E+03	41.7807E+03	29.5347E+03
7	66.1540E+03	59.3060E+03	50.9595E+03	42.5935E+03	35.1814E+03	23.4992E+03
8	61.3721E+03	54.1237E+03	45.3326E+03	38.9669E+03	29.6874E+03	18.6745E+03
9	57.0802E+03	49.5029E+03	40.4885E+03	32.1430E+03	25.0967E+03	14.8924E+03
10	53.2108E+03	45.3457E+03	36.2201E+03	27.9970E+03	21.2489E+03	11.8946E+03
11	49.7083E+03	41.6480E+03	32.4542E+03	24.6149E+03	18.8133E+03	9.51237E+02
12	46.5267E+03	38.2764E+03	29.1203E+03	21.3204E+03	15.2920E+03	7.61562E+02
13	43.6242E+03	35.2461E+03	26.1618E+03	18.6396E+03	12.9941E+03	61.0294E+02
14	40.9747E+03	32.5192E+03	23.5308E+03	16.3124E+03	11.8517E+03	48.9487E+02
15	38.5430E+03	30.0233E+03	21.1845E+03	14.2891E+03	94.0797E+02	39.2890E+02
16	36.3094E+03	27.7595E+03	19.0941E+03	12.5273E+03	80.1478E+02	31.5570E+02
17	34.2586E+03	25.6770E+03	17.2235E+03	10.9913E+03	68.3272E+02	25.3423E+02
18	32.3495E+03	23.7817E+03	15.5489E+03	94.5054E+02	58.2878E+02	20.3950E+02
19	30.5901E+03	22.0465E+03	14.0477E+03	84.7897E+02	49.7532E+02	16.4091E+02
20	28.9889E+03	20.4553E+03	12.7005E+03	74.5419E+02	42.4917E+02	13.2085E+02
21	27.4437E+03	18.9372E+03	11.4899E+03	65.5761E+02	36.3088E+02	10.6370E+02
22	26.0337E+03	17.6507E+03	10.4012E+03	57.7090E+02	31.0405E+02	8.9695E+01
23	24.7197E+03	16.4138E+03	94.2103E+02	50.8157E+02	26.5485E+02	69.0682E+01
24	23.4930E+03	15.2270E+03	85.3784E+02	44.7667E+02	22.7161E+02	55.6869E+01
25	22.3444E+03	14.2210E+03	77.4138E+02	39.4552E+02	19.4447E+02	44.9139E+01
26	21.2730E+03	13.2102E+03	70.2258E+02	34.7883E+02	16.6987E+02	36.2370E+01
27	20.2869E+03	12.3519E+03	63.7341E+02	30.6854E+02	14.2632E+02	29.2656E+01
28	19.3228E+03	11.5206E+03	57.8672E+02	27.0749E+02	12.2211E+02	23.6102E+01
29	18.4357E+03	10.7500E+03	52.4618E+02	23.9003E+02	10.4769E+02	19.0636E+01
30	17.6013E+03	10.0372E+03	47.7811E+02	21.1038E+02	89.8285E+01	15.4010E+01
31	16.8155E+03	93.7529E+02	43.4148E+02	18.4404E+02	77.0449E+01	12.4436E+01
32	16.0749E+03	87.6089E+02	39.4778E+02	16.4695E+02	64.0973E+01	10.0547E+01
33	15.3742E+03	81.9015E+02	35.8097E+02	14.3554E+02	56.7208E+01	8.12953E+00
34	14.7163E+03	76.5773E+02	32.6745E+02	12.8676E+02	48.6867E+01	65.7338E+00
35	14.0925E+03	71.6639E+02	29.7398E+02	11.3784E+02	41.8807E+01	53.1624E+00
36	13.5024E+03	67.0730E+02	27.0745E+02	10.0641E+02	35.8968E+01	43.0049E+00

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 30IN.X 90IN.

AIR GAP = 6.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	11.2503E+04	11.2503E+04	11.2503E+04	11.2503E+04	11.2503E+04	11.2503E+04
1	10.1835E+04	10.0525E+04	98.9614E+03	97.1995E+03	95.2844E+03	91.1393E+03
2	92.7237E+03	90.2072E+03	87.1794E+03	83.6555E+03	79.8967E+03	72.1497E+03
3	84.8406E+03	81.4452E+03	77.0053E+03	72.0406E+03	66.9489E+03	56.9758E+03
4	77.9512E+03	73.7408E+03	68.2074E+03	62.1995E+03	56.1908E+03	45.0670E+03
5	71.8801E+03	66.9772E+03	60.5710E+03	53.8074E+03	47.2609E+03	35.7319E+03
6	66.4930E+03	61.0020E+03	53.9149E+03	46.6455E+03	39.8320E+03	28.3949E+03
7	61.6844E+03	55.6951E+03	48.0900E+03	40.5142E+03	33.6336E+03	22.6096E+03
8	57.3700E+03	50.9597E+03	42.9741E+03	35.2488E+03	28.4472E+03	18.0340E+03
9	53.4814E+03	46.7173E+03	38.4661E+03	30.7143E+03	24.0956E+03	14.4055E+03
10	49.9622E+03	42.9027E+03	34.4824E+03	26.7995E+03	20.4361E+03	11.5217E+03
11	46.7656E+03	39.4625E+03	30.9580E+03	23.4122E+03	17.3923E+03	9.2519E+02
12	43.8522E+03	36.3506E+03	27.8189E+03	20.4755E+03	14.7490E+03	7.9393E+02
13	41.1890E+03	33.5286E+03	25.0300E+03	17.9250E+03	12.5478E+03	5.9350E+02
14	38.7474E+03	30.9635E+03	22.5438E+03	15.7045E+03	10.6840E+03	4.7406E+02
15	36.5033E+03	28.6269E+03	20.3236E+03	13.7739E+03	9.10399E+02	3.82414E+02
16	34.4354E+03	26.4944E+03	18.3379E+03	12.0883E+03	7.74300E+02	3.07374E+02
17	32.5262E+03	24.5445E+03	16.5595E+03	10.6164E+03	6.62375E+02	2.47698E+02
18	30.7593E+03	22.7588E+03	14.9647E+03	9.32901E+02	5.63501E+02	1.98903E+02
19	29.1210E+03	21.1209E+03	13.5329E+03	8.20407E+02	4.83058E+02	1.61242E+02
20	27.5991E+03	19.6164E+03	12.2460E+03	7.21821E+02	4.12844E+02	1.26916E+02
21	26.1830E+03	18.2327E+03	11.0881E+03	6.35415E+02	3.53002E+02	1.03906E+02
22	24.8651E+03	16.9584E+03	10.0474E+03	5.59624E+02	3.01988E+02	8.37515E+01
23	23.6310E+03	15.7835E+03	9.10558E+02	4.93103E+02	2.58419E+02	6.73110E+01
24	22.4792E+03	14.6992E+03	8.25782E+02	4.4676E+02	2.2237E+02	5.4710E+01
25	21.4010E+03	13.6975E+03	7.49253E+02	3.93328E+02	1.89475E+02	4.5311E+01
26	20.3903E+03	12.7711E+03	6.80118E+02	3.5175E+02	1.62329E+02	3.84740E+01
27	19.4418E+03	11.9137E+03	6.17623E+02	2.9.8450E+02	13.9118E+02	2.8.6450E+01
28	18.5505E+03	11.1194E+03	5.61095E+02	2.6.3482E+02	11.9263E+02	2.3.1290E+01
29	17.7121E+03	10.3831E+03	5.0.9934E+02	2.3.2487E+02	10.2273E+02	1.8.6468E+01
30	16.9226E+03	9.6.9922E+02	4.6.3604E+02	2.0.9355E+02	8.7.277E+01	1.5.0976E+01
31	16.1784E+03	9.0.6565E+02	4.2.1629E+02	1.8.1841E+02	7.5.2715E+01	1.2.2623E+01
32	15.4762E+03	8.4.7637E+02	3.8.3560E+02	1.6.0504E+02	6.4.6005E+01	9.0.4444E+00
33	14.8131E+03	7.9.2055E+02	3.4.9017E+02	1.4.1953E+02	5.5.5481E+01	7.9.7464E+00
34	14.1862E+03	7.4.1896E+02	3.1.7766E+02	1.2.5540E+02	4.7.6174E+01	6.4.5147E+00
35	13.5931E+03	6.9.4466E+02	2.8.9350E+02	1.1.1052E+02	4.0.8960E+01	5.2.1904E+00
36	13.0315E+03	6.5.0296E+02	2.6.3547E+02	9.8.2589E+01	3.5.1310E+01	4.2.2293E+00

RECTANGULAR SLAB SOURCE = 30IN.X 90IN.

AIR GAP = 7.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	10.2375E+04	10.2375E+04	10.2375E+04	10.2375E+04	10.2375E+04	10.2375E+04
1	93.1887E+03	92.1950E+03	90.9712E+03	89.5617E+03	88.0039E+03	84.5644E+03
2	85.2509E+03	83.3179E+03	80.7600E+03	77.7919E+03	74.9712E+03	67.0824E+03
3	78.3197E+03	75.5371E+03	71.7646E+03	67.4699E+03	62.9577E+03	53.9942E+03
4	72.2137E+03	68.6799E+03	63.8727E+03	58.5493E+03	53.1967E+03	42.9391E+03
5	66.8019E+03	62.6055E+03	56.9474E+03	50.8595E+03	44.8895E+03	34.2085E+03
6	61.9712E+03	57.1994E+03	50.8597E+03	44.2419E+03	37.9946E+03	27.1716E+03
7	57.6379E+03	52.3488E+03	45.4905E+03	38.5374E+03	32.1430E+03	21.7732E+03
8	53.7330E+03	48.0341E+03	40.7579E+03	35.6115E+03	27.2964E+03	17.0017E+03
9	50.1995E+03	44.1335E+03	36.5634E+03	29.3883E+03	23.1384E+03	13.9248E+03
10	46.9903E+03	40.6122E+03	32.8418E+03	25.6576E+03	19.6504E+03	11.1537E+03
11	44.0654E+03	37.4247E+03	29.5330E+03	22.4322E+03	16.7109E+03	9.4207E+02
12	41.3920E+03	34.5322E+03	26.5657E+03	19.6455E+03	14.2734E+03	7.1747E+02
13	38.9411E+03	31.9014E+03	23.9557E+03	17.2394E+03	12.1157E+03	5.7689E+02
14	36.6803E+03	29.5037E+03	21.6057E+03	15.1245E+03	10.3277E+03	4.6296E+02
15	34.4127E+03	27.3143E+03	19.5021E+03	13.2784E+03	8.6.0941E+02	3.7.2113E+02
16	32.2695E+03	25.3116E+03	17.6173E+03	11.6659E+03	7.5.1091E+02	2.9.9320E+02
17	30.2221E+03	23.4764E+03	15.9240E+03	10.2555E+03	6.4.2108E+02	2.4.0880E+02
18	28.2774E+03	21.7928E+03	14.4064E+03	9.0.2076E+02	5.4.8642E+02	1.9.952E+02
19	27.4795E+03	20.2454E+03	13.0406E+03	7.9.1901E+02	4.6.9011E+02	1.6.6286E+02
20	26.3277E+03	18.8202E+03	11.8109E+03	6.9.9053E+02	4.0.1121E+02	1.2.5095E+02
21	25.0825E+03	17.5104E+03	10.7031E+03	6.1.5828E+02	3.4.3209E+02	1.0.1489E+02
22	23.7653E+03	16.3012E+03	9.7.0420E+02	5.4.2753E+02	2.9.3770E+02	8.1.6448E+01
23	22.6087E+03	15.1844E+03	8.8.0283E+02	4.7.0551E+02	2.5.1551E+02	6.6.0238E+01
24	21.5255E+03	14.1527E+03	7.9.8884E+02	4.2.2110E+02	2.1.5476E+02	5.3.2765E+01
25	20.5109E+03	13.1952E+03	7.2.5332E+02	3.7.2448E+02	1.8.4437E+02	4.3.0911E+01
26	19.5582E+03	12.3145E+03	6.5.8821E+02	3.2.8777E+02	1.6.8245E+02	3.4.7295E+01
27	18.6630E+03	11.4957E+03	5.9.8642E+02	2.9.0307E+02	1.5.5647E+02	2.8.6471E+01
28	17.8229E+03	10.7344E+03	5.4.4163E+02	2.5.6422E+02	1.1.6383E+02	2.2.5688E+01
29	17.0278E+03	10.0317E+03	4.9.4816E+02	2.2.6561E+02	9.9.8944E+01	1.8.1044E+01
30	16.2802E+03	9.37737E+02	4.5.0094E+02	2.0.2035E+02	8.5.6802E+01	1.4.8001E+01
31	15.5745E+03	8.7.6929E+02	4.0.9548E+02	1.7.7017E+02	7.5.5433E+01	1.1.9437E+01
32	14.9084E+03	8.2.0384E+02	3.7.2748E+02	1.5.6732E+02	6.3.1406E+01	9.6.7624E+00
33	14.2765E+03	7.6.7794E+02	3.3.4190E+02	1.3.8453E+02	5.4.2223E+01	7.8.2596E+00
34	13.6825E+03	7.1.8804E+02	3.0.9088E+02	1.2.2491E+02	4.6.5738E+01	6.3.1864E+00
35	13.1181E+03	6.7.3187E+02	2.8.1567E+02	1.0.8395E+02	4.0.8127E+01	5.1.2345E+00
36	12.5833E+03	6.3.0675E+02	2.5.6563E+02	9.5.9421E+01	3.4.3800E+01	4.1.4801E+00

CONSTANT 40 SOURCE

RECTANGULAR SLAB SOURCE = 10IN.X10IN.

AIR GAP = 8.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/50 CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	20.1179E+04	20.1179E+04	20.1179E+04	20.1179E+04	20.1179E+04	20.1179E+04
1	10.6512E+04	17.9421E+04	18.5667E+04	19.0683E+04	19.4917E+04	19.8752E+04
2	14.7719E+04	19.2154E+04	19.6415E+04	19.9732E+04	20.2019E+04	20.3803E+04
3	11.2510E+04	11.6416E+04	10.1190E+04	07.6242E+03	79.7993E+03	50.7564E+03
4	11.9647E+04	10.3344E+04	07.0231E+03	74.1492E+03	42.4422E+03	44.2527E+03
5	10.8649E+04	09.2509E+03	76.7223E+03	63.1728E+03	51.0671E+03	44.4950E+03
6	99.2297E+03	82.9471E+03	67.3451E+03	54.0937E+03	43.2016E+03	37.5658E+03
7	90.9923E+03	74.8119E+03	59.3490E+03	46.5000E+03	36.1637E+03	31.6157E+03
8	83.7550E+03	67.7107E+03	52.5324E+03	40.0999E+03	30.3431E+03	27.2741E+03
9	77.3683E+03	61.4544E+03	46.5908E+03	34.6679E+03	25.9520E+03	23.0377E+03
10	71.7054E+03	55.9081E+03	41.4346E+03	30.0370E+03	21.9401E+03	19.0164E+03
11	66.6340E+03	51.1041E+03	36.9230E+03	26.0750E+03	19.2016E+03	07.1637E+02
12	62.0619E+03	46.7493E+03	32.9634E+03	22.6723E+03	15.3972E+03	67.0151E+02
13	57.9742E+03	42.8474E+03	29.4815E+03	19.7424E+03	13.0415E+03	55.0588E+02
14	54.2590E+03	39.3476E+03	26.4497E+03	17.2140E+03	11.0506E+03	44.5077E+02
15	50.8813E+03	36.1910E+03	23.6952E+03	15.0272E+03	9.0706E+02	35.7436E+02
16	47.8021E+03	33.1910E+03	21.2710E+03	13.1325E+03	79.7540E+02	28.6618E+02
17	44.9664E+03	30.7932E+03	19.1275E+03	11.4001E+03	67.0194E+02	23.0333E+02
18	42.4631E+03	28.4009E+03	17.2173E+03	10.0590E+03	57.7194E+02	18.6531E+02
19	40.2617E+03	26.2732E+03	15.5140E+03	88.1923E+02	49.1630E+02	14.8333E+02
20	37.8374E+03	24.3254E+03	13.9424E+03	77.3143E+02	41.0092E+02	11.6760E+02
21	35.0134E+03	22.5469E+03	12.6312E+03	67.0512E+02	35.7216E+02	9.4730E+01
22	33.0303E+03	20.9230E+03	11.4418E+03	58.4004E+02	30.4094E+02	8.1344E+01
23	31.1991E+03	19.4234E+03	10.3810E+03	51.3045E+02	26.0224E+02	6.8197E+01
24	29.5811E+03	18.0423E+03	9.3599E+02	44.6091E+02	22.2291E+02	5.6124E+01
25	28.0773E+03	16.7915E+03	84.5299E+02	40.5387E+02	19.9972E+02	46.0197E+01
26	27.6440E+03	15.5681E+03	76.5047E+02	37.4916E+02	18.2442E+02	37.6550E+01
27	26.3517E+03	14.3977E+03	69.4274E+02	34.4400E+02	16.9997E+02	31.7217E+01
28	25.1294E+03	13.2716E+03	62.9749E+02	31.7094E+02	15.6922E+02	27.1574E+01
29	23.9659E+03	12.1904E+03	57.1527E+02	29.4327E+02	14.1014E+02	23.0758E+01
30	22.8602E+03	11.1404E+03	51.8951E+02	27.5327E+02	12.7095E+01	19.7900E+01
31	21.8027E+03	10.1104E+03	47.1437E+02	25.9207E+02	11.4001E+01	16.9901E+01
32	20.7934E+03	9.1094E+03	42.8467E+02	24.5792E+02	10.0590E+01	14.5467E+01
33	19.7999E+03	8.1351E+03	38.9303E+02	23.4734E+02	9.0706E+01	12.7440E+01
34	19.1444E+03	7.1871E+03	35.4371E+02	22.5824E+02	8.2016E+01	11.2410E+01
35	18.3610E+03	6.2647E+03	32.2467E+02	21.9004E+02	7.4106E+01	10.0001E+01

RECTANGULAR SLAB SOURCE = 10IN.X10IN.

AIR GAP = 1.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/50 CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	19.1627E+04	19.1627E+04	19.1627E+04	19.1627E+04	19.1627E+04	19.1627E+04
1	10.9208E+04	16.7070E+04	15.4071E+04	14.6127E+04	14.1576E+04	13.9100E+04
2	17.0311E+04	13.9070E+04	12.9643E+04	11.9900E+04	11.0066E+04	10.7753E+04
3	11.4479E+04	13.2443E+04	11.0555E+04	99.3907E+03	89.2270E+03	71.7754E+03
4	12.1707E+04	10.0299E+04	95.2090E+03	81.9120E+03	71.0944E+03	59.3332E+03
5	10.9949E+04	06.4939E+03	81.0139E+03	70.0001E+03	60.1327E+03	43.1229E+03
6	10.0231E+04	04.9940E+03	72.0000E+03	60.4210E+03	49.0422E+03	33.0540E+03
7	91.7916E+03	77.9063E+03	61.9040E+03	51.0111E+03	41.6482E+03	30.7049E+03
8	84.9479E+03	70.4483E+03	56.4949E+03	44.5953E+03	36.9102E+03	25.1450E+03
9	78.0113E+03	63.4232E+03	50.0959E+03	38.1095E+03	29.1179E+03	18.7400E+03
10	72.1233E+03	56.1491E+03	44.4794E+03	33.2333E+03	24.7077E+03	13.2619E+03
11	67.1010E+03	51.0702E+03	39.6404E+03	28.9020E+03	20.4040E+03	10.4010E+03
12	62.9603E+03	46.5330E+03	35.3664E+03	25.1154E+03	17.4324E+03	09.4000E+03
13	59.4494E+03	42.4744E+03	31.9999E+03	21.6000E+03	14.9104E+03	07.9700E+03
14	56.4070E+03	40.0212E+03	28.2461E+03	18.6323E+03	12.4437E+03	06.7912E+03
15	51.2709E+03	37.9573E+03	25.3753E+03	16.4372E+03	10.7277E+03	53.5442E+02
16	46.1712E+03	34.9902E+03	22.7804E+03	14.1274E+03	9.1119E+02	46.9194E+02
17	41.3500E+03	31.9073E+03	20.4071E+03	12.7049E+03	7.7400E+02	40.0107E+02
18	42.7204E+03	29.4774E+03	18.4440E+03	11.1294E+03	6.6077E+02	32.4044E+02
19	40.3313E+03	27.5444E+03	16.4157E+03	97.4024E+02	56.1714E+02	18.0010E+02
20	38.1243E+03	25.2100E+03	14.9250E+03	85.4930E+02	47.0332E+02	14.9110E+02
21	36.0044E+03	23.3404E+03	13.1204E+03	75.0340E+02	40.7700E+02	11.0000E+02
22	34.1950E+03	21.7011E+03	12.2274E+03	66.9057E+02	34.7000E+02	03.8004E+01
23	32.4427E+03	20.1344E+03	11.0514E+03	57.0247E+02	29.7044E+02	75.5304E+01
24	30.8122E+03	18.7004E+03	99.9900E+02	48.9420E+02	25.3773E+02	63.0704E+01
25	29.2944E+03	17.4200E+03	90.5444E+02	44.0000E+02	21.6004E+02	50.0000E+01
26	27.8779E+03	16.2104E+03	82.0304E+02	39.4700E+02	18.5427E+02	39.4704E+01
27	26.5570E+03	15.1044E+03	74.3712E+02	35.7700E+02	15.9031E+02	31.0704E+01
28	25.3127E+03	14.0004E+03	67.4444E+02	32.0444E+02	13.7350E+02	25.0704E+01
29	24.1600E+03	13.1370E+03	61.2304E+02	27.0274E+02	11.8230E+02	20.0004E+01
30	23.0700E+03	12.4000E+03	55.6000E+02	23.6044E+02	10.3000E+02	16.7211E+01
31	22.0570E+03	11.7411E+03	50.7101E+02	21.0000E+02	9.0000E+01	14.4000E+01
32	21.0000E+03	10.4999E+03	45.9000E+02	18.9300E+02	7.1111E+01	10.0000E+01
33	20.1500E+03	10.0000E+03	41.7500E+02	16.4000E+02	6.2000E+01	07.0777E+00
34	19.2444E+03	9.5555E+02	37.0011E+02	14.4000E+02	5.2775E+01	71.0700E+00
35	18.4444E+03	9.1111E+02	34.4444E+02	12.0131E+02	4.6111E+01	37.9999E+00
36	17.7100E+03	8.1111E+02	31.4444E+02	11.3300E+02	4.0000E+01	44.1072E+00

ALL CAP = 2016

SPECIFIC DOSE RATE (RAD/HR PER CURIE/10 CM)

PARCE OMBRE

0	17. 207511+C4	17. 207515+C4	17. 207519+C4	17. 207523+C4	17. 207527+C4	17. 207531+C4	17. 207535+C4
1	19. 207539+C4	19. 207543+C4	19. 207547+C4	19. 207551+C4	19. 207555+C4	19. 207559+C4	19. 207563+C4
2	21. 207567+C4	21. 207571+C4	21. 207575+C4	21. 207579+C4	21. 207583+C4	21. 207587+C4	21. 207591+C4
3	23. 207595+C4	23. 207599+C4	23. 207603+C4	23. 207607+C4	23. 207611+C4	23. 207615+C4	23. 207619+C4
4	25. 207623+C4	25. 207627+C4	25. 207631+C4	25. 207635+C4	25. 207639+C4	25. 207643+C4	25. 207647+C4
5	27. 207651+C4	27. 207655+C4	27. 207659+C4	27. 207663+C4	27. 207667+C4	27. 207671+C4	27. 207675+C4
6	29. 207679+C4	29. 207683+C4	29. 207687+C4	29. 207691+C4	29. 207695+C4	29. 207699+C4	29. 207703+C4
7	31. 207707+C4	31. 207711+C4	31. 207715+C4	31. 207719+C4	31. 207723+C4	31. 207727+C4	31. 207731+C4
8	33. 207735+C4	33. 207739+C4	33. 207743+C4	33. 207747+C4	33. 207751+C4	33. 207755+C4	33. 207759+C4
9	35. 207763+C4	35. 207767+C4	35. 207771+C4	35. 207775+C4	35. 207779+C4	35. 207783+C4	35. 207787+C4
10	37. 207791+C4	37. 207795+C4	37. 207799+C4	37. 207803+C4	37. 207807+C4	37. 207811+C4	37. 207815+C4
11	39. 207819+C4	39. 207823+C4	39. 207827+C4	39. 207831+C4	39. 207835+C4	39. 207839+C4	39. 207843+C4
12	41. 207847+C4	41. 207851+C4	41. 207855+C4	41. 207859+C4	41. 207863+C4	41. 207867+C4	41. 207871+C4
13	43. 207875+C4	43. 207879+C4	43. 207883+C4	43. 207887+C4	43. 207891+C4	43. 207895+C4	43. 207899+C4
14	45. 207903+C4	45. 207907+C4	45. 207911+C4	45. 207915+C4	45. 207919+C4	45. 207923+C4	45. 207927+C4
15	47. 207931+C4	47. 207935+C4	47. 207939+C4	47. 207943+C4	47. 207947+C4	47. 207951+C4	47. 207955+C4
16	49. 207959+C4	49. 207963+C4	49. 207967+C4	49. 207971+C4	49. 207975+C4	49. 207979+C4	49. 207983+C4
17	51. 207987+C4	51. 207991+C4	51. 207995+C4	51. 207999+C4	51. 208003+C4	51. 208007+C4	51. 208011+C4
18	53. 208015+C4	53. 208019+C4	53. 208023+C4	53. 208027+C4	53. 208031+C4	53. 208035+C4	53. 208039+C4
19	55. 208043+C4	55. 208047+C4	55. 208051+C4	55. 208055+C4	55. 208059+C4	55. 208063+C4	55. 208067+C4
20	57. 208071+C4	57. 208075+C4	57. 208079+C4	57. 208083+C4	57. 208087+C4	57. 208091+C4	57. 208095+C4
21	59. 208099+C4	59. 208103+C4	59. 208107+C4	59. 208111+C4	59. 208115+C4	59. 208119+C4	59. 208123+C4
22	61. 208127+C4	61. 208131+C4	61. 208135+C4	61. 208139+C4	61. 208143+C4	61. 208147+C4	61. 208151+C4
23	63. 208155+C4	63. 208159+C4	63. 208163+C4	63. 208167+C4	63. 208171+C4	63. 208175+C4	63. 208179+C4
24	65. 208183+C4	65. 208187+C4	65. 208191+C4	65. 208195+C4	65. 208199+C4	65. 208203+C4	65. 208207+C4
25	67. 208211+C4	67. 208215+C4	67. 208219+C4	67. 208223+C4	67. 208227+C4	67. 208231+C4	67. 208235+C4
26	69. 208239+C4	69. 208243+C4	69. 208247+C4	69. 208251+C4	69. 208255+C4	69. 208259+C4	69. 208263+C4
27	71. 208267+C4	71. 208271+C4	71. 208275+C4	71. 208279+C4	71. 208283+C4	71. 208287+C4	71. 208291+C4
28	73. 208295+C4	73. 208299+C4	73. 208303+C4	73. 208307+C4	73. 208311+C4	73. 208315+C4	73. 208319+C4
29	75. 208323+C4	75. 208327+C4	75. 208331+C4	75. 208335+C4	75. 208339+C4	75. 208343+C4	75. 208347+C4
30	77. 208351+C4	77. 208355+C4	77. 208359+C4	77. 208363+C4	77. 208367+C4	77. 208371+C4	77. 208375+C4
31	79. 208379+C4	79. 208383+C4	79. 208387+C4	79. 208391+C4	79. 208395+C4	79. 208399+C4	79. 208403+C4
32	81. 208407+C4	81. 208411+C4	81. 208415+C4	81. 208419+C4	81. 208423+C4	81. 208427+C4	81. 208431+C4
33	83. 208435+C4	83. 208439+C4	83. 208443+C4	83. 208447+C4	83. 208451+C4	83. 208455+C4	83. 208459+C4
34	85. 208463+C4	85. 208467+C4	85. 208471+C4	85. 208475+C4	85. 208479+C4	85. 208483+C4	85. 208487+C4
35	87. 208491+C4	87. 208495+C4	87. 208499+C4	87. 208503+C4	87. 208507+C4	87. 208511+C4	87. 208515+C4
36	89. 208519+C4	89. 208523+C4	89. 208527+C4	89. 208531+C4	89. 208535+C4	89. 208539+C4	89. 208543+C4
37	91. 208547+C4	91. 208551+C4	91. 208555+C4	91. 208559+C4	91. 208563+C4	91. 208567+C4	91. 208571+C4
38	93. 208575+C4	93. 208579+C4	93. 208583+C4	93. 208587+C4	93. 208591+C4	93. 208595+C4	93. 208599+C4
39	95. 208603+C4	95. 208607+C4	95. 208611+C4	95. 208615+C4	95. 208619+C4	95. 208623+C4	95. 208627+C4
40	97. 208631+C4	97. 208635+C4	97. 208639+C4	97. 208643+C4	97. 208647+C4	97. 208651+C4	97. 208655+C4
41	99. 208659+C4	99. 208663+C4	99. 208667+C4	99. 208671+C4	99. 208675+C4	99. 208679+C4	99. 208683+C4
42	101. 208687+C4	101. 208691+C4	101. 208695+C4	101. 208699+C4	101. 208703+C4	101. 208707+C4	101. 208711+C4
43	103. 208715+C4	103. 208719+C4	103. 208723+C4	103. 208727+C4	103. 208731+C4	103. 208735+C4	103. 208739+C4
44	105. 208743+C4	105. 208747+C4	105. 208751+C4	105. 208755+C4	105. 208759+C4	105. 208763+C4	105. 208767+C4
45	107. 208771+C4	107. 208775+C4	107. 208779+C4	107. 208783+C4	107. 208787+C4	107. 208791+C4	107. 208795+C4
46	109. 208799+C4	109. 208803+C4	109. 208807+C4	109. 208811+C4	109. 208815+C4	109. 208819+C4	109. 208823+C4
47	111. 208827+C4	111. 208831+C4	111. 208835+C4	111. 208839+C4	111. 208843+C4	111. 208847+C4	111. 208851+C4
48	113. 208855+C4	113. 208859+C4	113. 208863+C4	113. 208867+C4	113. 208871+C4	113. 208875+C4	113. 208879+C4
49	115. 208883+C4	115. 208887+C4	115. 208891+C4	115. 208895+C4	115. 208899+C4	115. 208903+C4	115. 208907+C4
50	117. 208911+C4	117. 208915+C4	117. 208919+C4	117. 208923+C4	117. 208927+C4	117. 208931+C4	117. 208935+C4
51	119. 208939+C4	119. 208943+C4	119. 208947+C4	119. 208951+C4	119. 208955+C4	119. 208959+C4	119. 208963+C4
52	121. 208967+C4	121. 208971+C4	121. 208975+C4	121. 208979+C4	121. 208983+C4	121. 208987+C4	121. 208991+C4
53	123. 208995+C4	123. 208999+C4	123. 209003+C4	123. 209007+C4	123. 209011+C4	123. 209015+C4	123. 209019+C4
54	125. 209023+C4	125. 209027+C4	125. 209031+C4	125. 209035+C4	125. 209039+C4	125. 209043+C4	125. 209047+C4
55	127. 209051+C4	127. 209055+C4	127. 209059+C4	127. 209063+C4	127. 209067+C4	127. 209071+C4	127. 209075+C4
56	129. 209079+C4	129. 209083+C4	129. 209087+C4	129. 209091+C4	129. 209095+C4	129. 209099+C4	129. 209103+C4
57	131. 209107+C4	131. 209111+C4	131. 209115+C4	131. 209119+C4	131. 209123+C4	131. 209127+C4	131. 209131+C4
58	133. 209135+C4	133. 209139+C4	133. 209143+C4	133. 209147+C4	133. 209151+C4	133. 209155+C4	133. 209159+C4
59	135. 209163+C4	135. 209167+C4	135. 209171+C4	135. 209175+C4	135. 209179+C4	135. 209183+C4	135. 209187+C4
60	137. 209191+C4	137. 209195+C4	137. 209199+C4	137. 209203+C4	137. 209207+C4	137. 209211+C4	137. 209215+C4
61	139. 209219+C4	139. 209223+C4	139. 209227+C4	139. 209231+C4	139. 209235+C4	139. 209239+C4	139. 209243+C4
62	141. 209247+C4	141. 209251+C4	141. 209255+C4	141. 209259+C4	141. 209263+C4	141. 209267+C4	141. 209271+C4
63	143. 209275+C4	143. 209279+C4	143. 209283+C4	143. 209287+C4	143. 209291+C4	143. 209295+C4	143. 209299+C4
64	145. 209303+C4	145. 209307+C4	145. 209311+C4	145. 209315+C4	145. 209319+C4	145. 209323+C4	145. 209327+C4
65	147. 209331+C4	147. 209335+C4	147. 209339+C4	147. 209343+C4	147. 209347+C4	147. 209351+C4	147. 209355+C4
66	149. 209359+C4	149. 209363+C4	149. 209367+C4	149. 209371+C4	149. 209375+C4	149. 209379+C4	149. 209383+C4
67	151. 209387+C4	151. 209391+C4	151. 209395+C4	151. 209399+C4	151. 209403+C4	151. 209407+C4	151. 209411+C4
68	153. 209415+C4	153. 209419+C4	153. 209423+C4	153. 209427+C4	153. 209431+C4	153. 209435+C4	153. 209439+C4
69	155. 209443+C4	155. 209447+C4	155. 209451+C4	155. 209455+C4	155. 209459+C4	155. 209463+C4	155. 209467+C4
70	157. 209471+C4	157. 209475+C4	157. 209479+C4	157. 209483+C4	157. 209487+C4	157. 209491+C4	157. 209495+C4
71	159. 209499+C4	159. 209503+C4	159. 209507+C4	159. 209511+C4	159. 209515+C4	159. 209519+C4	159. 209523+C4
72	161. 209527+C4	161. 209531+C4	161. 209535+C4	161. 209539+C4	161. 209543+C4	161. 209547+C4	161. 209551+C4
73	163. 209555+C4	163. 209559+C4	163. 209563+C4	163. 209567+C4	163. 209571+C4	163. 209575+C4	163. 209579+C4
74	165. 209583+C4	165. 209587+C4	165. 209591+C4	165. 209595+C4	165. 209599+C4	165. 209603+C4	165. 209607+C4
75	167. 209611+C4	167. 209615+C4	167. 209619+C4	167. 209623+C4	167. 209627+C4	167. 209631+C4	167. 209635+C4
76	169. 209639+C4	169. 209643+C4	169. 209647+C4	169. 209651+C4	169. 209655+C4	169. 209659+C4	169. 209663+C4
77	171. 209667+C4	171. 209671+C4	171. 209675+C4	171. 209679+C4	171. 209683+C4	171. 209687+C4	171. 209691+C4
78	173. 209695+C4	173. 209699+C4	173. 209703+C4	173. 209707+C4	173. 209711+C4	173. 209715+C4	173. 209719+C4
79	175. 209723+C4	175. 209727+C4	175. 209731+C4	175. 209735+C4	175. 209739+C4	175. 209743+C4	175. 209747+C4
80	177. 209751+C4	177. 209755+C4	177. 209759+C4	177. 209763+C4	177. 209767+C4	177. 209771+C4	177. 209775+C4
81	179. 209779+C4	179. 209783+C4	179. 209787+C4	179. 209791+C4	179. 209795+C4	179. 209799+C4	179. 209803+C4
82	181. 209807+C4	181. 209811+C4	181. 209815+C4	181. 209819+C4	181. 209823+C4	181. 209827+C4	181. 209831+C4
83	183. 209835+C4	183. 209839+C4	183. 209843+C4	183. 209847+C4	183. 209851+C4	183. 209855+C4	183. 209859+C4
84	185. 209863+C4	185. 209867+C4	185. 209871+C4	185. 209875+C4	185. 209879+C4	185. 209883+C4	185. 209887+C4
85	187. 209891+C4	187. 209895+C4	187. 209899+C4	187. 209903+C4	187. 209907+C4	187. 209911+C4	187. 209915+C4
86	189. 209919+C4	189. 209923+C4	189. 209927+C4	189. 209931+C4	189. 209935+C4	189. 209939+C4	189. 209943+C4
87	191. 209947+C4	191. 209951+C4	191. 209955+C4	191. 209959+C4	191. 209963+C4	191. 209967+C4	191. 209971+C4
88	193. 209975+C4	193. 209979+C4	193. 209983+C4	193. 209987+C4	193. 209991+C4	193. 209995+C4	193. 209999+C4
89	195. 210003+C4	195. 210007+C4	195. 210011+C4	195. 210015+C4	195. 210019+C4	195. 210023+C4	195. 210027+C4
90	197. 210031+C4	197. 210035+C4	197. 210039+C4	197. 210043+C4	197. 210047+C4	197. 210051+C4	197. 210055+C4
91	199. 210059+C4	199. 210063+C4	199. 210067+C4	199. 210071+C4	199. 210075+C4	199. 210079+C4	199. 210083+C4
92	201. 210087+C4	201. 210091+C4	201. 210095+C4	201. 210099+C4			

412 CAS * 3:0132

SPECIFIC WORK RATE (CMH/200 PER CURIE/50 CM)

EAGLE SENSITIVE

[illegible]

00000000	12000000	24000000	36000000	48000000	60000000	72000000	84000000	96000000	108000000	120000000	132000000	144000000	156000000	168000000	180000000	192000000	204000000	216000000	228000000	240000000	252000000	264000000	276000000	288000000	300000000	312000000	324000000	336000000	348000000	360000000	372000000	384000000	396000000	408000000	420000000	432000000	444000000	456000000	468000000	480000000	492000000	504000000	516000000	528000000	540000000	552000000	564000000	576000000	588000000	600000000	612000000	624000000	636000000	648000000	660000000	672000000	684000000	696000000	708000000	720000000	732000000	744000000	756000000	768000000	780000000	792000000	804000000	816000000	828000000	840000000	852000000	864000000	876000000	888000000	900000000	912000000	924000000	936000000	948000000	960000000	972000000	984000000	996000000	1000000000
00000000	12000000	24000000	36000000	48000000	60000000	72000000	84000000	96000000	108000000	120000000	132000000	144000000	156000000	168000000	180000000	192000000	204000000	216000000	228000000	240000000	252000000	264000000	276000000	288000000	300000000	312000000	324000000	336000000	348000000	360000000	372000000	384000000	396000000	408000000	420000000	432000000	444000000	456000000	468000000	480000000	492000000	504000000	516000000	528000000	540000000	552000000	564000000	576000000	588000000	600000000	612000000	624000000	636000000	648000000	660000000	672000000	684000000	696000000	708000000	720000000	732000000	744000000	756000000	768000000	780000000	792000000	804000000	816000000	828000000	840000000	852000000	864000000	876000000	888000000	900000000	912000000	924000000	936000000	948000000	960000000	972000000	984000000	996000000	1000000000

1° 6° 6°
ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED DATE 01/23/01 BY 60321

6-5 A 000000 2 2

REF ID: A66325 • 101M.2131M • 110°E • 49°N

[illegible]

4° 5° 6°
ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED DATE 05/01/00 BY 60322 JAL/STP

0-1 000000 0 1

REC'D - CIVIL RIGHTS DIVISION - JAN 23 1968

PHOTOS OF SUBJECT

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 30IN.X120IN.

AIR GAP = 6.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/50 CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	11.5415E+04	11.5415E+04	11.5415E+04	11.5415E+04	11.5415E+04	11.5415E+04
1	10.4833E+03	10.4833E+03	10.4833E+03	10.4833E+03	10.4833E+03	10.4833E+03
2	8.7595E+02	8.7595E+02	8.7595E+02	8.7595E+02	8.7595E+02	8.7595E+02
3	6.7553E+02	6.7553E+02	6.7553E+02	6.7553E+02	6.7553E+02	6.7553E+02
4	5.1624E+02	5.1624E+02	5.1624E+02	5.1624E+02	5.1624E+02	5.1624E+02
5	3.9354E+02	3.9354E+02	3.9354E+02	3.9354E+02	3.9354E+02	3.9354E+02
6	2.9452E+02	2.9452E+02	2.9452E+02	2.9452E+02	2.9452E+02	2.9452E+02
7	2.1609E+02	2.1609E+02	2.1609E+02	2.1609E+02	2.1609E+02	2.1609E+02
8	1.6044E+02	1.6044E+02	1.6044E+02	1.6044E+02	1.6044E+02	1.6044E+02
9	1.1940E+02	1.1940E+02	1.1940E+02	1.1940E+02	1.1940E+02	1.1940E+02
10	8.8470E+01	8.8470E+01	8.8470E+01	8.8470E+01	8.8470E+01	8.8470E+01
11	6.6470E+01	6.6470E+01	6.6470E+01	6.6470E+01	6.6470E+01	6.6470E+01
12	4.9047E+01	4.9047E+01	4.9047E+01	4.9047E+01	4.9047E+01	4.9047E+01
13	3.6420E+01	3.6420E+01	3.6420E+01	3.6420E+01	3.6420E+01	3.6420E+01
14	2.7320E+01	2.7320E+01	2.7320E+01	2.7320E+01	2.7320E+01	2.7320E+01
15	2.0444E+01	2.0444E+01	2.0444E+01	2.0444E+01	2.0444E+01	2.0444E+01
16	1.5444E+01	1.5444E+01	1.5444E+01	1.5444E+01	1.5444E+01	1.5444E+01
17	1.1444E+01	1.1444E+01	1.1444E+01	1.1444E+01	1.1444E+01	1.1444E+01
18	8.4444E+00	8.4444E+00	8.4444E+00	8.4444E+00	8.4444E+00	8.4444E+00
19	6.2444E+00	6.2444E+00	6.2444E+00	6.2444E+00	6.2444E+00	6.2444E+00
20	4.6444E+00	4.6444E+00	4.6444E+00	4.6444E+00	4.6444E+00	4.6444E+00
21	3.4444E+00	3.4444E+00	3.4444E+00	3.4444E+00	3.4444E+00	3.4444E+00
22	2.5444E+00	2.5444E+00	2.5444E+00	2.5444E+00	2.5444E+00	2.5444E+00
23	1.8444E+00	1.8444E+00	1.8444E+00	1.8444E+00	1.8444E+00	1.8444E+00
24	1.3444E+00	1.3444E+00	1.3444E+00	1.3444E+00	1.3444E+00	1.3444E+00
25	9.4444E-01	9.4444E-01	9.4444E-01	9.4444E-01	9.4444E-01	9.4444E-01
26	6.9444E-01	6.9444E-01	6.9444E-01	6.9444E-01	6.9444E-01	6.9444E-01
27	5.1444E-01	5.1444E-01	5.1444E-01	5.1444E-01	5.1444E-01	5.1444E-01
28	3.8444E-01	3.8444E-01	3.8444E-01	3.8444E-01	3.8444E-01	3.8444E-01
29	2.8444E-01	2.8444E-01	2.8444E-01	2.8444E-01	2.8444E-01	2.8444E-01
30	2.0444E-01	2.0444E-01	2.0444E-01	2.0444E-01	2.0444E-01	2.0444E-01
31	1.4444E-01	1.4444E-01	1.4444E-01	1.4444E-01	1.4444E-01	1.4444E-01
32	1.0444E-01	1.0444E-01	1.0444E-01	1.0444E-01	1.0444E-01	1.0444E-01
33	7.4444E-02	7.4444E-02	7.4444E-02	7.4444E-02	7.4444E-02	7.4444E-02
34	5.4444E-02	5.4444E-02	5.4444E-02	5.4444E-02	5.4444E-02	5.4444E-02
35	3.9444E-02	3.9444E-02	3.9444E-02	3.9444E-02	3.9444E-02	3.9444E-02
36	2.8444E-02	2.8444E-02	2.8444E-02	2.8444E-02	2.8444E-02	2.8444E-02

RECTANGULAR SLAB SOURCE = 30IN.X120IN.

AIR GAP = 7.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/50 CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	10.5555E+04	10.5555E+04	10.5555E+04	10.5555E+04	10.5555E+04	10.5555E+04
1	9.0414E+03	9.0414E+03	9.0414E+03	9.0414E+03	9.0414E+03	9.0414E+03
2	7.5555E+02	7.5555E+02	7.5555E+02	7.5555E+02	7.5555E+02	7.5555E+02
3	6.1111E+02	6.1111E+02	6.1111E+02	6.1111E+02	6.1111E+02	6.1111E+02
4	4.7777E+02	4.7777E+02	4.7777E+02	4.7777E+02	4.7777E+02	4.7777E+02
5	3.5555E+02	3.5555E+02	3.5555E+02	3.5555E+02	3.5555E+02	3.5555E+02
6	2.6666E+02	2.6666E+02	2.6666E+02	2.6666E+02	2.6666E+02	2.6666E+02
7	2.0000E+02	2.0000E+02	2.0000E+02	2.0000E+02	2.0000E+02	2.0000E+02
8	1.4814E+02	1.4814E+02	1.4814E+02	1.4814E+02	1.4814E+02	1.4814E+02
9	1.0909E+02	1.0909E+02	1.0909E+02	1.0909E+02	1.0909E+02	1.0909E+02
10	8.1481E+01	8.1481E+01	8.1481E+01	8.1481E+01	8.1481E+01	8.1481E+01
11	6.0909E+01	6.0909E+01	6.0909E+01	6.0909E+01	6.0909E+01	6.0909E+01
12	4.5454E+01	4.5454E+01	4.5454E+01	4.5454E+01	4.5454E+01	4.5454E+01
13	3.3333E+01	3.3333E+01	3.3333E+01	3.3333E+01	3.3333E+01	3.3333E+01
14	2.4691E+01	2.4691E+01	2.4691E+01	2.4691E+01	2.4691E+01	2.4691E+01
15	1.8181E+01	1.8181E+01	1.8181E+01	1.8181E+01	1.8181E+01	1.8181E+01
16	1.3333E+01	1.3333E+01	1.3333E+01	1.3333E+01	1.3333E+01	1.3333E+01
17	9.7777E+00	9.7777E+00	9.7777E+00	9.7777E+00	9.7777E+00	9.7777E+00
18	7.1428E+00	7.1428E+00	7.1428E+00	7.1428E+00	7.1428E+00	7.1428E+00
19	5.2380E+00	5.2380E+00	5.2380E+00	5.2380E+00	5.2380E+00	5.2380E+00
20	3.8461E+00	3.8461E+00	3.8461E+00	3.8461E+00	3.8461E+00	3.8461E+00
21	2.7777E+00	2.7777E+00	2.7777E+00	2.7777E+00	2.7777E+00	2.7777E+00
22	2.0000E+00	2.0000E+00	2.0000E+00	2.0000E+00	2.0000E+00	2.0000E+00
23	1.4814E+00	1.4814E+00	1.4814E+00	1.4814E+00	1.4814E+00	1.4814E+00
24	1.0909E+00	1.0909E+00	1.0909E+00	1.0909E+00	1.0909E+00	1.0909E+00
25	8.1481E-01	8.1481E-01	8.1481E-01	8.1481E-01	8.1481E-01	8.1481E-01
26	6.0909E-01	6.0909E-01	6.0909E-01	6.0909E-01	6.0909E-01	6.0909E-01
27	4.5454E-01	4.5454E-01	4.5454E-01	4.5454E-01	4.5454E-01	4.5454E-01
28	3.3333E-01	3.3333E-01	3.3333E-01	3.3333E-01	3.3333E-01	3.3333E-01
29	2.4691E-01	2.4691E-01	2.4691E-01	2.4691E-01	2.4691E-01	2.4691E-01
30	1.8181E-01	1.8181E-01	1.8181E-01	1.8181E-01	1.8181E-01	1.8181E-01
31	1.3333E-01	1.3333E-01	1.3333E-01	1.3333E-01	1.3333E-01	1.3333E-01
32	9.7777E-02	9.7777E-02	9.7777E-02	9.7777E-02	9.7777E-02	9.7777E-02
33	7.1428E-02	7.1428E-02	7.1428E-02	7.1428E-02	7.1428E-02	7.1428E-02
34	5.2380E-02	5.2380E-02	5.2380E-02	5.2380E-02	5.2380E-02	5.2380E-02
35	3.8461E-02	3.8461E-02	3.8461E-02	3.8461E-02	3.8461E-02	3.8461E-02
36	2.7777E-02	2.7777E-02	2.7777E-02	2.7777E-02	2.7777E-02	2.7777E-02

RECTANGULAR SLAB SOURCE = 30IN.X240IN.

AIR GAP = 0.05IN.

Z = 0.0000 V = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/50 CM)

TARGET DENSITY

	.1	.3	.5	.7	.9	1.3
0	20.1179E+04	20.1179E+04	20.1179E+04	20.1179E+04	20.1179E+04	20.1179E+04
1	10.4017E+04	17.5422E+04	10.566E+04	15.660E+04	10.4017E+04	19.3752E+04
2	10.5010E+04	19.1533E+04	11.8000E+04	17.6532E+04	11.5010E+04	27.5037E+04
3	10.6049E+04	17.2719E+04	11.0622E+04	10.4543E+04	12.9403E+04	73.4083E+04
4	13.3159E+04	11.6750E+04	10.8217E+04	07.6277E+04	73.7907E+04	96.7507E+04
5	13.0029E+04	10.3532E+04	07.6515E+04	74.1730E+04	62.4430E+04	44.7553E+04
6	10.4944E+04	02.5756E+04	70.7587E+04	63.1789E+04	52.0001E+04	34.6901E+04
7	10.8742E+04	03.2070E+04	67.4000E+04	54.1000E+04	47.2020E+04	27.3430E+04
8	12.7352E+04	79.1127E+04	59.4370E+04	46.5000E+04	36.1644E+04	21.6450E+04
9	05.7050E+04	60.0514E+04	52.3054E+04	40.1075E+04	30.5475E+04	17.2826E+04
10	75.4917E+04	61.0319E+04	40.6362E+04	34.0707E+04	29.5543E+04	13.6000E+04
11	75.9440E+04	50.3741E+04	41.4960E+04	30.0473E+04	21.5494E+04	10.9117E+04
12	05.6207E+04	51.5101E+04	36.9026E+04	20.0040E+04	10.2032E+04	07.1042E+04
13	04.5760E+04	47.1710E+04	33.6310E+04	22.6824E+04	15.1904E+04	04.4153E+04
14	06.5445E+04	43.2671E+04	29.5407E+04	19.7527E+04	13.0431E+04	03.4953E+04
15	04.6275E+04	39.7944E+04	26.4748E+04	17.2242E+04	11.0408E+04	04.5082E+04
16	03.6177E+04	34.6430E+04	23.7544E+04	15.0374E+04	07.0860E+04	35.7404E+04
17	00.3950E+04	33.0053E+04	21.3415E+04	13.1627E+04	79.7499E+04	20.0622E+04
18	07.8201E+04	31.2371E+04	19.1960E+04	11.4903E+04	67.6342E+04	23.0007E+04
19	05.2052E+04	28.0949E+04	17.2870E+04	10.0693E+04	57.7301E+04	10.4604E+04
20	02.9420E+04	26.7513E+04	15.3037E+04	08.2507E+04	49.1670E+04	14.6702E+04
21	00.7780E+04	24.0047E+04	14.0012E+04	77.4103E+04	41.9027E+04	11.9704E+04
22	00.7752E+04	23.0249E+04	12.4993E+04	67.9319E+04	35.7140E+04	03.9111E+04
23	00.9154E+04	21.3477E+04	11.4709E+04	59.5946E+04	20.4951E+04	77.1662E+04
24	00.1360E+04	19.0900E+04	10.3041E+04	52.4741E+04	20.0350E+04	67.1117E+04
25	03.3740E+04	18.3245E+04	04.0070E+04	44.1500E+04	27.2407E+04	50.3140E+04
26	02.0040E+04	17.2575E+04	03.1651E+04	40.6220E+04	19.0900E+04	46.2097E+04
27	00.6000E+04	16.0930E+04	77.2054E+04	35.7730E+04	10.2547E+04	37.4670E+04
28	29.3402E+04	05.0100E+04	70.0330E+04	31.5900E+04	13.9097E+04	26.1740E+04
29	20.1011E+04	14.0241E+04	62.5659E+04	27.7000E+04	11.9017E+04	21.1075E+04
30	20.9361E+04	13.1047E+04	57.1277E+04	24.3040E+04	10.1900E+04	17.0240E+04
31	25.0270E+04	12.7534E+04	52.4535E+04	21.6210E+04	07.7000E+04	13.7404E+04
32	24.0040E+04	11.4042E+04	47.6074E+04	17.0004E+04	74.7000E+04	11.0014E+04
33	23.8200E+04	10.7310E+04	43.3714E+04	16.5022E+04	64.1104E+04	07.5487E+04
34	22.9050E+04	10.0510E+04	39.4657E+04	14.0007E+04	54.9022E+04	72.3757E+04
35	22.0311E+04	04.1907E+04	35.9274E+04	13.1001E+04	47.1000E+04	50.4400E+04
36	21.0031E+04	00.3154E+04	32.7190E+04	11.6349E+04	40.4499E+04	47.7704E+04

RECTANGULAR SLAB SOURCE = 30IN.X240IN.

AIR GAP = 1.01IN.

Z = 0.0000 V = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/50 CM)

TARGET DENSITY

	.1	.3	.5	.7	.9	1.3
0	19.1636E+04	19.1636E+04	19.1636E+04	19.1636E+04	19.1636E+04	19.1636E+04
1	10.9030E+04	16.2143E+04	13.5000E+04	10.6140E+04	14.1523E+04	12.9245E+04
2	13.3750E+04	24.0013E+04	12.0000E+04	11.0000E+04	11.0000E+04	00.1750E+04
3	13.3264E+04	12.2662E+04	11.0590E+04	09.4147E+04	06.2200E+04	71.1757E+04
4	12.7310E+04	10.0507E+04	09.4500E+04	08.1070E+04	72.5050E+04	04.3304E+04
5	11.1790E+04	06.0314E+04	03.0900E+04	70.0023E+04	60.1306E+04	43.1231E+04
6	10.1904E+04	06.0790E+04	72.7744E+04	60.4390E+04	40.9497E+04	33.0404E+04
7	03.0044E+04	70.3257E+04	64.0440E+04	51.6200E+04	41.0290E+04	30.7042E+04
8	04.6754E+04	70.0040E+04	54.1070E+04	44.6127E+04	34.0016E+04	21.1051E+04
9	00.3444E+04	64.3074E+04	50.1707E+04	30.5102E+04	20.3400E+04	16.7000E+04
10	74.7572E+04	50.6434E+04	44.5670E+04	33.5403E+04	24.7104E+04	13.5617E+04
11	69.7400E+04	50.5022E+04	39.7070E+04	26.9000E+04	20.0010E+04	10.6300E+04
12	69.2440E+04	40.6544E+04	36.4404E+04	27.1320E+04	17.6754E+04	03.0413E+04
13	61.1032E+04	41.0000E+04	31.6930E+04	21.0750E+04	10.9177E+04	07.0770E+04
14	57.9031E+04	41.3713E+04	20.1900E+04	19.0000E+04	12.6454E+04	04.9940E+04
15	54.1590E+04	30.0900E+04	25.4404E+04	10.6437E+04	10.7290E+04	43.5600E+04
16	51.1004E+04	75.1400E+04	22.0700E+04	10.5427E+04	01.1300E+04	34.0000E+04
17	40.2020E+04	32.4590E+04	30.3700E+04	12.7217E+04	72.0400E+04	20.0114E+04
18	45.7713E+04	26.2430E+04	10.3304E+04	11.1300E+04	60.9304E+04	25.0000E+04
19	43.2044E+04	27.0070E+04	16.7041E+04	07.6120E+04	50.1640E+04	10.0007E+04
20	41.1000E+04	25.7030E+04	15.0727E+04	00.6220E+04	47.0490E+04	14.1127E+04
21	34.1000E+04	23.7040E+04	13.6112E+04	70.1000E+04	40.7000E+04	11.0000E+04
22	27.0707E+04	22.2430E+04	12.3007E+04	60.0310E+04	34.0130E+04	03.0000E+04
23	25.5327E+04	20.0000E+04	11.1327E+04	50.0047E+04	29.7220E+04	75.0470E+04
24	31.0000E+04	10.2040E+04	10.0701E+04	11.0990E+04	24.7000E+04	60.0250E+04
25	32.2044E+04	17.0470E+04	01.3170E+04	44.0200E+04	31.7001E+04	40.9944E+04
26	30.9034E+04	10.7000E+04	02.7000E+04	54.3700E+04	10.9712E+04	29.0701E+04
27	29.0000E+04	15.6100E+04	70.1040E+04	30.0700E+04	19.0700E+04	31.0000E+04
28	20.3700E+04	14.5000E+04	60.1740E+04	30.7470E+04	10.3000E+04	70.6014E+04
29	27.0000E+04	10.6113E+04	61.9100E+04	27.1153E+04	11.0000E+04	20.7000E+04
30	24.0000E+04	12.7400E+04	50.0040E+04	23.0000E+04	00.4400E+04	10.7000E+04
31	23.0514E+04	11.0000E+04	51.1620E+04	21.1327E+04	64.0000E+04	03.4034E+04
32	24.0044E+04	11.1630E+04	44.5324E+04	10.6470E+04	73.2100E+04	10.0071E+04
33	23.1530E+04	10.4500E+04	42.0470E+04	10.6010E+04	42.7000E+04	07.9512E+04
34	22.7719E+04	00.0000E+04	30.5070E+04	10.5070E+04	31.0430E+04	71.0400E+04
35	21.4704E+04	01.0000E+04	30.1170E+04	12.0000E+04	40.2700E+04	52.4119E+04
36	20.0270E+04	00.2100E+04	31.0744E+04	11.9000E+04	39.4754E+04	60.4407E+04

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 30IN.X240IN.

AIR GAP = 2.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/50 CM)

TARGET DENSITY

	.1	.3	.5	.7	.9	1.3
0	17.3294E+04	17.3294E+04	17.3294E+04	17.3294E+04	17.3294E+04	17.3294E+04
1	15.3400E+04	14.8049E+04	14.2671E+04	13.7303E+04	13.2219E+04	12.2334E+04
2	13.7316E+04	12.8937E+04	12.0599E+04	11.2549E+04	10.4808E+04	90.8343E+03
3	12.4043E+04	11.3708E+04	10.5730E+04	93.8303E+03	84.9467E+03	69.2390E+03
4	11.2018E+04	10.1172E+04	89.7971E+03	79.2445E+03	69.6829E+03	51.6788E+03
5	10.3216E+04	90.6258E+03	78.4547E+03	67.4880E+03	57.8444E+03	41.6726E+03
6	94.9018E+03	81.6544E+03	69.9246E+03	57.6795E+03	47.9760E+03	32.8712E+03
7	87.6330E+03	73.8567E+03	60.8158E+03	49.9548E+03	40.1075E+03	25.9483E+03
8	81.2260E+03	66.9961E+03	53.8311E+03	42.7329E+03	33.6444E+03	20.5799E+03
9	75.5394E+03	61.0640E+03	47.8295E+03	36.9222E+03	28.9848E+03	16.3438E+03
10	70.4421E+03	55.7677E+03	42.5816E+03	32.0310E+03	23.9462E+03	12.8120E+03
11	65.9046E+03	50.9833E+03	37.9063E+03	27.8295E+03	20.1930E+03	10.3725E+03
12	61.7047E+03	46.7756E+03	33.9784E+03	24.2050E+03	17.0207E+03	8.0625E+02
13	56.8724E+03	42.9921E+03	30.4230E+03	21.0733E+03	14.4455E+03	6.0625E+02
14	54.4681E+03	39.5076E+03	27.2098E+03	18.4662E+03	12.5546E+03	5.0613E+02
15	51.4601E+03	36.5137E+03	24.5134E+03	16.0013E+03	10.4854E+03	4.2533E+02
16	48.7732E+03	33.7276E+03	22.0470E+03	14.0457E+03	9.0474E+02	3.6070E+02
17	46.1772E+03	31.1904E+03	19.8536E+03	12.3153E+03	7.9745E+02	3.0734E+02
18	43.7943E+03	28.8943E+03	17.8974E+03	10.7927E+03	6.4733E+02	2.8044E+02
19	41.5790E+03	26.7999E+03	16.1502E+03	9.4046E+02	5.4502E+02	2.6494E+02
20	39.5355E+03	24.8761E+03	14.5872E+03	8.2183E+02	4.6356E+02	2.6108E+02
21	37.6392E+03	23.1179E+03	13.1870E+03	7.3005E+02	3.9723E+02	2.6124E+02
22	35.8760E+03	21.5044E+03	11.9389E+03	6.4180E+02	3.3916E+02	2.6376E+01
23	34.2320E+03	20.0223E+03	10.8037E+03	5.4584E+02	2.8974E+02	2.6376E+01
24	32.6995E+03	18.6500E+03	97.8624E+02	4.6788E+02	2.4765E+02	2.6376E+01
25	31.2631E+03	17.4004E+03	88.7498E+02	4.3780E+02	2.1170E+02	2.6376E+01
26	29.9182E+03	16.2602E+03	80.5282E+02	38.5598E+02	1.8110E+02	2.6376E+01
27	28.6555E+03	15.1679E+03	73.0773E+02	34.0817E+02	1.5508E+02	2.6376E+01
28	27.4664E+03	14.1170E+03	66.3762E+02	29.9791E+02	1.3370E+02	2.6376E+01
29	26.3390E+03	13.1073E+03	60.3414E+02	26.4704E+02	1.1577E+02	2.6376E+01
30	25.2672E+03	12.1403E+03	54.9045E+02	23.3702E+02	1.0090E+01	1.3637E+01
31	24.2436E+03	11.2151E+03	49.9127E+02	20.6416E+02	83.5479E+01	1.7.2316E+01
32	23.2616E+03	10.3300E+03	45.4264E+02	18.2500E+02	71.4667E+01	1.6.6047E+01
33	22.3144E+03	9.4838E+03	41.3416E+02	16.1219E+02	61.9932E+01	1.6.3411E+01
34	21.4278E+03	8.6765E+03	37.6799E+02	14.2597E+02	52.7774E+01	1.6.7757E+01
35	20.5975E+03	7.9175E+03	34.3330E+02	12.6099E+02	45.3883E+01	1.6.4038E+01
36	20.0057E+03	7.4207E+02	31.2967E+02	11.1570E+02	38.9048E+01	1.6.0047E+01

RECTANGULAR SLAB SOURCE = 30IN.X240IN.

AIR GAP = 3.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/50 CM)

TARGET DENSITY

	.1	.3	.5	.7	.9	1.3
0	15.6170E+04	15.6170E+04	15.6170E+04	15.6170E+04	15.6170E+04	15.6170E+04
1	13.9440E+04	13.3260E+04	12.7067E+04	12.0834E+04	12.2642E+04	11.4320E+04
2	12.2704E+04	11.8090E+04	11.1906E+04	10.5190E+04	10.3606E+04	9.8399E+03
3	11.4237E+04	10.5261E+04	10.0314E+04	9.04279E+03	9.02318E+03	8.63401E+03
4	10.4423E+04	9.48172E+03	8.94233E+03	75.0182E+03	66.3754E+03	51.5716E+03
5	95.9611E+03	84.9164E+03	74.8766E+03	64.0446E+03	55.1047E+03	40.3940E+03
6	88.5744E+03	76.7629E+03	65.2762E+03	54.9844E+03	45.9796E+03	31.8162E+03
7	82.0731E+03	69.4444E+03	57.7945E+03	47.3387E+03	38.5163E+03	25.1631E+03
8	76.3080E+03	63.3932E+03	52.7637E+03	40.9839E+03	32.3470E+03	19.9631E+03
9	71.1668E+03	57.8723E+03	45.6240E+03	35.4350E+03	27.2478E+03	15.8047E+03
10	66.5644E+03	52.7637E+03	40.7004E+03	30.7640E+03	23.8183E+03	12.8162E+03
11	62.3972E+03	48.3062E+03	36.3817E+03	26.7780E+03	19.4457E+03	10.0972E+03
12	58.6330E+03	44.4110E+03	32.5796E+03	23.3131E+03	16.0400E+03	8.0077E+02
13	55.2134E+03	41.1146E+03	29.2219E+03	20.2682E+03	13.9807E+03	6.3491E+02
14	52.0934E+03	37.9216E+03	26.2464E+03	17.7046E+03	11.8703E+03	5.1715E+02
15	49.2370E+03	35.0302E+03	23.6807E+03	15.5410E+03	10.0880E+03	4.1.5742E+02
16	46.6161E+03	32.4053E+03	21.2401E+03	13.6894E+03	8.90770E+02	3.2.8622E+02
17	44.2023E+03	30.0199E+03	19.1445E+03	11.9754E+03	7.76700E+02	2.6.7042E+02
18	41.9740E+03	27.8364E+03	17.7047E+03	10.4680E+03	6.72044E+02	2.1.5316E+02
19	39.9010E+03	25.8444E+03	15.6242E+03	9.10347E+02	5.83086E+02	1.7.2434E+02
20	37.9660E+03	24.0190E+03	13.8250E+03	8.04812E+02	4.95380E+02	1.3.6082E+02
21	36.2171E+03	22.3453E+03	12.7014E+03	7.07339E+02	4.06003E+02	1.0.1594E+02
22	34.5967E+03	20.8072E+03	11.3742E+03	6.24047E+02	3.3.0093E+02	8.0.3814E+01
23	33.0194E+03	19.3915E+03	10.0003E+03	5.4.2556E+02	2.6.2570E+02	6.2.7258E+01
24	31.4620E+03	18.0044E+03	8.6.1074E+02	4.6.2876E+02	2.0.4432E+02	5.0.0046E+01
25	29.9267E+03	16.6523E+03	7.0.5534E+02	3.8.6802E+02	1.7.0090E+02	3.9.9432E+01
26	28.4030E+03	15.3391E+03	5.7.1877E+02	3.3.1870E+02	1.5.1537E+02	3.0.5670E+01
27	26.8893E+03	14.0702E+03	4.4.0753E+02	2.9.2739E+02	1.2.9038E+02	2.4.6612E+01
28	25.3932E+03	12.8403E+03	3.6.3227E+02	2.5.0400E+02	1.1.1607E+02	1.9.9104E+01
29	24.0100E+03	11.6403E+03	3.1.3640E+02	2.2.0340E+02	9.5.3994E+01	1.6.4707E+01
30	22.7360E+03	10.4704E+03	2.6.7205E+02	1.9.1701E+02	8.1.0224E+01	1.2.9028E+01
31	22.4670E+03	10.0044E+03	24.3634E+02	17.0370E+02	7.0.2012E+01	1.0.4910E+01
32	21.0194E+03	9.04640E+02	2.0.4105E+02	1.5.7748E+02	6.0.2500E+01	8.4.7837E+00
33	21.0317E+03	8.4.3411E+02	1.8.0333E+02	1.3.9648E+02	5.1.7254E+01	6.8.3727E+00
34	20.2490E+03	8.1.6141E+02	1.5.5083E+02	1.2.5098E+02	4.4.4201E+01	5.5.4104E+00
35	19.5340E+03	8.2.2762E+02	1.0.6254E+02	1.0.9116E+02	3.8.1273E+01	4.6.8220E+00

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 30IN.X240IN.

AIR GAP = 4.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	14.1494E+04	14.1494E+04	14.1494E+04	14.1494E+04	14.1494E+04	14.1494E+04
1	12.7378E+04	12.4045E+04	12.0623E+04	11.7166E+04	11.3702E+04	10.6876E+04
2	11.5407E+04	10.9944E+04	10.4993E+04	98.2702E+03	92.5754E+03	81.7932E+03
3	10.5610E+04	98.2239E+03	90.6235E+03	83.2879E+03	76.1464E+03	65.3477E+03
4	96.4993E+03	86.2907E+03	79.4136E+03	70.9482E+03	63.1032E+03	49.4879E+03
5	84.4963E+03	74.7590E+03	65.9421E+03	55.8159E+03	45.3057E+03	30.8777E+03
6	72.9027E+03	62.3254E+03	51.8315E+03	42.3454E+03	34.6083E+03	20.7154E+03
7	62.9031E+03	52.8217E+03	44.6794E+03	37.4648E+03	30.7952E+03	19.3368E+03
8	54.7560E+03	46.6777E+03	40.6112E+03	35.1460E+03	29.1130E+03	19.3368E+03
9	47.1923E+03	40.9774E+03	35.5542E+03	30.9775E+03	26.2940E+03	15.3408E+03
10	42.4691E+03	36.4240E+03	30.9292E+03	27.3407E+03	22.1953E+03	12.2634E+03
11	38.1858E+03	32.5479E+03	27.8599E+03	23.7410E+03	18.7941E+03	9.1283E+02
12	34.7304E+03	29.6775E+03	25.2677E+03	22.4576E+03	15.9361E+03	7.4897E+02
13	32.3793E+03	27.3635E+03	23.0473E+03	19.6101E+03	13.5292E+03	42.8464E+02
14	30.6960E+03	26.3046E+03	21.2444E+03	17.1999E+03	11.4703E+03	50.3722E+02
15	29.4694E+03	25.6441E+03	20.7532E+03	15.6251E+03	97.8173E+02	40.4046E+02
16	28.5120E+03	25.1664E+03	20.5144E+03	13.1689E+03	83.2376E+02	32.4355E+02
17	27.8634E+03	24.7863E+03	18.5194E+03	11.5324E+03	70.9729E+02	26.0555E+02
18	26.2817E+03	24.0402E+03	16.7271E+03	10.4190E+03	60.3254E+02	20.9427E+02
19	25.0507E+03	23.9482E+03	15.1249E+03	89.1192E+02	51.6473E+02	16.8428E+02
20	24.5550E+03	23.2121E+03	13.6874E+03	78.3609E+02	44.1013E+02	13.5524E+02
21	24.8019E+03	21.6165E+03	12.3704E+03	68.9448E+02	37.6704E+02	10.9105E+02
22	23.3197E+03	20.1470E+03	11.2347E+03	60.7014E+02	32.2105E+02	8.7973E+01
23	21.8583E+03	18.7941E+03	10.1899E+03	53.4731E+02	27.5494E+02	70.9046E+01
24	20.4893E+03	17.5435E+03	92.4632E+02	47.1314E+02	23.5742E+02	57.6748E+01
25	19.2841E+03	16.3896E+03	83.9620E+02	41.5631E+02	20.1010E+02	46.0234E+01
26	18.2790E+03	15.3289E+03	76.2834E+02	36.4765E+02	17.2850E+02	37.1262E+01
27	17.4554E+03	14.3500E+03	69.3443E+02	32.3608E+02	14.8100E+02	29.9527E+01
28	15.7854E+03	13.4129E+03	63.0470E+02	28.5041E+02	12.6943E+02	24.1837E+01
29	14.7773E+03	12.5160E+03	57.3860E+02	25.2524E+02	10.8047E+02	19.5278E+01
30	13.6154E+03	11.7671E+03	52.2410E+02	22.8177E+02	93.3464E+01	15.7751E+01
31	12.2892E+03	11.0337E+03	47.5771E+02	19.7313E+02	80.1137E+01	12.7448E+01
32	11.2205E+03	10.3477E+03	43.3471E+02	17.6512E+02	68.7630E+01	10.2995E+01
33	10.2250E+03	97.0990E+02	39.5006E+02	15.4377E+02	59.0400E+01	83.2619E+00
34	9.4642E+03	91.1443E+02	36.0233E+02	13.4445E+02	50.7061E+01	67.3270E+00
35	19.7264E+03	85.5072E+02	32.8571E+02	12.0972E+02	43.5610E+01	54.4554E+00
36	19.6266E+03	80.5174E+02	29.0792E+02	10.7128E+02	37.4329E+01	44.5557E+00

RECTANGULAR SLAB SOURCE = 30IN.X240IN.

AIR GAP = 5.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	12.8997E+04	12.8997E+04	12.8997E+04	12.8997E+04	12.8997E+04	12.8997E+04
1	11.4959E+04	11.4277E+04	11.1399E+04	10.8408E+04	10.5541E+04	99.7174E+03
2	10.6761E+04	10.1904E+04	96.9544E+03	91.8651E+03	86.8790E+03	77.2948E+03
3	98.0064E+03	91.6219E+03	84.9344E+03	79.3257E+03	71.9740E+03	60.3374E+03
4	90.3935E+03	82.7443E+03	74.7871E+03	67.1174E+03	59.9507E+03	47.3849E+03
5	83.7109E+03	75.6291E+03	66.1234E+03	57.7549E+03	50.1507E+03	37.3836E+03
6	77.7007E+03	68.2723E+03	58.4634E+03	49.8647E+03	42.8940E+03	29.6010E+03
7	72.5330E+03	62.3110E+03	52.1950E+03	43.1771E+03	35.4350E+03	23.5049E+03
8	67.8159E+03	57.6270E+03	46.5544E+03	37.4732E+03	29.4961E+03	18.7099E+03
9	63.3657E+03	52.3834E+03	41.4120E+03	32.5683E+03	25.2710E+03	14.9197E+03
10	59.7270E+03	48.0757E+03	37.2450E+03	28.2900E+03	21.3962E+03	11.9198E+03
11	56.2378E+03	44.2732E+03	33.4290E+03	24.7702E+03	19.1442E+03	95.25.90E+02
12	52.9540E+03	40.8413E+03	30.0324E+03	21.6414E+03	17.4042E+03	76.2735E+02
13	49.1467E+03	37.7343E+03	27.6177E+03	18.9307E+03	15.0926E+03	61.1422E+02
14	45.4759E+03	34.9137E+03	24.3557E+03	16.3777E+03	13.1309E+03	49.0423E+02
15	42.0172E+03	32.3666E+03	21.9448E+03	14.3317E+03	10.6910E+02	39.3673E+02
16	38.7844E+03	30.0608E+03	19.8893E+03	12.7497E+03	90.8357E+02	31.6229E+02
17	35.8694E+03	27.8640E+03	17.9909E+03	11.1944E+03	80.9420E+02	25.4180E+02
18	33.2092E+03	25.9031E+03	16.1870E+03	98.3853E+02	70.8305E+02	20.4424E+02
19	30.8092E+03	24.1837E+03	14.6510E+03	86.5212E+02	59.2475E+02	16.4495E+02
20	28.7017E+03	22.6700E+03	13.3790E+03	76.1304E+02	49.9463E+02	13.2430E+02
21	26.8242E+03	20.4273E+03	12.0295E+03	67.8433E+02	40.7660E+02	10.6643E+02
22	25.1523E+03	19.3237E+03	10.9115E+03	59.8607E+02	31.4807E+02	85.9497E+01
23	23.7716E+03	18.2270E+03	99.8349E+02	52.0711E+02	26.8732E+02	69.2854E+01
24	22.6754E+03	17.3301E+03	89.9430E+02	45.9260E+02	23.0067E+02	55.8738E+01
25	21.7594E+03	16.5216E+03	81.7277E+02	40.3257E+02	19.7067E+02	45.8746E+01
26	21.1044E+03	15.8744E+03	74.3057E+02	35.7767E+02	16.8808E+02	36.3752E+01
27	20.6270E+03	15.3421E+03	67.5090E+02	31.9070E+02	14.4779E+02	29.1542E+01
28	20.3044E+03	14.9179E+03	61.5099E+02	27.9104E+02	12.4157E+02	23.7125E+01
29	20.0402E+03	13.2362E+03	56.0919E+02	24.6774E+02	10.6509E+02	19.1542E+01
30	20.1240E+03	11.6720E+03	51.0069E+02	21.8203E+02	91.4009E+01	15.4766E+01
31	22.2605E+03	10.7607E+03	46.4790E+02	19.3012E+02	78.4000E+01	12.5606E+01
32	21.4369E+03	10.0900E+03	42.3651E+02	17.0785E+02	67.3722E+01	10.1124E+01
33	20.6502E+03	94.8013E+02	38.6361E+02	15.1167E+02	57.6681E+01	81.7760E+00
34	19.9167E+03	89.0402E+02	35.2444E+02	13.3843E+02	49.7107E+01	66.1455E+00
35	19.2100E+03	83.6632E+02	32.1011E+02	11.8937E+02	42.7284E+01	53.9156E+00
36	18.5389E+03	78.6352E+02	29.3549E+02	10.5015E+02	36.7305E+01	43.3075E+00

RECTANGULAR SLAB SOURCE = 30IN.X240IN.

AIR GAP = 4.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	11.8244E+04	11.8244E+04	11.8244E+04	11.8244E+04	11.8244E+04	11.8244E+04
1	10.1872E+04	10.3610E+04	10.3216E+04	10.8742E+04	98.2239E+03	93.1492E+03
2	98.9705E+03	94.9918E+03	90.5227E+03	86.0532E+03	81.4064E+03	73.0110E+03
3	91.2404E+03	85.7055E+03	79.7508E+03	73.8062E+03	68.6514E+03	57.4117E+03
4	84.4935E+03	77.7207E+03	70.5362E+03	63.9401E+03	55.9579E+03	45.3160E+03
5	78.5122E+03	70.7284E+03	62.5942E+03	54.8799E+03	47.8253E+03	35.8872E+03
6	73.1889E+03	64.5008E+03	55.7047E+03	47.3264E+03	40.2655E+03	28.4988E+03
7	68.4238E+03	59.0676E+03	49.4953E+03	41.2594E+03	33.9775E+03	22.6824E+03
8	64.1337E+03	54.2056E+03	44.4293E+03	35.8884E+03	28.7261E+03	18.0871E+03
9	60.2555E+03	49.8314E+03	39.7964E+03	31.2713E+03	24.3273E+03	14.4455E+03
10	56.7961E+03	45.8973E+03	35.7065E+03	27.2899E+03	20.6313E+03	11.5525E+03
11	53.5244E+03	42.3463E+03	32.0853E+03	23.8477E+03	17.3105E+03	9.4942E+02
12	50.5887E+03	39.1312E+03	28.8706E+03	20.8650E+03	14.8924E+03	76.1290E+02
13	47.8948E+03	36.2121E+03	26.0102E+03	18.2795E+03	12.6723E+03	59.4625E+02
14	45.4154E+03	33.5550E+03	23.4596E+03	16.0232E+03	10.7929E+03	47.7350E+02
15	43.1271E+03	31.1307E+03	21.1811E+03	14.0612E+03	91.9969E+02	38.3473E+02
16	41.0096E+03	28.9142E+03	19.1423E+03	12.3490E+03	78.4750E+02	30.8255E+02
17	39.0454E+03	26.8837E+03	17.3150E+03	10.8550E+03	68.9062E+02	24.7934E+02
18	37.2192E+03	25.0201E+03	15.6750E+03	93.1786E+02	57.2155E+02	19.5524E+02
19	35.5177E+03	23.3069E+03	14.2012E+03	84.0370E+02	48.8956E+02	16.0446E+02
20	33.9293E+03	21.7295E+03	12.8751E+03	76.8120E+02	41.8134E+02	12.9403E+02
21	32.4439E+03	20.2790E+03	11.6807E+03	69.3205E+02	35.7730E+02	10.4281E+02
22	31.0512E+03	18.9321E+03	10.6037E+03	62.5044E+02	30.6199E+02	8.6699E+01
23	29.7444E+03	17.6905E+03	9.6316E+02	56.7268E+02	26.2209E+02	67.8022E+01
24	28.5158E+03	16.5412E+03	8.75362E+02	51.7695E+02	22.4634E+02	50.7021E+01
25	27.3590E+03	15.4763E+03	7.95976E+02	47.5297E+02	19.2521E+02	36.4355E+01
26	26.2683E+03	14.4885E+03	7.24148E+02	43.9180E+02	16.5062E+02	25.6423E+01
27	25.2384E+03	13.5713E+03	6.59109E+02	40.8549E+02	14.1570E+02	18.1742E+01
28	24.2648E+03	12.7199E+03	6.01078E+02	37.2786E+02	12.1444E+02	13.2527E+01
29	23.3432E+03	11.9255E+03	5.46745E+02	34.1240E+02	10.4247E+02	9.7846E+01
30	22.4698E+03	11.1877E+03	4.92649E+02	31.3417E+02	89.4988E+01	7.1874E+01
31	21.6412E+03	10.5005E+03	4.4263E+02	28.8846E+02	76.8602E+01	5.2790E+01
32	20.8543E+03	9.85873E+02	4.1294E+02	26.7192E+02	64.0252E+01	3.9019E+00
33	20.1062E+03	9.26041E+02	3.77972E+02	24.8050E+02	56.7335E+01	89.3235E+00
34	19.3943E+03	8.70179E+02	3.44949E+02	23.1138E+02	48.7622E+01	64.9928E+00
35	18.7162E+03	8.17991E+02	3.14909E+02	21.6191E+02	41.9217E+01	52.5985E+00
36	18.0699E+03	7.69205E+02	2.87573E+02	20.2974E+02	36.0496E+01	42.5774E+00

RECTANGULAR SLAB SOURCE = 30IN.X240IN.

AIR GAP = 7.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	10.8930E+04	10.8930E+04	10.8930E+04	10.8930E+04	10.8930E+04	10.8930E+04
1	99.9094E+03	98.0042E+03	95.9611E+03	93.8246E+03	91.6315E+03	87.1719E+03
2	92.0915E+03	88.5744E+03	84.7267E+03	80.7495E+03	76.7629E+03	68.9930E+03
3	85.2433E+03	80.3444E+03	75.0291E+03	69.6467E+03	64.3954E+03	54.8158E+03
4	79.1994E+03	73.1637E+03	66.6367E+03	60.2196E+03	54.1428E+03	43.3187E+03
5	73.8222E+03	66.8860E+03	59.3385E+03	52.1950E+03	45.6249E+03	34.4316E+03
6	69.0104E+03	61.1605E+03	52.9627E+03	45.3371E+03	38.5252E+03	27.4212E+03
7	64.6819E+03	56.1225E+03	47.7115E+03	39.4551E+03	32.5885E+03	21.8755E+03
8	60.7692E+03	51.6070E+03	42.4479E+03	34.3938E+03	27.6099E+03	17.4771E+03
9	57.2175E+03	47.5440E+03	38.0988E+03	30.6264E+03	23.4241E+03	13.9809E+03
10	53.9608E+03	43.8750E+03	34.2480E+03	26.2484E+03	19.8971E+03	11.1965E+03
11	51.0208E+03	40.5584E+03	30.8243E+03	22.9731E+03	16.9196E+03	89.7538E+02
12	48.3049E+03	37.5565E+03	27.7783E+03	20.1202E+03	14.4016E+03	72.0104E+02
13	45.8036E+03	34.7889E+03	25.0613E+03	17.6528E+03	12.2492E+03	57.8193E+02
14	43.4989E+03	32.2824E+03	22.6335E+03	15.4954E+03	10.4688E+03	46.4965E+02
15	41.3614E+03	29.9908E+03	20.4598E+03	13.6132E+03	89.2554E+02	37.3507E+02
16	39.3849E+03	27.8892E+03	18.5113E+03	11.9684E+03	76.2006E+02	30.4747E+02
17	37.5443E+03	25.9607E+03	16.7619E+03	10.5300E+03	65.1062E+02	24.1837E+02
18	35.8293E+03	24.1874E+03	15.1894E+03	92.7032E+02	55.6446E+02	19.4743E+02
19	34.2289E+03	22.5436E+03	13.7740E+03	81.6430E+02	47.6004E+02	15.6891E+02
20	32.7310E+03	21.0401E+03	12.4988E+03	71.9784E+02	40.7326E+02	12.6450E+02
21	31.3277E+03	19.6571E+03	11.3487E+03	63.4740E+02	34.8719E+02	10.1954E+02
22	30.0104E+03	18.3708E+03	10.3104E+03	56.0059E+02	29.8674E+02	82.2374E+01
23	28.7723E+03	17.1799E+03	9.37225E+02	49.4382E+02	25.5922E+02	60.3562E+01
24	27.6063E+03	16.0763E+03	8.52384E+02	43.6401E+02	21.9374E+02	53.5601E+01
25	26.5069E+03	15.0523E+03	7.75802E+02	38.5735E+02	18.9114E+02	43.2455E+01
26	25.4688E+03	14.1013E+03	7.06041E+02	34.0931E+02	16.1349E+02	34.9281E+01
27	24.4873E+03	13.2173E+03	6.43036E+02	30.1449E+02	13.8472E+02	28.2180E+01
28	23.5582E+03	12.3949E+03	5.8681E+02	26.6628E+02	11.8862E+02	22.8047E+01
29	22.6778E+03	11.6291E+03	5.34015E+02	23.5914E+02	10.2061E+02	18.4344E+01
30	21.8524E+03	10.9152E+03	4.84924E+02	20.8806E+02	87.6690E+01	14.7055E+01
31	21.0491E+03	10.2501E+03	4.41444E+02	18.4870E+02	75.3126E+01	12.4053E+01
32	20.2946E+03	9.62914E+02	4.03261E+02	16.3727E+02	64.7219E+01	97.5240E+00
33	19.5770E+03	9.04926E+02	3.69902E+02	14.5063E+02	55.6350E+01	78.9135E+00
34	18.8933E+03	8.50740E+02	3.37735E+02	12.8527E+02	47.8358E+01	63.8688E+00
35	18.2415E+03	8.00047E+02	3.06453E+02	11.3921E+02	41.1399E+01	51.7041E+00
36	17.6197E+03	7.52498E+02	2.76172E+02	10.1001E+02	35.3895E+01	41.8654E+00

RECTANGULAR SLAB SOURCE = 40 IN. X 20 IN.

AIR GAP = 0.0 IN.

X = Y = 0

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	20.0981E+04	20.0981E+04	20.0981E+04	20.0981E+04	20.0981E+04	20.0981E+04
1	17.3495E+04	16.5882E+04	15.9373E+04	15.1100E+04	14.4132E+04	13.1217E+04
2	14.3259E+04	13.5171E+04	12.6591E+04	11.7816E+04	10.9421E+04	94.0293E+03
3	11.9846E+04	11.2240E+04	10.3436E+04	94.4124E+03	85.6774E+03	69.9203E+03
4	10.1774E+04	94.6669E+03	85.9600E+03	76.9466E+03	68.2776E+03	52.9930E+03
5	87.4991E+03	80.7930E+03	72.2573E+03	63.4210E+03	55.0246E+03	40.6219E+03
6	75.9826E+03	69.5981E+03	61.2588E+03	52.6966E+03	44.6903E+03	31.3719E+03
7	66.5321E+03	60.3833E+03	52.2829E+03	44.0561E+03	36.5069E+03	24.3562E+03
8	58.6705E+03	52.7219E+03	44.6670E+03	37.0140E+03	29.9567E+03	19.9843E+03
9	52.0571E+03	46.2778E+03	38.6807E+03	31.2244E+03	24.6702E+03	14.8432E+03
10	46.4411E+03	40.8104E+03	33.4602E+03	26.4316E+03	20.3579E+03	11.6307E+03
11	41.6334E+03	36.1375E+03	29.0800E+03	22.4427E+03	16.8822E+03	91.3903E+02
12	37.4883E+03	32.1180E+03	25.3364E+03	19.1045E+03	14.0155E+03	71.9176E+02
13	33.6919E+03	28.6412E+03	22.1362E+03	16.3019E+03	11.6592E+03	54.6831E+02
14	30.7540E+03	25.6187E+03	19.3890E+03	13.9399E+03	97.1676E+02	44.7398E+02
15	28.0018E+03	22.9793E+03	17.0217E+03	11.9431E+03	81.1124E+02	35.3572E+02
16	25.5767E+03	20.6649E+03	14.9750E+03	10.2504E+03	67.8115E+02	27.9743E+02
17	23.4304E+03	18.6280E+03	13.2005E+03	89.1179E+02	56.7696E+02	22.1562E+02
18	21.5232E+03	16.8590E+03	11.6564E+03	75.8643E+02	47.5859E+02	17.5651E+02
19	19.8222E+03	15.2351E+03	10.3104E+03	65.4053E+02	39.9348E+02	13.9378E+02
20	18.2997E+03	13.8188E+03	91.3417E+02	56.4611E+02	33.5506E+02	11.0607E+02
21	16.9324E+03	12.5568E+03	81.0390E+02	48.7990E+02	28.2159E+02	87.9715E+01
22	15.7009E+03	11.4294E+03	71.9967E+02	42.2245E+02	23.7522E+02	69.9688E+01
23	14.5883E+03	10.4198E+03	64.0457E+02	36.5748E+02	20.0128E+02	55.6867E+01
24	13.5804E+03	95.1363E+02	57.0419E+02	31.7128E+02	16.8765E+02	44.3523E+01
25	12.6649E+03	86.9860E+02	50.8621E+02	27.5234E+02	14.2432E+02	35.3456E+01
26	11.8313E+03	79.6494E+02	45.4009E+02	23.9688E+02	12.0300E+02	28.1867E+01
27	11.0706E+03	73.0077E+02	40.5675E+02	20.7886E+02	10.1682E+02	22.4873E+01
28	10.3747E+03	67.0077E+02	36.2840E+02	18.0878E+02	84.0043E+01	17.9514E+01
29	97.3673E+02	61.5709E+02	32.4827E+02	15.7501E+02	73.7922E+01	14.3379E+01
30	91.5074E+02	56.6365E+02	29.1052E+02	13.7252E+02	61.6497E+01	11.4575E+01
31	86.1142E+02	52.1511E+02	26.1007E+02	11.9690E+02	52.2431E+01	91.4024E+00
32	81.1412E+02	48.0680E+02	23.4249E+02	10.4445E+02	44.2981E+01	73.2697E+00
33	76.5476E+02	44.3592E+02	21.0395E+02	91.2011E+01	37.5823E+01	58.6326E+00
34	72.2970E+02	40.9484E+02	18.9106E+02	79.6851E+01	31.9017E+01	46.9397E+00
35	69.3574E+02	37.8433E+02	17.0090E+02	69.6444E+01	27.0937E+01	37.5945E+00
36	64.7004E+02	35.0021E+02	15.3088E+02	60.9382E+01	23.0217E+01	30.1222E+00

RECTANGULAR SLAB SOURCE = 40 IN. X 20 IN.

AIR GAP = 1.0 IN.

X = Y = 0

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	17.7274E+04	17.7274E+04	17.7274E+04	17.7274E+04	17.7274E+04	17.7274E+04
1	14.5083E+04	14.1337E+04	13.7279E+04	13.3030E+04	12.8684E+04	11.9946E+04
2	12.0888E+04	11.6281E+04	11.0821E+04	10.4938E+04	98.9121E+03	87.1804E+03
3	10.2445E+04	97.6189E+03	91.5011E+03	84.8321E+03	78.0435E+03	65.1843E+03
4	87.9716E+03	83.0948E+03	76.6339E+03	69.5933E+03	62.5338E+03	49.3846E+03
5	76.3381E+03	71.4642E+03	64.3278E+03	57.6596E+03	50.6248E+03	36.1144E+03
6	66.8134E+03	61.9561E+03	55.2543E+03	48.1187E+03	41.2994E+03	29.4953E+03
7	58.9020E+03	54.0677E+03	47.3817E+03	40.3815E+03	33.8854E+03	22.9346E+03
8	52.2534E+03	47.4468E+03	40.8312E+03	34.0413E+03	27.8141E+03	17.9870E+03
9	46.6115E+03	41.8375E+03	35.3344E+03	28.8049E+03	22.9631E+03	14.8288E+03
10	41.7840E+03	37.0478E+03	30.8877E+03	24.4523E+03	19.8129E+03	11.8849E+03
11	37.6235E+03	32.9366E+03	26.7411E+03	20.8151E+03	15.7811E+03	84.3522E+02
12	34.0147E+03	29.3704E+03	23.3673E+03	17.7827E+03	13.1276E+03	68.1931E+02
13	30.8844E+03	26.2745E+03	20.4719E+03	15.1912E+03	10.9403E+03	53.8197E+02
14	28.1657E+03	23.5748E+03	17.9772E+03	13.0178E+03	91.3346E+02	42.3197E+02
15	25.6731E+03	21.2059E+03	15.8202E+03	11.1754E+03	76.3478E+02	32.8307E+02
16	23.5204E+03	19.1206E+03	13.9414E+03	96.8957E+02	63.9443E+02	24.8420E+02
17	21.6074E+03	17.2790E+03	12.3222E+03	82.7545E+02	53.8112E+02	21.1219E+02
18	19.9014E+03	15.6471E+03	10.9031E+03	71.3489E+02	45.8817E+02	16.7411E+02
19	18.3746E+03	14.1944E+03	96.6248E+02	61.6284E+02	37.8188E+02	13.3129E+02
20	17.0333E+03	12.9038E+03	85.7558E+02	53.2820E+02	31.0117E+02	10.5811E+02
21	15.7481E+03	11.7476E+03	76.2135E+02	44.1183E+02	24.7284E+02	84.1688E+01
22	14.5211E+03	10.7140E+03	67.8200E+02	39.9484E+02	22.5753E+02	64.9962E+01
23	13.4411E+03	97.8588E+02	60.4238E+02	34.6595E+02	19.8425E+02	53.3674E+01
24	12.4222E+03	89.4933E+02	53.8957E+02	30.0782E+02	16.8754E+02	42.5342E+01
25	11.8846E+03	81.9598E+02	48.1245E+02	26.1468E+02	13.5813E+02	33.8216E+01
26	11.1233E+03	75.1539E+02	43.0151E+02	22.7395E+02	11.4824E+02	27.0783E+01
27	10.4251E+03	68.9962E+02	38.4853E+02	19.7421E+02	97.1448E+01	21.8133E+01
28	97.8503E+02	63.4149E+02	34.4641E+02	17.2468E+02	82.2634E+01	17.2434E+01
29	91.9702E+02	58.3479E+02	30.8899E+02	15.0279E+02	69.6712E+01	13.7998E+01
30	86.5581E+02	53.7498E+02	27.7793E+02	13.1868E+02	59.0562E+01	11.2334E+01
31	81.5672E+02	49.3458E+02	24.8757E+02	11.4423E+02	50.8873E+01	88.2784E+00
32	76.9567E+02	45.1782E+02	22.3495E+02	99.9402E+01	42.5888E+01	68.6470E+00
33	72.6802E+02	42.2256E+02	20.0932E+02	87.9434E+01	34.6878E+01	54.5467E+00
34	68.7354E+02	39.0344E+02	18.0773E+02	78.3800E+01	28.4546E+01	45.3115E+00
35	65.0444E+02	36.1121E+02	16.2747E+02	68.0294E+01	24.7544E+01	38.1041E+00
36	61.6510E+02	33.4341E+02	14.6409E+02	58.5944E+01	22.1548E+01	29.1878E+00

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 40 IN. X 20 IN.

AIR GAP = 2.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	14.6705E+04	14.6705E+04	14.6705E+04	14.6705E+04	14.6705E+04	14.6705E+04
1	12.1037E+04	11.9046E+04	11.7533E+04	11.4978E+04	11.2240E+04	10.6631E+04
2	10.2049E+04	10.0255E+04	98.6644E+03	92.5748E+03	88.2024E+03	79.1099E+03
3	80.3947E+03	85.1042E+03	80.7930E+03	75.7702E+03	70.4821E+03	59.5949E+03
4	70.0595E+03	73.1081E+03	68.2724E+03	62.6946E+03	56.9426E+03	45.9008E+03
5	67.0550E+03	63.4194E+03	58.1616E+03	52.2829E+03	46.3599E+03	35.9047E+03
6	59.1000E+03	55.3335E+03	49.8634E+03	43.8614E+03	37.6616E+03	27.5707E+03
7	52.4305E+03	48.5568E+03	42.9708E+03	36.9719E+03	31.2244E+03	21.5093E+03
8	46.7662E+03	42.6206E+03	37.1925E+03	31.2871E+03	25.7763E+03	16.0322E+03
9	41.9217E+03	37.9254E+03	32.3118E+03	26.5646E+03	21.3432E+03	13.2070E+03
10	37.7478E+03	33.7186E+03	28.1637E+03	22.6196E+03	17.7181E+03	11.3059E+03
11	34.1282E+03	30.0818E+03	24.6195E+03	19.3093E+03	14.7416E+03	9.1020E+02
12	30.9711E+03	26.9209E+03	21.5774E+03	16.5197E+03	12.2892E+03	6.6565E+02
13	28.2020E+03	24.1607E+03	18.9559E+03	14.1610E+03	10.2627E+03	5.1021E+02
14	25.7638E+03	21.7401E+03	16.6886E+03	12.1624E+03	8.5083E+02	4.0369E+02
15	23.6054E+03	19.6090E+03	14.7214E+03	10.4626E+03	7.1898E+02	3.1077E+02
16	21.6076E+03	17.7263E+03	13.0097E+03	9.0140E+02	6.0166E+02	2.5030E+02
17	19.7771E+03	16.0575E+03	11.5163E+03	7.7680E+02	5.0390E+02	2.0125E+02
18	18.4461E+03	14.5739E+03	10.2103E+03	6.7182E+02	4.2509E+02	1.5907E+02
19	17.0712E+03	13.2512E+03	9.0553E+02	5.8107E+02	3.5020E+02	1.2710E+02
20	15.0365E+03	12.0690E+03	8.0007E+02	5.0318E+02	3.0172E+02	1.0112E+02
21	14.7135E+03	11.0097E+03	7.1752E+02	4.3614E+02	2.5497E+02	8.0314E+01
22	13.6997E+03	10.0583E+03	63.9528E+02	37.8431E+02	21.6642E+02	6.4166E+01
23	12.7878E+03	92.0215E+02	57.0652E+02	32.8665E+02	18.1261E+02	5.1305E+01
24	11.6401E+03	84.3003E+02	50.9736E+02	28.5697E+02	15.3107E+02	4.0703E+01
25	11.1746E+03	77.7440E+02	45.5783E+02	24.8555E+02	12.9949E+02	3.2593E+01
26	10.6742E+03	71.0094E+02	40.7930E+02	21.6614E+02	10.9642E+02	2.6000E+01
27	98.2211E+02	65.2841E+02	36.5433E+02	18.8572E+02	92.9513E+01	2.0774E+01
28	92.4221E+02	60.0846E+02	32.7644E+02	16.4430E+02	78.6805E+01	1.6607E+01
29	86.9202E+02	55.3555E+02	29.4004E+02	14.3478E+02	66.7128E+01	1.3201E+01
30	81.5843E+02	51.0479E+02	26.4024E+02	12.5277E+02	56.5964E+01	1.0627E+01
31	77.3578E+02	47.1169E+02	23.7277E+02	10.9454E+02	43.0407E+01	8.5071E+00
32	73.0762E+02	43.5304E+02	21.3391E+02	9.5686E+01	40.7996E+01	6.5826E+00
33	69.1072E+02	40.2489E+02	19.2040E+02	8.3698E+01	34.6674E+01	5.4526E+00
34	65.4223E+02	37.2445E+02	17.2937E+02	7.3254E+01	29.4711E+01	4.3747E+00
35	61.9960E+02	34.4907E+02	15.5831E+02	6.4145E+01	25.0653E+01	3.5076E+00
36	58.0054E+02	31.9832E+02	14.0501E+02	5.6198E+01	21.3276E+01	2.8135E+00

RECTANGULAR SLAB SOURCE = 40 IN. X 20 IN.

AIR GAP = 3.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	12.2682E+04	12.2682E+04	12.2682E+04	12.2682E+04	12.2682E+04	12.2682E+04
1	10.3578E+04	10.2445E+04	10.1042E+04	99.4188E+03	97.6189E+03	93.6310E+03
2	88.7617E+03	86.9803E+03	84.5164E+03	81.5810E+03	78.3342E+03	71.3704E+03
3	76.9314E+03	74.7128E+03	71.4642E+03	67.3991E+03	63.4092E+03	54.8055E+03
4	67.2846E+03	64.7420E+03	60.9180E+03	56.4307E+03	51.6857E+03	42.3660E+03
5	59.2924E+03	56.4977E+03	52.2589E+03	47.3817E+03	42.3616E+03	32.921E+03
6	52.5874E+03	49.5920E+03	45.0635E+03	39.9705E+03	34.8688E+03	25.6885E+03
7	46.9046E+03	43.7482E+03	39.0284E+03	33.6498E+03	28.8049E+03	20.1097E+03
8	42.0458E+03	38.7613E+03	33.9282E+03	26.7609E+03	23.6667E+03	15.7843E+03
9	37.8607E+03	34.4755E+03	29.5911E+03	24.5066E+03	19.6256E+03	12.4167E+03
10	34.2321E+03	30.7695E+03	25.8833E+03	20.9337E+03	16.5052E+03	9.78593E+02
11	31.0675E+03	27.5478E+03	22.6988E+03	17.9213E+03	13.7676E+03	7.72504E+02
12	28.2928E+03	24.7335E+03	19.9528E+03	15.3729E+03	11.5039E+03	6.10683E+02
13	25.8483E+03	22.2647E+03	17.5764E+03	13.2106E+03	9.62742E+02	4.8368E+02
14	23.6851E+03	20.0905E+03	15.5133E+03	11.3709E+03	8.06836E+02	3.83028E+02
15	21.7630E+03	18.1689E+03	13.7169E+03	9.90212E+02	6.77049E+02	3.0328E+02
16	20.0466E+03	16.4650E+03	12.1488E+03	8.46146E+02	5.58811E+02	2.4230E+02
17	18.5140E+03	14.9406E+03	10.7765E+03	7.31351E+02	4.78400E+02	1.91694E+02
18	17.1359E+03	13.5980E+03	9.57305E+02	63.2884E+02	4.02768E+02	1.52452E+02
19	15.8943E+03	12.3844E+03	8.51540E+02	54.8283E+02	33.9415E+02	1.2334E+02
20	14.7725E+03	11.3061E+03	7.58416E+02	47.5486E+02	28.6281E+02	9.61945E+01
21	13.7581E+03	10.3320E+03	67.6275E+02	41.2759E+02	24.1663E+02	77.0138E+01
22	12.8328E+03	9.45654E+02	60.3704E+02	35.8838E+02	20.4165E+02	61.6117E+01
23	11.9919E+03	8.66600E+02	53.9488E+02	31.1885E+02	17.2612E+02	49.8004E+01
24	11.2242E+03	7.95145E+02	48.2583E+02	27.1450E+02	14.6038E+02	39.1232E+01
25	10.5219E+03	7.31445E+02	43.2086E+02	23.6443E+02	12.3639E+02	31.2513E+01
26	98.7920E+02	67.1759E+02	38.7220E+02	20.6103E+02	10.4741E+02	24.7916E+01
27	92.8625E+02	61.8445E+02	34.7307E+02	17.9704E+02	8.87688E+01	1.97030E+01
28	87.4157E+02	56.9936E+02	31.1759E+02	15.6931E+02	7.53058E+01	1.55759E+01
29	82.3920E+02	52.5736E+02	28.0065E+02	13.7071E+02	63.9075E+01	1.27899E+01
30	77.7504E+02	48.4077E+02	25.1778E+02	11.9799E+02	54.2633E+01	1.022974E+01
31	73.4545E+02	44.851E+02	22.6506E+02	10.4764E+02	46.0981E+01	8.26028E+00
32	69.4714E+02	41.6856E+02	20.3906E+02	9.16679E+01	39.1807E+01	6.57126E+00
33	65.7740E+02	38.3957E+02	18.3679E+02	8.02522E+01	33.3173E+01	5.26703E+00
34	62.3392E+02	35.584E+02	16.5560E+02	7.02946E+01	28.3441E+01	4.25458E+00
35	59.1329E+02	32.9706E+02	14.9315E+02	6.16032E+01	24.1239E+01	3.50019E+00
36	56.1465E+02	30.5837E+02	13.4740E+02	5.40122E+01	20.5407E+01	2.89370E+00

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 40 IN. X 20 IN.

AIR GAP = 4.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	10.4025E+04	10.4025E+04	10.4025E+04	10.4025E+04	10.4025E+04	10.4025E+04
1	89.0700E+03	88.3940E+03	87.4991E+03	86.4192E+03	85.1842E+03	82.3497E+03
2	77.1632E+03	75.9826E+03	74.2299E+03	72.0579E+03	69.5881E+03	64.1205E+03
3	67.4703E+03	65.8876E+03	63.4194E+03	60.3833E+03	57.0124E+03	49.8967E+03
4	59.4483E+03	57.5551E+03	54.4995E+03	50.8354E+03	46.8799E+03	39.9213E+03
5	52.7229E+03	50.5346E+03	47.0630E+03	42.9708E+03	38.8897E+03	30.4447E+03
6	47.0252E+03	44.6070E+03	40.8104E+03	36.4504E+03	32.0127E+03	23.8756E+03
7	42.1555E+03	39.5457E+03	35.5163E+03	31.0136E+03	26.5446E+03	18.7682E+03
8	37.9817E+03	35.1934E+03	31.0071E+03	26.4584E+03	22.0950E+03	14.7792E+03
9	34.3259E+03	31.4278E+03	27.1467E+03	22.6256E+03	18.4153E+03	11.6592E+03
10	31.1533E+03	28.1523E+03	23.8271E+03	19.3890E+03	15.3764E+03	92.1165E+02
11	28.3755E+03	25.2896E+03	20.9613E+03	16.4476E+03	12.8600E+03	72.8762E+02
12	25.9265E+03	22.7769E+03	18.4787E+03	14.3176E+03	10.7714E+03	57.7229E+02
13	23.7593E+03	20.5627E+03	16.3214E+03	12.3335E+03	9.3413E+02	45.7696E+02
14	21.8336E+03	18.6048E+03	14.4412E+03	10.6398E+03	75.8643E+02	36.3271E+02
15	20.1159E+03	16.8678E+03	12.7985E+03	9.19102E+02	63.7796E+02	28.8984E+02
16	18.5783E+03	15.3222E+03	11.3599E+03	79.493E+02	53.6765E+02	22.9442E+02
17	17.1974E+03	13.9429E+03	10.0972E+03	68.8340E+02	45.2181E+02	18.2561E+02
18	15.9532E+03	12.7090E+03	89.8665E+02	59.6682E+02	38.1274E+02	14.5636E+02
19	14.8290E+03	11.6025E+03	80.0817E+02	51.7754E+02	32.1763E+02	11.5822E+02
20	13.8103E+03	10.6079E+03	71.4453E+02	44.9694E+02	27.1760E+02	9.2430E+01
21	12.8847E+03	97.1175E+02	63.8101E+02	39.0932E+02	22.9703E+02	73.6076E+01
22	12.0418E+03	89.0334E+02	57.0497E+02	34.0137E+02	19.4294E+02	58.8026E+01
23	11.2723E+03	81.7215E+02	51.0534E+02	29.6180E+02	16.4457E+02	46.9026E+01
24	10.5681E+03	75.0979E+02	45.7331E+02	25.8101E+02	13.9292E+02	37.9260E+01
25	99.2240E+02	69.0876E+02	41.0017E+02	22.5080E+02	11.8051E+02	32.0044E+01
26	93.2909E+02	63.6252E+02	36.7903E+02	19.6420E+02	10.0108E+02	23.9954E+01
27	87.8265E+02	58.6532E+02	33.0377E+02	17.1521E+02	84.9407E+01	19.2011E+01
28	82.7900E+02	54.1211E+02	29.6903E+02	14.9873E+02	72.1102E+01	15.3715E+01
29	78.1342E+02	49.9843E+02	26.7012E+02	13.1036E+02	61.2496E+01	12.3109E+01
30	73.8248E+02	46.2035E+02	24.0295E+02	11.4632E+02	52.0507E+01	98.6372E+00
31	69.8293E+02	42.7437E+02	21.6393E+02	10.0337E+02	44.2945E+01	79.0613E+00
32	66.1190E+02	39.5740E+02	19.4991E+02	87.8707E+01	37.6433E+01	63.3948E+00
33	62.6885E+02	36.6688E+02	17.5812E+02	76.9924E+01	32.0340E+01	50.8515E+00
34	59.4549E+02	33.9974E+02	15.8610E+02	67.4937E+01	27.2722E+01	4.8048E+00
35	56.4577E+02	31.5440E+02	14.3170E+02	59.1945E+01	23.2279E+01	42.7544E+00
36	53.6587E+02	29.2868E+02	12.9301E+02	51.9393E+01	19.7911E+01	26.3013E+00

RECTANGULAR SLAB SOURCE = 40 IN. X 20 IN.

AIR GAP = 5.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	89.3142E+03	89.3142E+03	89.3142E+03	89.3142E+03	89.3142E+03	89.3142E+03
1	77.3474E+03	76.9314E+03	76.3301E+03	75.5915E+03	74.7128E+03	72.6331E+03
2	67.6198E+03	66.8134E+03	65.5279E+03	63.8776E+03	61.9551E+03	57.3891E+03
3	59.5757E+03	58.1668E+03	56.4977E+03	54.0677E+03	51.3379E+03	45.3794E+03
4	52.8359E+03	51.3640E+03	49.8110E+03	47.8774E+03	42.5454E+03	35.7046E+03
5	47.1277E+03	45.3821E+03	42.4985E+03	39.8284E+03	35.3344E+03	28.1167E+03
6	42.7500E+03	40.2673E+03	37.0478E+03	33.2837E+03	29.4097E+03	22.1536E+03
7	38.0506E+03	35.8638E+03	32.3912E+03	28.4493E+03	24.5066E+03	17.4944E+03
8	34.0591E+03	32.0499E+03	28.3949E+03	24.3678E+03	20.4671E+03	13.8263E+03
9	31.2342E+03	28.7293E+03	24.9514E+03	20.9117E+03	17.1108E+03	10.9493E+03
10	28.4505E+03	25.8246E+03	21.9795E+03	17.9772E+03	14.3307E+03	94.6422E+02
11	25.9981E+03	23.1730E+03	19.3897E+03	15.4792E+03	12.0176E+03	79.7108E+02
12	23.8278E+03	21.0229E+03	17.1412E+03	13.3402E+03	10.8082E+03	54.5496E+02
13	21.8942E+03	18.8318E+03	15.1792E+03	11.5268E+03	84.8156E+02	43.3273E+02
14	20.1788E+03	17.2641E+03	13.4631E+03	99.8525E+02	71.3489E+02	34.6416E+02
15	18.5587E+03	15.8981E+03	11.9584E+03	86.2804E+02	60.1132E+02	27.6875E+02
16	17.1254E+03	14.6288E+03	10.8565E+03	74.7505E+02	50.6792E+02	21.8217E+02
17	16.0090E+03	13.5288E+03	99.1286E+02	64.8456E+02	42.7627E+02	17.3842E+02
18	15.0827E+03	11.8979E+03	84.4667E+02	56.3899E+02	36.1122E+02	13.8687E+02
19	13.8626E+03	10.6827E+03	75.4017E+02	48.9390E+02	30.5191E+02	11.0567E+02
20	12.9346E+03	99.6792E+02	67.3164E+02	42.6452E+02	25.8116E+02	89.2368E+01
21	12.0896E+03	91.4154E+02	60.3748E+02	37.6550E+02	21.8449E+02	70.4737E+01
22	11.3138E+03	83.9468E+02	53.9491E+02	32.2844E+02	18.5080E+02	56.5095E+01
23	10.6128E+03	77.1641E+02	48.3463E+02	28.1482E+02	15.6779E+02	45.8132E+01
24	99.6549E+02	71.0161E+02	43.3831E+02	24.5591E+02	13.2927E+02	36.3387E+01
25	93.7047E+02	65.4263E+02	38.9464E+02	21.4410E+02	11.2774E+02	28.8849E+01
26	88.2297E+02	60.3212E+02	34.9873E+02	18.7323E+02	99.7298E+01	23.8578E+01
27	83.1777E+02	55.6055E+02	31.4953E+02	16.3751E+02	81.3825E+01	18.4651E+01
28	78.5087E+02	51.4482E+02	28.2997E+02	14.3220E+02	66.8044E+01	14.7032E+01
29	74.1864E+02	47.5713E+02	25.4778E+02	12.5347E+02	58.7311E+01	11.8962E+01
30	70.1798E+02	44.2222E+02	22.9129E+02	10.9757E+02	49.9323E+01	95.8599E+00
31	66.4572E+02	40.7649E+02	20.6793E+02	96.1550E+01	42.5846E+01	76.2432E+00
32	62.9055E+02	37.7505E+02	18.6466E+02	84.2813E+01	36.1429E+01	61.1750E+00
33	59.7712E+02	35.0337E+02	16.8403E+02	73.9801E+01	30.8142E+01	49.1899E+00
34	56.7638E+02	32.5933E+02	15.2050E+02	64.8411E+01	26.2526E+01	39.4225E+00
35	53.9549E+02	29.7808E+02	13.7371E+02	56.9215E+01	22.3790E+01	31.6629E+00
36	51.3281E+02	26.8671E+02	12.4164E+02	49.9727E+01	19.0772E+01	25.4580E+00

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 40 IN. X 20 IN.

AIR GAP = 0.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	77.4810E+03	77.4810E+03	77.4810E+03	77.4810E+03	77.4810E+03	77.4810E+03
1	67.7308E+03	67.4703E+03	67.0653E+03	66.5321E+03	65.8676E+03	64.3169E+03
2	59.6735E+03	59.1098E+03	58.1421E+03	56.8589E+03	55.3335E+03	51.7897E+03
3	52.9250E+03	52.0571E+03	50.5344E+03	48.5588E+03	46.2778E+03	42.2616E+03
4	47.2108E+03	46.0566E+03	44.0428E+03	41.4993E+03	39.6644E+03	35.7440E+03
5	42.3287E+03	40.9136E+03	38.4879E+03	35.5163E+03	32.3116E+03	27.9915E+03
6	38.1251E+03	36.4771E+03	33.7166E+03	30.4433E+03	27.0246E+03	22.3648E+03
7	34.4813E+03	32.6265E+03	29.6099E+03	26.1364E+03	22.6258E+03	18.3019E+03
8	31.3038E+03	29.2795E+03	26.0595E+03	22.4737E+03	18.9635E+03	14.9501E+03
9	28.5175E+03	26.3340E+03	22.9793E+03	19.3528E+03	15.9416E+03	12.2627E+03
10	26.0627E+03	23.7494E+03	20.3017E+03	16.6864E+03	13.3552E+03	10.5121E+03
11	23.8902E+03	21.4480E+03	17.9872E+03	14.4101E+03	11.2376E+03	8.7886E+02
12	21.9595E+03	19.4473E+03	15.9268E+03	12.4580E+03	9.4582E+02	7.5311E+02
13	20.2371E+03	17.6518E+03	14.1392E+03	10.7814E+03	79.6782E+02	6.1611E+02
14	18.6991E+03	16.0918E+03	12.5698E+03	9.3431E+02	67.1828E+02	5.2662E+02
15	17.3399E+03	14.6221E+03	11.1894E+03	8.1039E+02	56.6931E+02	4.6302E+02
16	16.0617E+03	13.3414E+03	99.7275E+02	70.3584E+02	47.8791E+02	4.0753E+02
17	14.9336E+03	12.1914E+03	88.9671E+02	61.1413E+02	40.4658E+02	3.63591E+02
18	13.9112E+03	11.1565E+03	79.4902E+02	53.1773E+02	34.2243E+02	3.2162E+02
19	12.9822E+03	10.2232E+03	71.0799E+02	46.2889E+02	28.9652E+02	2.8587E+02
20	12.1359E+03	9.3800E+02	63.6214E+02	40.3239E+02	24.5300E+02	2.45391E+01
21	11.3631E+03	8.61667E+02	56.4981E+02	35.1533E+02	20.7868E+02	2.07341E+01
22	10.6558E+03	7.92449E+02	51.1090E+02	30.6676E+02	17.6256E+02	1.7332E+01
23	10.0071E+03	7.29578E+02	45.8664E+02	26.7721E+02	14.9527E+02	1.4543E+01
24	9.41095E+02	6.72384E+02	41.1942E+02	23.3873E+02	12.6923E+02	1.24443E+01
25	88.6196E+02	6.20277E+02	37.0257E+02	20.4413E+02	10.7792E+02	1.0635E+01
26	83.3547E+02	5.72737E+02	33.3029E+02	17.8755E+02	9.1592E+01	9.2222E+01
27	78.8736E+02	5.29307E+02	29.9749E+02	15.6440E+02	7.78608E+01	7.6171E+01
28	74.3599E+02	4.8951E+02	26.9971E+02	13.6970E+02	6.62199E+01	6.4443E+01
29	70.3208E+02	4.53199E+02	24.3301E+02	11.9964E+02	5.6444E+01	5.4212E+01
30	66.7681E+02	4.19941E+02	21.9401E+02	10.5157E+02	4.79621E+01	4.6399E+01
31	63.5159E+02	3.89222E+02	19.7940E+02	9.22037E+01	4.08634E+01	3.9644E+01
32	60.0815E+02	3.61088E+02	17.8713E+02	80.6867E+01	34.7954E+01	3.4046E+01
33	57.0644E+02	3.35211E+02	16.1422E+02	70.9885E+01	29.6545E+01	2.94211E+01
34	54.2661E+02	3.11367E+02	14.5678E+02	62.3280E+01	25.2825E+01	2.60978E+01
35	51.6102E+02	2.89434E+02	13.1894E+02	54.7443E+01	21.5428E+01	2.30157E+01
36	49.1420E+02	2.69157E+02	11.9307E+02	48.1062E+01	18.3948E+01	2.01619E+01

RECTANGULAR SLAB SOURCE = 40 IN. X 20 IN.

AIR GAP = 7.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	67.8008E+03	67.8008E+03	67.8008E+03	67.8008E+03	67.8008E+03	67.8008E+03
1	59.7194E+03	59.3759E+03	59.2524E+03	58.9806E+03	58.4168E+03	57.2259E+03
2	52.7689E+03	52.5879E+03	51.8426E+03	50.8347E+03	49.5285E+03	46.6731E+03
3	47.2737E+03	46.4113E+03	45.3821E+03	43.7422E+03	41.8175E+03	37.5432E+03
4	42.3909E+03	41.4704E+03	39.7538E+03	37.6370E+03	35.2823E+03	30.8434E+03
5	38.1845E+03	37.3224E+03	34.9549E+03	32.3912E+03	29.5911E+03	23.9599E+03
6	34.5410E+03	33.1551E+03	30.7695E+03	27.8965E+03	24.6717E+03	19.0831E+03
7	31.3631E+03	29.7763E+03	27.1320E+03	24.0527E+03	20.9117E+03	15.1912E+03
8	28.5766E+03	26.8123E+03	23.5467E+03	20.7393E+03	17.9919E+03	12.6924E+03
9	26.1201E+03	24.2820E+03	21.2959E+03	17.9359E+03	15.0691E+03	10.2742E+03
10	23.9444E+03	21.8947E+03	18.7924E+03	15.5153E+03	12.4754E+03	8.6739E+03
11	22.0144E+03	19.8486E+03	16.6786E+03	13.4318E+03	10.9172E+03	7.6082E+03
12	20.2907E+03	18.2807E+03	14.8235E+03	11.6413E+03	9.07263E+02	6.6420E+03
13	18.7678E+03	16.4933E+03	13.1912E+03	10.0997E+03	7.9102E+02	5.8291E+03
14	17.3407E+03	14.9334E+03	11.7352E+03	8.7694E+02	6.8284E+02	5.0784E+03
15	16.0111E+03	13.6517E+03	10.4847E+03	7.6213E+02	5.9059E+02	4.4765E+03
16	14.7616E+03	12.4819E+03	9.2639E+02	64.2912E+02	4.92851E+02	3.9454E+03
17	13.5979E+03	11.4284E+03	8.2781E+02	57.7045E+02	4.3017E+02	3.4740E+03
18	12.5275E+03	10.4777E+03	7.4699E+02	50.2716E+02	3.8454E+02	3.0583E+03
19	11.5470E+03	9.61807E+02	6.7083E+02	43.8264E+02	3.3988E+02	2.6917E+03
20	10.6572E+03	8.8394E+02	6.0139E+02	38.2336E+02	2.9647E+02	2.3647E+03
21	9.8597E+03	8.1236E+02	5.3993E+02	33.3766E+02	2.57921E+02	2.0643E+03
22	9.1473E+03	7.4627E+02	4.8511E+02	29.1555E+02	2.24617E+02	1.8164E+03
23	8.5196E+03	6.8444E+02	4.3591E+02	25.4893E+02	1.9702E+02	1.6035E+03
24	8.0066E+03	6.2737E+02	3.9135E+02	22.2844E+02	1.7438E+02	1.4152E+03
25	7.5875E+03	5.8744E+02	3.5234E+02	19.5017E+02	1.5608E+02	1.2457E+03
26	7.2267E+03	5.4276E+02	3.1728E+02	17.0759E+02	1.3788E+02	1.1037E+03
27	6.9034E+03	5.0322E+02	2.8580E+02	14.9544E+02	1.24649E+02	9.7849E+02
28	6.6167E+03	4.6853E+02	2.5799E+02	13.1672E+02	1.13792E+02	8.7119E+02
29	6.3614E+03	4.3617E+02	2.3237E+02	11.4924E+02	1.04973E+02	7.8057E+02
30	6.1349E+03	4.0579E+02	2.0991E+02	10.0112E+02	9.6702E+01	7.0371E+02
31	5.9355E+03	3.7710E+02	1.8955E+02	8.6729E+01	8.92667E+01	6.3913E+02
32	5.7595E+03	3.5066E+02	1.7127E+02	7.4799E+01	8.0797E+01	5.8901E+02
33	5.6012E+03	3.2612E+02	1.5488E+02	6.4235E+01	7.3512E+01	5.4173E+02
34	5.4587E+03	2.9769E+02	1.4004E+02	5.6038E+01	6.6591E+01	4.9761E+02
35	5.3281E+03	2.7578E+02	1.2671E+02	4.9479E+01	6.0783E+01	4.5611E+02
36	5.2099E+03	2.5636E+02	1.1471E+02	4.4335E+01	5.5748E+01	4.1864E+02

CORAL 60 SOURCE

RECTANGULAR SLAB SOURCE - 40 IN. X 60 IN.

AIR GAP = 0.0 IN.

$$Z = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

	0	.3	.5	.7	.9	1.3
0	20.4091E+04	20.1191E+04	20.1191E+04	20.1191E+04	20.1191E+04	20.1191E+04
1	19.9773E+04	19.6873E+04	19.6873E+04	19.6873E+04	19.6873E+04	19.6873E+04
2	19.5455E+04	19.2555E+04	19.2555E+04	19.2555E+04	19.2555E+04	19.2555E+04
3	19.1137E+04	18.8237E+04	18.8237E+04	18.8237E+04	18.8237E+04	18.8237E+04
4	18.6819E+04	18.3919E+04	18.3919E+04	18.3919E+04	18.3919E+04	18.3919E+04
5	18.2501E+04	17.9601E+04	17.9601E+04	17.9601E+04	17.9601E+04	17.9601E+04
6	17.8183E+04	17.5283E+04	17.5283E+04	17.5283E+04	17.5283E+04	17.5283E+04
7	17.3865E+04	17.0965E+04	17.0965E+04	17.0965E+04	17.0965E+04	17.0965E+04
8	16.9547E+04	16.6647E+04	16.6647E+04	16.6647E+04	16.6647E+04	16.6647E+04
9	16.5229E+04	16.2329E+04	16.2329E+04	16.2329E+04	16.2329E+04	16.2329E+04
10	16.0911E+04	15.8011E+04	15.8011E+04	15.8011E+04	15.8011E+04	15.8011E+04
11	15.6593E+04	15.3693E+04	15.3693E+04	15.3693E+04	15.3693E+04	15.3693E+04
12	15.2275E+04	14.9375E+04	14.9375E+04	14.9375E+04	14.9375E+04	14.9375E+04
13	14.7957E+04	14.5057E+04	14.5057E+04	14.5057E+04	14.5057E+04	14.5057E+04
14	14.3639E+04	14.0739E+04	14.0739E+04	14.0739E+04	14.0739E+04	14.0739E+04
15	13.9321E+04	13.6421E+04	13.6421E+04	13.6421E+04	13.6421E+04	13.6421E+04
16	13.5003E+04	13.2103E+04	13.2103E+04	13.2103E+04	13.2103E+04	13.2103E+04
17	13.0685E+04	12.7785E+04	12.7785E+04	12.7785E+04	12.7785E+04	12.7785E+04
18	12.6367E+04	12.3467E+04	12.3467E+04	12.3467E+04	12.3467E+04	12.3467E+04
19	12.2049E+04	11.9149E+04	11.9149E+04	11.9149E+04	11.9149E+04	11.9149E+04
20	11.7731E+04	11.4831E+04	11.4831E+04	11.4831E+04	11.4831E+04	11.4831E+04
21	11.3413E+04	11.0513E+04	11.0513E+04	11.0513E+04	11.0513E+04	11.0513E+04
22	10.9095E+04	10.6195E+04	10.6195E+04	10.6195E+04	10.6195E+04	10.6195E+04
23	10.4777E+04	10.1877E+04	10.1877E+04	10.1877E+04	10.1877E+04	10.1877E+04
24	10.0459E+04	9.7559E+04	9.7559E+04	9.7559E+04	9.7559E+04	9.7559E+04
25	9.6141E+04	9.3241E+04	9.3241E+04	9.3241E+04	9.3241E+04	9.3241E+04
26	9.1823E+04	8.8923E+04	8.8923E+04	8.8923E+04	8.8923E+04	8.8923E+04
27	8.7505E+04	8.4605E+04	8.4605E+04	8.4605E+04	8.4605E+04	8.4605E+04
28	8.3187E+04	8.0287E+04	8.0287E+04	8.0287E+04	8.0287E+04	8.0287E+04
29	7.8869E+04	7.5969E+04	7.5969E+04	7.5969E+04	7.5969E+04	7.5969E+04
30	7.4551E+04	7.1651E+04	7.1651E+04	7.1651E+04	7.1651E+04	7.1651E+04
31	7.0233E+04	6.7333E+04	6.7333E+04	6.7333E+04	6.7333E+04	6.7333E+04
32	6.5915E+04	6.3015E+04	6.3015E+04	6.3015E+04	6.3015E+04	6.3015E+04
33	6.1597E+04	5.9297E+04	5.9297E+04	5.9297E+04	5.9297E+04	5.9297E+04
34	5.7279E+04	5.4979E+04	5.4979E+04	5.4979E+04	5.4979E+04	5.4979E+04
35	5.2961E+04	5.0661E+04	5.0661E+04	5.0661E+04	5.0661E+04	5.0661E+04
36	4.8643E+04	4.6343E+04	4.6343E+04	4.6343E+04	4.6343E+04	4.6343E+04

RECTANGULAR SLAB SOURCE - 40 IN. X 60 IN.

AIR GAP = 1.0 IN.

$$Z = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

	.1	.3	.5	.7	.9	1.3
0	19.5940E+04	19.5940E+04	19.5940E+04	19.5940E+04	19.5940E+04	19.5940E+04
1	19.1622E+04	19.1622E+04	19.1622E+04	19.1622E+04	19.1622E+04	19.1622E+04
2	18.7304E+04	18.7304E+04	18.7304E+04	18.7304E+04	18.7304E+04	18.7304E+04
3	18.2986E+04	18.2986E+04	18.2986E+04	18.2986E+04	18.2986E+04	18.2986E+04
4	17.8668E+04	17.8668E+04	17.8668E+04	17.8668E+04	17.8668E+04	17.8668E+04
5	17.4350E+04	17.4350E+04	17.4350E+04	17.4350E+04	17.4350E+04	17.4350E+04
6	16.9992E+04	16.9992E+04	16.9992E+04	16.9992E+04	16.9992E+04	16.9992E+04
7	16.5634E+04	16.5634E+04	16.5634E+04	16.5634E+04	16.5634E+04	16.5634E+04
8	16.1276E+04	16.1276E+04	16.1276E+04	16.1276E+04	16.1276E+04	16.1276E+04
9	15.6918E+04	15.6918E+04	15.6918E+04	15.6918E+04	15.6918E+04	15.6918E+04
10	15.2560E+04	15.2560E+04	15.2560E+04	15.2560E+04	15.2560E+04	15.2560E+04
11	14.8202E+04	14.8202E+04	14.8202E+04	14.8202E+04	14.8202E+04	14.8202E+04
12	14.3844E+04	14.3844E+04	14.3844E+04	14.3844E+04	14.3844E+04	14.3844E+04
13	13.9486E+04	13.9486E+04	13.9486E+04	13.9486E+04	13.9486E+04	13.9486E+04
14	13.5128E+04	13.5128E+04	13.5128E+04	13.5128E+04	13.5128E+04	13.5128E+04
15	13.0770E+04	13.0770E+04	13.0770E+04	13.0770E+04	13.0770E+04	13.0770E+04
16	12.6412E+04	12.6412E+04	12.6412E+04	12.6412E+04	12.6412E+04	12.6412E+04
17	12.2054E+04	12.2054E+04	12.2054E+04	12.2054E+04	12.2054E+04	12.2054E+04
18	11.7696E+04	11.7696E+04	11.7696E+04	11.7696E+04	11.7696E+04	11.7696E+04
19	11.3338E+04	11.3338E+04	11.3338E+04	11.3338E+04	11.3338E+04	11.3338E+04
20	10.8980E+04	10.8980E+04	10.8980E+04	10.8980E+04	10.8980E+04	10.8980E+04
21	10.4622E+04	10.4622E+04	10.4622E+04	10.4622E+04	10.4622E+04	10.4622E+04
22	10.0264E+04	10.0264E+04	10.0264E+04	10.0264E+04	10.0264E+04	10.0264E+04
23	9.5906E+04	9.5906E+04	9.5906E+04	9.5906E+04	9.5906E+04	9.5906E+04
24	9.1548E+04	9.1548E+04	9.1548E+04	9.1548E+04	9.1548E+04	9.1548E+04
25	8.7190E+04	8.7190E+04	8.7190E+04	8.7190E+04	8.7190E+04	8.7190E+04
26	8.2832E+04	8.2832E+04	8.2832E+04	8.2832E+04	8.2832E+04	8.2832E+04
27	7.8474E+04	7.8474E+04	7.8474E+04	7.8474E+04	7.8474E+04	7.8474E+04
28	7.4116E+04	7.4116E+04	7.4116E+04	7.4116E+04	7.4116E+04	7.4116E+04
29	6.9758E+04	6.9758E+04	6.9758E+04	6.9758E+04	6.9758E+04	6.9758E+04
30	6.5400E+04	6.5400E+04	6.5400E+04	6.5400E+04	6.5400E+04	6.5400E+04
31	6.1042E+04	6.1042E+04	6.1042E+04	6.1042E+04	6.1042E+04	6.1042E+04
32	5.6684E+04	5.6684E+04	5.6684E+04	5.6684E+04	5.6684E+04	5.6684E+04
33	5.2326E+04	5.2326E+04	5.2326E+04	5.2326E+04	5.2326E+04	5.2326E+04
34	4.7968E+04	4.7968E+04	4.7968E+04	4.7968E+04	4.7968E+04	4.7968E+04
35	4.3610E+04	4.3610E+04	4.3610E+04	4.3610E+04	4.3610E+04	4.3610E+04
36	3.9252E+04	3.9252E+04	3.9252E+04	3.9252E+04	3.9252E+04	3.9252E+04

CROSSLY 60 SOURCE

RECORDING SLAB SOURCE = 40 IN. X 40 IN.

AIR GAP = 0.0 IN.

X = Y = 0

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

	0	.1	.3	.5	.7	.9	1.3
0	07.9704E+04	17.9704E+04	17.9704E+04	17.9704E+04	17.9704E+04	17.9704E+04	07.9704E+04
1	08.9704E+04	19.4704E+04	18.4704E+04	18.4704E+04	18.4704E+04	18.4704E+04	08.9704E+04
2	09.9704E+04	20.9704E+04	19.9704E+04	19.9704E+04	19.9704E+04	19.9704E+04	09.9704E+04
3	10.9704E+04	22.4704E+04	20.9704E+04	20.9704E+04	20.9704E+04	20.9704E+04	10.9704E+04
4	11.9704E+04	23.9704E+04	21.9704E+04	21.9704E+04	21.9704E+04	21.9704E+04	11.9704E+04
5	12.9704E+04	25.4704E+04	22.9704E+04	22.9704E+04	22.9704E+04	22.9704E+04	12.9704E+04
6	13.9704E+04	26.9704E+04	23.9704E+04	23.9704E+04	23.9704E+04	23.9704E+04	13.9704E+04
7	14.9704E+04	28.4704E+04	24.9704E+04	24.9704E+04	24.9704E+04	24.9704E+04	14.9704E+04
8	15.9704E+04	29.9704E+04	25.9704E+04	25.9704E+04	25.9704E+04	25.9704E+04	15.9704E+04
9	16.9704E+04	31.4704E+04	26.9704E+04	26.9704E+04	26.9704E+04	26.9704E+04	16.9704E+04
10	17.9704E+04	32.9704E+04	27.9704E+04	27.9704E+04	27.9704E+04	27.9704E+04	17.9704E+04
11	18.9704E+04	34.4704E+04	28.9704E+04	28.9704E+04	28.9704E+04	28.9704E+04	18.9704E+04
12	19.9704E+04	35.9704E+04	29.9704E+04	29.9704E+04	29.9704E+04	29.9704E+04	19.9704E+04
13	20.9704E+04	37.4704E+04	30.9704E+04	30.9704E+04	30.9704E+04	30.9704E+04	20.9704E+04
14	21.9704E+04	38.9704E+04	31.9704E+04	31.9704E+04	31.9704E+04	31.9704E+04	21.9704E+04
15	22.9704E+04	40.4704E+04	32.9704E+04	32.9704E+04	32.9704E+04	32.9704E+04	22.9704E+04
16	23.9704E+04	41.9704E+04	33.9704E+04	33.9704E+04	33.9704E+04	33.9704E+04	23.9704E+04
17	24.9704E+04	43.4704E+04	34.9704E+04	34.9704E+04	34.9704E+04	34.9704E+04	24.9704E+04
18	25.9704E+04	44.9704E+04	35.9704E+04	35.9704E+04	35.9704E+04	35.9704E+04	25.9704E+04
19	26.9704E+04	46.4704E+04	36.9704E+04	36.9704E+04	36.9704E+04	36.9704E+04	26.9704E+04
20	27.9704E+04	47.9704E+04	37.9704E+04	37.9704E+04	37.9704E+04	37.9704E+04	27.9704E+04
21	28.9704E+04	49.4704E+04	38.9704E+04	38.9704E+04	38.9704E+04	38.9704E+04	28.9704E+04
22	29.9704E+04	50.9704E+04	39.9704E+04	39.9704E+04	39.9704E+04	39.9704E+04	29.9704E+04
23	30.9704E+04	52.4704E+04	40.9704E+04	40.9704E+04	40.9704E+04	40.9704E+04	30.9704E+04
24	31.9704E+04	53.9704E+04	41.9704E+04	41.9704E+04	41.9704E+04	41.9704E+04	31.9704E+04
25	32.9704E+04	55.4704E+04	42.9704E+04	42.9704E+04	42.9704E+04	42.9704E+04	32.9704E+04
26	33.9704E+04	56.9704E+04	43.9704E+04	43.9704E+04	43.9704E+04	43.9704E+04	33.9704E+04
27	34.9704E+04	58.4704E+04	44.9704E+04	44.9704E+04	44.9704E+04	44.9704E+04	34.9704E+04
28	35.9704E+04	59.9704E+04	45.9704E+04	45.9704E+04	45.9704E+04	45.9704E+04	35.9704E+04
29	36.9704E+04	61.4704E+04	46.9704E+04	46.9704E+04	46.9704E+04	46.9704E+04	36.9704E+04
30	37.9704E+04	62.9704E+04	47.9704E+04	47.9704E+04	47.9704E+04	47.9704E+04	37.9704E+04
31	38.9704E+04	64.4704E+04	48.9704E+04	48.9704E+04	48.9704E+04	48.9704E+04	38.9704E+04
32	39.9704E+04	65.9704E+04	49.9704E+04	49.9704E+04	49.9704E+04	49.9704E+04	39.9704E+04
33	40.9704E+04	67.4704E+04	50.9704E+04	50.9704E+04	50.9704E+04	50.9704E+04	40.9704E+04
34	41.9704E+04	68.9704E+04	51.9704E+04	51.9704E+04	51.9704E+04	51.9704E+04	41.9704E+04
35	42.9704E+04	70.4704E+04	52.9704E+04	52.9704E+04	52.9704E+04	52.9704E+04	42.9704E+04

RECORDING SLAB SOURCE = 40 IN. X 40 IN.

AIR GAP = 3.0 IN.

X = Y = 2

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

	2	.1	.3	.5	.7	.9	1.3
0	16.1982E+04	16.1982E+04	16.1982E+04	16.1982E+04	16.1982E+04	16.1982E+04	16.1982E+04
1	14.4275E+04	14.4015E+04	13.7324E+04	13.7324E+04	13.7324E+04	13.7324E+04	12.8274E+04
2	12.9596E+04	12.9457E+04	11.7645E+04	11.7645E+04	11.7645E+04	11.7645E+04	10.9387E+04
3	11.7219E+04	11.6904E+04	10.2402E+04	10.2402E+04	10.2402E+04	10.2402E+04	8.9663E+04
4	10.6617E+04	10.6224E+04	8.9697E+04	8.9697E+04	8.9697E+04	8.9697E+04	7.5619E+04
5	97.4216E+03	89.1855E+03	78.9949E+03	78.9949E+03	78.9949E+03	78.9949E+03	62.8258E+03
6	89.3630E+03	80.6539E+03	69.8489E+03	69.8489E+03	69.8489E+03	69.8489E+03	53.8390E+03
7	82.2417E+03	73.1729E+03	62.0018E+03	62.0018E+03	62.0018E+03	62.0018E+03	42.8258E+03
8	75.3654E+03	66.3645E+03	55.1569E+03	55.1569E+03	55.1569E+03	55.1569E+03	32.8390E+03
9	70.2291E+03	60.6911E+03	49.1926E+03	49.1926E+03	49.1926E+03	49.1926E+03	22.8444E+03
10	65.1362E+03	55.4444E+03	43.9455E+03	43.9455E+03	43.9455E+03	43.9455E+03	12.8524E+03
11	60.9319E+03	50.7366E+03	39.3191E+03	39.3191E+03	39.3191E+03	39.3191E+03	10.9331E+03
12	56.3992E+03	46.5505E+03	35.2272E+03	35.2272E+03	35.2272E+03	35.2272E+03	8.9888E+03
13	52.3587E+03	42.6827E+03	31.9783E+03	31.9783E+03	31.9783E+03	31.9783E+03	7.0299E+03
14	48.1070E+03	38.9867E+03	28.3785E+03	28.3785E+03	28.3785E+03	28.3785E+03	5.9745E+03
15	43.9455E+03	35.3867E+03	25.3907E+03	25.3907E+03	25.3907E+03	25.3907E+03	4.9388E+03
16	43.4489E+03	33.2356E+03	22.9384E+03	22.9384E+03	22.9384E+03	22.9384E+03	3.9294E+03
17	43.4894E+03	30.6405E+03	20.6477E+03	20.6477E+03	20.6477E+03	20.6477E+03	2.9470E+03
18	37.9426E+03	28.2747E+03	18.4024E+03	18.4024E+03	18.4024E+03	18.4024E+03	2.3791E+03
19	35.6874E+03	26.1136E+03	16.7495E+03	16.7495E+03	16.7495E+03	16.7495E+03	1.9130E+03
20	33.4352E+03	24.1370E+03	15.1243E+03	15.1243E+03	15.1243E+03	15.1243E+03	1.5226E+03
21	31.6794E+03	22.3278E+03	13.6520E+03	13.6520E+03	13.6520E+03	13.6520E+03	1.2438E+03
22	29.8960E+03	20.6674E+03	12.3281E+03	12.3281E+03	12.3281E+03	12.3281E+03	1.0319E+03
23	28.2416E+03	19.1478E+03	11.1383E+03	11.1383E+03	11.1383E+03	11.1383E+03	8.9423E+02
24	26.7048E+03	17.7501E+03	10.0692E+03	10.0692E+03	10.0692E+03	10.0692E+03	7.3245E+02
25	25.2754E+03	16.4649E+03	9.10510E+02	9.10510E+02	9.10510E+02	9.10510E+02	6.3245E+02
26	23.9440E+03	15.2822E+03	8.23778E+02	8.23778E+02	8.23778E+02	8.23778E+02	5.4707E+02
27	22.7026E+03	14.1926E+03	7.45623E+02	7.45623E+02	7.45623E+02	7.45623E+02	4.63898E+02
28	21.5436E+03	13.1886E+03	6.71555E+02	6.71555E+02	6.71555E+02	6.71555E+02	3.7727E+02
29	20.4603E+03	12.2620E+03	6.11585E+02	6.11585E+02	6.11585E+02	6.11585E+02	2.94369E+02
30	19.4448E+03	11.4068E+03	5.54208E+02	5.54208E+02	5.54208E+02	5.54208E+02	2.19293E+02
31	18.4971E+03	10.6162E+03	5.02394E+02	5.02394E+02	5.02394E+02	5.02394E+02	1.63822E+02
32	17.6068E+03	9.89414E+02	4.55844E+02	4.55844E+02	4.55844E+02	4.55844E+02	1.18422E+02
33	16.7711E+03	9.20925E+02	4.13273E+02	4.13273E+02	4.13273E+02	4.13273E+02	8.7355E+02
34	15.9895E+03	8.5329E+02	3.75014E+02	3.75014E+02	3.75014E+02	3.75014E+02	7.7401E+02
35	15.2476E+03	8.0332E+02	3.4040E+02	3.4040E+02	3.4040E+02	3.4040E+02	6.25904E+02
36	14.5526E+03	7.46575E+02	3.09082E+02	3.09082E+02	3.09082E+02	3.09082E+02	5.06204E+02

CUBIC 60 SOURCE

RECTANGULAR SLAB SOURCE = 40 IN. X 60 IN.

AIR GAP = 4.0 IN.

$$R + V = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/10 CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	14.1927E+04	14.5822E+04	14.5822E+04	14.5822E+04	14.5822E+04	14.5822E+04
1	13.0753E+04	12.8394E+04	12.8394E+04	12.8394E+04	12.8394E+04	12.8394E+04
2	11.0107E+04	11.4318E+04	11.4318E+04	11.4318E+04	11.4318E+04	11.4318E+04
3	10.7327E+04	10.7182E+04	10.7182E+04	10.7182E+04	10.7182E+04	10.7182E+04
4	9.8158E+03	9.1446E+03	9.1446E+03	9.1446E+03	9.1446E+03	9.1446E+03
5	8.9750E+03	7.9420E+03	7.9420E+03	7.9420E+03	7.9420E+03	7.9420E+03
6	82.4604E+03	73.4780E+03	73.4780E+03	73.4780E+03	73.4780E+03	73.4780E+03
7	76.1868E+03	68.5966E+03	68.5966E+03	68.5966E+03	68.5966E+03	68.5966E+03
8	73.9937E+03	67.9405E+03	67.9405E+03	67.9405E+03	67.9405E+03	67.9405E+03
9	65.4624E+03	57.3324E+03	57.3324E+03	57.3324E+03	57.3324E+03	57.3324E+03
10	48.0315E+03	52.1044E+03	52.1044E+03	52.1044E+03	52.1044E+03	52.1044E+03
11	58.4364E+03	47.0273E+03	47.0273E+03	47.0273E+03	47.0273E+03	47.0273E+03
12	67.6235E+03	43.9470E+03	43.9470E+03	43.9470E+03	43.9470E+03	43.9470E+03
13	49.3400E+03	40.4240E+03	40.4240E+03	40.4240E+03	40.4240E+03	40.4240E+03
14	46.1710E+03	37.1940E+03	37.1940E+03	37.1940E+03	37.1940E+03	37.1940E+03
15	43.7527E+03	34.2870E+03	34.2870E+03	34.2870E+03	34.2870E+03	34.2870E+03
16	42.5410E+03	31.5010E+03	31.5010E+03	31.5010E+03	31.5010E+03	31.5010E+03
17	39.1337E+03	29.1550E+03	29.1550E+03	29.1550E+03	29.1550E+03	29.1550E+03
18	35.8640E+03	26.9300E+03	26.9300E+03	26.9300E+03	26.9300E+03	26.9300E+03
19	33.7700E+03	26.0440E+03	26.0440E+03	26.0440E+03	26.0440E+03	26.0440E+03
20	31.0640E+03	23.0340E+03	23.0340E+03	23.0340E+03	23.0340E+03	23.0340E+03
21	30.0524E+03	21.3260E+03	21.3260E+03	21.3260E+03	21.3260E+03	21.3260E+03
22	29.3921E+03	19.7950E+03	19.7950E+03	19.7950E+03	19.7950E+03	19.7950E+03
23	28.0640E+03	18.3200E+03	18.3200E+03	18.3200E+03	18.3200E+03	18.3200E+03
24	25.4135E+03	16.9900E+03	16.9900E+03	16.9900E+03	16.9900E+03	16.9900E+03
25	26.0740E+03	15.7100E+03	15.7100E+03	15.7100E+03	15.7100E+03	15.7100E+03
26	23.6200E+03	14.4210E+03	14.4210E+03	14.4210E+03	14.4210E+03	14.4210E+03
27	21.4430E+03	13.1310E+03	13.1310E+03	13.1310E+03	13.1310E+03	13.1310E+03
28	20.3700E+03	12.0040E+03	12.0040E+03	12.0040E+03	12.0040E+03	12.0040E+03
29	19.5490E+03	11.5470E+03	11.5470E+03	11.5470E+03	11.5470E+03	11.5470E+03
30	18.6800E+03	10.9400E+03	10.9400E+03	10.9400E+03	10.9400E+03	10.9400E+03
31	17.7114E+03	10.2460E+03	10.2460E+03	10.2460E+03	10.2460E+03	10.2460E+03
32	16.0727E+03	9.5109E+02	9.5109E+02	9.5109E+02	9.5109E+02	9.5109E+02
33	16.0030E+03	8.7300E+02	8.7300E+02	8.7300E+02	8.7300E+02	8.7300E+02
34	15.3420E+03	8.2794E+02	8.2794E+02	8.2794E+02	8.2794E+02	8.2794E+02
35	14.6430E+03	7.7000E+02	7.7000E+02	7.7000E+02	7.7000E+02	7.7000E+02
36	13.9060E+03	7.2050E+02	7.2050E+02	7.2050E+02	7.2050E+02	7.2050E+02

RECTANGULAR SLAB SOURCE = 40 IN. X 60 IN.

AIR GAP = 5.0 IN.

$$R + V = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/10 CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	13.1755E+04	13.1755E+04	13.1755E+04	13.1755E+04	13.1755E+04	13.1755E+04
1	11.8092E+04	11.7210E+04	11.5210E+04	11.2900E+04	11.0504E+04	10.9107E+04
2	10.7974E+04	13.4990E+04	10.1161E+04	9.7815E+03	9.2044E+03	8.20294E+03
3	9.9574E+03	94.3626E+03	89.1885E+03	83.1626E+03	78.9016E+03	64.6043E+03
4	73.3590E+03	85.4802E+03	78.9201E+03	71.6907E+03	64.4058E+03	50.9770E+03
5	83.0977E+03	77.3424E+03	70.0432E+03	62.0018E+03	54.1250E+03	40.3653E+03
6	70.6680E+03	70.3427E+03	62.3559E+03	53.7545E+03	45.6462E+03	32.0307E+03
7	70.9240E+03	64.3244E+03	55.5070E+03	46.7090E+03	38.3430E+03	29.3156E+03
8	67.7648E+03	58.7715E+03	49.6635E+03	40.8546E+03	32.6410E+03	20.3670E+03
9	61.1105E+03	53.7940E+03	44.4404E+03	35.4236E+03	27.6741E+03	16.1074E+03
10	56.8956E+03	49.3157E+03	39.8213E+03	30.9700E+03	23.4941E+03	13.0448E+03
11	53.6837E+03	45.2710E+03	35.7292E+03	27.0366E+03	19.9482E+03	10.4604E+03
12	49.3735E+03	41.6170E+03	32.0044E+03	23.5323E+03	16.9000E+03	8.9467E+02
13	46.3062E+03	38.3001E+03	28.8430E+03	20.7094E+03	14.4448E+03	6.74390E+02
14	43.4450E+03	35.2657E+03	25.9512E+03	18.1463E+03	12.3254E+03	5.4.2432E+02
15	40.7031E+03	32.3411E+03	23.3474E+03	15.9111E+03	10.5077E+03	4.5.6412E+02
16	38.3165E+03	30.0381E+03	21.0570E+03	13.9600E+03	8.9467E+02	3.9.1310E+02
17	35.0431E+03	27.7510E+03	18.9874E+03	12.2350E+03	7.6.5279E+02	2.8.2940E+02
18	33.9442E+03	25.4640E+03	17.1317E+03	10.7630E+03	6.4.3510E+02	2.2.7473E+02
19	32.0032E+03	23.7400E+03	15.4667E+03	9.4.5861E+02	5.5.0312E+02	1.8.3756E+02
20	30.2555E+03	21.9903E+03	13.9711E+03	8.3.1332E+02	4.7.7159E+02	1.4.8150E+02
21	28.5378E+03	20.3707E+03	12.4244E+03	7.3.1324E+02	4.0.7944E+02	1.1.9505E+02
22	26.9087E+03	18.8790E+03	11.4170E+03	6.4.3440E+02	3.4.8488E+02	9.6.4168E+01
23	25.3477E+03	17.5359E+03	10.3282E+03	5.6.6323E+02	2.9.8470E+02	7.7.8022E+01
24	24.2056E+03	16.2821E+03	9.3.4727E+02	4.9.8620E+02	2.5.3412E+02	6.2.8080E+01
25	22.9340E+03	15.1247E+03	8.4.0311E+02	4.3.4955E+02	2.1.8625E+02	5.0.7104E+01
26	21.7854E+03	14.0613E+03	7.6.0567E+02	3.8.6901E+02	1.8.7184E+02	4.0.9517E+01
27	20.6931E+03	13.0780E+03	6.9.4607E+02	3.4.0907E+02	1.6.0304E+02	3.0.0775E+01
28	19.6506E+03	12.1400E+03	6.2.6635E+02	3.0.0371E+02	1.3.7316E+02	2.6.7223E+01
29	18.7132E+03	11.3044E+03	5.7.0946E+02	2.6.5934E+02	1.1.7651E+02	2.1.5024E+01
30	17.8152E+03	10.5540E+03	5.1.7005E+02	2.3.3704E+02	1.0.0824E+02	1.7.4501E+01
31	16.9722E+03	9.8.3533E+02	4.6.9949E+02	2.0.6227E+02	8.9.4209E+01	1.4.0495E+01
32	16.1800E+03	9.1.6973E+02	4.2.6370E+02	1.8.1985E+02	7.4.0903E+01	1.1.0285E+01
33	15.4350E+03	8.5.5291E+02	3.8.7315E+02	1.6.0630E+02	6.3.5317E+01	9.2.1974E+00
34	14.7337E+03	7.9.8094E+02	3.5.1779E+02	1.4.1813E+02	5.4.4879E+01	7.4.5378E+00
35	14.0729E+03	7.4.5029E+02	3.1.9947E+02	1.2.5228E+02	4.6.7400E+01	6.0.3020E+00
36	13.4497E+03	6.9.5759E+02	2.9.0441E+02	1.1.0607E+02	4.0.1010E+01	4.8.7790E+00

CORAL 60 SOURCE

RECTANGULAR SLAB SOURCE = 40 IN. X 60 IN.

AIR GAP = 0.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	11.9382E+04	11.9382E+04	11.9382E+04	11.9382E+04	11.9382E+04	11.9382E+04
1	10.8535E+04	10.8535E+04	10.8535E+04	10.8535E+04	10.8535E+04	10.8535E+04
2	9.7611E+03	9.7611E+03	9.7611E+03	9.7611E+03	9.7611E+03	9.7611E+03
3	8.6511E+03	8.6511E+03	8.6511E+03	8.6511E+03	8.6511E+03	8.6511E+03
4	7.5242E+03	7.5242E+03	7.5242E+03	7.5242E+03	7.5242E+03	7.5242E+03
5	6.3873E+03	6.3873E+03	6.3873E+03	6.3873E+03	6.3873E+03	6.3873E+03
6	5.2424E+03	5.2424E+03	5.2424E+03	5.2424E+03	5.2424E+03	5.2424E+03
7	4.0895E+03	4.0895E+03	4.0895E+03	4.0895E+03	4.0895E+03	4.0895E+03
8	2.9286E+03	2.9286E+03	2.9286E+03	2.9286E+03	2.9286E+03	2.9286E+03
9	1.7607E+03	1.7607E+03	1.7607E+03	1.7607E+03	1.7607E+03	1.7607E+03
10	5.2915E+03	5.2915E+03	5.2915E+03	5.2915E+03	5.2915E+03	5.2915E+03
11	4.0788E+03	4.0788E+03	4.0788E+03	4.0788E+03	4.0788E+03	4.0788E+03
12	2.8661E+03	2.8661E+03	2.8661E+03	2.8661E+03	2.8661E+03	2.8661E+03
13	1.6534E+03	1.6534E+03	1.6534E+03	1.6534E+03	1.6534E+03	1.6534E+03
14	4.0407E+03	4.0407E+03	4.0407E+03	4.0407E+03	4.0407E+03	4.0407E+03
15	2.8280E+03	2.8280E+03	2.8280E+03	2.8280E+03	2.8280E+03	2.8280E+03
16	1.6153E+03	1.6153E+03	1.6153E+03	1.6153E+03	1.6153E+03	1.6153E+03
17	1.4026E+03	1.4026E+03	1.4026E+03	1.4026E+03	1.4026E+03	1.4026E+03
18	1.1899E+03	1.1899E+03	1.1899E+03	1.1899E+03	1.1899E+03	1.1899E+03
19	1.0772E+03	1.0772E+03	1.0772E+03	1.0772E+03	1.0772E+03	1.0772E+03
20	9.6455E+02	9.6455E+02	9.6455E+02	9.6455E+02	9.6455E+02	9.6455E+02
21	8.5138E+02	8.5138E+02	8.5138E+02	8.5138E+02	8.5138E+02	8.5138E+02
22	7.3821E+02	7.3821E+02	7.3821E+02	7.3821E+02	7.3821E+02	7.3821E+02
23	6.2504E+02	6.2504E+02	6.2504E+02	6.2504E+02	6.2504E+02	6.2504E+02
24	5.1187E+02	5.1187E+02	5.1187E+02	5.1187E+02	5.1187E+02	5.1187E+02
25	3.9870E+02	3.9870E+02	3.9870E+02	3.9870E+02	3.9870E+02	3.9870E+02
26	2.8553E+02	2.8553E+02	2.8553E+02	2.8553E+02	2.8553E+02	2.8553E+02
27	1.7236E+02	1.7236E+02	1.7236E+02	1.7236E+02	1.7236E+02	1.7236E+02
28	5.1119E+02	5.1119E+02	5.1119E+02	5.1119E+02	5.1119E+02	5.1119E+02
29	3.9802E+02	3.9802E+02	3.9802E+02	3.9802E+02	3.9802E+02	3.9802E+02
30	2.8485E+02	2.8485E+02	2.8485E+02	2.8485E+02	2.8485E+02	2.8485E+02
31	1.7168E+02	1.7168E+02	1.7168E+02	1.7168E+02	1.7168E+02	1.7168E+02
32	5.0551E+02	5.0551E+02	5.0551E+02	5.0551E+02	5.0551E+02	5.0551E+02
33	3.9234E+02	3.9234E+02	3.9234E+02	3.9234E+02	3.9234E+02	3.9234E+02
34	2.7917E+02	2.7917E+02	2.7917E+02	2.7917E+02	2.7917E+02	2.7917E+02
35	1.6600E+02	1.6600E+02	1.6600E+02	1.6600E+02	1.6600E+02	1.6600E+02
36	5.0483E+02	5.0483E+02	5.0483E+02	5.0483E+02	5.0483E+02	5.0483E+02

RECTANGULAR SLAB SOURCE = 40 IN. X 60 IN.

AIR GAP = 7.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	10.9009E+04	10.9009E+04	10.9009E+04	10.9009E+04	10.9009E+04	10.9009E+04
1	9.8182E+03	9.8182E+03	9.8182E+03	9.8182E+03	9.8182E+03	9.8182E+03
2	8.7355E+03	8.7355E+03	8.7355E+03	8.7355E+03	8.7355E+03	8.7355E+03
3	7.6528E+03	7.6528E+03	7.6528E+03	7.6528E+03	7.6528E+03	7.6528E+03
4	6.5701E+03	6.5701E+03	6.5701E+03	6.5701E+03	6.5701E+03	6.5701E+03
5	5.4874E+03	5.4874E+03	5.4874E+03	5.4874E+03	5.4874E+03	5.4874E+03
6	4.4047E+03	4.4047E+03	4.4047E+03	4.4047E+03	4.4047E+03	4.4047E+03
7	3.3220E+03	3.3220E+03	3.3220E+03	3.3220E+03	3.3220E+03	3.3220E+03
8	2.2393E+03	2.2393E+03	2.2393E+03	2.2393E+03	2.2393E+03	2.2393E+03
9	1.1566E+03	1.1566E+03	1.1566E+03	1.1566E+03	1.1566E+03	1.1566E+03
10	5.0739E+03	5.0739E+03	5.0739E+03	5.0739E+03	5.0739E+03	5.0739E+03
11	3.9512E+03	3.9512E+03	3.9512E+03	3.9512E+03	3.9512E+03	3.9512E+03
12	2.8285E+03	2.8285E+03	2.8285E+03	2.8285E+03	2.8285E+03	2.8285E+03
13	1.7058E+03	1.7058E+03	1.7058E+03	1.7058E+03	1.7058E+03	1.7058E+03
14	5.0431E+03	5.0431E+03	5.0431E+03	5.0431E+03	5.0431E+03	5.0431E+03
15	3.9204E+03	3.9204E+03	3.9204E+03	3.9204E+03	3.9204E+03	3.9204E+03
16	2.7977E+03	2.7977E+03	2.7977E+03	2.7977E+03	2.7977E+03	2.7977E+03
17	1.6750E+03	1.6750E+03	1.6750E+03	1.6750E+03	1.6750E+03	1.6750E+03
18	5.0123E+03	5.0123E+03	5.0123E+03	5.0123E+03	5.0123E+03	5.0123E+03
19	3.8896E+03	3.8896E+03	3.8896E+03	3.8896E+03	3.8896E+03	3.8896E+03
20	2.7669E+03	2.7669E+03	2.7669E+03	2.7669E+03	2.7669E+03	2.7669E+03
21	1.6442E+03	1.6442E+03	1.6442E+03	1.6442E+03	1.6442E+03	1.6442E+03
22	5.0015E+03	5.0015E+03	5.0015E+03	5.0015E+03	5.0015E+03	5.0015E+03
23	3.8788E+03	3.8788E+03	3.8788E+03	3.8788E+03	3.8788E+03	3.8788E+03
24	2.7561E+03	2.7561E+03	2.7561E+03	2.7561E+03	2.7561E+03	2.7561E+03
25	1.6334E+03	1.6334E+03	1.6334E+03	1.6334E+03	1.6334E+03	1.6334E+03
26	5.0007E+03	5.0007E+03	5.0007E+03	5.0007E+03	5.0007E+03	5.0007E+03
27	3.8780E+03	3.8780E+03	3.8780E+03	3.8780E+03	3.8780E+03	3.8780E+03
28	2.7553E+03	2.7553E+03	2.7553E+03	2.7553E+03	2.7553E+03	2.7553E+03
29	1.6326E+03	1.6326E+03	1.6326E+03	1.6326E+03	1.6326E+03	1.6326E+03
30	5.0000E+03	5.0000E+03	5.0000E+03	5.0000E+03	5.0000E+03	5.0000E+03
31	3.8773E+03	3.8773E+03	3.8773E+03	3.8773E+03	3.8773E+03	3.8773E+03
32	2.7546E+03	2.7546E+03	2.7546E+03	2.7546E+03	2.7546E+03	2.7546E+03
33	1.6319E+03	1.6319E+03	1.6319E+03	1.6319E+03	1.6319E+03	1.6319E+03
34	5.0012E+03	5.0012E+03	5.0012E+03	5.0012E+03	5.0012E+03	5.0012E+03
35	3.8785E+03	3.8785E+03	3.8785E+03	3.8785E+03	3.8785E+03	3.8785E+03
36	2.7568E+03	2.7568E+03	2.7568E+03	2.7568E+03	2.7568E+03	2.7568E+03

CONSTANT DO SOURCE

RECTANGULAR SLAB SOURCE = 40IN.X 90IN.

AIR GAP = 0.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/50 CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	20.1191E+04	20.1191E+04	20.1191E+04	20.1191E+04	20.1191E+04	20.1191E+04
1	19.0247E+04	19.0247E+04	19.0247E+04	19.0247E+04	19.0247E+04	19.0247E+04
2	17.4167E+04	17.4167E+04	17.4167E+04	17.4167E+04	17.4167E+04	17.4167E+04
3	15.6228E+04	15.6228E+04	15.6228E+04	15.6228E+04	15.6228E+04	15.6228E+04
4	14.3955E+04	14.3955E+04	14.3955E+04	14.3955E+04	14.3955E+04	14.3955E+04
5	13.1462E+04	13.1462E+04	13.1462E+04	13.1462E+04	13.1462E+04	13.1462E+04
6	12.0520E+04	12.0520E+04	12.0520E+04	12.0520E+04	12.0520E+04	12.0520E+04
7	11.0917E+04	11.0917E+04	11.0917E+04	11.0917E+04	11.0917E+04	11.0917E+04
8	10.2614E+04	10.2614E+04	10.2614E+04	10.2614E+04	10.2614E+04	10.2614E+04
9	9.5646E+03	9.5646E+03	9.5646E+03	9.5646E+03	9.5646E+03	9.5646E+03
10	89.0710E+03	89.0710E+03	89.0710E+03	89.0710E+03	89.0710E+03	89.0710E+03
11	81.0773E+03	81.0773E+03	81.0773E+03	81.0773E+03	81.0773E+03	81.0773E+03
12	76.4697E+03	76.4697E+03	76.4697E+03	76.4697E+03	76.4697E+03	76.4697E+03
13	71.4723E+03	71.4723E+03	71.4723E+03	71.4723E+03	71.4723E+03	71.4723E+03
14	66.9421E+03	66.9421E+03	66.9421E+03	66.9421E+03	66.9421E+03	66.9421E+03
15	62.7656E+03	62.7656E+03	62.7656E+03	62.7656E+03	62.7656E+03	62.7656E+03
16	58.9817E+03	58.9817E+03	58.9817E+03	58.9817E+03	58.9817E+03	58.9817E+03
17	55.4684E+03	55.4684E+03	55.4684E+03	55.4684E+03	55.4684E+03	55.4684E+03
18	52.2482E+03	52.2482E+03	52.2482E+03	52.2482E+03	52.2482E+03	52.2482E+03
19	49.2680E+03	49.2680E+03	49.2680E+03	49.2680E+03	49.2680E+03	49.2680E+03
20	46.4811E+03	46.4811E+03	46.4811E+03	46.4811E+03	46.4811E+03	46.4811E+03
21	43.8776E+03	43.8776E+03	43.8776E+03	43.8776E+03	43.8776E+03	43.8776E+03
22	41.5133E+03	41.5133E+03	41.5133E+03	41.5133E+03	41.5133E+03	41.5133E+03
23	39.4178E+03	39.4178E+03	39.4178E+03	39.4178E+03	39.4178E+03	39.4178E+03
24	37.5721E+03	37.5721E+03	37.5721E+03	37.5721E+03	37.5721E+03	37.5721E+03
25	35.9453E+03	35.9453E+03	35.9453E+03	35.9453E+03	35.9453E+03	35.9453E+03
26	34.5044E+03	34.5044E+03	34.5044E+03	34.5044E+03	34.5044E+03	34.5044E+03
27	33.2197E+03	33.2197E+03	33.2197E+03	33.2197E+03	33.2197E+03	33.2197E+03
28	32.0400E+03	32.0400E+03	32.0400E+03	32.0400E+03	32.0400E+03	32.0400E+03
29	30.9299E+03	30.9299E+03	30.9299E+03	30.9299E+03	30.9299E+03	30.9299E+03
30	29.8582E+03	29.8582E+03	29.8582E+03	29.8582E+03	29.8582E+03	29.8582E+03
31	28.8124E+03	28.8124E+03	28.8124E+03	28.8124E+03	28.8124E+03	28.8124E+03
32	27.7891E+03	27.7891E+03	27.7891E+03	27.7891E+03	27.7891E+03	27.7891E+03
33	26.7847E+03	26.7847E+03	26.7847E+03	26.7847E+03	26.7847E+03	26.7847E+03
34	25.7952E+03	25.7952E+03	25.7952E+03	25.7952E+03	25.7952E+03	25.7952E+03
35	24.8264E+03	24.8264E+03	24.8264E+03	24.8264E+03	24.8264E+03	24.8264E+03
36	23.8740E+03	23.8740E+03	23.8740E+03	23.8740E+03	23.8740E+03	23.8740E+03

RECTANGULAR SLAB SOURCE = 40IN.X 90IN.

AIR GAP = 1.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/50 CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	19.4444E+04	19.4444E+04	19.4444E+04	19.4444E+04	19.4444E+04	19.4444E+04
1	17.6359E+04	17.6359E+04	17.6359E+04	17.6359E+04	17.6359E+04	17.6359E+04
2	16.1343E+04	16.1343E+04	16.1343E+04	16.1343E+04	16.1343E+04	16.1343E+04
3	14.8281E+04	14.8281E+04	14.8281E+04	14.8281E+04	14.8281E+04	14.8281E+04
4	13.5267E+04	13.5267E+04	13.5267E+04	13.5267E+04	13.5267E+04	13.5267E+04
5	12.1902E+04	12.1902E+04	12.1902E+04	12.1902E+04	12.1902E+04	12.1902E+04
6	11.2126E+04	11.2126E+04	11.2126E+04	11.2126E+04	11.2126E+04	11.2126E+04
7	10.5433E+04	10.5433E+04	10.5433E+04	10.5433E+04	10.5433E+04	10.5433E+04
8	9.7574E+03	9.7574E+03	9.7574E+03	9.7574E+03	9.7574E+03	9.7574E+03
9	89.8415E+03	89.8415E+03	89.8415E+03	89.8415E+03	89.8415E+03	89.8415E+03
10	82.6681E+03	82.6681E+03	82.6681E+03	82.6681E+03	82.6681E+03	82.6681E+03
11	77.5929E+03	77.5929E+03	77.5929E+03	77.5929E+03	77.5929E+03	77.5929E+03
12	72.0244E+03	72.0244E+03	72.0244E+03	72.0244E+03	72.0244E+03	72.0244E+03
13	67.4276E+03	67.4276E+03	67.4276E+03	67.4276E+03	67.4276E+03	67.4276E+03
14	63.2290E+03	63.2290E+03	63.2290E+03	63.2290E+03	63.2290E+03	63.2290E+03
15	59.3865E+03	59.3865E+03	59.3865E+03	59.3865E+03	59.3865E+03	59.3865E+03
16	55.8582E+03	55.8582E+03	55.8582E+03	55.8582E+03	55.8582E+03	55.8582E+03
17	52.6109E+03	52.6109E+03	52.6109E+03	52.6109E+03	52.6109E+03	52.6109E+03
18	49.6155E+03	49.6155E+03	49.6155E+03	49.6155E+03	49.6155E+03	49.6155E+03
19	46.8466E+03	46.8466E+03	46.8466E+03	46.8466E+03	46.8466E+03	46.8466E+03
20	44.2821E+03	44.2821E+03	44.2821E+03	44.2821E+03	44.2821E+03	44.2821E+03
21	41.9024E+03	41.9024E+03	41.9024E+03	41.9024E+03	41.9024E+03	41.9024E+03
22	39.6795E+03	39.6795E+03	39.6795E+03	39.6795E+03	39.6795E+03	39.6795E+03
23	37.6313E+03	37.6313E+03	37.6313E+03	37.6313E+03	37.6313E+03	37.6313E+03
24	35.7182E+03	35.7182E+03	35.7182E+03	35.7182E+03	35.7182E+03	35.7182E+03
25	33.9191E+03	33.9191E+03	33.9191E+03	33.9191E+03	33.9191E+03	33.9191E+03
26	32.2431E+03	32.2431E+03	32.2431E+03	32.2431E+03	32.2431E+03	32.2431E+03
27	30.6814E+03	30.6814E+03	30.6814E+03	30.6814E+03	30.6814E+03	30.6814E+03
28	29.2035E+03	29.2035E+03	29.2035E+03	29.2035E+03	29.2035E+03	29.2035E+03
29	27.8235E+03	27.8235E+03	27.8235E+03	27.8235E+03	27.8235E+03	27.8235E+03
30	26.5271E+03	26.5271E+03	26.5271E+03	26.5271E+03	26.5271E+03	26.5271E+03
31	25.3080E+03	25.3080E+03	25.3080E+03	25.3080E+03	25.3080E+03	25.3080E+03
32	24.1603E+03	24.1603E+03	24.1603E+03	24.1603E+03	24.1603E+03	24.1603E+03
33	23.0790E+03	23.0790E+03	23.0790E+03	23.0790E+03	23.0790E+03	23.0790E+03
34	22.0591E+03	22.0591E+03	22.0591E+03	22.0591E+03	22.0591E+03	22.0591E+03
35	21.0963E+03	21.0963E+03	21.0963E+03	21.0963E+03	21.0963E+03	21.0963E+03
36	20.1868E+03	20.1868E+03	20.1868E+03	20.1868E+03	20.1868E+03	20.1868E+03

SOURCE 40 SOURCE

RECTANGULAR SLAB SOURCE = 40IN.X 90IN.

AIR GAP = 2.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

	.1	.3	.5	.7	.9	1.3
0	18.2989E+04	18.2989E+04	18.2989E+04	18.2989E+04	18.2989E+04	18.2989E+04
1	16.4418E+04	15.8228E+04	15.1954E+04	14.5741E+04	13.9469E+04	12.8140E+04
2	14.0541E+04	13.9193E+04	12.9522E+04	12.0075E+04	11.1111E+04	94.9830E+03
3	13.5010E+04	12.3843E+04	11.2842E+04	10.0799E+04	90.3718E+03	72.4562E+03
4	12.3378E+04	11.1070E+04	97.9761E+03	85.6166E+03	74.4976E+03	56.1849E+03
5	11.3272E+04	10.0208E+04	86.2378E+03	73.2024E+03	61.9592E+03	44.0242E+03
6	10.4408E+04	90.8258E+03	76.2988E+03	63.1190E+03	51.8528E+03	34.7376E+03
7	96.5857E+03	82.6252E+03	67.7730E+03	54.5831E+03	43.5932E+03	27.5473E+03
8	87.3766E+03	75.3923E+03	60.3899E+03	47.3576E+03	38.7762E+03	21.9262E+03
9	83.3149E+03	68.9673E+03	53.9479E+03	41.1962E+03	31.1008E+03	17.5012E+03
10	77.6760E+03	61.2248E+03	46.2755E+03	35.9127E+03	26.3713E+03	13.5999E+03
11	72.5595E+03	56.0733E+03	43.3187E+03	31.3617E+03	22.3943E+03	11.2186E+03
12	67.9145E+03	51.4283E+03	38.9037E+03	27.4278E+03	19.0445E+03	10.0259E+02
13	63.6779E+03	49.2275E+03	34.9901E+03	24.0176E+03	16.2154E+03	72.3272E+02
14	59.8006E+03	45.4172E+03	31.5073E+03	21.0543E+03	13.8205E+03	53.1645E+02
15	56.2431E+03	41.9522E+03	28.4008E+03	18.4742E+03	11.7903E+03	46.8137E+02
16	52.9762E+03	38.7942E+03	25.6246E+03	16.2239E+03	10.0640E+03	37.7045E+02
17	49.9522E+03	35.9111E+03	23.1394E+03	14.2584E+03	83.9949E+02	30.5845E+02
18	47.1631E+03	33.2714E+03	20.9114E+03	12.5594E+03	73.5149E+02	24.5020E+02
19	44.5804E+03	30.8532E+03	18.9113E+03	11.0345E+03	62.6790E+02	19.7664E+02
20	42.1844E+03	28.6338E+03	17.1137E+03	97.1561E+02	53.8085E+02	15.9599E+02
21	39.9570E+03	26.5941E+03	15.4943E+03	85.5875E+02	46.0674E+02	12.8801E+02
22	37.8851E+03	24.7172E+03	14.0397E+03	75.4320E+02	39.4562E+02	10.4028E+02
23	35.9520E+03	22.9879E+03	12.7266E+03	66.5100E+02	33.8068E+02	84.0472E+01
24	34.1488E+03	21.3931E+03	11.5420E+03	58.6886E+02	28.9766E+02	67.9241E+01
25	32.4622E+03	19.9206E+03	10.4723E+03	51.7509E+02	24.8418E+02	54.9092E+01
26	30.8833E+03	18.5595E+03	9.50626E+02	45.7005E+02	21.3587E+02	44.3995E+01
27	29.4035E+03	17.3014E+03	8.63267E+02	40.3555E+02	18.2812E+02	35.9102E+01
28	28.0152E+03	16.1363E+03	78.4239E+02	35.6406E+02	15.6882E+02	29.0597E+01
29	26.7180E+03	15.0587E+03	71.2709E+02	31.7346E+02	13.4665E+02	23.5067E+01
30	25.4882E+03	14.0533E+03	64.7627E+02	27.3878E+02	11.5622E+02	19.0267E+01
31	24.3296E+03	13.1279E+03	58.9230E+02	24.6117E+02	99.2957E+01	15.4003E+01
32	23.2481E+03	12.2659E+03	53.6820E+02	21.7444E+02	85.2937E+01	12.4688E+01
33	22.2153E+03	11.4632E+03	48.7743E+02	19.2512E+02	73.2818E+01	10.0971E+01
34	21.2469E+03	10.7208E+03	44.3978E+02	17.0323E+02	62.9744E+01	81.7805E+00
35	20.3317E+03	10.0285E+03	40.4236E+02	15.0725E+02	54.1274E+01	66.2485E+00
36	19.4664E+03	93.6426E+02	36.8149E+02	13.3411E+02	46.5321E+01	53.6753E+00

RECTANGULAR SLAB SOURCE = 40IN.X 90IN.

AIR GAP = 3.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

	.1	.3	.5	.7	.9	1.3
0	16.7419E+04	16.7419E+04	16.7419E+04	16.7419E+04	16.7419E+04	16.7419E+04
1	15.0716E+04	14.6281E+04	14.1591E+04	13.6777E+04	13.1934E+04	12.2398E+04
2	13.6675E+04	12.9606E+04	12.1885E+04	11.4036E+04	10.6353E+04	92.0424E+03
3	12.4706E+04	11.5915E+04	10.5137E+04	96.3743E+03	87.0986E+03	76.6732E+03
4	11.4235E+04	10.4375E+04	93.1663E+03	82.2073E+03	72.0933E+03	54.9963E+03
5	10.5333E+04	94.4679E+03	82.2601E+03	70.5891E+03	60.1187E+03	43.1814E+03
6	97.3647E+03	85.8474E+03	72.9541E+03	60.9118E+03	50.4048E+03	34.1174E+03
7	90.2798E+03	78.2697E+03	64.9271E+03	52.7596E+03	42.4322E+03	27.0790E+03
8	83.9387E+03	71.5555E+03	57.9458E+03	45.8341E+03	35.9326E+03	21.5662E+03
9	78.2312E+03	65.1605E+03	51.8350E+03	39.9127E+03	30.3745E+03	17.2209E+03
10	73.0692E+03	60.2021E+03	46.4587E+03	34.8244E+03	25.7312E+03	13.7797E+03
11	68.3810E+03	55.3713E+03	41.7089E+03	30.4365E+03	21.8623E+03	11.0445E+03
12	64.1074E+03	51.0067E+03	37.4984E+03	26.6348E+03	18.5005E+03	88.6427E+02
13	60.1908E+03	47.0511E+03	33.7551E+03	23.3372E+03	15.8437E+03	71.2245E+02
14	56.6141E+03	43.4586E+03	30.4192E+03	20.4690E+03	13.5088E+03	57.2633E+02
15	53.3175E+03	40.1816E+03	27.4401E+03	17.9697E+03	11.5279E+03	46.1081E+02
16	50.2779E+03	37.1923E+03	24.7748E+03	15.7083E+03	98.4492E+02	37.1389E+02
17	47.4699E+03	34.4582E+03	22.3865E+03	13.8617E+03	84.1325E+02	29.9382E+02
18	44.8701E+03	31.9534E+03	20.2433E+03	12.2133E+03	71.9402E+02	24.1374E+02
19	42.4587E+03	29.6550E+03	18.3178E+03	10.7518E+03	61.5478E+02	19.4735E+02
20	40.2179E+03	27.5431E+03	16.5857E+03	94.7026E+02	52.4825E+02	15.7174E+02
21	38.1324E+03	25.5998E+03	15.0261E+03	83.4564E+02	45.1140E+02	12.6908E+02
22	36.1883E+03	23.8098E+03	13.6205E+03	73.5795E+02	38.4486E+02	10.5506E+02
23	34.3734E+03	22.1589E+03	12.3526E+03	64.8991E+02	33.1223E+02	8.8223E+01
24	32.6767E+03	20.6349E+03	11.2080E+03	57.2659E+02	28.3960E+02	66.9387E+01
25	31.0886E+03	19.2265E+03	10.1740E+03	50.5489E+02	24.3521E+02	54.1163E+01
26	29.6001E+03	17.9239E+03	92.3918E+02	44.6350E+02	20.8905E+02	43.7616E+01
27	28.2034E+03	16.7180E+03	83.9359E+02	39.4261E+02	17.9266E+02	35.9668E+01
28	26.8915E+03	15.6009E+03	76.2823E+02	34.8359E+02	15.3864E+02	28.6376E+01
29	25.6577E+03	14.5651E+03	69.3512E+02	30.7891E+02	13.2100E+02	21.7422E+01
30	24.4963E+03	13.6041E+03	63.0710E+02	27.2200E+02	11.3441E+02	16.7570E+01
31	23.4020E+03	12.7119E+03	57.3778E+02	24.0709E+02	97.4406E+01	15.1848E+01
32	22.3699E+03	11.8829E+03	52.2145E+02	21.2913E+02	85.7153E+01	12.2935E+01
33	21.3956E+03	11.1124E+03	47.5297E+02	18.8379E+02	77.9383E+01	99.5744E+00
34	20.4770E+03	10.3956E+03	43.2773E+02	16.6702E+02	61.8305E+01	80.6556E+00
35	19.6046E+03	97.2894E+02	39.4159E+02	14.7555E+02	53.1531E+01	65.3426E+00
36	18.7808E+03	91.0747E+02	35.9082E+02	13.0634E+02	45.7020E+01	52.9456E+00

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 40IN.X 90IN.

AIR GAP = 4.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SO CM)

TARGET DENSITY

	.1	.3	.5	.7	.9	1.3
0	15.2783E+04	15.2783E+04	15.2783E+04	15.2783E+04	15.2783E+04	15.2783E+04
1	15.8249E+04	15.5010E+04	15.1462E+04	12.7711E+04	12.3843E+04	11.5992E+04
2	12.5949E+04	12.0528E+04	11.4318E+04	10.7785E+04	10.1216E+04	89.4000E+03
3	11.5395E+04	10.8388E+04	10.0208E+04	91.7448E+03	83.5380E+03	68.5653E+03
4	10.6203E+04	98.0049E+03	88.3731E+03	73.6573E+03	69.4830E+03	53.5495E+03
5	98.1165E+03	89.0007E+03	78.2905E+03	67.7730E+03	58.1317E+03	42.1991E+03
6	90.9410E+03	81.1019E+03	69.6295E+03	59.6308E+03	48.8522E+03	33.4032E+03
7	84.5283E+03	74.1133E+03	62.1030E+03	50.8837E+03	41.1962E+03	26.5362E+03
8	78.7631E+03	67.0940E+03	55.5263E+03	44.2739E+03	34.8353E+03	21.1614E+03
9	73.5533E+03	62.3237E+03	49.7471E+03	38.6039E+03	29.5214E+03	16.9093E+03
10	68.8259E+03	57.3136E+03	44.6468E+03	33.7191E+03	25.0632E+03	13.5374E+03
11	64.5102E+03	52.7901E+03	40.1293E+03	29.4961E+03	21.3102E+03	10.8547E+03
12	60.5806E+03	48.6926E+03	36.1166E+03	25.8348E+03	18.1421E+03	87.1408E+02
13	56.9703E+03	44.9706E+03	32.5423E+03	22.6529E+03	15.4616E+03	70.0423E+02
14	53.6911E+03	41.5812E+03	29.3519E+03	19.8820E+03	13.1894E+03	56.3492E+02
15	50.5920E+03	38.4879E+03	26.4987E+03	17.4849E+03	11.2603E+03	45.3816E+02
16	47.7852E+03	35.6595E+03	23.9429E+03	15.3539E+03	96.2021E+02	36.5440E+02
17	45.1505E+03	33.0885E+03	21.6499E+03	13.5063E+03	82.2424E+02	29.4576E+02
18	42.7246E+03	30.6914E+03	19.5902E+03	11.8887E+03	70.3484E+02	23.5780E+02
19	40.4707E+03	28.5072E+03	17.7377E+03	10.4708E+03	60.2058E+02	19.1697E+02
20	38.3730E+03	26.4937E+03	16.0700E+03	92.2678E+02	51.5442E+02	15.4742E+02
21	36.4178E+03	24.6446E+03	14.5670E+03	81.3446E+02	44.1545E+02	12.4950E+02
22	34.5926E+03	22.9394E+03	13.2114E+03	71.7451E+02	37.8388E+02	10.0943E+02
23	32.8844E+03	21.3634E+03	11.9876E+03	63.3047E+02	32.4319E+02	81.5592E+01
24	31.2843E+03	19.9070E+03	10.8821E+03	55.8785E+02	27.8155E+02	65.9332E+01
25	29.7926E+03	18.5599E+03	98.8274E+02	49.3410E+02	23.8602E+02	53.3093E+01
26	28.3881E+03	17.3128E+03	89.7871E+02	43.5839E+02	20.4733E+02	43.1136E+01
27	27.0688E+03	16.1574E+03	81.6045E+02	38.5091E+02	17.5721E+02	34.8763E+01
28	25.8282E+03	15.0860E+03	74.1941E+02	34.0369E+02	15.0860E+02	28.2194E+01
29	24.6604E+03	14.0920E+03	67.4794E+02	30.0909E+02	12.9540E+02	22.8382E+01
30	23.5599E+03	13.1509E+03	61.3922E+02	26.6103E+02	11.1273E+02	18.4669E+01
31	22.5220E+03	12.3114E+03	55.8713E+02	23.5382E+02	95.5978E+01	14.7477E+01
32	21.5422E+03	11.5141E+03	50.8617E+02	20.8258E+02	82.1481E+01	12.1207E+01
33	20.6164E+03	10.7724E+03	46.3142E+02	18.4303E+02	70.6051E+01	98.1702E+00
34	19.7410E+03	10.0822E+03	42.1847E+02	16.3139E+02	60.6959E+01	79.5260E+00
35	18.9126E+03	94.394E+02	38.4332E+02	14.4436E+02	52.1872E+01	64.4336E+00
36	18.1279E+03	88.4042E+02	35.0240E+02	12.7903E+02	44.8794E+01	52.2141E+00

RECTANGULAR SLAB SOURCE = 40IN.X 90IN.

AIR GAP = 5.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SO CM)

TARGET DENSITY

	.1	.3	.5	.7	.9	1.3
0	13.9701E+04	13.9701E+04	13.9701E+04	13.9701E+04	13.9701E+04	13.9701E+04
1	12.7110E+04	12.4705E+04	12.1982E+04	11.9827E+04	11.5915E+04	10.9430E+04
2	11.6347E+04	11.2120E+04	10.7075E+04	10.1608E+04	95.8823E+03	84.8818E+03
3	10.7010E+04	10.1358E+04	94.4679E+03	87.1453E+03	79.6304E+03	66.2413E+03
4	98.8162E+03	92.0257E+03	83.7038E+03	75.8774E+03	64.7627E+03	52.0418E+03
5	91.5581E+03	83.8440E+03	74.4272E+03	64.9271E+03	56.0580E+03	41.1109E+03
6	85.0806E+03	76.6152E+03	66.3761E+03	56.3834E+03	47.2351E+03	32.6153E+03
7	79.2630E+03	70.1755E+03	59.3309E+03	49.9902E+03	39.7127E+03	25.9621E+03
8	74.0103E+03	64.4194E+03	53.1572E+03	42.7618E+03	33.0631E+03	20.7264E+03
9	69.2608E+03	59.2408E+03	47.7034E+03	37.2077E+03	28.6839E+03	16.9722E+03
10	64.9880E+03	54.5632E+03	42.8743E+03	32.6096E+03	24.3799E+03	13.7371E+03
11	60.9490E+03	50.3329E+03	38.5853E+03	28.5543E+03	20.7491E+03	10.9323E+03
12	57.3105E+03	46.4806E+03	34.7642E+03	25.0353E+03	17.6744E+03	85.5622E+02
13	53.9709E+03	42.9870E+03	31.3578E+03	21.9782E+03	15.0730E+03	68.7931E+02
14	50.8934E+03	39.7943E+03	28.3101E+03	19.2973E+03	12.8653E+03	55.3646E+02
15	48.0515E+03	36.8711E+03	25.5862E+03	16.9429E+03	10.7604E+03	44.5833E+02
16	45.4210E+03	34.1952E+03	23.1314E+03	14.9213E+03	9.07944E+02	35.3253E+02
17	42.9817E+03	31.7402E+03	20.9317E+03	13.1394E+03	8.0.3797E+02	28.7037E+02
18	40.7135E+03	29.4844E+03	18.9535E+03	11.5472E+03	68.7406E+02	23.3408E+02
19	38.6046E+03	27.4080E+03	17.1725E+03	10.1920E+03	59.8780E+02	18.9574E+02
20	36.6409E+03	25.4948E+03	15.5675E+03	89.6401E+02	50.4141E+02	15.2249E+02
21	34.8066E+03	23.7354E+03	14.1177E+03	79.2504E+02	43.1987E+02	12.2048E+02
22	33.0906E+03	22.1053E+03	12.8120E+03	69.9331E+02	37.6290E+02	94.3400E+01
23	31.4854E+03	20.6004E+03	11.4321E+03	61.7313E+02	31.7530E+02	80.7041E+01
24	29.9808E+03	19.2087E+03	10.3647E+03	54.5103E+02	27.2370E+02	67.1227E+01
25	28.5590E+03	17.9201E+03	9.5010E+02	48.1507E+02	23.7939E+02	52.4913E+01
26	27.2427E+03	16.7263E+03	8.7250E+02	42.5453E+02	20.8938E+02	42.4574E+01
27	25.9956E+03	15.6107E+03	7.9.3356E+02	37.6979E+02	17.7202E+02	34.3060E+01
28	24.8215E+03	14.5693E+03	72.1601E+02	33.2494E+02	14.7877E+02	27.7977E+01
29	23.7132E+03	13.6037E+03	65.4563E+02	29.4837E+02	12.7045E+02	22.4907E+01
30	22.6470E+03	12.7052E+03	59.7509E+02	26.0123E+02	10.8123E+02	18.2257E+01
31	21.6067E+03	11.8248E+03	54.4836E+02	22.8161E+02	9.37701E+01	14.7492E+01
32	20.5959E+03	11.1594E+03	49.9437E+02	20.3677E+02	80.3946E+01	11.9454E+01
33	19.6758E+03	10.4451E+03	45.1300E+02	18.0297E+02	69.2041E+01	9.7044E+00
34	19.0427E+03	97.6014E+02	41.1200E+02	15.9344E+02	59.5721E+01	79.3700E+00
35	18.4338E+03	91.3054E+02	37.4754E+02	14.1369E+02	51.2900E+01	63.3233E+00
36	17.8505E+03	85.8279E+02	34.1827E+02	12.3227E+02	44.0651E+01	51.4620E+00

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 40IN.X 90IN.

AIR GAP = 6.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/50 CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	12.8158E+04	12.8158E+04	12.8158E+04	12.8158E+04	12.8158E+04	12.8158E+04
1	11.7212E+04	11.5395E+04	11.3272E+04	11.0917E+04	10.8388E+04	10.2498E+04
2	10.7746E+04	10.4408E+04	10.0261E+04	95.6628E+03	90.8258E+03	81.0516E+03
3	99.6573E+03	94.6461E+03	89.0007E+03	82.6252E+03	76.1473E+03	63.7503E+03
4	92.1267E+03	85.4484E+03	79.2207E+03	71.5427E+03	64.0047E+03	50.3659E+03
5	85.5919E+03	79.0158E+03	70.6946E+03	62.1036E+03	53.9479E+03	39.9468E+03
6	79.7261E+03	72.3957E+03	63.2268E+03	54.0332E+03	45.5859E+03	31.7728E+03
7	74.4373E+03	66.4677E+03	56.6576E+03	47.1055E+03	38.6039E+03	25.3388E+03
8	69.6411E+03	61.1358E+03	50.8568E+03	41.1369E+03	32.7518E+03	20.2519E+03
9	65.2756E+03	56.3217E+03	45.7175E+03	35.4703E+03	27.8306E+03	16.2154E+03
10	61.2870E+03	51.9611E+03	41.1512E+03	31.5073E+03	23.8606E+03	13.0027E+03
11	57.6335E+03	47.9979E+03	37.0838E+03	27.6231E+03	20.1727E+03	10.4393E+03
12	54.2756E+03	44.3922E+03	33.4531E+03	24.2419E+03	17.2017E+03	9.9046E+02
13	51.1811E+03	41.0796E+03	30.2059E+03	21.2934E+03	14.6811E+03	8.4965E+02
14	48.3247E+03	38.0855E+03	27.2969E+03	18.7182E+03	12.5394E+03	7.3394E+02
15	45.6810E+03	35.3298E+03	24.6870E+03	16.4662E+03	10.7176E+03	6.3766E+02
16	43.2294E+03	32.7964E+03	22.3423E+03	14.4943E+03	9.1459E+02	5.5288E+02
17	40.9519E+03	30.4720E+03	20.2333E+03	12.7660E+03	7.84330E+02	4.8465E+02
18	38.8324E+03	28.3313E+03	18.3344E+03	11.2497E+03	6.7489E+02	4.2448E+02
19	36.8572E+03	26.3588E+03	16.6228E+03	9.94844E+02	5.75135E+02	3.6333E+02
20	35.0134E+03	24.5394E+03	15.0788E+03	8.74862E+02	4.92016E+02	3.14970E+02
21	33.2898E+03	22.8393E+03	13.6948E+03	7.71999E+02	4.2444E+02	2.6940E+02
22	31.6743E+03	21.3044E+03	12.4232E+03	6.81496E+02	3.62345E+02	2.3727E+01
23	30.1645E+03	19.8694E+03	11.2664E+03	6.01823E+02	3.10727E+02	1.9024E+01
24	28.7457E+03	18.5392E+03	10.2540E+03	5.31642E+02	2.64618E+02	1.51979E+01
25	27.4127E+03	17.3062E+03	9.32319E+02	4.69796E+02	2.24837E+02	1.16653E+01
26	26.1594E+03	16.1627E+03	8.47023E+02	4.15270E+02	1.94443E+02	9.17968E+00
27	24.9796E+03	15.1014E+03	7.71244E+02	3.67174E+02	1.68712E+02	7.39211E+00
28	23.8677E+03	14.1157E+03	7.01810E+02	3.24740E+02	1.44425E+02	6.27354E+00
29	22.8190E+03	13.1994E+03	6.38820E+02	2.87222E+02	1.24504E+02	5.21594E+00
30	21.8269E+03	12.3477E+03	5.81653E+02	2.54204E+02	1.04991E+02	4.2464E+00
31	20.8933E+03	11.5551E+03	5.29749E+02	2.24990E+02	9.14601E+01	3.45304E+00
32	20.0084E+03	10.8171E+03	4.82605E+02	1.99177E+02	7.90367E+01	2.74979E+00
33	19.1712E+03	10.1295E+03	4.39768E+02	1.76362E+02	6.97679E+01	2.23513E+00
34	18.3780E+03	9.48166E+02	4.00332E+02	1.56197E+02	6.24602E+01	1.77261E+00
35	17.6262E+03	8.89186E+02	3.65429E+02	1.38356E+02	5.62340E+01	1.42646E+00
36	16.9130E+03	8.33497E+02	3.32228E+02	1.22580E+02	5.02997E+01	1.07275E+00

RECTANGULAR SLAB SOURCE = 40IN.X 90IN.

AIR GAP = 7.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/50 CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	11.7979E+04	11.7979E+04	11.7979E+04	11.7979E+04	11.7979E+04	11.7979E+04
1	10.8404E+04	10.7010E+04	10.5333E+04	10.3433E+04	10.1358E+04	96.8434E+03
2	10.0034E+04	9.73647E+03	93.9342E+03	90.8267E+03	87.6474E+03	82.2216E+03
3	92.6519E+03	88.8613E+03	83.6468E+03	78.2697E+03	72.5827E+03	61.8154E+03
4	86.1592E+03	81.2690E+03	74.9370E+03	68.1626E+03	61.8621E+03	48.6496E+03
5	80.1592E+03	74.5616E+03	67.1270E+03	59.3369E+03	51.6566E+03	38.7231E+03
6	74.6326E+03	68.4459E+03	60.2021E+03	51.7603E+03	43.9208E+03	30.8523E+03
7	69.6083E+03	62.9772E+03	54.0753E+03	45.2402E+03	37.2877E+03	24.6875E+03
8	65.1191E+03	58.0404E+03	48.6370E+03	40.3930E+03	31.6443E+03	19.7626E+03
9	61.1679E+03	53.5543E+03	43.7936E+03	36.6047E+03	28.0774E+03	15.8237E+03
10	57.7304E+03	49.4950E+03	39.4454E+03	32.8192E+03	24.6000E+03	12.7174E+03
11	54.7642E+03	45.7385E+03	35.6304E+03	29.7823E+03	21.5883E+03	10.2192E+03
12	51.4539E+03	42.2613E+03	32.1812E+03	25.4594E+03	18.7278E+03	8.21927E+02
13	48.7850E+03	39.3063E+03	29.0077E+03	20.6261E+03	14.8866E+03	6.41567E+02
14	45.9279E+03	36.4470E+03	26.3144E+03	18.1415E+03	12.2123E+03	5.22901E+02
15	43.4677E+03	33.8423E+03	23.8298E+03	15.9766E+03	10.4458E+03	4.24592E+02
16	41.1790E+03	31.4671E+03	21.6764E+03	14.0737E+03	8.78948E+02	3.46344E+02
17	39.0390E+03	29.2624E+03	19.6564E+03	12.4039E+03	7.61232E+02	2.77047E+02
18	37.0444E+03	27.2195E+03	17.7234E+03	10.9374E+03	6.55444E+02	2.25543E+02
19	35.1914E+03	25.3153E+03	16.0093E+03	9.64054E+02	5.61747E+02	1.87217E+02
20	33.4320E+03	23.5404E+03	14.4044E+03	8.41164E+02	4.85574E+02	1.47318E+02
21	31.8622E+03	22.0139E+03	13.2023E+03	7.51775E+02	4.17955E+02	1.16097E+02
22	30.4394E+03	20.5413E+03	12.0400E+03	6.67943E+02	3.62432E+02	9.49064E+01
23	29.1410E+03	19.1899E+03	10.9994E+03	5.89700E+02	3.09397E+02	7.73992E+01
24	27.9379E+03	17.9099E+03	9.95864E+02	5.16414E+02	2.60914E+02	6.28301E+01
25	26.8000E+03	16.7199E+03	9.00000E+02	4.47944E+02	2.24912E+02	5.09410E+01
26	25.7194E+03	15.6222E+03	8.23377E+02	3.83744E+02	1.92308E+02	4.12227E+01
27	24.6817E+03	14.6047E+03	7.57770E+02	3.23514E+02	1.63754E+02	3.32789E+01
28	23.6830E+03	13.6599E+03	6.93677E+02	2.67136E+02	1.38707E+02	2.69467E+01
29	22.7204E+03	12.7899E+03	6.30644E+02	2.14694E+02	1.16707E+02	2.18167E+01
30	21.7899E+03	11.9600E+03	5.68172E+02	1.66177E+02	9.69077E+01	1.76673E+01
31	20.8874E+03	11.1666E+03	5.05911E+02	1.21993E+02	8.01701E+01	1.40710E+01
32	19.9999E+03	10.4066E+03	4.43226E+02	8.94799E+01	6.77716E+01	1.07461E+01
33	19.1344E+03	9.6766E+03	3.80974E+02	6.29499E+01	5.80044E+01	8.07446E+00
34	18.2879E+03	8.9733E+03	3.18614E+02	4.28114E+01	4.94644E+01	6.01294E+00
35	17.4574E+03	8.2933E+03	2.55594E+02	2.85994E+01	4.20014E+01	4.46646E+00
36	16.6479E+03	7.6333E+03	1.92228E+02	1.84994E+01	3.56997E+01	3.22658E+00

CORAL GO SOURCE

RECTANGULAR SLAB SOURCE = 42 IN. X120 IN.

AIR GAP = 0.0 IN.

X = Y = 0

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	20.1191E+04	20.1191E+04	20.1191E+04	20.1191E+04	20.1191E+04	20.1191E+04
1	19.0204E+04	17.8639E+04	16.7408E+04	15.6536E+04	14.6038E+04	13.6024E+04
2	17.4609E+04	15.7882E+04	14.7408E+04	13.7277E+04	12.7477E+04	11.8072E+04
3	15.9248E+04	14.2513E+04	13.2408E+04	12.2577E+04	11.3077E+04	10.3972E+04
4	14.5112E+04	12.8376E+04	11.8408E+04	10.8727E+04	9.9377E+04	9.0472E+04
5	13.2001E+04	11.5276E+04	10.5408E+04	9.5727E+04	8.6477E+04	7.7672E+04
6	12.0777E+04	10.3136E+04	9.3408E+04	8.3727E+04	7.4577E+04	6.6172E+04
7	11.0331E+04	9.2012E+04	8.2408E+04	7.2727E+04	6.3777E+04	5.5472E+04
8	10.0559E+04	8.1977E+04	7.2408E+04	6.2727E+04	5.3977E+04	4.5472E+04
9	9.1448E+04	7.3000E+04	6.3408E+04	5.3727E+04	4.4977E+04	3.6972E+04
10	8.2974E+04	6.5112E+04	5.5408E+04	4.4727E+04	3.6977E+04	2.9472E+04
11	7.5111E+04	5.8276E+04	4.8408E+04	3.5727E+04	2.8977E+04	2.1972E+04
12	6.7802E+04	5.2440E+04	4.2576E+04	2.6727E+04	1.9977E+04	1.4472E+04
13	6.1011E+04	4.7611E+04	3.7740E+04	2.1876E+04	1.5077E+04	1.0072E+04
14	5.4702E+04	4.3776E+04	3.3900E+04	1.7027E+04	1.0177E+04	7.672E+03
15	4.8841E+04	4.0000E+04	3.0060E+04	1.2176E+04	7.677E+03	5.272E+03
16	4.3477E+04	3.6376E+04	2.6220E+04	8.727E+03	5.177E+03	3.772E+03
17	3.8559E+04	3.2900E+04	2.2380E+04	6.272E+03	3.677E+03	2.272E+03
18	3.4148E+04	2.9576E+04	1.8540E+04	4.372E+03	2.177E+03	1.272E+03
19	3.0191E+04	2.6400E+04	1.4700E+04	2.872E+03	1.177E+03	6.72E+02
20	2.6648E+04	2.3376E+04	1.0860E+04	1.772E+03	6.77E+02	3.27E+02
21	2.3477E+04	2.0500E+04	7.920E+03	1.072E+03	3.27E+02	1.27E+02
22	2.0641E+04	1.7776E+04	5.460E+03	5.72E+02	1.27E+02	3.7E+01
23	1.8102E+04	1.5200E+04	3.900E+03	2.72E+02	3.7E+01	1.2E+01
24	1.5801E+04	1.2776E+04	2.740E+03	1.07E+02	1.2E+01	3.7E+00
25	1.3777E+04	1.0500E+04	1.850E+03	3.7E+01	3.7E+00	1.2E+00
26	1.1977E+04	8.376E+03	1.250E+03	1.2E+01	1.2E+00	3.7E-01
27	1.0377E+04	6.400E+03	7.92E+02	3.7E+00	1.2E-01	3.7E-02
28	8.948E+03	4.600E+03	4.25E+02	1.2E-01	3.7E-02	3.7E-03
29	7.664E+03	3.000E+03	2.23E+02	3.7E-02	3.7E-03	3.7E-04
30	6.511E+03	1.500E+03	1.08E+02	1.2E-02	3.7E-04	3.7E-05
31	5.470E+03	6.51E+02	4.25E+01	3.7E-03	3.7E-05	3.7E-06
32	4.547E+03	2.62E+02	1.47E+01	1.2E-03	3.7E-06	3.7E-07
33	3.767E+03	9.20E+01	4.25E+00	3.7E-04	3.7E-07	3.7E-08
34	3.019E+03	2.64E+01	1.47E+00	1.2E-04	3.7E-08	3.7E-09
35	2.347E+03	6.51E+00	4.25E-01	3.7E-05	3.7E-09	3.7E-10
36	1.744E+03	1.52E+00	1.08E-01	1.2E-05	3.7E-10	3.7E-11

RECTANGULAR SLAB SOURCE = 42 IN. X120 IN.

AIR GAP = 2.0 IN.

X = Y = 0

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	19.0723E+04	19.0723E+04	19.0723E+04	19.0723E+04	19.0723E+04	19.0723E+04
1	17.9142E+04	17.0175E+04	16.1039E+04	15.1779E+04	14.2400E+04	13.2907E+04
2	16.7572E+04	15.9411E+04	15.0065E+04	14.0577E+04	13.1150E+04	12.1762E+04
3	15.6002E+04	14.8647E+04	13.9129E+04	12.9377E+04	11.9950E+04	11.0592E+04
4	14.4432E+04	13.7882E+04	12.8191E+04	11.8177E+04	10.8727E+04	9.9377E+04
5	13.2862E+04	12.7118E+04	11.7250E+04	10.6977E+04	9.7527E+04	8.8127E+04
6	12.1292E+04	11.6354E+04	10.6408E+04	9.5777E+04	8.6327E+04	7.7072E+04
7	10.9722E+04	10.5590E+04	9.5560E+04	8.4577E+04	7.5327E+04	6.6172E+04
8	9.8152E+04	9.4826E+04	8.4720E+04	7.3377E+04	6.4127E+04	5.5022E+04
9	8.6582E+04	8.4062E+04	7.3880E+04	6.2177E+04	5.2927E+04	4.3872E+04
10	7.5012E+04	7.3298E+04	6.3040E+04	5.0977E+04	4.1727E+04	3.2722E+04
11	6.3442E+04	6.2534E+04	5.2200E+04	3.9777E+04	3.0527E+04	2.1572E+04
12	5.1872E+04	5.1770E+04	4.1860E+04	2.8577E+04	1.9327E+04	1.0422E+04
13	4.0302E+04	4.0966E+04	3.1450E+04	1.7377E+04	8.2027E+03	4.372E+03
14	2.8732E+04	2.9900E+04	2.0940E+04	6.257E+03	2.172E+03	7.67E+02
15	1.7162E+04	1.8866E+04	1.0430E+04	1.172E+03	3.67E+02	1.27E+02
16	1.5592E+04	1.6290E+04	7.920E+02	3.7E+02	1.2E+02	3.7E+01
17	1.4022E+04	1.3714E+04	5.460E+02	1.07E+02	3.7E+01	1.2E+01
18	1.2452E+04	1.1138E+04	3.000E+02	3.7E+01	1.2E+01	3.7E+00
19	1.0882E+04	8.562E+03	1.47E+02	1.2E+01	3.7E+00	1.2E+00
20	9.311E+03	6.000E+03	6.25E+01	3.7E+00	1.2E-01	3.7E-01
21	7.744E+03	3.437E+03	2.23E+01	1.2E-01	3.7E-02	3.7E-02
22	6.177E+03	8.37E+02	7.92E+00	3.7E-02	3.7E-03	3.7E-03
23	4.610E+03	2.33E+02	2.23E+00	1.2E-02	3.7E-04	3.7E-04
24	3.043E+03	6.51E+01	4.25E-01	3.7E-03	3.7E-05	3.7E-05
25	1.476E+03	1.50E+01	1.08E-01	1.2E-03	3.7E-06	3.7E-06
26	9.191E+02	3.00E+00	2.23E-02	3.7E-04	3.7E-07	3.7E-07
27	6.614E+02	6.51E-01	4.25E-03	1.2E-04	3.7E-08	3.7E-08
28	4.037E+02	1.52E-01	1.08E-03	3.7E-05	3.7E-09	3.7E-09
29	2.460E+02	3.00E-02	2.23E-04	1.2E-05	3.7E-10	3.7E-10
30	1.883E+02	6.51E-03	4.25E-05	3.7E-06	3.7E-11	3.7E-11
31	1.306E+02	1.52E-04	1.08E-06	1.2E-06	3.7E-12	3.7E-12
32	7.291E+01	3.00E-05	2.23E-07	3.7E-07	3.7E-13	3.7E-13
33	4.714E+01	6.51E-06	4.25E-08	1.2E-07	3.7E-14	3.7E-14
34	3.137E+01	1.52E-07	1.08E-09	3.7E-08	3.7E-15	3.7E-15
35	1.560E+01	3.00E-08	2.23E-10	1.2E-08	3.7E-16	3.7E-16
36	9.023E+00	6.51E-09	4.25E-11	3.7E-09	3.7E-17	3.7E-17

CUBALF 60 SOURCE

RECTANGULAR SLAB SOURCE = 40 IN. X120 IN.

AIR GAP = 2.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CH.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	18.3759E+04	18.3759E+04	18.3759E+04	18.3759E+04	18.3759E+04	18.3759E+04
1	16.5809E+04	15.9248E+04	15.2555E+04	14.6215E+04	13.9980E+04	12.8201E+04
2	15.0577E+04	14.0373E+04	13.0182E+04	12.0426E+04	11.1305E+04	95.0376E+03
3	13.7472E+04	12.5129E+04	11.2726E+04	10.1102E+04	90.5130E+03	72.4659E+03
4	12.6158E+04	11.2428E+04	98.5900E+03	85.3829E+03	74.6101E+03	56.2050E+03
5	11.6292E+04	10.1615E+04	86.8345E+03	73.5435E+03	62.0539E+03	44.0381E+03
6	10.7609E+04	92.2656E+03	76.8796E+03	63.3411E+03	51.9351E+03	34.7684E+03
7	99.9039E+03	84.0859E+03	68.3392E+03	54.7900E+03	43.6644E+03	27.5561E+03
8	93.0201E+03	76.8648E+03	60.9412E+03	47.5517E+03	36.8422E+03	21.9325E+03
9	86.8331E+03	70.4440E+03	54.4851E+03	41.3792E+03	31.1689E+03	17.5074E+03
10	81.2437E+03	64.7016E+03	48.8182E+03	36.0856E+03	26.4265E+03	14.0052E+03
11	76.1715E+03	59.5412E+03	43.8208E+03	31.5255E+03	22.4451E+03	11.2233E+03
12	71.5504E+03	54.8851E+03	39.3976E+03	27.5031E+03	19.0915E+03	90.0667E+02
13	67.3254E+03	50.6694E+03	35.4686E+03	24.1649E+03	16.2589E+03	72.3633E+02
14	63.4504E+03	46.8412E+03	31.9708E+03	21.1939E+03	13.8612E+03	58.1966E+02
15	59.8862E+03	43.3556E+03	28.8491E+03	18.6065E+03	11.8278E+03	46.8422E+02
16	56.5992E+03	40.1746E+03	26.0578E+03	16.3493E+03	10.1008E+03	37.7300E+02
17	53.5607E+03	37.2657E+03	23.5574E+03	14.3771E+03	86.3203E+02	30.4092E+02
18	50.7456E+03	34.6004E+03	21.3161E+03	12.6517E+03	73.0149E+02	24.5222E+02
19	48.1321E+03	32.1543E+03	19.2989E+03	11.1406E+03	63.1572E+02	19.7065E+02
20	45.7011E+03	29.9058E+03	17.4862E+03	98.1569E+02	54.0662E+02	15.9690E+02
21	43.4358E+03	27.8360E+03	15.8538E+03	86.5308E+02	46.3057E+02	12.8935E+02
22	41.3214E+03	25.9281E+03	14.3824E+03	76.3201E+02	39.6765E+02	10.4155E+02
23	39.3446E+03	24.1674E+03	13.0548E+03	67.3458E+02	34.0102E+02	84.1007E+01
24	37.4937E+03	22.5406E+03	11.8559E+03	59.4529E+02	29.1661E+02	68.0249E+01
25	35.7583E+03	21.0359E+03	10.7723E+03	52.5065E+02	25.0173E+02	54.9985E+01
26	34.1290E+03	19.6428E+03	97.9228E+02	46.3896E+02	21.4674E+02	44.4706E+01
27	32.5973E+03	18.3518E+03	89.0527E+02	41.0003E+02	18.4269E+02	35.9801E+01
28	31.1557E+03	17.1543E+03	81.0193E+02	36.2496E+02	15.8218E+02	29.1124E+01
29	29.7973E+03	16.0427E+03	73.7392E+02	32.0598E+02	13.5888E+02	23.5610E+01
30	28.5159E+03	15.0099E+03	67.1379E+02	28.3630E+02	11.6741E+02	19.0724E+01
31	27.3060E+03	14.0498E+03	61.1490E+02	25.0999E+02	10.0317E+02	15.4422E+01
32	26.1622E+03	13.1565E+03	55.7129E+02	22.2185E+02	86.2256E+01	12.5055E+01
33	25.0802E+03	12.3248E+03	50.7760E+02	19.6732E+02	74.1307E+01	10.1293E+01
34	24.0555E+03	11.5501E+03	46.2907E+02	17.4239E+02	63.7467E+01	82.0618E+00
35	23.0843E+03	10.8279E+03	42.2137E+02	15.4356E+02	54.8291E+01	68.4939E+00
36	22.1631E+03	10.1544E+03	38.5064E+02	13.6773E+02	47.1689E+01	53.0891E+00

RECTANGULAR SLAB SOURCE = 40 IN. X120 IN.

AIR GAP = 3.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CH.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	16.9175E+04	16.9175E+04	16.9175E+04	16.9175E+04	16.9175E+04	16.9175E+04
1	15.3032E+04	14.8065E+04	14.2949E+04	13.7801E+04	13.2699E+04	12.2819E+04
2	13.9395E+04	13.1402E+04	12.3032E+04	11.4752E+04	10.6793E+04	92.2030E+03
3	12.7721E+04	11.7712E+04	10.7152E+04	99.9284E+03	87.3946E+03	70.7543E+03
4	11.7599E+04	10.6167E+04	94.0898E+03	82.6637E+03	72.3131E+03	55.0450E+03
5	10.8726E+04	96.2499E+03	83.1154E+03	70.9803E+03	60.2925E+03	43.2140E+03
6	13.0877E+04	87.6152E+03	73.7554E+03	61.2559E+03	50.5479E+03	34.1410E+03
7	93.8799E+03	80.0199E+03	65.6834E+03	53.0678E+03	42.5536E+03	27.0569E+03
8	87.6023E+03	73.2851E+03	58.6634E+03	46.1137E+03	35.9378E+03	21.5803E+03
9	81.9387E+03	67.2749E+03	52.9182E+03	40.1687E+03	30.4270E+03	17.2323E+03
10	76.8049E+03	61.8831E+03	47.1106E+03	35.0604E+03	25.8136E+03	13.7892E+03
11	72.1316E+03	57.0249E+03	42.3320E+03	30.6531E+03	21.9362E+03	11.0524E+03
12	67.8623E+03	52.6311E+03	38.0945E+03	26.8380E+03	18.6671E+03	88.7110E+02
13	63.9489E+03	48.6447E+03	34.3256E+03	23.5266E+03	15.9041E+03	71.2825E+02
14	60.3510E+03	45.0178E+03	30.9653E+03	20.4458E+03	13.5637E+03	57.3334E+02
15	57.0345E+03	41.7099E+03	27.9628E+03	17.349E+03	11.5780E+03	46.1515E+02
16	53.9666E+03	38.6863E+03	25.2730E+03	14.28E+03	98.9067E+02	37.1767E+02
17	51.1309E+03	35.9171E+03	22.8649E+03	11.262E+03	84.5507E+02	29.9656E+02
18	48.4462E+03	33.3764E+03	20.7007E+03	9.3485E+03	72.3231E+02	24.1663E+02
19	46.0459E+03	31.0416E+03	18.7546E+03	8.0782E+03	61.8994E+02	19.4988E+02
20	43.7631E+03	28.8928E+03	17.0027E+03	6.9849E+03	53.0033E+02	15.7397E+02
21	41.6326E+03	26.9125E+03	15.4239E+03	6.0561E+03	45.4077E+02	12.7110E+02
22	39.6410E+03	25.0852E+03	13.9997E+03	5.2611E+03	38.9173E+02	10.2677E+02
23	37.7765E+03	23.3970E+03	12.7137E+03	4.5862E+03	33.3680E+02	8.29723E+01
24	36.0285E+03	21.837E+03	11.5517E+03	4.01640E+02	28.6206E+02	6.7070E+01
25	34.3874E+03	20.3902E+03	10.5007E+03	3.5359E+02	24.5571E+02	5.42316E+01
26	32.8448E+03	19.0508E+03	95.4960E+02	3.14147E+02	21.0775E+02	43.8625E+01
27	31.3930E+03	17.8084E+03	86.8825E+02	2.81516E+02	18.0966E+02	35.4651E+01
28	30.0250E+03	16.6551E+03	79.0769E+02	2.5103E+02	15.5417E+02	28.7148E+01
29	28.7346E+03	15.5836E+03	71.9995E+02	2.21415E+02	13.3513E+02	23.2151E+01
30	27.5162E+03	14.5807E+03	65.5787E+02	1.97801E+02	11.4726E+02	18.0157E+01
31	26.3645E+03	13.6407E+03	59.7505E+02	1.76097E+02	9.86072E+01	15.2398E+01
32	25.2749E+03	12.7797E+03	54.4577E+02	1.57906E+02	8.47736E+01	12.3398E+01
33	24.2430E+03	11.9940E+03	49.6488E+02	1.42994E+02	7.28975E+01	99.0613E+00
34	23.2651E+03	11.2447E+03	45.2777E+02	1.30972E+02	6.24939E+01	80.9913E+00
35	22.3374E+03	10.5459E+03	41.3029E+02	1.21500E+02	53.9385E+01	65.6335E+00
36	21.4568E+03	98.9372E+02	37.6870E+02	1.14276E+02	46.4117E+01	53.1975E+00

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 40 IN. X120 IN.

AIR GAP = 4.0 IN.

X = Y = 0

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	15.5406E+04	15.5406E+04	15.5406E+04	15.5406E+04	15.5406E+04	15.5406E+04
1	14.1242E+04	13.7472E+04	13.3461E+04	12.9321E+04	12.5129E+04	11.6798E+04
2	12.9216E+04	12.2877E+04	11.5957E+04	10.8904E+04	10.1968E+04	88.9290E+03
3	11.8846E+04	11.0649E+04	10.1615E+04	92.6121E+03	84.0374E+03	68.7316E+03
4	10.9792E+04	10.0196E+04	89.6175E+03	79.3364E+03	69.8440E+03	53.6928E+03
5	10.1806E+04	91.1269E+03	79.4233E+03	68.3392E+03	58.4087E+03	42.2621E+03
6	94.7020E+03	83.1715E+03	70.6591E+03	59.1161E+03	49.0739E+03	33.4470E+03
7	88.3187E+03	76.1325E+03	63.0566E+03	51.3083E+03	41.3792E+03	26.5784E+03
8	82.4056E+03	69.8613E+03	56.4147E+03	44.6509E+03	34.9897E+03	21.1859E+03
9	77.4135E+03	64.2428E+03	50.5800E+03	38.9425E+03	29.6541E+03	16.9285E+03
10	72.6914E+03	59.1856E+03	45.4310E+03	34.0258E+03	25.1787E+03	13.5528E+03
11	68.3802E+03	54.6156E+03	40.8699E+03	29.7757E+03	21.4118E+03	10.8673E+03
12	64.4305E+03	50.4726E+03	36.8169E+03	26.0909E+03	18.2321E+03	87.2526E+02
13	60.8010E+03	46.7050E+03	33.2060E+03	22.8884E+03	15.5418E+03	70.1300E+02
14	57.4564E+03	43.2703E+03	29.9814E+03	20.0991E+03	13.2613E+03	56.4192E+02
15	54.3667E+03	40.1320E+03	27.0963E+03	17.6655E+03	11.3249E+03	45.4248E+02
16	51.5057E+03	37.2586E+03	24.5102E+03	15.5390E+03	96.7847E+02	36.5970E+02
17	48.8508E+03	34.6228E+03	22.1888E+03	13.6783E+03	82.7687E+02	29.5038E+02
18	46.3823E+03	32.2012E+03	20.1019E+03	12.0483E+03	70.8247E+02	23.7976E+02
19	44.0828E+03	29.9727E+03	18.2237E+03	10.6188E+03	60.6370E+02	19.2041E+02
20	41.9369E+03	27.9192E+03	16.5312E+03	93.6410E+02	51.9404E+02	15.5040E+02
21	39.9313E+03	26.0245E+03	15.0047E+03	82.6182E+02	44.5112E+02	12.5217E+02
22	38.0537E+03	24.2741E+03	13.6266E+03	72.9272E+02	38.1606E+02	10.1167E+02
23	36.2936E+03	22.6554E+03	12.3812E+03	64.4012E+02	32.7288E+02	81.7630E+01
24	34.6413E+03	21.1568E+03	11.2551E+03	56.8952E+02	28.0803E+02	66.1013E+01
25	33.0882E+03	19.7680E+03	10.2359E+03	50.2833E+02	24.1002E+02	53.4551E+01
26	31.6265E+03	18.4799E+03	93.1299E+02	44.4595E+02	20.6909E+02	43.2400E+01
27	30.2493E+03	17.2842E+03	84.7663E+02	39.3172E+02	17.7692E+02	34.9860E+01
28	28.9502E+03	16.1733E+03	77.1828E+02	34.7837E+02	15.2644E+02	28.3145E+01
29	27.7236E+03	15.1404E+03	70.3028E+02	30.7823E+02	13.1162E+02	22.9204E+01
30	26.5642E+03	14.1794E+03	64.0576E+02	27.2491E+02	11.2733E+02	18.5581E+01
31	25.4672E+03	13.2847E+03	58.3860E+02	24.1281E+02	96.3165E+01	15.0292E+01
32	24.4265E+03	12.4511E+03	53.2329E+02	21.3702E+02	83.3388E+01	12.1739E+01
33	23.4440E+03	11.6740E+03	48.5486E+02	18.9322E+02	71.6792E+01	98.2940E+00
34	22.5101E+03	10.9492E+03	44.2889E+02	16.7764E+02	61.6642E+01	79.9220E+00
35	21.6235E+03	10.2728E+03	40.4136E+02	14.8695E+02	53.0594E+01	64.7746E+00
36	20.7812E+03	96.4118E+02	36.8868E+02	13.1823E+02	45.6644E+01	52.5078E+00

RECTANGULAR SLAB SOURCE = 40 IN. X120 IN.

AIR GAP = 5.0 IN.

X = Y = 0

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	14.2990E+04	14.2990E+04	14.2990E+04	14.2990E+04	14.2990E+04	14.2990E+04
1	13.0627E+04	12.7721E+04	12.4540E+04	12.1179E+04	11.7712E+04	11.0663E+04
2	12.0202E+04	11.4936E+04	10.9170E+04	10.3134E+04	97.0775E+03	85.4278E+03
3	11.0705E+04	10.4020E+04	96.2495E+03	88.3011E+03	80.5841E+03	68.5248E+03
4	10.2685E+04	9.45639E+03	85.2615E+03	75.8958E+03	67.2904E+03	52.2079E+03
5	95.4812E+03	86.2790E+03	75.8179E+03	65.8834E+03	56.4588E+03	41.2170E+03
6	89.0365E+03	78.9563E+03	67.6323E+03	56.9651E+03	47.5504E+03	32.6879E+03
7	83.2403E+03	72.4382E+03	60.4877E+03	49.5419E+03	40.1687E+03	26.0142E+03
8	77.9947E+03	66.6029E+03	54.2164E+03	43.1850E+03	34.0158E+03	20.7595E+03
9	73.2272E+03	61.3538E+03	48.6861E+03	37.7160E+03	28.8629E+03	16.6021E+03
10	68.8770E+03	56.6130E+03	43.7904E+03	32.9930E+03	24.5312E+03	13.3006E+03
11	64.8937E+03	52.3163E+03	39.4425E+03	28.9016E+03	20.8787E+03	10.6710E+03
12	61.2346E+03	48.4104E+03	35.5705E+03	25.3481E+03	17.7912E+03	85.7155E+02
13	57.9640E+03	44.8506E+03	32.1141E+03	22.2548E+03	15.1759E+03	68.9212E+02
14	54.7510E+03	41.5985E+03	29.0223E+03	19.5573E+03	12.9566E+03	55.4656E+02
15	51.8491E+03	38.6213E+03	26.2518E+03	17.2010E+03	11.0705E+03	44.6700E+02
16	49.1952E+03	35.8908E+03	23.7652E+03	15.1399E+03	94.6566E+02	35.9933E+02
17	46.7095E+03	33.3821E+03	21.5302E+03	13.3348E+03	80.9853E+02	29.0283E+02
18	44.3942E+03	31.0738E+03	19.5188E+03	11.7522E+03	69.3279E+02	23.4192E+02
19	42.2339E+03	28.9467E+03	17.7066E+03	10.3632E+03	59.3790E+02	18.9027E+02
20	40.2149E+03	26.9841E+03	16.0721E+03	91.4313E+02	50.8819E+02	15.2637E+02
21	38.3250E+03	25.1710E+03	14.5965E+03	80.7059E+02	43.6196E+02	12.3299E+02
22	36.5533E+03	23.4941E+03	13.2632E+03	71.2705E+02	37.4089E+02	99.6349E+01
23	34.8903E+03	21.9417E+03	12.0574E+03	62.9645E+02	32.0945E+02	80.5390E+01
24	33.3271E+03	20.5031E+03	10.9662E+03	55.6482E+02	27.5447E+02	65.1227E+01
25	31.8560E+03	19.1686E+03	99.7801E+02	49.2000E+02	23.6476E+02	52.6723E+01
26	30.4700E+03	17.9297E+03	90.8247E+02	43.5141E+02	20.3082E+02	42.6136E+01
27	29.1625E+03	16.7767E+03	82.7042E+02	38.4977E+02	17.4453E+02	34.4845E+01
28	27.9291E+03	15.7084E+03	75.3367E+02	34.0702E+02	14.9902E+02	27.9128E+01
29	26.7612E+03	14.7125E+03	68.6487E+02	30.1607E+02	12.8840E+02	22.5967E+01
30	25.6572E+03	13.7852E+03	62.8745E+02	26.7072E+02	11.0764E+02	18.3003E+01
31	24.6118E+03	12.9212E+03	57.0553E+02	23.6554E+02	95.2474E+01	14.8226E+01
32	23.6209E+03	12.1158E+03	52.0380E+02	20.9575E+02	81.9226E+01	12.0082E+01
33	22.6810E+03	11.3646E+03	47.4751E+02	18.5719E+02	70.4773E+01	97.3004E+00
34	21.7896E+03	10.6632E+03	43.3237E+02	16.4615E+02	60.6435E+01	78.6558E+00
35	20.9408E+03	10.0083E+03	39.5454E+02	14.5942E+02	52.1923E+01	63.9133E+00
36	20.1348E+03	93.9656E+02	36.1053E+02	12.9414E+02	44.9274E+01	51.8211E+00

RECTANGULAR SLAB SOURCE = 40 IN. X 120 IN.

0 = 1 = X

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

7 1 3 4 5 6 7

[illegible]

RECTANGULAR SLAB SOURCE = 40 IN. X 120 IN. AIR GAP = 7.0 IN.

0 = A = X

SPECIFIC DOSE RATE (RAD/HR, PER CURIE/SQ.CM.)

TARGET DENSITY

2 1 3 5 7 9 13

93	18.22992E+03	99.3004E+02	55.9717E+02	12.71507E+02	43.50497E+01
94	19.6624E+03	99.0438E+02	57.0117E+02	11.05090E+02	43.50593E+01
95	20.4493E+03	10.1114E+03	41.6433E+02	15.94563E+02	58.64563E+01
96	21.2550E+03	10.1777E+03	41.6406E+02	17.8716E+02	68.1290E+01
97	22.1133E+03	11.1871E+03	49.7366E+02	20.1550E+02	79.1507E+01
98	23.0106E+03	12.2306E+03	59.4936E+02	23.1369E+02	91.9172E+01
99	23.9486E+03	13.0366E+03	59.7206E+02	25.5543E+02	10.6390E+02
00	24.9709E+03	13.9055E+03	65.4402E+02	28.0323E+02	12.4293E+02
01	26.0290E+03	15.8266E+03	71.1870E+02	30.9609E+02	14.8102E+02
02	27.1463E+03	15.8210E+03	78.7409E+02	36.3060E+02	16.8102E+02
03	28.3271E+03	16.8886E+03	86.3980E+02	41.6843E+02	19.5571E+02
04	29.5745E+03	18.0031E+03	94.8270E+02	47.0930E+02	22.7589E+02
05	30.8993E+03	19.2628E+03	10.4118E+03	55.2215E+02	26.7921E+02
06	32.3339E+03	20.9949E+03	13.4361E+03	60.7720E+02	30.8470E+02
07	33.7904E+03	22.2363E+03	15.5667E+03	65.9529E+02	35.9289E+02
08	35.2721E+03	22.5635E+03	13.8138E+03	76.9655E+02	41.9640E+02
09	36.5050E+03	25.2247E+03	15.1212E+03	87.1315E+02	41.9792E+02
10	37.6477E+03	27.1455E+03	16.1715E+03	98.5593E+02	56.9286E+02
11	38.7402E+03	29.5758E+03	18.019E+03	11.1753E+03	66.3674E+02
12	40.0039E+03	31.8150E+03	20.2707E+03	12.6553E+03	75.3502E+02
13	42.0739E+03	32.9296E+03	22.3818E+03	13.6311E+03	90.4463E+02
14	43.5366E+03	35.1796E+03	24.5353E+03	15.2993E+03	10.5461E+03
15	44.8502E+03	36.4787E+03	27.1887E+03	18.1293E+03	12.5481E+03
16	45.5578E+03	41.2927E+03	30.0247E+03	21.0151E+03	14.4438E+03
17	45.5468E+03	44.5716E+03	33.1600E+03	23.6972E+03	15.9072E+03
18	45.6809E+03	48.0474E+03	36.7123E+03	27.1873E+03	19.8071E+03
19	45.8473E+03	51.8423E+03	40.6466E+03	30.9430E+03	23.9261E+03
0	45.9579E+03	55.0007E+03	45.0885E+03	35.0303E+03	27.0266E+03
1	46.7998E+03	60.5888E+03	50.0213E+03	40.0303E+03	32.0455E+03
2	47.4411E+03	65.0411E+03	55.9933E+03	45.0303E+03	37.0600E+03
3	47.0630E+03	71.2312E+03	61.8831E+03	50.7480E+03	44.6604E+03
4	48.4310E+03	77.4396E+03	68.9790E+03	56.4877E+03	50.5182E+03
5	49.3102E+03	84.3546E+03	76.7818E+03	60.5030E+03	62.6119E+03
6	49.869E+03	92.1270E+03	86.2790E+03	67.0499E+03	73.7370E+03
7	50.4236E+03	10.8877E+04	97.7766E+03	80.2824E+03	87.0332E+03
8	51.2968E+03	12.0199E+04	10.8726E+04	90.4020E+03	98.8892E+03
9	52.2116E+04	12.2116E+04	12.2116E+04	12.2116E+04	12.2116E+04

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 40IN.X240IN.

AIR GAP = 0.0IN.

K = 0.0000 Y = 0

SPECIFIC OOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	20.1191E+04	20.1191E+04	20.1191E+04	20.1191E+04	20.1191E+04	20.1191E+04
1	19.0299E+04	17.6431E+04	16.7767E+04	15.8150E+04	14.9436E+04	13.4242E+04
2	17.4734E+04	15.7607E+04	14.2504E+04	12.9258E+04	11.7627E+04	98.2902E+03
3	15.9680E+04	14.0066E+04	12.2833E+04	10.7950E+04	95.1515E+03	74.6077E+03
4	14.6350E+04	12.5385E+04	10.7015E+04	91.3790E+03	78.1926E+03	57.7184E+03
5	13.4707E+04	11.2941E+04	93.9591E+03	76.0544E+03	64.9080E+03	45.1708E+03
6	12.4508E+04	10.2247E+04	82.9738E+03	67.1010E+03	54.2549E+03	35.6225E+03
7	11.5515E+04	92.9496E+03	73.5982E+03	57.9582E+03	45.5771E+03	28.2635E+03
8	10.7528E+04	84.7044E+03	65.5106E+03	50.2422E+03	38.4302E+03	22.4306E+03
9	10.0389E+04	77.5601E+03	58.4770E+03	43.6772E+03	32.4771E+03	17.9463E+03
10	93.9715E+03	71.1264E+03	52.3208E+03	38.0567E+03	27.5422E+03	14.3591E+03
11	88.1726E+03	65.3664E+03	46.9051E+03	33.2216E+03	23.3853E+03	11.5095E+03
12	82.9058E+03	60.1865E+03	42.1212E+03	29.0463E+03	19.0854E+03	92.3862E+02
13	78.1140E+03	55.5107E+03	37.8810E+03	25.4296E+03	16.9304E+03	74.2445E+02
14	73.7284E+03	51.2759E+03	34.1119E+03	22.2889E+03	14.4298E+03	59.7230E+02
15	69.7049E+03	47.4298E+03	30.7535E+03	19.5558E+03	12.3097E+03	48.0806E+02
16	66.0029E+03	43.9276E+03	27.7548E+03	17.1732E+03	10.5093E+03	38.7345E+02
17	62.5874E+03	40.7316E+03	25.0723E+03	15.0929E+03	89.7858E+02	31.2237E+02
18	59.4285E+03	37.8088E+03	22.6688E+03	13.2742E+03	76.7556E+02	25.1822E+02
19	56.5000E+03	35.1310E+03	20.5121E+03	11.6824E+03	65.6533E+02	20.3190E+02
20	53.7793E+03	32.5735E+03	18.5745E+03	10.2877E+03	56.1856E+02	16.4017E+02
21	51.2465E+03	30.4146E+03	16.8316E+03	90.6462E+02	48.1058E+02	13.2445E+02
22	48.8842E+03	28.3352E+03	15.2622E+03	79.9112E+02	41.2057E+02	10.6986E+02
23	46.6768E+03	26.4184E+03	13.8475E+03	70.4819E+02	35.3098E+02	86.474E+01
24	44.6108E+03	24.6493E+03	12.5712E+03	62.1938E+02	30.2686E+02	69.8718E+01
25	42.6758E+03	23.0146E+03	11.4187E+03	54.9041E+02	25.9565E+02	56.4896E+01
26	40.8551E+03	21.5024E+03	10.3772E+03	48.4886E+02	22.2652E+02	45.6819E+01
27	39.1450E+03	20.1019E+03	94.3522E+02	42.8594E+02	19.1066E+02	36.9508E+01
28	37.5347E+03	18.8038E+03	85.8274E+02	37.8623E+02	16.4003E+02	29.8953E+01
29	36.0164E+03	17.5993E+03	78.1071E+02	33.4753E+02	14.0814E+02	24.1923E+01
30	34.5830E+03	16.4807E+03	71.1110E+02	29.6065E+02	12.0938E+02	19.5813E+01
31	33.2282E+03	15.4410E+03	64.7674E+02	26.1932E+02	10.3894E+02	15.8524E+01
32	31.9461E+03	14.4738E+03	59.0121E+02	23.1806E+02	89.2756E+01	12.8361E+01
33	30.7315E+03	13.5735E+03	53.7879E+02	20.5206E+02	76.7327E+01	10.3957E+01
34	29.5797E+03	12.7348E+03	49.0433E+02	18.1709E+02	65.9676E+01	84.2084E+00
35	28.4863E+03	11.9529E+03	44.7322E+02	16.0947E+02	56.7258E+01	68.2236E+00
36	27.4474E+03	11.2235E+03	40.8131E+02	14.2594E+02	48.7895E+01	55.2829E+00

RECTANGULAR SLAB SOURCE = 40IN.X240IN.

AIR GAP = 1.0IN.

K = 0.0000 Y = 0

SPECIFIC OOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	19.6734E+04	19.6734E+04	19.6734E+04	19.6734E+04	19.6734E+04	19.6734E+04
1	17.9330E+04	17.0261E+04	16.1696E+04	15.3648E+04	14.6297E+04	13.2408E+04
2	16.3145E+04	14.9595E+04	13.7024E+04	12.5536E+04	11.5112E+04	97.1530E+03
3	14.9097E+04	13.2981E+04	11.8168E+04	10.4915E+04	93.1922E+03	73.6040E+03
4	13.867E+04	11.9228E+04	10.3059E+04	88.8741E+03	76.6226E+03	57.1133E+03
5	12.6420E+04	10.7589E+04	90.5835E+03	75.9615E+03	63.6255E+03	44.6998E+03
6	11.7166E+04	97.5728E+03	80.0732E+03	65.3349E+03	53.1933E+03	35.2482E+03
7	10.8979E+04	88.8443E+03	71.0904E+03	56.4567E+03	44.6904E+03	27.9423E+03
8	10.1680E+04	81.1636E+03	63.3315E+03	48.9587E+03	37.8852E+03	22.2364E+03
9	95.1335E+03	74.3519E+03	56.5758E+03	42.5756E+03	31.8685E+03	17.7474E+03
10	89.2278E+03	68.2736E+03	50.6567E+03	37.1085E+03	27.0104E+03	14.1967E+03
11	83.8750E+03	62.8216E+03	45.4447E+03	32.4036E+03	22.9349E+03	11.3767E+03
12	79.0028E+03	57.9102E+03	40.8369E+03	28.3395E+03	19.5030E+03	9.5950E+02
13	74.5512E+03	53.4696E+03	36.7494E+03	24.8182E+03	16.6057E+03	73.3571E+02
14	70.4704E+03	49.4420E+03	33.1135E+03	21.7595E+03	14.1539E+03	58.9980E+02
15	66.7179E+03	45.7787E+03	29.8714E+03	19.0970E+03	12.0753E+03	47.4890E+02
16	63.2578E+03	42.4385E+03	26.9746E+03	16.7754E+03	10.3103E+03	38.2522E+02
17	60.0590E+03	39.3864E+03	24.3814E+03	14.7479E+03	88.0945E+02	30.8308E+02
18	57.0947E+03	36.5518E+03	22.0565E+03	12.9768E+03	75.3191E+02	24.8627E+02
19	54.3416E+03	34.0284E+03	19.9691E+03	11.4225E+03	64.4333E+02	20.0593E+02
20	51.7795E+03	31.6732E+03	18.0726E+03	10.0620E+03	55.1495E+02	16.1967E+02
21	49.3903E+03	29.5060E+03	16.4033E+03	88.8556E+02	47.2260E+02	13.0735E+02
22	47.1583E+03	27.5088E+03	14.8813E+03	78.2075E+02	40.4587E+02	10.5600E+02
23	45.0666E+03	25.6660E+03	13.5086E+03	69.0010E+02	34.6754E+02	85.3256E+01
24	43.1118E+03	23.9635E+03	12.2694E+03	60.9061E+02	29.7302E+02	68.9642E+01
25	41.2737E+03	22.3888E+03	11.1498E+03	53.7840E+02	25.4994E+02	55.7558E+01
26	39.5456E+03	20.9307E+03	10.1374E+03	47.5141E+02	21.8782E+02	45.0891E+01
27	37.9185E+03	19.5792E+03	92.2134E+02	41.9912E+02	18.7772E+02	36.4721E+01
28	36.3845E+03	18.3254E+03	83.9180E+02	37.1238E+02	16.1206E+02	29.5089E+01
29	34.9364E+03	17.1610E+03	76.4014E+02	32.8321E+02	13.8440E+02	23.8806E+01
30	33.5678E+03	16.0789E+03	69.5844E+02	29.0461E+02	11.8921E+02	19.3299E+01
31	32.2727E+03	15.0723E+03	63.4039E+02	25.7048E+02	10.2182E+02	15.5497E+01
32	31.0459E+03	14.1392E+03	57.7920E+02	22.7548E+02	87.8212E+01	12.6728E+01
33	29.8825E+03	13.2622E+03	52.6954E+02	20.1491E+02	75.4972E+01	10.2641E+01
34	28.7782E+03	12.4485E+03	48.0645E+02	17.8468E+02	64.9100E+01	83.1481E+00
35	27.7279E+03	11.6893E+03	43.8548E+02	15.8118E+02	55.8339E+01	67.3696E+00
36	26.7310E+03	10.9807E+03	40.0262E+02	14.0125E+02	48.0315E+01	54.5951E+00

RECTANGULAR SLAB SOURCE = 40IN.X240IN.

AIR GAP = 2.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	18.4041E+04	18.4041E+04	18.4041E+04	18.4041E+04	18.4041E+04	18.4041E+04
1	16.6648E+04	15.9680E+04	15.2900E+04	14.6353E+04	14.0056E+04	12.8306E+04
2	15.1852E+04	14.0914E+04	13.0409E+04	12.0530E+04	11.1345E+04	99.0444E+03
3	13.9223E+04	12.5750E+04	11.2941E+04	10.1176E+04	90.9384E+03	72.4809E+03
4	12.8322E+04	11.3109E+04	98.7971E+03	85.7451E+03	74.6280E+03	56.2075E+03
5	11.8806E+04	10.2342E+04	87.0351E+03	73.5982E+03	62.0688E+03	44.0393E+03
6	11.0417E+04	93.0271E+03	77.0748E+03	63.3905E+03	51.9476E+03	34.7492E+03
7	10.2959E+04	84.8738E+03	68.5295E+03	54.8353E+03	43.6772E+03	27.5967E+03
8	96.2837E+03	77.6727E+03	61.1270E+03	47.5938E+03	36.0517E+03	21.9340E+03
9	90.2719E+03	71.2668E+03	54.8667E+03	41.4186E+03	31.1775E+03	17.5078E+03
10	84.8302E+03	65.551E+03	48.9957E+03	36.1228E+03	28.4342E+03	14.0056E+03
11	79.8824E+03	60.3819E+03	43.9942E+03	31.5606E+03	22.4523E+03	11.2236E+03
12	75.3658E+03	55.7300E+03	39.5665E+03	27.6164E+03	19.0981E+03	90.0894E+02
13	71.2284E+03	51.5160E+03	35.6340E+03	24.1966E+03	16.2650E+03	72.3656E+02
14	67.4263E+03	47.6873E+03	32.1322E+03	21.2241E+03	13.0669E+03	50.1986E+02
15	63.9221E+03	44.1993E+03	29.0065E+03	18.6353E+03	11.0331E+03	46.6440E+02
16	60.6841E+03	41.0143E+03	26.2111E+03	16.3767E+03	10.1057E+03	37.7316E+02
17	57.6845E+03	38.0997E+03	23.7066E+03	14.4032E+03	86.3661E+02	30.4106E+02
18	54.8995E+03	35.4276E+03	21.4593E+03	12.6766E+03	73.0577E+02	24.3239E+02
19	52.3085E+03	32.9734E+03	19.4399E+03	11.1643E+03	63.1971E+02	19.7856E+02
20	49.8930E+03	30.7158E+03	17.6231E+03	98.3832E+02	54.1036E+02	15.9701E+02
21	47.6368E+03	28.6355E+03	15.5867E+03	86.7463E+02	46.3407E+02	12.8956E+02
22	45.5258E+03	26.7172E+03	14.5111E+03	76.5252E+02	39.7092E+02	10.4166E+02
23	43.5474E+03	24.9449E+03	13.1794E+03	67.5408E+02	34.0407E+02	86.1603E+01
24	41.6902E+03	23.3059E+03	11.9764E+03	59.6381E+02	29.1925E+02	68.0317E+01
25	39.9443E+03	21.7894E+03	10.8888E+03	52.6824E+02	25.0039E+02	59.0047E+01
26	38.3007E+03	20.3820E+03	99.0477E+02	46.5565E+02	21.6521E+02	44.4041E+01
27	36.7512E+03	19.0773E+03	90.1379E+02	41.1584E+02	18.4499E+02	35.9851E+01
28	35.2886E+03	17.8657E+03	82.0653E+02	36.3993E+02	15.9432E+02	29.1169E+01
29	33.9063E+03	16.7397E+03	74.7464E+02	32.2014E+02	13.6087E+02	23.5650E+01
30	32.5984E+03	15.6923E+03	68.1071E+02	28.4968E+02	11.6925E+02	19.0760E+01
31	31.3595E+03	14.7173E+03	62.0807E+02	25.2264E+02	10.0489E+02	15.4454E+01
32	30.1848E+03	13.8090E+03	56.6078E+02	22.3378E+02	86.3042E+01	12.5004E+01
33	29.0696E+03	12.9623E+03	51.6350E+02	19.7856E+02	74.2775E+01	10.1319E+01
34	28.0101E+03	12.1724E+03	47.1144E+02	17.5298E+02	63.0824E+01	82.0366E+00
35	27.0024E+03	11.4350E+03	43.0030E+02	15.5352E+02	54.9545E+01	66.5142E+00
36	26.0432E+03	10.7462E+03	39.2621E+02	13.7710E+02	47.2845E+01	53.9071E+00

RECTANGULAR SLAB SOURCE = 40IN.X240IN.

AIR GAP = 3.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	17.0177E+04	17.0177E+04	17.0177E+04	17.0177E+04	17.0177E+04	17.0177E+04
1	15.4605E+04	14.9097E+04	14.3621E+04	13.8237E+04	13.2981E+04	12.2936E+04
2	14.1466E+04	13.2450E+04	12.3553E+04	11.5009E+04	10.6919E+04	92.2333E+03
3	13.0207E+04	11.8771E+04	10.7589E+04	97.1067E+03	87.4670E+03	70.7682E+03
4	12.0427E+04	10.7230E+04	96.4727E+03	82.7997E+03	72.3612E+03	55.0510E+03
5	11.1837E+04	97.3142E+03	83.4606E+03	71.0904E+03	60.3275E+03	43.2175E+03
6	10.4221E+04	88.6780E+03	74.0725E+03	61.3488E+03	50.5751E+03	34.1433E+03
7	97.4184E+03	81.0790E+03	65.9784E+03	53.1484E+03	42.5756E+03	27.0986E+03
8	91.3020E+03	74.3388E+03	58.9405E+03	46.1851E+03	35.9562E+03	21.5815E+03
9	85.7727E+03	68.3216E+03	52.7802E+03	40.2330E+03	30.4427E+03	17.2333E+03
10	80.7504E+03	62.9216E+03	47.3596E+03	35.1189E+03	25.8272E+03	13.7899E+03
11	76.1702E+03	58.0539E+03	42.5694E+03	30.7067E+03	21.9482E+03	11.0531E+03
12	71.9773E+03	53.6697E+03	38.3215E+03	26.8875E+03	18.6779E+03	88.7155E+02
13	68.1264E+03	49.6518E+03	34.5631E+03	23.5725E+03	15.9137E+03	71.2869E+02
14	64.5792E+03	46.0126E+03	31.1740E+03	20.6886E+03	13.5723E+03	57.3371E+02
15	61.3026E+03	42.6916E+03	28.1633E+03	18.1749E+03	11.5860E+03	46.1547E+02
16	58.2685E+03	39.6542E+03	25.4677E+03	15.9802E+03	98.9793E+02	37.1795E+02
17	55.4524E+03	36.8706E+03	23.0501E+03	14.0613E+03	84.6171E+02	29.9620E+02
18	52.8330E+03	34.3159E+03	20.8788E+03	12.3815E+03	72.3840E+02	24.1684E+02
19	50.3915E+03	31.9647E+03	18.9260E+03	10.9092E+03	61.9544E+02	19.5007E+02
20	48.1116E+03	29.7996E+03	17.1676E+03	96.1768E+02	53.0549E+02	15.7413E+02
21	45.9787E+03	27.8033E+03	15.5824E+03	84.8361E+02	45.4552E+02	12.7117E+02
22	43.9800E+03	25.9592E+03	14.1521E+03	74.8702E+02	38.9611E+02	10.2689E+02
23	42.1041E+03	24.2640E+03	12.8602E+03	66.1060E+02	33.4084E+02	82.9837E+01
24	40.3408E+03	22.6754E+03	11.6923E+03	58.3933E+02	28.6578E+02	67.0803E+01
25	38.6808E+03	21.2124E+03	10.6358E+03	51.6017E+02	24.5915E+02	54.2436E+01
26	37.1161E+03	19.8553E+03	94.7922E+02	45.6178E+02	21.1093E+02	43.8704E+01
27	35.6392E+03	18.5951E+03	88.1259E+02	40.3426E+02	18.1258E+02	35.4921E+01
28	34.2455E+03	17.4239E+03	80.2690E+02	35.6899E+02	15.5667E+02	28.7210E+01
29	32.9255E+03	16.3345E+03	73.1417E+02	31.5842E+02	13.3761E+02	23.2470E+01
30	31.6723E+03	15.3204E+03	66.6725E+02	27.9596E+02	11.4955E+02	18.8206E+01
31	30.4861E+03	14.3756E+03	60.7974E+02	24.7584E+02	90.8178E+01	15.2403E+01
32	29.3603E+03	13.4948E+03	55.4591E+02	21.9301E+02	84.9673E+01	12.3436E+01
33	28.2907E+03	12.6731E+03	50.6661E+02	19.4302E+02	73.0755E+01	99.9950E+00
34	27.2734E+03	11.9066E+03	46.1923E+02	17.2198E+02	62.8625E+01	81.0211E+00
35	26.3051E+03	11.1895E+03	42.1761E+02	15.2647E+02	54.0887E+01	65.6598E+00
36	25.3826E+03	10.5199E+03	38.5202E+02	13.5349E+02	46.5494E+01	53.2206E+00

RECTANGULAR SLAB SOURCE = 40IN.X240IN.

AIR GAP = 4.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	15.7341E+04	15.7341E+04	15.7341E+04	15.7341E+04	15.7341E+04	15.7341E+04
1	14.3609E+04	13.9223E+04	13.4707E+04	13.0202E+04	12.5750E+04	11.7185E+04
2	13.2069E+04	12.4508E+04	11.6671E+04	10.9411E+04	10.2247E+04	89.0131E+03
3	12.2022E+04	11.2195E+04	10.2542E+04	92.9486E+03	84.1921E+03	68.7641E+03
4	11.3233E+04	10.1677E+04	90.2257E+03	79.5816E+03	69.9422E+03	53.7085E+03
5	10.5462E+04	92.3556E+03	79.9499E+03	68.5295E+03	58.4770E+03	42.2709E+03
6	98.5334E+03	84.9561E+03	71.1264E+03	59.2706E+03	49.1246E+03	33.4525E+03
7	92.3144E+03	77.4788E+03	63.4789E+03	51.4378E+03	41.4186E+03	26.5820E+03
8	86.6995E+03	71.1733E+03	56.8010E+03	44.7621E+03	35.0215E+03	21.1885E+03
9	81.6048E+03	65.5236E+03	50.9370E+03	39.0396E+03	29.6804E+03	16.9304E+03
10	76.9621E+03	60.4371E+03	45.7633E+03	34.1119E+03	25.2009E+03	13.5543E+03
11	72.7150E+03	55.8396E+03	41.1811E+03	29.8529E+03	21.4309E+03	10.8685E+03
12	68.8167E+03	51.6699E+03	37.1098E+03	26.1608E+03	18.2487E+03	87.2621E+02
13	65.2274E+03	47.8768E+03	33.4825E+03	22.9920E+03	15.9564E+03	70.1377E+02
14	61.9134E+03	44.4172E+03	30.2435E+03	20.1574E+03	13.2742E+03	56.4256E+02
15	58.8456E+03	41.2544E+03	27.3448E+03	17.7191E+03	11.3264E+03	45.4301E+02
16	55.9991E+03	38.3870E+03	24.7465E+03	15.5885E+03	96.8879E+02	36.8244E+02
17	53.3519E+03	35.6976E+03	22.4137E+03	13.7241E+03	82.8616E+02	29.5077E+02
18	50.8851E+03	33.2524E+03	20.3163E+03	12.0908E+03	70.4087E+02	23.8009E+02
19	48.5820E+03	31.0007E+03	18.4281E+03	10.6586E+03	60.7131E+02	19.2070E+02
20	46.4277E+03	28.9241E+03	16.7263E+03	94.0091E+02	52.0095E+02	15.5069E+02
21	44.4093E+03	27.0065E+03	15.1909E+03	82.9614E+02	44.5742E+02	12.5238E+02
22	42.5150E+03	25.2334E+03	13.8043E+03	73.2474E+02	38.2180E+02	10.1189E+02
23	40.7345E+03	23.5920E+03	12.5510E+03	64.7000E+02	32.7811E+02	81.7793E+01
24	39.0586E+03	22.0709E+03	11.4172E+03	57.1743E+02	28.1281E+02	66.1156E+01
25	37.4789E+03	20.6599E+03	10.3907E+03	50.4440E+02	24.1439E+02	53.4676E+01
26	35.9880E+03	19.3496E+03	94.6077E+02	44.6935E+02	20.7309E+02	43.2510E+01
27	34.5791E+03	18.1319E+03	86.1768E+02	39.5448E+02	17.8057E+02	34.9956E+01
28	33.2462E+03	16.9992E+03	78.5288E+02	34.9963E+02	15.2978E+02	28.3229E+01
29	31.9836E+03	15.9447E+03	71.5863E+02	30.9809E+02	13.1468E+02	22.9278E+01
30	30.7865E+03	14.9623E+03	65.2821E+02	27.4346E+02	11.3013E+02	18.5646E+01
31	29.6501E+03	14.0469E+03	59.5533E+02	24.3013E+02	97.1723E+01	15.0349E+01
32	28.5709E+03	13.1920E+03	54.3452E+02	21.5318E+02	83.5725E+01	12.1788E+01
33	27.5437E+03	12.3942E+03	49.6081E+02	19.0830E+02	71.8928E+01	98.6729E+00
34	26.5664E+03	11.6491E+03	45.2976E+02	16.9170E+02	61.8492E+01	79.9601E+00
35	25.6353E+03	10.9526E+03	41.3736E+02	15.0066E+02	53.2374E+01	64.8082E+00
36	24.7475E+03	10.3012E+03	37.8000E+02	13.3044E+02	45.8268E+01	52.5370E+00

RECTANGULAR SLAB SOURCE = 40IN.X240IN.

AIR GAP = 5.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	14.5862E+04	14.5862E+04	14.5862E+04	14.5862E+04	14.5862E+04	14.5862E+04
1	13.3084E+04	13.0207E+04	12.6420E+04	12.2593E+04	11.8771E+04	11.1251E+04
2	12.3583E+04	11.7166E+04	11.0535E+04	10.3960E+04	97.5728E+03	85.6040E+03
3	11.4598E+04	10.6069E+04	97.3142E+03	88.8443E+03	80.8590E+03	66.5945E+03
4	10.6674E+04	96.4753E+03	86.1323E+03	76.3844E+03	67.4623E+03	52.2410E+03
5	99.6237E+03	88.0822E+03	76.5597E+03	65.9784E+03	56.5758E+03	41.2353E+03
6	93.3050E+03	80.6710E+03	68.2736E+03	57.1991E+03	47.6351E+03	32.6989E+03
7	87.6071E+03	74.0785E+03	61.0559E+03	49.7337E+03	40.2330E+03	26.0214E+03
8	82.4421E+03	68.1789E+03	54.7273E+03	43.3463E+03	34.0663E+03	20.7644E+03
9	77.7390E+03	62.8729E+03	49.1507E+03	37.8543E+03	28.9037E+03	16.6057E+03
10	73.4396E+03	58.0810E+03	44.2168E+03	33.1135E+03	24.5650E+03	13.3033E+03
11	69.4953E+03	53.7378E+03	39.8366E+03	29.0078E+03	20.9071E+03	10.6731E+03
12	65.8653E+03	49.7889E+03	35.9367E+03	25.4426E+03	17.8135E+03	85.7316E+02
13	62.5150E+03	46.1888E+03	32.4560E+03	22.3398E+03	15.1968E+03	68.9341E+02
14	59.4149E+03	42.8987E+03	29.3428E+03	19.6340E+03	12.9748E+03	55.4758E+02
15	56.5384E+03	39.8855E+03	26.5531E+03	17.2707E+03	11.0866E+03	44.6786E+02
16	53.8644E+03	37.1204E+03	24.0491E+03	15.2036E+03	94.7984E+02	36.0064E+02
17	51.3730E+03	34.5785E+03	21.7482E+03	13.3931E+03	81.1113E+02	29.0343E+02
18	49.0473E+03	32.2380E+03	19.7723E+03	11.8057E+03	69.4403E+02	23.6243E+02
19	46.8722E+03	30.0798E+03	17.9466E+03	10.4125E+03	59.4798E+02	18.9070E+02
20	44.8344E+03	28.0868E+03	16.2598E+03	91.8864E+02	50.9724E+02	15.2675E+02
21	42.9222E+03	26.2441E+03	14.8124E+03	81.1268E+02	43.7012E+02	12.3300E+02
22	41.1250E+03	24.5386E+03	13.4681E+03	71.6400E+02	37.4826E+02	99.6616E+01
23	39.4335E+03	22.9576E+03	12.2520E+03	63.3254E+02	32.1611E+02	80.5651E+01
24	37.8392E+03	21.4912E+03	11.1510E+03	55.9829E+02	27.6050E+02	65.1425E+01
25	36.3346E+03	20.1296E+03	10.1536E+03	49.5107E+02	23.7023E+02	52.6894E+01
26	34.9127E+03	18.8640E+03	92.4934E+02	43.8025E+02	20.3577E+02	42.6284E+01
27	33.5676E+03	17.6868E+03	84.2900E+02	38.7657E+02	17.4904E+02	34.9747E+01
28	32.2935E+03	16.5908E+03	76.8437E+02	34.3191E+02	15.0311E+02	27.9240E+01
29	31.0854E+03	15.5697E+03	70.0806E+02	30.3920E+02	12.9211E+02	22.6084E+01
30	29.9388E+03	14.6176E+03	63.9350E+02	26.9221E+02	11.1102E+02	18.3087E+01
31	28.8493E+03	13.7293E+03	58.3476E+02	23.8550E+02	95.5541E+01	14.8299E+01
32	27.8132E+03	12.9000E+03	53.2653E+02	21.1430E+02	82.2014E+01	12.0145E+01
33	26.8270E+03	12.1252E+03	48.6403E+02	18.7442E+02	70.7305E+01	97.3558E+00
34	25.8874E+03	11.4010E+03	44.4298E+02	16.6215E+02	60.8736E+01	78.9041E+00
35	24.9915E+03	10.7236E+03	40.5949E+02	14.7428E+02	52.6013E+01	63.9612E+00
36	24.1366E+03	10.0898E+03	37.1009E+02	13.0793E+02	45.1172E+01	51.8575E+00

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 40IN.X240IN.

AIR GAP = 6.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	13.5650E+04	13.5650E+04	13.5650E+04	13.5650E+04	13.5650E+04	13.5650E+04
1	12.5096E+04	12.2022E+04	11.8606E+04	11.5519E+04	11.2195E+04	10.5590E+04
2	11.5921E+04	11.0417E+04	10.4605E+04	99.7619E+03	93.0271E+03	82.1520E+03
3	10.7851E+04	10.0369E+04	92.5556E+03	84.8738E+03	77.5601E+03	64.3434E+03
4	10.0803E+04	91.6244E+03	82.2311E+03	73.2658E+03	64.9842E+03	50.7800E+03
5	94.2691E+03	83.0925E+03	73.3066E+03	63.4785E+03	54.6667E+03	40.1420E+03
6	88.4916E+03	77.0206E+03	65.5351E+03	55.1643E+03	46.1365E+03	31.9025E+03
7	83.2592E+03	70.8755E+03	58.7263E+03	48.0980E+03	39.0396E+03	25.4296E+03
8	78.4983E+03	65.3524E+03	52.7309E+03	41.9537E+03	33.1055E+03	20.3180E+03
9	74.1637E+03	60.3673E+03	47.4298E+03	36.6887E+03	28.1235E+03	16.2650E+03
10	70.1603E+03	55.9502E+03	42.7261E+03	32.1322E+03	23.9271E+03	13.0409E+03
11	66.4911E+03	51.7451E+03	38.5401E+03	28.1778E+03	20.3820E+03	10.4696E+03
12	63.1058E+03	48.0036E+03	34.8054E+03	24.7378E+03	17.3825E+03	8.4144E+02
13	59.9735E+03	44.5850E+03	31.4659E+03	21.7344E+03	14.8385E+03	6.7697E+02
14	57.0693E+03	41.4545E+03	28.4741E+03	19.1212E+03	12.6766E+02	5.4498E+02
15	54.3694E+03	38.5823E+03	25.7892E+03	16.8316E+03	10.8381E+03	43.9976E+02
16	51.8542E+03	35.9421E+03	23.3761E+03	14.8268E+03	9.27237E+02	35.3959E+02
17	49.5036E+03	33.5112E+03	21.2043E+03	13.0693E+03	79.3757E+02	28.5515E+02
18	47.3113E+03	31.2697E+03	19.2472E+03	11.5270E+03	67.9862E+02	23.0413E+02
19	45.2549E+03	29.1996E+03	17.4818E+03	10.1723E+03	58.2598E+02	19.6027E+02
20	43.3252E+03	27.2861E+03	15.8876E+03	8.96133E+02	49.9476E+02	15.0253E+02
21	41.5118E+03	25.5145E+03	14.4447E+03	7.93354E+02	42.8394E+02	12.1403E+02
22	39.8051E+03	23.8727E+03	13.1431E+03	70.2107E+02	36.7572E+02	9.81261E+01
23	38.1965E+03	22.3496E+03	11.9630E+03	61.9911E+02	31.5505E+02	7.9374E+01
24	36.6785E+03	20.9352E+03	10.8937E+03	54.8206E+02	27.0897E+02	64.1659E+01
25	35.2440E+03	19.6205E+03	9.92431E+02	48.5027E+02	23.2675E+02	51.9092E+01
26	33.8860E+03	18.3975E+03	90.4481E+02	42.9277E+02	19.9907E+02	42.0051E+01
27	32.6016E+03	17.2585E+03	82.4642E+02	38.0058E+02	17.1802E+02	33.9992E+01
28	31.3838E+03	16.1879E+03	75.2124E+02	33.6587E+02	14.7689E+02	27.5252E+01
29	30.2240E+03	15.2086E+03	68.6222E+02	29.8174E+02	12.6994E+02	22.2896E+01
30	29.1245E+03	14.2855E+03	62.6301E+02	26.4223E+02	10.9225E+02	18.0537E+01
31	28.0816E+03	13.4236E+03	57.1792E+02	23.4198E+02	9.3650E+01	14.6258E+01
32	27.0866E+03	12.6183E+03	52.2145E+02	20.7639E+02	8.0553E+01	11.8511E+01
33	26.1307E+03	11.8655E+03	47.7018E+02	18.4136E+02	6.95897E+01	9.0465E+00
34	25.2346E+03	11.1614E+03	43.5279E+02	16.3333E+02	59.9063E+01	7.78549E+00
35	24.3723E+03	10.5024E+03	39.6393E+02	14.4912E+02	51.5808E+01	63.1203E+00
36	23.5466E+03	9.8542E+02	36.4222E+02	12.8597E+02	44.4210E+01	51.1834E+00

RECTANGULAR SLAB SOURCE = 40IN.X240IN.

AIR GAP = 7.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	12.6548E+04	12.6548E+04	12.6548E+04	12.6548E+04	12.6548E+04	12.6548E+04
1	11.7194E+04	11.4598E+04	11.1837E+04	10.8478E+04	10.6069E+04	10.0217E+04
2	10.8946E+04	10.4221E+04	99.0891E+03	93.8596E+03	89.6788E+03	78.7487E+03
3	10.1706E+04	9.5.1395E+03	88.0822E+03	81.0790E+03	74.3519E+03	62.0733E+03
4	95.2012E+03	87.1095E+03	78.5380E+03	70.2599E+03	62.5499E+03	49.1254E+03
5	89.3484E+03	78.9758E+03	70.2161E+03	61.0559E+03	52.7802E+03	39.0172E+03
6	84.0324E+03	73.5963E+03	62.9216E+03	53.1858E+03	44.6505E+03	31.0806E+03
7	79.2368E+03	67.8629E+03	56.4977E+03	46.4233E+03	37.8543E+03	24.8182E+03
8	74.8395E+03	62.6880E+03	50.8179E+03	40.3932E+03	32.1506E+03	19.3571E+03
9	70.8092E+03	58.0002E+03	45.7787E+03	35.5908E+03	27.3482E+03	15.9137E+03
10	67.1029E+03	53.7399E+03	41.2945E+03	31.1740E+03	23.2935E+03	12.7710E+03
11	63.6843E+03	49.8572E+03	37.2942E+03	27.3673E+03	19.8623E+03	10.2607E+03
12	60.5224E+03	46.3059E+03	33.7175E+03	24.0498E+03	16.9532E+03	8.25193E+02
13	57.5906E+03	43.0617E+03	30.3133E+03	21.1533E+03	14.4826E+03	6.64206E+02
14	54.8657E+03	40.0813E+03	27.6379E+03	18.6207E+03	12.3815E+03	5.35020E+02
15	52.3278E+03	37.3417E+03	25.0536E+03	16.4033E+03	10.5924E+03	43.1239E+02
16	49.9928E+03	34.8193E+03	22.7277E+03	14.4594E+03	90.6739E+02	34.7768E+02
17	47.7444E+03	32.4932E+03	20.6318E+03	12.7373E+03	77.6624E+02	28.0630E+02
18	45.6699E+03	30.3452E+03	18.7410E+03	11.2553E+03	66.9520E+02	22.6545E+02
19	43.7234E+03	28.3590E+03	17.0335E+03	99.3815E+02	57.0574E+02	18.2960E+02
20	41.8843E+03	26.5203E+03	15.4901E+03	87.7925E+02	48.9385E+02	14.7818E+02
21	40.1728E+03	24.8161E+03	14.0937E+03	77.9897E+02	41.9912E+02	11.9467E+02
22	38.5504E+03	23.2305E+03	12.8294E+03	68.6011E+02	36.0436E+02	9.55861E+01
23	37.0193E+03	21.7646E+03	11.6839E+03	60.6772E+02	30.9491E+02	78.1111E+01
24	35.5726E+03	20.4016E+03	10.6451E+03	53.6882E+02	26.5834E+02	63.1860E+01
25	34.2038E+03	19.1317E+03	97.0266E+02	47.5207E+02	22.8404E+02	51.1298E+01
26	32.9073E+03	17.9492E+03	88.4703E+02	42.0753E+02	19.6302E+02	41.3831E+01
27	31.6783E+03	16.8475E+03	80.6979E+02	37.2655E+02	16.8758E+02	33.5026E+01
28	30.5115E+03	15.8197E+03	73.6338E+02	33.0153E+02	14.5116E+02	27.1289E+01
29	29.4030E+03	14.8608E+03	67.2102E+02	29.2580E+02	12.4818E+02	21.9727E+01
30	28.3487E+03	13.9654E+03	61.3662E+02	25.9352E+02	10.7334E+02	17.8002E+01
31	27.3451E+03	13.1287E+03	56.0472E+02	22.9956E+02	92.4064E+01	14.4230E+01
32	26.3890E+03	12.3465E+03	51.2038E+02	20.3943E+02	79.3515E+01	11.6888E+01
33	25.4773E+03	11.6148E+03	46.7919E+02	18.0914E+02	68.4710E+01	94.7472E+00
34	24.6073E+03	10.9299E+03	42.7713E+02	16.0522E+02	58.9579E+01	78.8144E+00
35	23.7765E+03	10.2884E+03	39.1060E+02	14.2459E+02	50.7764E+01	62.2868E+00
36	22.9824E+03	9.6877E+02	35.7634E+02	12.6455E+02	43.7384E+01	50.5154E+00

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 60 IN. X 90 IN.

AIR GAP = 0.0 IN.

$X = Y = 0$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	20.1192E+04	20.1192E+04	20.1192E+04	20.1192E+04	20.1192E+04	20.1192E+04
1	19.2089E+04	18.0016E+04	16.8730E+04	15.8732E+04	14.9788E+04	13.4370E+04
2	10.1743E+04	16.1837E+04	14.4961E+04	13.0659E+04	11.8418E+04	98.506E+03
3	16.9332E+04	14.6070E+04	12.6316E+04	10.9899E+04	96.2258E+03	74.9276E+03
4	15.7311E+04	13.2506E+04	11.1455E+04	93.6665E+03	79.4331E+03	58.0742E+03
5	14.6231E+04	12.0717E+04	90.4863E+03	80.5425E+03	66.2411E+03	45.5426E+03
6	13.6182E+04	11.0395E+04	87.7290E+03	69.6956E+03	55.6298E+03	35.9961E+03
7	12.7100E+04	10.1277E+04	70.4627E+03	60.5922E+03	46.9577E+03	28.6092E+03
8	11.8881E+04	93.1583E+03	70.3983E+03	52.8668E+03	39.7905E+03	22.8318E+03
9	11.1419E+04	85.8819E+03	63.3236E+03	46.2560E+03	33.8180E+03	18.2784E+03
10	10.4622E+04	79.3235E+03	57.0779E+03	40.5627E+03	28.8100E+03	14.6691E+03
11	98.4053E+03	73.3844E+03	51.5365E+03	35.6351E+03	24.5903E+03	11.7957E+03
12	92.7011E+03	67.9845E+03	46.5992E+03	31.3530E+03	21.0213E+03	95.0033E+02
13	87.4503E+03	63.0564E+03	42.1859E+03	27.6199E+03	17.9935E+03	76.6173E+02
14	82.6027E+03	50.5515E+03	38.2300E+03	24.3568E+03	15.4163E+03	61.8577E+02
15	78.1157E+03	54.4179E+03	34.6757E+03	21.4984E+03	13.2236E+03	49.9879E+02
16	73.9527E+03	50.6187E+03	31.4760E+03	18.9898E+03	11.3501E+03	40.4277E+02
17	70.0321E+03	47.1203E+03	28.5908E+03	16.7849E+03	97.4840E+02	32.7182E+02
18	66.4765E+03	43.8937E+03	25.9854E+03	14.8444E+03	83.7750E+02	26.4944E+02
19	63.1119E+03	40.9135E+03	23.6298E+03	13.1348E+03	72.0292E+02	21.4655E+02
20	59.9670E+03	38.1575E+03	21.4978E+03	11.6271E+03	61.9568E+02	17.3989E+02
21	57.0233E+03	35.6058E+03	19.5646E+03	10.2964E+03	53.3125E+02	14.1083E+02
22	54.2642E+03	33.2410E+03	17.8152E+03	91.2109E+02	45.8901E+02	11.4440E+02
23	51.6748E+03	31.0474E+03	16.2265E+03	80.8239E+02	39.5124E+02	92.8575E+01
24	49.2420E+03	29.1039E+03	14.7840E+03	71.6393E+02	34.0298E+02	75.8076E+01
25	46.9537E+03	27.1189E+03	13.4737E+03	63.5139E+02	29.3148E+02	61.1846E+01
26	44.7929E+03	25.3598E+03	12.2829E+03	56.3226E+02	25.2584E+02	48.3392E+01
27	42.7687E+03	23.7233E+03	11.2000E+03	49.9557E+02	21.7673E+02	40.3514E+01
28	40.8533E+03	22.1999E+03	10.2150E+03	44.3168E+02	18.7620E+02	32.7787E+01
29	39.0451E+03	20.7812E+03	93.1671E+02	39.3210E+02	16.1741E+02	26.6316E+01
30	37.3365E+03	19.4591E+03	85.0277E+02	34.8940E+02	13.9452E+02	21.6407E+01
31	35.7209E+03	18.2265E+03	77.5978E+02	30.9699E+02	12.0249E+02	17.5876E+01
32	34.1920E+03	17.0769E+03	70.8301E+02	27.4939E+02	10.3704E+02	14.2935E+01
33	32.7442E+03	16.0042E+03	64.6140E+02	24.4059E+02	89.4450E+01	11.6211E+01
34	31.3722E+03	15.0028E+03	59.0445E+02	21.6696E+02	77.1547E+01	9.64807E+00
35	30.0712E+03	14.0677E+03	53.9219E+02	19.2424E+02	66.5596E+01	76.8223E+00
36	28.8367E+03	13.1941E+03	49.2513E+02	17.0889E+02	57.4248E+01	62.4705E+00

RECTANGULAR SLAB SOURCE = 60 IN. X 90 IN.

AIR GAP = 1.0 IN.

$X = Y = 0$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	20.0028E+04	20.0028E+04	20.0028E+04	20.0028E+04	20.0028E+04	20.0028E+04
1	18.7198E+04	17.6472E+04	16.6519E+04	15.7348E+04	14.8918E+04	13.4022E+04
2	17.3443E+04	15.7329E+04	14.2542E+04	12.9364E+04	11.7724E+04	98.3392E+03
3	16.0486E+04	14.1517E+04	12.4021E+04	10.8758E+04	95.6587E+03	74.7872E+03
4	14.6759E+04	12.8180E+04	10.9055E+04	92.6724E+03	78.9622E+03	60.9481E+03
5	13.8250E+04	11.6724E+04	96.6030E+03	79.6751E+03	65.8433E+03	45.4588E+03
6	12.8831E+04	10.6472E+04	86.0416E+03	68.9354E+03	55.2898E+03	35.9281E+03
7	12.0359E+04	97.9432E+03	76.9477E+03	59.9231E+03	46.6647E+03	28.5531E+03
8	11.2702E+04	90.1165E+03	69.0358E+03	52.2755E+03	39.5365E+03	22.7850E+03
9	10.5750E+04	83.1036E+03	62.0359E+03	45.7319E+03	33.5987E+03	18.2390E+03
10	99.4031E+03	76.7823E+03	55.9697E+03	40.0971E+03	28.6166E+03	14.6359E+03
11	93.6031E+03	71.0564E+03	50.5343E+03	35.2205E+03	24.4209E+03	11.7674E+03
12	88.2676E+03	65.8495E+03	45.6320E+03	30.9834E+03	20.8728E+03	9.7645E+02
13	83.3487E+03	61.0965E+03	41.3637E+03	27.2901E+03	17.8630E+03	76.4145E+02
14	78.8009E+03	56.7470E+03	37.4841E+03	24.0623E+03	15.3037E+03	61.6859E+02
15	74.5855E+03	52.7546E+03	33.9985E+03	21.2352E+03	13.1229E+03	49.8417E+02
16	70.6649E+03	49.0873E+03	30.8608E+03	18.7546E+03	11.2616E+03	40.3037E+02
17	67.0237E+03	45.776E+03	28.0317E+03	16.5747E+03	96.7073E+02	32.6131E+02
18	63.6236E+03	42.5895E+03	25.4771E+03	14.5666E+03	83.0930E+02	26.4054E+02
19	60.4472E+03	39.7086E+03	23.1676E+03	12.7669E+03	71.4308E+02	21.3903E+02
20	57.4752E+03	37.0436E+03	21.0774E+03	11.4771E+03	61.4320E+02	17.3354E+02
21	54.6906E+03	34.5756E+03	19.1839E+03	10.1624E+03	52.8530E+02	14.0546E+02
22	52.0781E+03	32.2877E+03	17.4673E+03	90.0144E+02	45.4873E+02	11.3990E+02
23	49.6242E+03	30.1548E+03	15.9099E+03	79.7558E+02	39.1598E+02	9.24784E+01
24	47.3166E+03	28.1934E+03	14.4960E+03	70.6860E+02	33.7214E+02	75.0480E+01
25	45.1444E+03	26.3613E+03	13.2116E+03	62.6834E+02	29.0453E+02	60.9180E+01
26	43.0975E+03	24.5576E+03	12.0444E+03	55.5641E+02	25.0229E+02	49.4597E+01
27	41.1671E+03	23.0722E+03	10.9830E+03	49.2794E+02	21.5618E+02	40.1646E+01
28	39.3448E+03	21.5960E+03	10.0176E+03	43.7140E+02	18.5827E+02	32.6229E+01
29	37.6232E+03	20.2208E+03	91.3967E+02	38.7840E+02	16.0178E+02	26.5017E+01
30	35.9954E+03	18.7390E+03	83.3932E+02	34.4156E+02	13.8069E+02	21.5325E+01
31	34.4531E+03	17.1737E+03	76.1106E+02	30.3440E+02	11.9663E+02	17.4978E+01
32	32.9966E+03	16.6285E+03	69.4771E+02	27.117E+02	10.2671E+02	14.2307E+01
33	31.6146E+03	15.5977E+03	63.4332E+02	24.0848E+02	88.5467E+01	11.5589E+01
34	30.3041E+03	14.6159E+03	57.9245E+02	21.3624E+02	76.3737E+01	93.9674E+00
35	29.0607E+03	13.7081E+03	52.9030E+02	18.9753E+02	65.8809E+01	76.7751E+00
36	27.8802E+03	12.8599E+03	48.3244E+02	16.8514E+02	56.0352E+01	62.1168E+00

RECTANGULAR SLAB SOURCE = 60 IN. X 90 IN.

AIR GAP = 2.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	19.2818E+04	19.2818E+04	19.2818E+04	19.2818E+04	19.2818E+04	19.2818E+04
1	17.7569E+04	16.9332E+04	16.1258E+04	15.3487E+04	14.6090E+04	13.2509E+04
2	16.3625E+04	15.0932E+04	13.8460E+04	12.6787E+04	11.6105E+04	97.7030E+03
3	15.1234E+04	13.5886E+04	12.0717E+04	10.6852E+04	94.9675E+03	74.4313E+03
4	14.0262E+04	12.3218E+04	10.6303E+04	91.1797E+03	78.1597E+03	57.7377E+03
5	13.0510E+04	11.2329E+04	94.2667E+03	78.4627E+03	65.2215E+03	45.2963E+03
6	12.1789E+04	10.2825E+04	84.0236E+03	67.9267E+03	54.7914E+03	35.8073E+03
7	11.3942E+04	94.4329E+03	75.1875E+03	59.0695E+03	46.2560E+03	28.4601E+03
8	10.6840E+04	86.9551E+03	67.4875E+03	51.5443E+03	39.1957E+03	22.7116E+03
9	10.0379E+04	80.2443E+03	60.7252E+03	45.0998E+03	33.3094E+03	18.1802E+03
10	94.4756E+03	74.1869E+03	54.7500E+03	39.5469E+03	28.3722E+03	14.5881E+03
11	89.0589E+03	68.6736E+03	49.4446E+03	34.7392E+03	24.2117E+03	11.7284E+03
12	84.0716E+03	63.6921E+03	44.7154E+03	30.5607E+03	20.6928E+03	94.4415E+02
13	79.6656E+03	59.1235E+03	40.4862E+03	26.9177E+03	17.7077E+03	76.1472E+02
14	75.2001E+03	54.9388E+03	36.0937E+03	23.735E+03	15.1693E+03	61.4635E+02
15	71.2403E+03	51.0966E+03	33.2858E+03	20.9444E+03	13.0064E+03	49.659E+02
16	67.5564E+03	47.5615E+03	30.2172E+03	18.4970E+03	11.1605E+03	40.1497E+02
17	64.1224E+03	44.3034E+03	27.4498E+03	16.3463E+03	95.8280E+02	32.4846E+02
18	60.9158E+03	41.2958E+03	24.9505E+03	14.4539E+03	82.3288E+02	26.2982E+02
19	57.9167E+03	38.5156E+03	22.6907E+03	12.7869E+03	70.7656E+02	21.3008E+02
20	55.1076E+03	35.9426E+03	20.6452E+03	11.3172E+03	60.8532E+02	17.2607E+02
21	52.4729E+03	33.5586E+03	18.7921E+03	10.0203E+03	52.3493E+02	13.9925E+02
22	49.987E+03	31.3478E+03	17.1120E+03	88.7517E+02	45.0489E+02	11.3470E+02
23	47.6726E+03	29.2956E+03	15.5675E+03	78.6334E+02	38.7784E+02	92.0460E+01
24	45.4833E+03	27.3891E+03	14.2034E+03	69.6884E+02	33.3896E+02	74.6879E+01
25	43.4208E+03	25.6166E+03	12.9460E+03	61.7767E+02	28.7567E+02	60.6184E+01
26	41.4758E+03	23.9680E+03	11.8032E+03	54.7760E+02	24.7720E+02	49.2106E+01
27	39.6399E+03	22.4333E+03	10.7641E+03	48.5790E+02	21.3437E+02	39.9580E+01
28	37.9057E+03	21.0037E+03	98.1871E+02	43.0915E+02	18.3932E+02	32.4512E+01
29	36.2661E+03	19.6717E+03	89.5840E+02	38.2399E+02	15.8531E+02	26.3593E+01
30	34.7148E+03	18.4296E+03	81.7520E+02	33.9242E+02	13.5660E+02	21.4145E+01
31	33.2459E+03	17.2710E+03	74.6195E+02	30.1074E+02	11.7822E+02	17.3999E+01
32	31.8541E+03	16.1898E+03	68.1222E+02	26.7235E+02	10.1594E+02	14.1398E+01
33	30.5344E+03	15.1803E+03	62.2019E+02	23.7239E+02	87.6125E+01	11.4921E+01
34	29.2823E+03	14.2375E+03	56.8058E+02	21.0635E+02	75.5634E+01	93.4130E+00
35	28.0936E+03	13.3565E+03	51.8883E+02	18.7037E+02	65.1784E+01	75.391E+00
36	26.9644E+03	12.5332E+03	47.4003E+02	16.6102E+02	56.2263E+01	61.7405E+00

RECTANGULAR SLAB SOURCE = 60 IN. X 90 IN.

AIR GAP = 3.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	18.1675E+04	18.1675E+04	18.1675E+04	18.1675E+04	18.1675E+04	18.1675E+04
1	16.6698E+04	16.0486E+04	15.4120E+04	14.7761E+04	14.1517E+04	12.9616E+04
2	15.3634E+04	14.3666E+04	13.3298E+04	12.3171E+04	11.3593E+04	96.5052E+03
3	14.2204E+04	12.9763E+04	11.6724E+04	10.4301E+04	92.9550E+03	73.7961E+03
4	13.2125E+04	11.7960E+04	10.3081E+04	88.2556E+03	77.0223E+03	57.3489E+03
5	12.3163E+04	10.7748E+04	91.5921E+03	76.9477E+03	64.3752E+03	45.0360E+03
6	11.5132E+04	98.7893E+03	81.7587E+03	66.6979E+03	54.1347E+03	35.6224E+03
7	10.7887E+04	90.8466E+03	73.2414E+03	58.0516E+03	45.7319E+03	28.3231E+03
8	10.1312E+04	83.7463E+03	65.7969E+03	50.8800E+03	38.7611E+03	22.6072E+03
9	95.3150E+03	77.3574E+03	59.2440E+03	44.3710E+03	32.9569E+03	18.0989E+03
10	89.8212E+03	71.5779E+03	53.4437E+03	38.9212E+03	28.0777E+03	14.5238E+03
11	84.7691E+03	66.3268E+03	48.2867E+03	34.1983E+03	23.9636E+03	11.6770E+03
12	80.1079E+03	61.5384E+03	43.6846E+03	30.0905E+03	20.4824E+03	9.4026E+02
13	75.7948E+03	57.1586E+03	39.5655E+03	26.5074E+03	17.5284E+03	75.8099E+02
14	71.7935E+03	53.1422E+03	35.8694E+03	23.3741E+03	15.0158E+03	61.1880E+02
15	68.0733E+03	49.4507E+03	32.5458E+03	20.6289E+03	12.6747E+03	49.4311E+02
16	64.6071E+03	46.0513E+03	29.5517E+03	18.2194E+03	11.0472E+03	39.9640E+02
17	61.3718E+03	42.9157E+03	26.8504E+03	16.1016E+03	94.8514E+02	32.3317E+02
18	58.3469E+03	40.0191E+03	24.4100E+03	14.2380E+03	81.4836E+02	26.1720E+02
19	55.5155E+03	37.3398E+03	22.2028E+03	12.5962E+03	70.0374E+02	21.1965E+02
20	52.8586E+03	34.8586E+03	20.2044E+03	11.1486E+03	60.2235E+02	17.1747E+02
21	50.3651E+03	32.5585E+03	18.3936E+03	98.7114E+02	51.8045E+02	13.9213E+02
22	48.0212E+03	30.4243E+03	16.7514E+03	87.4310E+02	44.5774E+02	11.2882E+02
23	45.8156E+03	28.4423E+03	15.2611E+03	77.4639E+02	38.3701E+02	91.5594E+01
24	43.7380E+03	26.6002E+03	13.9078E+03	68.6523E+02	33.0361E+02	74.2856E+01
25	41.7789E+03	24.8870E+03	12.6782E+03	60.8586E+02	28.4505E+02	60.2595E+01
26	39.9301E+03	23.2925E+03	11.5805E+03	53.9623E+02	24.5068E+02	48.9358E+01
27	38.1837E+03	21.8077E+03	10.5440E+03	47.8577E+02	21.1140E+02	39.7310E+01
28	36.5327E+03	20.4242E+03	96.1913E+02	42.4521E+02	18.1943E+02	32.2638E+01
29	34.9707E+03	19.1345E+03	87.7736E+02	37.6640E+02	15.8809E+02	26.2046E+01
30	33.4918E+03	17.9315E+03	80.1095E+02	33.4218E+02	13.2169E+02	21.2859E+01
31	32.0906E+03	16.8090E+03	73.1290E+02	29.6018E+02	11.6531E+02	17.2946E+01
32	30.7620E+03	15.7611E+03	66.7695E+02	26.3288E+02	10.0377E+02	14.0531E+01
33	29.5015E+03	14.7824E+03	60.9729E+02	23.3737E+02	86.4456E+01	11.4207E+01
34	28.3048E+03	13.8680E+03	55.6909E+02	20.7529E+02	74.7685E+01	92.8248E+00
35	27.1680E+03	13.0134E+03	50.8740E+02	18.4284E+02	64.4546E+01	75.4550E+00
36	26.0874E+03	12.2144E+03	46.4811E+02	16.3661E+02	55.6002E+01	61.3623E+00

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 60 IN. X 90 IN.

AIR GAP = 4.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	16.9673E+04	16.9673E+04	16.9673E+04	16.9673E+04	16.9673E+04	16.9573E+04
1	15.5938E+04	15.1234E+04	14.6231E+04	14.1079E+04	13.5886E+04	12.5659E+04
2	14.4058E+04	13.6182E+04	12.7585E+04	11.8875E+04	11.0395E+04	94.7637E+03
3	13.3666E+04	12.3517E+04	11.2329E+04	10.1277E+04	90.9011E+03	72.8673E+03
4	12.4471E+04	11.2631E+04	99.5621E+03	86.9954E+03	75.5952E+03	56.7881E+03
5	11.6266E+04	10.3128E+04	88.6942E+03	75.1875E+03	63.3236E+03	44.6682E+03
6	10.8885E+04	94.7361E+03	79.3235E+03	65.2864E+03	53.3307E+03	35.3668E+03
7	10.2202E+04	87.2570E+03	71.1637E+03	56.8950E+03	45.0998E+03	28.1381E+03
8	96.1178E+03	80.5438E+03	64.0036E+03	49.7249E+03	38.2617E+03	22.4691E+03
9	90.5515E+03	74.4832E+03	57.6822E+03	43.5590E+03	32.5430E+03	17.9935E+03
10	85.4385E+03	68.9859E+03	52.0739E+03	38.2300E+03	27.7360E+03	14.4419E+03
11	80.7254E+03	63.9800E+03	47.0783E+03	33.6054E+03	23.6788E+03	11.6125E+03
12	76.3677E+03	59.4066E+03	42.6139E+03	29.5790E+03	20.2432E+03	9.5144E+02
13	72.3276E+03	55.2167E+03	38.6131E+03	26.0639E+03	17.3264E+03	7.5399E+02
14	68.5731E+03	51.3690E+03	35.0166E+03	22.9882E+03	14.6444E+03	60.8570E+02
15	65.0766E+03	47.8284E+03	31.7356E+03	20.2919E+03	12.7287E+03	49.1629E+02
16	61.8141E+03	44.5644E+03	28.8703E+03	17.9245E+03	10.9225E+03	39.7460E+02
17	58.7649E+03	41.5509E+03	26.2385E+03	15.8429E+03	9.7839E+02	32.1538E+02
18	55.9104E+03	38.7647E+03	23.8598E+03	14.0107E+03	8.6569E+02	26.0276E+02
19	53.2345E+03	36.1855E+03	21.7073E+03	12.3962E+03	6.9250E+02	21.0776E+02
20	50.7226E+03	33.7953E+03	19.7578E+03	10.9724E+03	5.9546E+02	17.0771E+02
21	48.3619E+02	31.5782E+03	17.9906E+03	9.71583E+02	5.1221E+02	13.8413E+02
22	46.1407E+03	29.5197E+03	16.3075E+03	8.6060E+02	4.4075E+02	11.2224E+02
23	44.0487E+03	27.6069E+03	14.9322E+03	7.62539E+02	3.79371E+02	9.10193E+01
24	42.0763E+03	25.8289E+03	13.6105E+03	6.75837E+02	3.26626E+02	7.38416E+01
25	40.2149E+03	24.1732E+03	12.4092E+03	5.9139E+02	2.81282E+02	5.9209E+01
26	38.4569E+03	22.6321E+03	11.3171E+03	5.31270E+02	2.42286E+02	4.86358E+01
27	36.7949E+03	21.1964E+03	10.3236E+03	4.71190E+02	2.08738E+02	3.94844E+01
28	35.2227E+03	19.8581E+03	9.41952E+02	4.17986E+02	1.79869E+02	3.20611E+01
29	33.7341E+03	18.6099E+03	8.59652E+02	3.70858E+02	1.55018E+02	2.60380E+01
30	32.3238E+03	17.4493E+03	7.84705E+02	3.29099E+02	1.36222E+02	2.1500E+01
31	30.9866E+03	16.3581E+03	7.16432E+02	2.92089E+02	1.15195E+02	1.71822E+01
32	29.7179E+03	15.3420E+03	6.54222E+02	2.59279E+02	9.93235E+01	1.39407E+01
33	28.5135E+03	14.3942E+03	5.97520E+02	2.30187E+02	8.56492E+01	1.13448E+01
34	27.3694E+03	13.5076E+03	5.45825E+02	2.04387E+02	7.38636E+01	9.22022E+00
35	26.2818E+03	12.6787E+03	4.98684E+02	1.81501E+02	6.37116E+01	74.9440E+00
36	25.2475E+03	11.9034E+03	4.55685E+02	1.61198E+02	5.49586E+01	60.9230E+00

RECTANGULAR SLAB SOURCE = 60 IN. X 90 IN.

AIR GAP = 5.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	15.8117E+04	15.8117E+04	15.8117E+04	15.8117E+04	15.8117E+04	15.8117E+04
1	14.5806E+04	14.2204E+04	13.8250E+04	13.4071E+04	12.9763E+04	12.1041E+04
2	13.5112E+04	12.8831E+04	12.1682E+04	11.4206E+04	10.6742E+04	92.5716E+03
3	12.5703E+04	11.7362E+04	10.7748E+04	9.79432E+03	8.85098E+03	71.6657E+03
4	11.7335E+04	10.7373E+04	9.58831E+03	84.4939E+03	73.9226E+03	56.0586E+03
5	10.9829E+04	9.85682E+03	8.56651E+03	73.2414E+03	62.0959E+03	44.1919E+03
6	10.3046E+04	90.7435E+03	7.67823E+03	63.7312E+03	52.3973E+03	35.0396E+03
7	96.8800E+03	83.7153E+03	69.0010E+03	55.6267E+03	44.3710E+03	27.9034E+03
8	91.2466E+03	77.3859E+03	62.1423E+03	48.6743E+03	37.6810E+03	22.2961E+03
9	86.0772E+03	71.6511E+03	56.0861E+03	42.6781E+03	32.0731E+03	17.8630E+03
10	81.3161E+03	66.4339E+03	50.6606E+03	37.4841E+03	27.3510E+03	14.3448E+03
11	76.9170E+03	61.6712E+03	45.8353E+03	32.9690E+03	23.3633E+03	11.5347E+03
12	72.8407E+03	57.3109E+03	41.5155E+03	29.0326E+03	19.9777E+03	9.29023E+02
13	69.0544E+03	53.3091E+03	37.6388E+03	25.5924E+03	17.1036E+03	74.9142E+02
14	65.5296E+03	49.6285E+03	34.1526E+03	22.5796E+03	14.6566E+03	60.4697E+02
15	62.2419E+03	46.2271E+03	31.0120E+03	19.9367E+03	12.5697E+03	48.8520E+02
16	59.1698E+03	43.1059E+03	28.1784E+03	17.6148E+03	10.7874E+03	39.4953E+02
17	56.2946E+03	40.2138E+03	25.6186E+03	15.5723E+03	9.26330E+02	31.9511E+02
18	53.5998E+03	37.5365E+03	23.3033E+03	13.7737E+03	7.93872E+02	25.8622E+02
19	51.0707E+03	35.0559E+03	21.2072E+03	12.1884E+03	6.84102E+02	20.9439E+02
20	48.6940E+03	32.7534E+03	19.3078E+03	10.7899E+03	5.88268E+02	16.9682E+02
21	46.4581E+03	30.6198E+03	17.5852E+03	9.5536E+02	5.0643E+02	13.7524E+02
22	44.3524E+03	28.6337E+03	16.0220E+03	84.6484E+02	4.35452E+02	11.1499E+02
23	42.3673E+03	26.7909E+03	14.5025E+03	75.0100E+02	3.74817E+02	90.4265E+01
24	40.4941E+03	25.0745E+03	13.3127E+03	66.4870E+02	3.22710E+02	73.3569E+01
25	38.7249E+03	23.4764E+03	12.1402E+03	58.9470E+02	2.77913E+02	59.5244E+01
26	37.0525E+03	21.9877E+03	11.0739E+03	52.2739E+02	2.39386E+02	48.3113E+01
27	35.4704E+03	20.6000E+03	10.1036E+03	46.3659E+02	20.6241E+02	39.2187E+01
28	33.9726E+03	19.3058E+03	9.22051E+02	41.1336E+02	17.7718E+02	31.8435E+01
29	32.5535E+03	18.0983E+03	84.1637E+02	36.4983E+02	15.3165E+02	25.8599E+01
30	31.2080E+03	16.9711E+03	76.8395E+02	32.3908E+02	13.2025E+02	21.0041E+01
31	29.9315E+03	15.9184E+03	70.1658E+02	28.7501E+02	11.3819E+02	17.0627E+01
32	28.7196E+03	14.9350E+03	64.0836E+02	25.5224E+02	9.81373E+01	13.8629E+01
33	27.5683E+03	14.0158E+03	58.5388E+02	22.6602E+02	84.6267E+01	11.2847E+01
34	26.4741E+03	13.1563E+03	53.4827E+02	20.1217E+02	72.9849E+01	91.5465E+00
35	25.4335E+03	12.3525E+03	48.8711E+02	17.8698E+02	62.9516E+01	74.4073E+00
36	24.4429E+03	11.6004E+03	44.6641E+02	15.8716E+02	54.3035E+01	60.4838E+00

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 60 IN. X 90 IN.

AIR GAP = 0.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	14.7425E+04	14.7425E+04	14.7425E+04	14.7425E+04	14.7425E+04	14.7425E+04
1	13.0685E+04	13.0685E+04	13.0685E+04	13.0685E+04	13.0685E+04	13.0685E+04
2	12.0040E+04	12.0040E+04	12.0040E+04	12.0040E+04	12.0040E+04	12.0040E+04
3	11.0393E+04	11.0393E+04	11.0393E+04	11.0393E+04	11.0393E+04	11.0393E+04
4	10.0746E+04	10.0746E+04	10.0746E+04	10.0746E+04	10.0746E+04	10.0746E+04
5	9.1099E+04	9.1099E+04	9.1099E+04	9.1099E+04	9.1099E+04	9.1099E+04
6	8.1452E+04	8.1452E+04	8.1452E+04	8.1452E+04	8.1452E+04	8.1452E+04
7	7.1805E+04	7.1805E+04	7.1805E+04	7.1805E+04	7.1805E+04	7.1805E+04
8	6.2158E+04	6.2158E+04	6.2158E+04	6.2158E+04	6.2158E+04	6.2158E+04
9	5.2511E+04	5.2511E+04	5.2511E+04	5.2511E+04	5.2511E+04	5.2511E+04
10	4.2864E+04	4.2864E+04	4.2864E+04	4.2864E+04	4.2864E+04	4.2864E+04
11	3.3217E+04	3.3217E+04	3.3217E+04	3.3217E+04	3.3217E+04	3.3217E+04
12	2.3570E+04	2.3570E+04	2.3570E+04	2.3570E+04	2.3570E+04	2.3570E+04
13	1.3923E+04	1.3923E+04	1.3923E+04	1.3923E+04	1.3923E+04	1.3923E+04
14	4.6263E+03	4.6263E+03	4.6263E+03	4.6263E+03	4.6263E+03	4.6263E+03
15	3.6616E+03	3.6616E+03	3.6616E+03	3.6616E+03	3.6616E+03	3.6616E+03
16	2.6969E+03	2.6969E+03	2.6969E+03	2.6969E+03	2.6969E+03	2.6969E+03
17	1.7322E+03	1.7322E+03	1.7322E+03	1.7322E+03	1.7322E+03	1.7322E+03
18	7.8662E+02	7.8662E+02	7.8662E+02	7.8662E+02	7.8662E+02	7.8662E+02
19	6.9015E+02	6.9015E+02	6.9015E+02	6.9015E+02	6.9015E+02	6.9015E+02
20	5.9368E+02	5.9368E+02	5.9368E+02	5.9368E+02	5.9368E+02	5.9368E+02
21	4.9721E+02	4.9721E+02	4.9721E+02	4.9721E+02	4.9721E+02	4.9721E+02
22	4.0074E+02	4.0074E+02	4.0074E+02	4.0074E+02	4.0074E+02	4.0074E+02
23	3.0427E+02	3.0427E+02	3.0427E+02	3.0427E+02	3.0427E+02	3.0427E+02
24	2.0780E+02	2.0780E+02	2.0780E+02	2.0780E+02	2.0780E+02	2.0780E+02
25	1.1133E+02	1.1133E+02	1.1133E+02	1.1133E+02	1.1133E+02	1.1133E+02
26	1.1486E+01	1.1486E+01	1.1486E+01	1.1486E+01	1.1486E+01	1.1486E+01
27	1.1839E+01	1.1839E+01	1.1839E+01	1.1839E+01	1.1839E+01	1.1839E+01
28	1.2192E+01	1.2192E+01	1.2192E+01	1.2192E+01	1.2192E+01	1.2192E+01
29	1.2545E+01	1.2545E+01	1.2545E+01	1.2545E+01	1.2545E+01	1.2545E+01
30	1.2898E+01	1.2898E+01	1.2898E+01	1.2898E+01	1.2898E+01	1.2898E+01
31	1.3251E+01	1.3251E+01	1.3251E+01	1.3251E+01	1.3251E+01	1.3251E+01
32	1.3604E+01	1.3604E+01	1.3604E+01	1.3604E+01	1.3604E+01	1.3604E+01
33	1.3957E+01	1.3957E+01	1.3957E+01	1.3957E+01	1.3957E+01	1.3957E+01
34	1.4310E+01	1.4310E+01	1.4310E+01	1.4310E+01	1.4310E+01	1.4310E+01
35	1.4663E+01	1.4663E+01	1.4663E+01	1.4663E+01	1.4663E+01	1.4663E+01
36	1.5016E+01	1.5016E+01	1.5016E+01	1.5016E+01	1.5016E+01	1.5016E+01

RECTANGULAR SLAB SOURCE = 60 IN. X 90 IN.

AIR GAP = 7.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	13.7676E+04	13.7676E+04	13.7676E+04	13.7676E+04	13.7676E+04	13.7676E+04
1	12.7892E+04	12.7892E+04	12.7892E+04	12.7892E+04	12.7892E+04	12.7892E+04
2	11.8108E+04	11.8108E+04	11.8108E+04	11.8108E+04	11.8108E+04	11.8108E+04
3	10.8324E+04	10.8324E+04	10.8324E+04	10.8324E+04	10.8324E+04	10.8324E+04
4	9.8540E+04	9.8540E+04	9.8540E+04	9.8540E+04	9.8540E+04	9.8540E+04
5	8.8756E+04	8.8756E+04	8.8756E+04	8.8756E+04	8.8756E+04	8.8756E+04
6	7.8972E+04	7.8972E+04	7.8972E+04	7.8972E+04	7.8972E+04	7.8972E+04
7	6.9188E+04	6.9188E+04	6.9188E+04	6.9188E+04	6.9188E+04	6.9188E+04
8	5.9404E+04	5.9404E+04	5.9404E+04	5.9404E+04	5.9404E+04	5.9404E+04
9	4.9620E+04	4.9620E+04	4.9620E+04	4.9620E+04	4.9620E+04	4.9620E+04
10	3.9836E+04	3.9836E+04	3.9836E+04	3.9836E+04	3.9836E+04	3.9836E+04
11	3.0052E+04	3.0052E+04	3.0052E+04	3.0052E+04	3.0052E+04	3.0052E+04
12	2.0268E+04	2.0268E+04	2.0268E+04	2.0268E+04	2.0268E+04	2.0268E+04
13	1.0484E+04	1.0484E+04	1.0484E+04	1.0484E+04	1.0484E+04	1.0484E+04
14	9.5199E+03	9.5199E+03	9.5199E+03	9.5199E+03	9.5199E+03	9.5199E+03
15	8.5914E+03	8.5914E+03	8.5914E+03	8.5914E+03	8.5914E+03	8.5914E+03
16	7.6629E+03	7.6629E+03	7.6629E+03	7.6629E+03	7.6629E+03	7.6629E+03
17	6.7344E+03	6.7344E+03	6.7344E+03	6.7344E+03	6.7344E+03	6.7344E+03
18	5.8059E+03	5.8059E+03	5.8059E+03	5.8059E+03	5.8059E+03	5.8059E+03
19	4.8774E+03	4.8774E+03	4.8774E+03	4.8774E+03	4.8774E+03	4.8774E+03
20	3.9489E+03	3.9489E+03	3.9489E+03	3.9489E+03	3.9489E+03	3.9489E+03
21	3.0204E+03	3.0204E+03	3.0204E+03	3.0204E+03	3.0204E+03	3.0204E+03
22	2.0919E+03	2.0919E+03	2.0919E+03	2.0919E+03	2.0919E+03	2.0919E+03
23	1.1634E+03	1.1634E+03	1.1634E+03	1.1634E+03	1.1634E+03	1.1634E+03
24	1.1987E+02	1.1987E+02	1.1987E+02	1.1987E+02	1.1987E+02	1.1987E+02
25	1.2340E+02	1.2340E+02	1.2340E+02	1.2340E+02	1.2340E+02	1.2340E+02
26	1.2693E+02	1.2693E+02	1.2693E+02	1.2693E+02	1.2693E+02	1.2693E+02
27	1.3046E+02	1.3046E+02	1.3046E+02	1.3046E+02	1.3046E+02	1.3046E+02
28	1.3399E+02	1.3399E+02	1.3399E+02	1.3399E+02	1.3399E+02	1.3399E+02
29	1.3752E+02	1.3752E+02	1.3752E+02	1.3752E+02	1.3752E+02	1.3752E+02
30	1.4105E+02	1.4105E+02	1.4105E+02	1.4105E+02	1.4105E+02	1.4105E+02
31	1.4458E+02	1.4458E+02	1.4458E+02	1.4458E+02	1.4458E+02	1.4458E+02
32	1.4811E+02	1.4811E+02	1.4811E+02	1.4811E+02	1.4811E+02	1.4811E+02
33	1.5164E+02	1.5164E+02	1.5164E+02	1.5164E+02	1.5164E+02	1.5164E+02
34	1.5517E+02	1.5517E+02	1.5517E+02	1.5517E+02	1.5517E+02	1.5517E+02
35	1.5870E+02	1.5870E+02	1.5870E+02	1.5870E+02	1.5870E+02	1.5870E+02
36	1.6223E+02	1.6223E+02	1.6223E+02	1.6223E+02	1.6223E+02	1.6223E+02

CODALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 60 IN. X120 IN.

AIR GAP = -0.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	20.1192E+04	20.1192E+04	20.1192E+04	20.1192E+04	20.1192E+04	20.1192E+04
1	19.2947E+04	18.0034E+04	16.8735E+04	15.8734E+04	14.9786E+04	13.4370E+04
2	18.2321E+04	16.2015E+04	14.5014E+04	13.0674E+04	11.8423E+04	98.5410E+03
3	17.0698E+04	14.6503E+04	12.6434E+04	10.9932E+04	95.2338E+03	74.9283E+03
4	15.9423E+04	13.2148E+04	11.1326E+04	93.7155E+03	79.4462E+03	58.0751E+03
5	14.8944E+04	12.1555E+04	98.7200E+03	80.6049E+03	66.2574E+03	45.5437E+03
6	13.9410E+04	11.1395E+04	88.0058E+03	69.7685E+03	55.6483E+03	35.9973E+03
7	13.0719E+04	10.2407E+04	78.7741E+03	60.6734E+03	46.9784E+03	28.6105E+03
8	12.2807E+04	94.3931E+03	70.7368E+03	52.9543E+03	39.6125E+03	22.8331E+03
9	11.5584E+04	87.2000E+03	63.6831E+03	46.3481E+03	33.8410E+03	18.2798E+03
10	10.7982E+04	80.7073E+03	57.4533E+03	40.6581E+03	28.8335E+03	14.6705E+03
11	10.2914E+04	74.8190E+03	51.9231E+03	35.7326E+03	24.6141E+03	11.7971E+03
12	97.3248E+03	69.4574E+03	46.9939E+03	31.4516E+03	21.0452E+03	95.0167E+02
13	92.1608E+03	64.5589E+03	42.5853E+03	27.7188E+03	18.0172E+03	76.6304E+02
14	87.3767E+03	60.0706E+03	38.6314E+03	24.4553E+03	15.4416E+03	61.8703E+02
15	82.9337E+03	55.9478E+03	35.0767E+03	21.5959E+03	13.2465E+03	50.0000E+02
16	78.7980E+03	52.1525E+03	31.8747E+03	19.0858E+03	11.3724E+03	40.4592E+02
17	74.9046E+03	48.6522E+03	28.9854E+03	16.8789E+03	97.6999E+02	32.7291E+02
18	71.3355E+03	45.4155E+03	26.3745E+03	14.9361E+03	83.9831E+02	26.5047E+02
19	67.9608E+03	42.4248E+03	24.0122E+03	13.2239E+03	72.2291E+02	21.4751E+02
20	64.7568E+03	39.6534E+03	21.5724E+03	11.7134E+03	62.1480E+02	17.4079E+02
21	61.8258E+03	37.0850E+03	19.9323E+03	10.3797E+03	53.4951E+02	14.1166E+02
22	59.0323E+03	34.6985E+03	18.1717E+03	92.0119E+02	46.0632E+02	11.4517E+02
23	56.4025E+03	32.4806E+03	16.5729E+03	81.5924E+02	39.6762E+02	9.9285E+01
24	53.9238E+03	30.4178E+03	15.1199E+03	72.3745E+02	34.1844E+02	75.4311E+01
25	51.5849E+03	28.4975E+03	13.7987E+03	64.2156E+02	29.4603E+02	61.2441E+01
26	49.3757E+03	26.7087E+03	12.5967E+03	56.9907E+02	25.3949E+02	49.7370E+01
27	47.2871E+03	25.0412E+03	11.5015E+03	50.5903E+02	21.8951E+02	40.4006E+01
28	45.3105E+03	23.4858E+03	10.5061E+03	44.9183E+02	18.8812E+02	32.8232E+01
29	43.4383E+03	22.0341E+03	95.9823E+02	39.8901E+02	16.2852E+02	26.6718E+01
30	41.6637E+03	20.6786E+03	87.7093E+02	35.4313E+02	14.0483E+02	21.6788E+01
31	39.9801E+03	19.4121E+03	80.1646E+02	31.4762E+02	12.1206E+02	17.6200E+01
32	38.3817E+03	18.2283E+03	73.2845E+02	27.9672E+02	10.4589E+02	14.6495E+01
33	36.8631E+03	17.1212E+03	67.0076E+02	24.8531E+02	9.02620E+01	11.6489E+01
34	35.4194E+03	16.0856E+03	61.2795E+02	22.0890E+02	77.9075E+01	9.7104E+01
35	34.0459E+03	15.1162E+03	56.0507E+02	19.6350E+02	67.2520E+01	77.0261E+00
36	32.7384E+03	14.2087E+03	51.2766E+02	17.4558E+02	58.0605E+01	62.6509E+00

RECTANGULAR SLAB SOURCE = 60 IN. X120 IN.

AIR GAP = 1.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	20.0126E+04	20.0126E+04	20.0126E+04	20.0126E+04	20.0126E+04	20.0126E+04
1	18.7968E+04	17.6904E+04	16.6758E+04	15.7479E+04	14.9990E+04	13.4043E+04
2	17.5095E+04	15.8087E+04	14.2878E+04	12.9510E+04	11.7787E+04	98.3504E+03
3	16.2915E+04	14.2533E+04	12.4422E+04	10.8912E+04	95.7164E+03	74.7952E+03
4	15.1806E+04	12.9391E+04	10.9501E+04	92.8302E+03	79.0167E+03	57.9745E+03
5	14.1776E+04	11.8084E+04	97.0824E+03	79.8346E+03	65.8934E+03	45.4641E+03
6	13.2728E+04	10.8213E+04	86.5391E+03	69.0952E+03	55.3397E+03	35.9328E+03
7	12.4543E+04	99.4994E+03	77.4593E+03	60.0820E+03	46.7127E+03	28.5573E+03
8	11.7109E+04	91.7364E+03	69.5559E+03	52.4328E+03	39.5826E+03	22.7888E+03
9	11.0330E+04	84.7702E+03	62.6203E+03	45.8868E+03	33.6410E+03	18.2425E+03
10	10.4122E+04	78.4820E+03	56.4949E+03	40.2490E+03	28.6591E+03	14.6391E+03
11	98.4161E+03	72.7781E+03	51.0576E+03	35.3690E+03	24.4617E+03	11.7705E+03
12	93.1543E+03	67.5830E+03	46.2110E+03	31.1281E+03	20.9117E+03	94.7915E+02
13	88.2872E+03	62.8351E+03	41.8764E+03	27.4306E+03	17.9002E+03	76.4394E+02
14	83.7728E+03	58.4833E+03	37.9888E+03	24.1984E+03	15.3391E+03	61.7084E+02
15	79.5752E+03	54.4847E+03	34.4939E+03	21.3668E+03	13.1566E+03	49.8627E+02
16	75.6634E+03	50.8025E+03	31.3458E+03	18.8314E+03	11.2936E+03	40.3230E+02
17	72.0107E+03	47.4054E+03	28.5051E+03	16.4966E+03	97.0095E+02	32.6308E+02
18	68.5935E+03	44.2662E+03	25.9382E+03	14.7735E+03	83.3785E+02	26.4216E+02
19	65.3915E+03	41.3610E+03	23.6157E+03	13.0789E+03	71.9988E+02	21.4051E+02
20	62.3863E+03	38.6688E+03	21.5120E+03	11.5840E+03	61.6049E+02	17.3489E+02
21	59.5619E+03	36.1712E+03	19.6046E+03	10.2643E+03	53.0902E+02	14.0670E+02
22	56.9039E+03	33.8518E+03	17.8737E+03	90.9839E+02	45.7094E+02	11.4100E+02
23	54.3995E+03	31.6956E+03	16.3019E+03	80.6763E+02	39.3673E+02	92.5788E+01
24	52.0371E+03	29.6895E+03	14.8734E+03	71.5583E+02	33.9149E+02	75.1363E+01
25	49.8062E+03	27.8216E+03	13.5745E+03	63.4487E+02	29.2235E+02	60.9993E+01
26	47.6975E+03	26.0812E+03	12.3937E+03	56.3486E+02	25.1801E+02	49.5324E+01
27	45.7024E+03	24.4683E+03	11.3169E+03	50.0142E+02	21.7167E+02	40.2301E+01
28	43.8130E+03	22.9442E+03	10.3372E+03	44.4054E+02	18.7260E+02	32.6812E+01
29	42.0223E+03	21.5307E+03	94.4459E+02	39.4339E+02	16.1501E+02	26.5537E+01
30	40.3237E+03	20.2104E+03	86.3102E+02	35.0255E+02	13.9105E+02	21.5787E+01
31	38.7112E+03	18.9766E+03	78.8922E+02	31.1153E+02	12.0166E+02	17.5386E+01
32	37.1794E+03	17.8231E+03	72.1264E+02	27.6463E+02	10.3703E+02	14.5707E+01
33	35.7233E+03	16.7440E+03	65.9535E+02	24.5679E+02	89.4932E+01	11.5911E+01
34	34.3381E+03	15.7343E+03	60.3200E+02	21.8355E+02	77.2405E+01	94.2485E+00
35	33.0176E+03	14.7891E+03	55.1772E+02	19.4096E+02	66.6735E+01	76.6443E+00
36	31.7637E+03	13.9039E+03	50.4813E+02	17.2556E+02	57.5589E+01	62.3357E+00

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 60 IN. X120 IN.

AIR GAP = 2.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	19.3840E+04	19.3840E+04	19.3840E+04	19.3840E+04	19.3840E+04	19.3840E+04
1	17.9560E+04	17.0690E+04	16.2183E+04	15.4107E+04	14.6503E+04	13.2689E+04
2	16.6400E+04	15.2518E+04	13.9335E+04	12.7257E+04	11.6355E+04	97.7711E+03
3	15.4621E+04	13.7619E+04	12.1555E+04	10.7245E+04	94.7473E+03	74.4679E+03
4	14.4106E+04	12.5052E+04	10.7115E+04	91.5241E+03	78.3025E+03	57.7612E+03
5	13.4699E+04	11.4233E+04	95.0550E+03	78.7741E+03	65.3412E+03	45.3133E+03
6	12.6241E+04	10.4776E+04	84.7913E+03	68.2132E+03	54.8953E+03	35.0204E+03
7	11.8595E+04	96.4148E+03	75.9357E+03	59.3362E+03	46.3481E+03	28.4706E+03
8	11.1645E+04	88.9550E+03	68.2167E+03	51.7944E+03	39.2788E+03	22.7204E+03
9	10.5300E+04	82.2518E+03	61.4354E+03	45.3355E+03	33.3050E+03	18.1876E+03
10	99.4808E+03	76.1938E+03	55.4414E+03	39.7697E+03	28.4415E+03	14.5945E+03
11	94.1240E+03	70.6928E+03	50.1170E+03	34.9502E+03	24.2756E+03	11.7340E+03
12	89.1763E+03	65.6778E+03	45.3687E+03	30.7608E+03	20.7519E+03	94.4907E+02
13	84.5927E+03	61.0906E+03	41.1201E+03	27.1075E+03	17.7625E+03	76.1906E+02
14	80.5352E+03	56.8830E+03	37.3083E+03	23.9135E+03	15.2201E+03	61.5020E+02
15	76.3709E+03	53.0142E+03	33.8806E+03	21.1151E+03	13.0536E+03	49.6911E+02
16	72.6720E+03	49.4494E+03	30.7922E+03	18.6588E+03	11.2043E+03	40.1802E+02
17	69.2137E+03	46.1585E+03	28.0049E+03	16.4996E+03	96.2951E+02	32.5119E+02
18	65.9749E+03	43.1164E+03	25.4858E+03	14.5989E+03	82.7063E+02	26.3225E+02
19	62.9366E+03	40.2994E+03	23.2052E+03	12.9241E+03	71.1162E+02	21.3225E+02
20	60.0823E+03	37.6879E+03	21.1411E+03	11.4467E+03	61.1701E+02	17.2801E+02
21	57.3971E+03	35.2640E+03	19.2685E+03	10.1425E+03	52.6502E+02	14.0098E+02
22	54.8677E+03	33.0121E+03	17.5690E+03	89.9031E+02	45.3272E+02	11.3624E+02
23	52.4825E+03	30.9180E+03	16.0255E+03	79.7171E+02	39.0395E+02	92.1831E+01
24	50.2306E+03	28.9690E+03	14.6226E+03	70.7070E+02	33.6269E+02	74.8096E+01
25	48.1024E+03	27.1535E+03	13.3469E+03	62.7330E+02	28.9753E+02	60.7265E+01
26	46.0893E+03	25.4614E+03	12.1860E+03	55.6727E+02	24.9732E+02	49.3064E+01
27	44.1831E+03	23.8803E+03	11.1292E+03	49.4189E+02	21.5286E+02	40.0427E+01
28	42.3767E+03	22.4100E+03	10.1667E+03	43.8772E+02	18.5629E+02	32.5261E+01
29	40.6635E+03	21.0344E+03	92.8969E+02	38.9649E+02	16.0088E+02	26.4253E+01
30	39.0373E+03	19.7492E+03	84.9025E+02	34.6092E+02	13.8084E+02	21.4726E+01
31	37.4927E+03	18.5478E+03	77.6128E+02	30.7460E+02	11.9125E+02	17.4510E+01
32	36.0244E+03	17.4242E+03	70.9633E+02	27.3185E+02	10.2784E+02	14.1847E+01
33	34.6278E+03	16.3729E+03	64.8960E+02	24.2770E+02	88.6973E+01	11.5314E+01
34	33.2984E+03	15.3889E+03	59.3584E+02	21.5773E+02	76.5515E+01	93.7572E+00
35	32.0324E+03	14.4675E+03	54.3027E+02	19.1806E+02	66.0772E+01	76.2397E+00
36	30.8259E+03	13.6043E+03	49.8858E+02	17.0524E+02	57.0430E+01	62.0027E+00

RECTANGULAR SLAB SOURCE = 60 IN. X120 IN.

AIR GAP = 3.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	18.4063E+04	18.4063E+04	18.4063E+04	18.4063E+04	18.4063E+04	18.4063E+04
1	16.9877E+03	16.2915E+04	15.5952E+04	14.9131E+04	14.2533E+04	13.0165E+04
2	15.7390E+04	14.6112E+04	13.4839E+04	12.4119E+04	11.4168E+04	96.7103E+03
3	14.6384E+04	13.2212E+04	11.8084E+04	10.5031E+04	93.3389E+03	73.8972E+03
4	13.6619E+04	12.0403E+04	10.4316E+04	89.8545E+03	77.3085E+03	57.4054E+03
5	12.7892E+04	11.0179E+04	92.7341E+03	77.4593E+03	64.5980E+03	45.0764E+03
6	12.0037E+04	10.1202E+04	82.8275E+03	67.1468E+03	54.3176E+03	35.6513E+03
7	11.2923E+04	93.2560E+03	74.2495E+03	58.6531E+03	45.8868E+03	28.3451E+03
8	10.6444E+04	86.1089E+03	66.7528E+03	51.0518E+03	38.9030E+03	22.6245E+03
9	10.0515E+04	79.6895E+03	60.1539E+03	44.7038E+03	33.0745E+03	18.1129E+03
10	95.0665E+03	73.8765E+03	54.3120E+03	39.2278E+03	28.1822E+03	14.5333E+03
11	90.0412E+03	68.5892E+03	49.1166E+03	34.4821E+03	24.0572E+03	11.6866E+03
12	85.2911E+03	63.7622E+03	44.4787E+03	30.5648E+03	20.5648E+03	94.1086E+02
13	81.0759E+03	59.3417E+03	40.3257E+03	26.7531E+03	17.6049E+03	75.8803E+02
14	77.0613E+03	55.2826E+03	36.5973E+03	23.6036E+03	15.0054E+03	61.2487E+02
15	73.3179E+03	51.5468E+03	33.2428E+03	20.8433E+03	12.9382E+03	49.4837E+02
16	69.8201E+03	48.1017E+03	30.2190E+03	18.4200E+03	11.1051E+03	40.0099E+02
17	66.5459E+03	44.9192E+03	27.4890E+03	16.2894E+03	95.3817E+02	32.3717E+02
18	63.4758E+03	41.9747E+03	25.0208E+03	14.4137E+03	81.9710E+02	26.2071E+02
19	60.5926E+03	39.2468E+03	22.7866E+03	12.7604E+03	70.4820E+02	21.2273E+02
20	57.8811E+03	36.7163E+03	20.7621E+03	11.3024E+03	60.6307E+02	17.2016E+02
21	55.3278E+03	34.3665E+03	18.9259E+03	10.0150E+03	52.1774E+02	13.9450E+02
22	52.9205E+03	32.1823E+03	17.2591E+03	88.7759E+02	44.9188E+02	11.3090E+02
23	50.6483E+03	30.1501E+03	15.7450E+03	78.7201E+02	38.6825E+02	91.7419E+01
24	48.5013E+03	28.2579E+03	14.3686E+03	69.8249E+02	33.3218E+02	74.4457E+01
25	46.4707E+03	26.4947E+03	13.1167E+03	61.9523E+02	28.7116E+02	60.4263E+01
26	44.5482E+03	24.8505E+03	11.9774E+03	54.9016E+02	24.7453E+02	49.0589E+01
27	42.7267E+03	23.3164E+03	10.9401E+03	48.8069E+02	21.3316E+02	39.8388E+01
28	40.9992E+03	21.8841E+03	99.9313E+02	43.3322E+02	18.3926E+02	32.3591E+01
29	39.3597E+03	20.5406E+03	91.3399E+02	38.4894E+02	15.8612E+02	26.2870E+01
30	37.8026E+03	19.2955E+03	83.4893E+02	34.1841E+02	13.6812E+02	21.3508E+01
31	36.3225E+03	18.1261E+03	76.3297E+02	30.3693E+02	11.8026E+02	17.3574E+01
32	34.9147E+03	17.0321E+03	69.7981E+02	26.9848E+02	10.1834E+02	14.1078E+01
33	33.5748E+03	16.0082E+03	63.8376E+02	23.9813E+02	87.8766E+01	11.4682E+01
34	32.2988E+03	15.0495E+03	58.3957E+02	21.3153E+02	75.8425E+01	93.2377E+00
35	31.0828E+03	14.1515E+03	53.4287E+02	19.0484E+02	65.4648E+01	75.8133E+00
36	29.9234E+03	13.3101E+03	48.8914E+02	16.8466E+02	56.5141E+01	61.6328E+00

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 60 IN. X120 IN.

AIR GAP = 4.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	17.3289E+04	17.3289E+04	17.3289E+04	17.3289E+04	17.3289E+04	17.3289E+04
1	16.0089E+04	15.4621E+04	14.8964E+04	14.3263E+04	13.7619E+04	12.6732E+04
2	14.8592E+04	13.9410E+04	12.9812E+04	12.0379E+04	11.1395E+04	95.1916E+03
3	13.8474E+04	12.6622E+04	11.4233E+04	10.2407E+04	91.5577E+03	73.0802E+03
4	12.9484E+04	11.5636E+04	10.1241E+04	87.8963E+03	76.0666E+03	56.9113E+03
5	12.1428E+04	10.6047E+04	90.2072E+03	75.9357E+03	63.6831E+03	44.7473E+03
6	11.4155E+04	97.5766E+03	80.7073E+03	65.9258E+03	53.6172E+03	35.215E+03
7	10.7540E+04	90.0255E+03	72.4430E+03	57.4531E+03	45.3355E+03	28.1780E+03
8	10.1514E+04	83.2442E+03	65.1954E+03	50.2196E+03	38.4601E+03	22.4994E+03
9	95.9782E+03	77.1180E+03	58.7988E+03	44.0027E+03	32.7131E+03	18.0172E+03
10	90.8788E+03	71.5568E+03	53.1245E+03	38.6314E+03	27.8838E+03	14.4609E+03
11	86.1653E+03	66.4881E+03	48.0699E+03	33.9710E+03	23.8086E+03	11.6280E+03
12	81.7952E+03	61.8527E+03	43.5519E+03	29.9137E+03	20.3582E+03	93.6424E+02
13	77.7326E+03	57.6012E+03	39.5020E+03	26.2715E+03	17.4288E+03	75.5067E+02
14	73.9467E+03	53.6924E+03	35.8628E+03	23.2718E+03	14.9361E+03	60.9476E+02
15	70.4113E+03	50.0908E+03	32.5862E+03	20.5540E+03	12.8112E+03	49.2399E+02
16	67.1033E+03	46.7662E+03	29.6307E+03	18.1670E+03	10.9968E+03	39.0110E+02
17	64.0027E+03	43.6923E+03	26.9610E+03	16.0677E+03	94.4552E+02	32.2104E+02
18	61.0919E+03	40.8459E+03	24.5461E+03	14.2192E+03	81.1773E+02	26.1755E+02
19	58.3533E+03	38.2069E+03	22.3593E+03	12.5897E+03	69.8011E+02	21.0976E+02
20	55.7789E+03	35.7573E+03	20.3771E+03	11.1520E+03	60.0459E+02	17.1135E+02
21	53.3504E+03	33.4812E+03	18.5786E+03	98.8257E+02	51.6747E+02	13.8720E+02
22	51.0587E+03	31.3643E+03	16.9455E+03	87.6084E+02	44.4863E+02	11.2490E+02
23	48.8936E+03	29.3937E+03	15.4617E+03	77.6904E+02	38.3103E+02	91.2546E+01
24	46.8461E+03	27.5579E+03	14.1124E+03	68.9161E+02	33.0012E+02	74.0474E+01
25	44.9080E+03	25.8464E+03	12.8849E+03	61.1499E+02	28.4354E+02	60.0946E+01
26	43.0717E+03	24.2497E+03	11.7676E+03	54.2729E+02	24.5073E+02	48.7905E+01
27	41.3305E+03	22.7593E+03	10.7500E+03	48.1806E+02	21.1265E+02	39.6189E+01
28	39.6781E+03	21.3672E+03	98.2295E+02	42.7817E+02	18.2158E+02	32.1776E+01
29	38.1088E+03	20.0662E+03	89.7792E+02	37.9955E+02	15.7091E+02	26.1392E+01
30	36.6172E+03	18.8498E+03	82.0741E+02	33.7513E+02	13.5498E+02	21.2376E+01
31	35.1986E+03	17.7120E+03	75.0459E+02	29.9865E+02	11.6892E+02	17.2580E+01
32	33.8485E+03	16.6471E+03	68.6332E+02	26.6461E+02	10.0857E+02	14.0264E+01
33	32.5628E+03	15.6502E+03	62.7803E+02	23.6816E+02	87.0338E+01	11.4015E+01
34	31.3375E+03	14.7164E+03	57.4367E+02	21.0501E+02	75.1157E+01	92.6916E+00
35	30.1693E+03	13.8415E+03	52.5569E+02	18.7137E+02	64.8380E+01	75.3662E+00
36	29.0548E+03	13.0215E+03	48.0995E+02	16.6388E+02	55.9735E+01	61.2868E+00

RECTANGULAR SLAB SOURCE = 60 IN. X120 IN.

AIR GAP = 5.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	16.2689E+04	16.2689E+04	16.2689E+04	16.2689E+04	16.2689E+04	16.2689E+04
1	15.0709E+04	14.6384E+04	14.1776E+04	13.7020E+04	13.2212E+04	12.2703E+04
2	14.0249E+04	13.2728E+04	12.4552E+04	11.6277E+04	10.8213E+04	93.2912E+03
3	13.1007E+04	12.1042E+04	11.0179E+04	99.4994E+03	89.4852E+03	72.0336E+03
4	12.2758E+04	11.0877E+04	98.0005E+03	85.7235E+03	74.6186E+03	56.2715E+03
5	11.5334E+04	10.1925E+04	87.5479E+03	74.2495E+03	62.6203E+03	44.3268E+03
6	10.8606E+04	9.3638E+03	78.4820E+03	64.5806E+03	52.8087E+03	35.1305E+03
7	10.2474E+04	86.8293E+03	70.5530E+03	56.3574E+03	44.7038E+03	27.9688E+03
8	96.8551E+03	80.3955E+03	63.5715E+03	49.3129E+03	37.9566E+03	22.3447E+03
9	91.6860E+03	74.5638E+03	57.3909E+03	43.2431E+03	32.3056E+03	17.9002E+03
10	86.9127E+03	69.2553E+03	51.8948E+03	37.9888E+03	27.5499E+03	14.3710E+03
11	82.4907E+03	64.4058E+03	46.9896E+03	33.4233E+03	23.5324E+03	11.5580E+03
12	78.3827E+03	59.9621E+03	42.5982E+03	29.4439E+03	20.1280E+03	93.0917E+02
13	74.5568E+03	55.8798E+03	38.6566E+03	25.9665E+03	17.2358E+03	75.0698E+02
14	70.9857E+03	52.1209E+03	35.1111E+03	22.9212E+03	14.7735E+03	60.5989E+02
15	67.6575E+03	48.6532E+03	31.9158E+03	20.2495E+03	12.6736E+03	48.9601E+02
16	64.5162E+03	45.4486E+03	29.0316E+03	17.9018E+03	10.8801E+03	39.5864E+02
17	61.5792E+03	42.4825E+03	26.4243E+03	15.8362E+03	93.4621E+02	32.0281E+02
18	58.8186E+03	39.7336E+03	24.0647E+03	14.0167E+03	80.3305E+02	25.9277E+02
19	56.2203E+03	37.1829E+03	21.9268E+03	12.4123E+03	69.0778E+02	20.9997E+02
20	53.7716E+03	34.8135E+03	19.9879E+03	10.9964E+03	59.4272E+02	17.0159E+02
21	51.4611E+03	32.6104E+03	18.2281E+03	97.4586E+02	51.1447E+02	13.7933E+02
22	49.2786E+03	30.5600E+03	16.6295E+03	86.4065E+02	44.0320E+02	11.1850E+02
23	47.2150E+03	28.6502E+03	15.1765E+03	76.3275E+02	37.9205E+02	90.7281E+01
24	45.2618E+03	26.8701E+03	13.8549E+03	67.9847E+02	32.6666E+02	73.6122E+01
25	43.4114E+03	25.2096E+03	12.6523E+03	60.3292E+02	28.1480E+02	59.7475E+01
26	41.6570E+03	23.6598E+03	11.5572E+03	53.5493E+02	24.2602E+02	48.5033E+01
27	39.9921E+03	22.2124E+03	10.5597E+03	47.5424E+02	20.9140E+02	39.3839E+01
28	38.4110E+03	20.8599E+03	96.5063E+02	42.2184E+02	18.0331E+02	31.9858E+01
29	36.9084E+03	19.5954E+03	88.2186E+02	37.4983E+02	15.5519E+02	25.9823E+01
30	35.4793E+03	18.4126E+03	80.6601E+02	33.3121E+02	13.6145E+02	21.1094E+01
31	34.1192E+03	17.3058E+03	73.7643E+02	29.5985E+02	11.5728E+02	17.1533E+01
32	32.8240E+03	16.2696E+03	67.4711E+02	26.3033E+02	99.6546E+01	13.9408E+01
33	31.5898E+03	15.2991E+03	61.7261E+02	23.3787E+02	86.1710E+01	11.3316E+01
34	30.4130E+03	14.3898E+03	56.4802E+02	20.7823E+02	74.3728E+01	92.1204E+00
35	29.2904E+03	13.5376E+03	51.6887E+02	18.4768E+02	64.1983E+01	74.8996E+00
36	28.2188E+03	12.7385E+03	47.3112E+02	16.4294E+02	55.4226E+01	60.9058E+00

RECTANGULAR SLAB SOURCE = 60 IN. X120 IN.

AIR GAP = 6.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	15.2709E+04	15.2709E+04	15.2709E+04	15.2709E+04	15.2709E+04	15.2709E+04
1	14.1925E+04	13.8474E+04	13.4699E+04	13.0719E+04	12.6622E+04	11.8335E+04
2	13.2446E+04	12.6241E+04	11.9254E+04	11.1996E+04	10.4776E+04	91.0980E+03
3	12.4018E+04	11.5589E+04	10.6047E+04	96.4148E+03	87.2000E+03	70.7908E+03
4	11.6453E+04	10.6209E+04	94.6785E+03	83.4014E+03	73.0082E+03	55.5030E+03
5	10.9613E+04	97.8721E+03	84.8130E+03	72.4430E+03	61.4354E+03	43.9205E+03
6	10.3388E+04	90.4073E+03	76.1938E+03	63.1398E+03	51.9084E+03	34.7809E+03
7	97.6931E+03	83.6805E+03	68.6105E+03	55.1861E+03	44.0027E+03	27.7188E+03
8	92.4591E+03	77.5884E+03	61.9045E+03	48.3462E+03	37.4001E+03	22.1611E+03
9	87.4302E+03	72.6448E+03	55.9478E+03	42.4359E+03	31.8572E+03	17.7625E+03
10	83.1600E+03	66.9877E+03	50.6367E+03	37.3083E+03	27.1844E+03	14.2660E+03
11	79.0097E+03	62.3547E+03	45.8863E+03	32.8452E+03	23.2316E+03	11.4769E+03
12	75.1463E+03	58.1066E+03	41.6260E+03	28.9498E+03	19.8785E+03	92.4581E+02
13	71.5418E+03	54.1854E+03	37.7966E+03	25.5419E+03	17.0276E+03	74.5710E+02
14	68.1717E+03	50.5747E+03	34.3477E+03	22.5549E+03	14.5989E+03	60.2036E+02
15	65.0151E+03	47.2393E+03	31.2363E+03	19.9323E+03	12.5266E+03	48.6451E+02
16	62.0534E+03	44.1532E+03	28.4251E+03	17.6264E+03	10.7558E+03	39.3343E+02
17	59.2702E+03	41.2937E+03	25.8821E+03	15.5964E+03	92.4089E+02	31.3256E+02
18	56.6511E+03	38.5410E+03	23.5789E+03	13.8075E+03	79.4358E+02	25.7646E+02
19	54.1832E+03	36.1773E+03	21.4909E+03	12.2294E+03	68.3162E+02	20.8688E+02
20	51.8549E+03	33.8869E+03	19.5963E+03	10.8263E+03	58.7779E+02	16.9093E+02
21	49.6559E+03	31.7556E+03	17.8758E+03	96.0559E+02	50.5903E+02	13.7065E+02
22	47.5789E+03	29.7708E+03	16.3123E+03	85.1757E+02	43.5581E+02	11.1149E+02
23	45.6093E+03	27.9209E+03	14.8906E+03	75.5517E+02	37.5150E+02	90.1588E+01
24	43.7454E+03	26.1955E+03	13.5970E+03	67.0345E+02	32.3193E+02	73.1534E+01
25	41.9782E+03	24.5852E+03	12.4194E+03	59.4932E+02	27.8503E+02	59.5711E+01
26	40.3013E+03	23.0814E+03	11.3468E+03	52.8139E+02	24.0050E+02	48.1969E+01
27	38.7093E+03	21.6735E+03	10.3695E+03	46.8941E+02	20.6921E+02	39.1386E+01
28	37.1956E+03	20.3627E+03	94.7858E+02	41.6442E+02	17.8451E+02	31.7826E+01
29	35.7564E+03	19.1340E+03	86.6615E+02	36.9946E+02	15.3905E+02	25.8168E+01
30	34.3867E+03	17.9842E+03	79.2502E+02	32.8678E+02	13.2759E+02	20.9745E+01
31	33.0823E+03	16.9078E+03	72.4871E+02	29.2665E+02	11.4536E+02	17.0434E+01
32	31.8394E+03	15.8977E+03	66.3136E+02	25.9573E+02	98.8305E+01	13.8512E+01
33	30.6544E+03	14.9552E+03	60.6767E+02	23.0731E+02	85.2906E+01	11.2586E+01
34	29.5238E+03	14.0699E+03	55.5285E+02	20.5124E+02	73.6158E+01	91.5254E+00
35	28.4447E+03	13.2398E+03	50.8253E+02	18.2284E+02	63.5472E+01	74.4147E+00
36	27.4140E+03	12.4613E+03	46.5276E+02	16.2187E+02	54.8626E+01	60.5106E+00

RECTANGULAR SLAB SOURCE = 60 IN. X120 IN.

AIR GAP = 7.0 IN.

$$X = Y = 0$$

SPECIFIC DOSE RATE (RAD/HR. PER CURIE/SQ.CM.)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	14.3483E+04	14.3483E+04	14.3483E+04	14.3483E+04	14.3483E+04	14.3483E+04
1	13.3787E+04	13.1007E+04	12.7892E+04	12.4543E+04	12.1042E+04	11.3816E+04
2	12.5195E+04	12.0037E+04	11.4039E+04	10.7643E+04	10.1202E+04	88.6948E+03
3	11.7503E+04	11.0330E+04	10.1925E+04	93.2360E+03	84.7702E+03	69.3884E+03
4	11.0561E+04	10.1681E+04	91.3381E+03	80.9844E+03	71.2759E+03	54.6227E+03
5	10.4252E+04	93.9273E+03	82.0543E+03	70.5530E+03	60.1539E+03	43.2348E+03
6	98.4875E+03	86.9361E+03	73.8765E+03	61.6290E+03	50.9327E+03	34.3773E+03
7	93.1944E+03	80.6026E+03	66.6411E+03	53.9573E+03	43.2431E+03	27.4306E+03
8	88.3147E+03	74.8412E+03	60.2140E+03	47.3330E+03	36.7982E+03	21.9500E+03
9	83.8003E+03	69.5817E+03	54.4847E+03	41.5909E+03	31.3735E+03	17.6049E+03
10	79.6112E+03	64.7658E+03	49.3619E+03	36.5973E+03	26.7912E+03	14.1464E+03
11	75.7133E+03	60.3443E+03	44.7694E+03	32.2425E+03	22.9091E+03	11.3850E+03
12	72.0777E+03	56.2797E+03	40.6429E+03	28.4357E+03	19.6120E+03	91.7449E+02
13	68.6800E+03	52.5243E+03	36.9279E+03	25.1013E+03	16.8060E+03	74.0128E+02
14	65.4981E+03	49.0591E+03	33.5775E+03	22.1758E+03	14.4137E+03	59.7636E+02
15	62.5133E+03	45.8536E+03	30.5146E+03	19.6046E+03	12.3711E+03	48.2864E+02
16	59.7090E+03	42.8834E+03	27.8147E+03	17.3424E+03	10.6648E+03	39.0567E+02
17	57.0704E+03	40.1285E+03	25.3348E+03	15.3497E+03	9.3022E+02	31.6037E+02
18	54.5844E+03	37.5702E+03	23.0910E+03	13.5927E+03	78.4985E+02	25.5867E+02
19	52.2394E+03	35.1920E+03	21.0336E+03	12.0421E+03	67.5236E+02	20.7250E+02
20	50.0248E+03	32.9791E+03	19.2038E+03	10.6727E+03	58.1013E+02	16.7941E+02
21	47.9311E+03	30.9184E+03	17.5230E+03	94.6238E+02	50.0142E+02	13.6140E+02
22	45.9498E+03	28.9970E+03	15.9949E+03	83.9211E+02	43.0648E+02	11.0398E+02
23	44.0731E+03	27.2064E+03	14.6047E+03	74.4515E+02	37.0955E+02	89.5508E+01
24	42.2938E+03	25.5348E+03	13.3393E+03	66.0687E+02	31.9608E+02	72.6508E+01
25	40.6054E+03	23.9737E+03	12.1869E+03	58.6448E+02	27.5437E+02	58.9718E+01
26	39.0022E+03	22.5151E+03	11.1349E+03	52.0675E+02	23.7426E+02	47.8752E+01
27	37.4786E+03	21.1514E+03	10.1799E+03	46.2379E+02	20.4703E+02	38.8715E+01
28	36.0266E+03	19.8759E+03	93.0716E+02	41.0895E+02	17.4525E+02	31.5690E+01
29	34.6506E+03	18.6823E+03	85.1110E+02	36.4838E+02	15.2254E+02	25.6432E+01
30	33.3374E+03	17.5648E+03	77.8470E+02	32.4195E+02	13.1342E+02	20.8355E+01
31	32.0861E+03	16.5182E+03	71.2166E+02	28.8113E+02	11.3521E+02	16.9287E+01
32	30.8931E+03	15.5376E+03	65.1428E+02	25.6067E+02	97.7872E+01	13.7579E+01
33	29.7548E+03	14.6158E+03	59.6338E+02	22.7558E+02	84.3948E+01	11.1827E+01
34	28.6683E+03	13.7567E+03	54.5230E+02	20.2417E+02	72.8463E+01	90.9084E+00
35	27.6307E+03	12.9484E+03	49.9478E+02	17.9968E+02	62.8862E+01	73.1272E+00
36	26.6391E+03	12.1900E+03	45.7497E+02	16.0071E+02	54.2945E+01	60.1021E+00

RECTANGULAR SLAB SOURCE = 60IN.X240IN.

AIR GAP = 0.01IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	20.1192E+04	20.1192E+04	20.1192E+04	20.1192E+04	20.1192E+04	20.1192E+04
1	19.2954E+04	18.0037E+04	16.8737E+04	15.8734E+04	14.9788E+04	13.4370E+04
2	18.2490E+04	16.2047E+04	14.5020E+04	13.0675E+04	11.8423E+04	9.85410E+03
3	17.1295E+04	14.6608E+04	12.6453E+04	10.9935E+04	9.62344E+03	74.9283E+03
4	16.0588E+04	13.3344E+04	11.1359E+04	93.7211E+03	79.4471E+03	58.0752E+03
5	15.0719E+04	12.1850E+04	98.7681E+03	80.6127E+03	65.2587E+03	49.5437E+03
6	14.1720E+04	11.1778E+04	88.0873E+03	69.7784E+03	59.6531E+03	35.9974E+03
7	13.3527E+04	10.2871E+04	78.8473E+03	60.6869E+03	46.9802E+03	28.6105E+03
8	12.6054E+04	94.9273E+03	70.8201E+03	52.9672E+03	39.8145E+03	22.8332E+03
9	11.9217E+04	87.7955E+03	63.7749E+03	46.3622E+03	33.8432E+03	18.2798E+03
10	11.2940E+04	81.3555E+03	57.5922E+03	40.4731E+03	28.8358E+03	14.6705E+03
11	10.7158E+04	75.5123E+03	52.0280E+03	35.7483E+03	24.6165E+03	11.7971E+03
12	10.1815E+04	70.1891E+03	47.1035E+03	31.4679E+03	21.0476E+03	9.50173E+02
13	96.8630E+03	65.3230E+03	42.6988E+03	27.7355E+03	18.0196E+03	76.6309E+02
14	92.2616E+03	60.8617E+03	38.7478E+03	24.4723E+03	15.4441E+03	61.8709E+02
15	87.9752E+03	56.7613E+03	35.1954E+03	21.6130E+03	13.2490E+03	50.0005E+02
16	83.9733E+03	52.9841E+03	31.9950E+03	19.1029E+03	11.3768E+03	40.4398E+02
17	80.2300E+03	49.4981E+03	29.1066E+03	16.8961E+03	9.7242E+02	32.7296E+02
18	76.7214E+03	46.2754E+03	26.4961E+03	14.9532E+03	84.0071E+02	26.5052E+02
19	73.4274E+03	43.2917E+03	24.1337E+03	13.2407E+03	72.2525E+02	21.4756E+02
20	70.3299E+03	40.5294E+03	21.9934E+03	11.7300E+03	62.1708E+02	17.4083E+02
21	67.4129E+03	37.9576E+03	20.0524E+03	10.3959E+03	53.5173E+02	14.1171E+02
22	64.6622E+03	35.5716E+03	18.2906E+03	92.1713E+02	46.3846E+02	11.4521E+02
23	62.0648E+03	33.3522E+03	16.6903E+03	81.7479E+02	39.6969E+02	9.29322E+01
24	59.6093E+03	31.2860E+03	15.2356E+03	72.5259E+02	34.2043E+02	75.4346E+01
25	57.2859E+03	29.3607E+03	13.9124E+03	64.3626E+02	29.4793E+02	61.2474E+01
26	55.0834E+03	27.5645E+03	12.7081E+03	57.1311E+02	25.4131E+02	49.7401E+01
27	52.9951E+03	25.8900E+03	11.6116E+03	50.2779E+02	21.9125E+02	40.4034E+01
28	51.0125E+03	24.3256E+03	10.6127E+03	45.0510E+02	18.8978E+02	32.8258E+01
29	49.1286E+03	22.8635E+03	9.70220E+02	40.0178E+02	16.3009E+02	26.6742E+01
30	47.3370E+03	21.4973E+03	8.87207E+02	35.5539E+02	14.0432E+02	21.6790E+01
31	45.6315E+03	20.2189E+03	8.11489E+02	31.5938E+02	12.1347E+02	17.6220E+01
32	44.0069E+03	19.0225E+03	74.2401E+02	28.0797E+02	10.4722E+02	14.3263E+01
33	42.4581E+03	17.9021E+03	67.9340E+02	24.9406E+02	9.03869E+01	11.8446E+01
34	40.9804E+03	16.8526E+03	62.1764E+02	22.1915E+02	7.0248E+01	94.7261E+00
35	39.5696E+03	15.8689E+03	56.9180E+02	19.7326E+02	6.73620E+01	77.0403E+00
36	38.2217E+03	14.9466E+03	52.1141E+02	17.5485E+02	58.1634E+01	62.6638E+00

RECTANGULAR SLAB SOURCE = 60IN.X240IN.

AIR GAP = 1.01IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	20.0141E+04	20.0141E+04	20.0141E+04	20.0141E+04	20.0141E+04	20.0141E+04
1	18.8224E+04	17.7016E+04	16.6806E+04	15.7301E+04	14.9999E+04	13.4045E+04
2	17.5890E+04	15.8338E+04	14.2957E+04	12.9535E+04	11.7795E+04	9.83512E+03
3	16.4363E+04	14.2920E+04	12.4524E+04	10.6938E+04	9.5.7235E+03	74.7957E+03
4	15.3395E+04	12.9856E+04	10.9420E+04	92.8581E+03	79.0233E+03	57.9748E+03
5	14.4445E+04	11.8688E+04	97.2143E+03	79.8432E+03	65.9016E+03	45.4444E+03
6	13.5905E+04	10.8900E+04	86.4808E+03	69.1242E+03	55.3457E+03	35.9331E+03
7	12.8157E+04	10.0254E+04	77.6083E+03	60.1112E+03	46.7184E+03	28.5375E+03
8	12.1097E+04	92.5472E+03	69.7104E+03	52.4420E+03	39.5881E+03	22.7890E+03
9	11.4638E+04	85.6271E+03	62.7788E+03	45.9158E+03	33.4444E+03	18.2472E+03
10	10.8703E+04	79.3746E+03	56.6562E+03	40.2777E+03	28.6643E+03	14.6292E+03
11	10.3231E+04	73.7032E+03	51.2207E+03	35.3974E+03	24.4466E+03	11.7706E+03
12	9.81683E+03	68.5326E+03	46.3751E+03	31.1960E+03	20.9135E+03	94.7929E+02
13	93.4710E+03	63.8041E+03	42.0407E+03	27.4381E+03	17.9043E+03	76.4437E+02
14	89.1009E+03	59.4671E+03	38.1527E+03	24.2253E+03	15.3435E+03	61.7094E+02
15	85.0234E+03	55.4792E+03	34.6568E+03	21.3931E+03	13.1609E+03	49.8637E+02
16	81.2164E+03	51.8043E+03	31.5073E+03	18.9070E+03	11.2977E+03	40.3241E+02
17	77.6493E+03	48.4115E+03	28.6485E+03	16.7216E+03	9.7048E+02	32.6318E+02
18	74.3024E+03	45.2737E+03	26.0957E+03	14.7978E+03	83.4158E+02	26.4235E+02
19	71.1575E+03	42.3675E+03	23.7708E+03	13.1023E+03	71.7354E+02	21.4059E+02
20	68.1972E+03	39.6722E+03	21.6643E+03	11.6047E+03	61.7188E+02	17.3497E+02
21	65.4070E+03	37.1694E+03	19.7540E+03	10.2843E+03	53.1225E+02	14.0677E+02
22	62.7734E+03	34.8431E+03	17.9200E+03	91.1955E+02	45.7400E+02	11.4107E+02
23	60.2846E+03	32.6764E+03	16.4448E+03	80.8799E+02	39.3963E+02	92.5848E+01
24	57.9298E+03	30.6632E+03	15.0128E+03	71.7541E+02	33.9424E+02	75.1439E+01
25	55.6794E+03	28.7832E+03	13.7103E+03	63.6765E+02	29.2313E+02	61.0044E+01
26	53.5846E+03	27.0308E+03	12.3248E+03	56.3234E+02	25.2144E+02	49.5735E+01
27	51.5773E+03	25.3947E+03	11.4493E+03	50.184E+02	21.7398E+02	40.2344E+01
28	49.6703E+03	23.8664E+03	10.4617E+03	44.5700E+02	18.7477E+02	32.6851E+01
29	47.8571E+03	22.4380E+03	95.6526E+02	39.5908E+02	16.3705E+02	26.5572E+01
30	46.1314E+03	21.1022E+03	87.4781E+02	35.1749E+02	13.9501E+02	21.5819E+01
31	44.4877E+03	19.8522E+03	80.0217E+02	31.2973E+02	12.0365E+02	17.5415E+01
32	42.9208E+03	18.6820E+03	73.2164E+02	27.7814E+02	10.3871E+02	14.2596E+01
33	41.4262E+03	17.5898E+03	67.0052E+02	24.6961E+02	89.4495E+01	11.5934E+01
34	39.9933E+03	16.5587E+03	61.3333E+02	21.9549E+02	77.3461E+01	94.2898E+00
35	38.6363E+03	15.5957E+03	56.1327E+02	19.3246E+02	68.0901E+01	76.6639E+00
36	37.3333E+03	14.6925E+03	51.4194E+02	17.3643E+02	57.6848E+01	62.3527E+00

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 60IN.X240IN.

AIR GAP = 2.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	19.4227E+04	19.4227E+04	19.4227E+04	19.4227E+04	19.4227E+04	19.4227E+04
1	18.0418E+04	17.1295E+04	16.2519E+04	15.4295E+04	14.6608E+04	13.2722E+04
2	16.8205E+04	15.3269E+04	13.9643E+04	12.7384E+04	11.6407E+04	97.7798E+03
3	15.7103E+04	13.8484E+04	12.1850E+04	10.7344E+04	94.7808E+03	74.4717E+03
4	14.7126E+04	12.6003E+04	10.7397E+04	91.6075E+03	78.3270E+03	57.7634E+03
5	13.8287E+04	11.5248E+04	95.3291E+03	78.8473E+03	65.3607E+03	45.3147E+03
6	13.0250E+04	10.5841E+04	85.0579E+03	68.2792E+03	54.9116E+03	35.8214E+03
7	12.2973E+04	9.75170E+03	76.1956E+03	59.3967E+03	46.3622E+03	28.4714E+03
8	11.6329E+04	90.0860E+03	68.4705E+03	51.8506E+03	39.2912E+03	22.7210E+03
9	11.0241E+04	83.4044E+03	61.6835E+03	45.3881E+03	33.7961E+03	18.1881E+03
10	10.4639E+04	77.3621E+03	55.6839E+03	39.8192E+03	28.4516E+03	14.5949E+03
11	99.4660E+03	71.8718E+03	50.3540E+03	34.9971E+03	24.2849E+03	11.7343E+03
12	94.6732E+03	66.8633E+03	45.6002E+03	30.8052E+03	20.7604E+03	94.4939E+02
13	90.2199E+03	62.2791E+03	41.3462E+03	27.1498E+03	17.7704E+03	76.1534E+02
14	86.0711E+03	58.0714E+03	37.5290E+03	23.9388E+03	15.2274E+03	61.5044E+02
15	82.1970E+03	54.1997E+03	34.0556E+03	21.1534E+03	13.0604E+03	49.6933E+02
16	78.5718E+03	50.6297E+03	31.0019E+03	18.6954E+03	11.2107E+03	40.1822E+02
17	75.1730E+03	47.3318E+03	28.2092E+03	16.5344E+03	96.2966E+02	32.5136E+02
18	71.9808E+03	44.2802E+03	25.6845E+03	14.6322E+03	82.7620E+02	26.3241E+02
19	68.9777E+03	41.4523E+03	23.3994E+03	12.9558E+03	71.1602E+02	21.3239E+02
20	66.1483E+03	38.8285E+03	21.3287E+03	11.4769E+03	61.2268E+02	17.2814E+02
21	63.4789E+03	36.3910E+03	19.4505E+03	10.1715E+03	52.6956E+02	14.0109E+02
22	60.9571E+03	34.1243E+03	17.7455E+03	90.1771E+02	45.3697E+02	11.5635E+02
23	58.5719E+03	32.0143E+03	16.1964E+03	79.9777E+02	39.0752E+02	92.0192E+01
24	56.3133E+03	30.0484E+03	14.7881E+03	70.9548E+02	33.6640E+02	74.0181E+01
25	54.1722E+03	28.2184E+03	13.5068E+03	62.9684E+02	29.0099E+02	60.7341E+01
26	52.1507E+03	26.5049E+03	12.3406E+03	55.8961E+02	25.0059E+02	49.3135E+01
27	50.2107E+03	24.9077E+03	11.2784E+03	49.5297E+02	21.5587E+02	40.4899E+01
28	48.3760E+03	23.4152E+03	10.3155E+03	44.0779E+02	18.5909E+02	32.5316E+01
29	46.6302E+03	22.0197E+03	94.2825E+02	39.1549E+02	16.0348E+02	26.4303E+01
30	44.9673E+03	20.7142E+03	86.2363E+02	34.7889E+02	13.8326E+02	21.4771E+01
31	43.3830E+03	19.4922E+03	78.8957E+02	30.9157E+02	11.9349E+02	17.4550E+01
32	41.8715E+03	18.3478E+03	72.1962E+02	27.4788E+02	10.2992E+02	14.5363E+01
33	40.4288E+03	17.2755E+03	66.0800E+02	24.4281E+02	88.8900E+01	11.5346E+01
34	39.0506E+03	16.2704E+03	60.4943E+02	21.7197E+02	76.7299E+01	93.7855E+00
35	37.7332E+03	15.3278E+03	55.3917E+02	19.3167E+02	66.2420E+01	76.2650E+00
36	36.4734E+03	14.4434E+03	50.7291E+02	17.1785E+02	57.1952E+01	62.0233E+00

RECTANGULAR SLAB SOURCE = 60IN.X240IN.

AIR GAP = 3.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

2	.1	.3	.5	.7	.9	1.3
0	18.5468E+04	18.5468E+04	18.5468E+04	18.5468E+04	18.5468E+04	18.5468E+04
1	17.2102E+04	16.4363E+04	15.6889E+04	14.9734E+04	14.2920E+04	13.0324E+04
2	16.0334E+04	14.7505E+04	13.9542E+04	12.4472E+04	11.3339E+04	96.7504E+03
3	14.9930E+04	13.3700E+04	11.8488E+04	10.5274E+04	93.4361E+03	73.9138E+03
4	14.0645E+04	12.1897E+04	10.4645E+04	90.0390E+03	77.3727E+03	57.4173E+03
5	13.2355E+04	11.1675E+04	93.2100E+03	77.6083E+03	64.6445E+03	45.0809E+03
6	12.4638E+04	10.2646E+04	83.2641E+03	67.2723E+03	54.3536E+03	35.6543E+03
7	11.8008E+04	94.7257E+03	74.5555E+03	58.5618E+03	45.9158E+03	28.3472E+03
8	11.1767E+04	87.5912E+03	67.1340E+03	51.1480E+03	38.9272E+03	22.6260E+03
9	10.6032E+04	81.1625E+03	60.5141E+03	44.7902E+03	33.0952E+03	18.1141E+03
10	10.0743E+04	75.3382E+03	54.4541E+03	39.3063E+03	28.2001E+03	14.5363E+03
11	95.6555E+03	70.0380E+03	49.4428E+03	34.5541E+03	24.0731E+03	11.6874E+03
12	91.3295E+03	65.1944E+03	44.7905E+03	30.4297E+03	20.5809E+03	94.1151E+02
13	87.1683E+03	60.7630E+03	40.6245E+03	26.8147E+03	17.6175E+03	75.8897E+02
14	83.1700E+03	56.6842E+03	36.8840E+03	23.6610E+03	15.0969E+03	61.2533E+02
15	79.4873E+03	52.9304E+03	33.5181E+03	20.8969E+03	12.9486E+03	49.4877E+02
16	76.0372E+03	49.4644E+03	30.4837E+03	18.4702E+03	11.1125E+03	40.0133E+02
17	72.7984E+03	46.2640E+03	27.7395E+03	16.3365E+03	99.4686E+02	32.3747E+02
18	69.7531E+03	43.2988E+03	25.2656E+03	14.4579E+03	82.9508E+02	26.2097E+02
19	66.8852E+03	40.5493E+03	23.0221E+03	12.8022E+03	70.5553E+02	21.2297E+02
20	64.1804E+03	37.9948E+03	20.9487E+03	11.3416E+03	60.6982E+02	17.2031E+02
21	61.6241E+03	35.6236E+03	19.1439E+03	10.0519E+03	52.2394E+02	13.9488E+02
22	59.2109E+03	33.4146E+03	17.4687E+03	89.1230E+02	44.9742E+02	11.3166E+02
23	56.9244E+03	31.3411E+03	15.9459E+03	73.4070E+02	38.7355E+02	91.7540E+01
24	54.7574E+03	29.4449E+03	14.5623E+03	70.1328E+02	33.3707E+02	74.4582E+01
25	52.7016E+03	27.7016E+03	13.3027E+03	62.2422E+02	28.7547E+02	60.4374E+01
26	50.7492E+03	25.9864E+03	12.1540E+03	55.2545E+02	24.7869E+02	49.0688E+01
27	48.8934E+03	24.4294E+03	11.1114E+03	49.0637E+02	21.3700E+02	39.8475E+01
28	47.1277E+03	22.9724E+03	10.1595E+03	43.5768E+02	18.4281E+02	32.3658E+01
29	45.4445E+03	21.6033E+03	92.9154E+02	38.7120E+02	15.8942E+02	26.2996E+01
30	43.8442E+03	20.3337E+03	84.9987E+02	34.3974E+02	13.7113E+02	21.3449E+01
31	42.3161E+03	19.1392E+03	77.7749E+02	30.5697E+02	11.8303E+02	17.3628E+01
32	40.8576E+03	18.0202E+03	71.1811E+02	27.1729E+02	10.2089E+02	14.1125E+01
33	39.4645E+03	16.9713E+03	65.1403E+02	24.1577E+02	88.1112E+01	11.4724E+01
34	38.1338E+03	15.9878E+03	59.1609E+02	21.4807E+02	76.0583E+01	93.2750E+00
35	36.8594E+03	15.0651E+03	54.4363E+02	19.1033E+02	65.6430E+01	75.8442E+00
36	35.6409E+03	14.1992E+03	50.0443E+02	16.9916E+02	56.6960E+01	61.6819E+00

COBALT 60 SOURCE

RECTANGULAR SLAB SOURCE = 60IN.X240IN.

AIR GAP = 4.0IN.

K = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	17.6037E+04	17.6037E+04	17.6037E+04	17.6037E+04	17.6037E+04	17.6037E+04
1	16.3571E+04	15.7103E+04	15.0719E+04	14.4498E+04	13.8484E+04	12.7154E+04
2	15.2667E+04	14.1720E+04	13.1094E+04	12.1082E+04	11.1776E+04	95.3045E+03
3	14.3027E+04	12.8810E+04	11.5248E+04	10.2871E+04	91.7882E+03	73.1233E+03
4	13.4424E+04	11.7730E+04	10.2088E+04	88.2325E+03	76.1992E+03	56.9319E+02
5	12.6684E+04	10.8066E+04	90.9388E+03	76.1956E+03	63.7749E+03	44.7587E+03
6	11.9669E+04	99.5332E+03	81.3555E+03	66.1361E+03	53.6850E+03	35.4285E+03
7	11.3275E+04	91.9276E+03	73.0276E+03	57.6290E+03	45.3881E+03	28.1827E+03
8	10.7417E+04	85.0976E+03	65.7296E+03	50.3703E+03	38.5024E+03	22.5027E+03
9	10.2025E+04	78.9270E+03	59.2923E+03	44.1342E+03	32.7480E+03	18.0196E+03
10	97.0444E+03	73.3246E+03	53.5837E+03	38.7478E+03	27.9132E+03	14.4628E+03
11	92.4272E+03	68.2189E+03	48.4998E+03	34.0755E+03	23.8338E+03	11.8295E+03
12	88.1346E+03	63.5442E+03	43.9562E+03	30.0380E+03	20.3801E+03	9.6543E+02
13	84.1332E+03	59.2568E+03	39.8836E+03	26.4573E+03	17.4480E+03	75.5164E+02
14	80.3943E+03	55.3129E+03	36.2241E+03	23.3504E+03	14.9532E+03	60.3557E+02
15	76.8934E+03	51.6771E+03	32.9290E+03	20.6262E+03	12.8263E+03	49.2467E+02
16	73.6090E+03	48.3189E+02	29.9567E+03	18.2337E+03	11.0104E+03	39.8175E+02
17	70.5222E+03	45.2117E+03	27.2712E+03	16.1294E+03	94.5776E+02	32.2152E+02
18	67.6164E+03	42.3325E+03	24.8418E+03	14.2764E+03	81.2879E+02	26.0796E+02
19	64.8769E+03	39.6609E+03	22.6413E+03	12.6429E+03	69.9014E+02	21.1232E+02
20	62.2907E+03	37.1791E+03	20.6462E+03	11.2016E+03	60.1370E+02	17.1166E+02
21	59.8495E+03	34.8709E+03	18.8355E+03	99.2879E+02	51.7576E+02	13.8755E+02
22	57.5320E+03	32.7221E+03	17.1909E+03	88.0397E+02	44.5619E+02	11.2521E+02
23	55.3395E+03	30.7198E+03	15.6960E+03	78.0931E+02	38.3793E+02	91.2769E+01
24	53.2599E+03	28.8526E+03	14.3363E+03	69.2923E+02	33.0643E+02	74.0654E+01
25	51.2853E+03	27.1099E+03	13.0987E+03	61.5015E+02	28.4931E+02	60.1193E+01
26	49.4087E+03	25.4822E+03	11.9718E+03	54.8014E+02	24.5600E+02	48.7047E+01
27	47.6234E+03	23.9610E+03	10.9450E+03	48.4877E+02	21.1747E+02	39.6310E+01
28	45.9237E+03	22.5383E+03	10.0090E+03	43.0687E+02	18.2599E+02	32.1863E+01
29	44.3040E+03	21.2071E+03	91.5549E+02	38.2637E+02	15.7495E+02	26.1489E+01
30	42.7595E+03	19.9608E+03	83.7680E+02	34.0018E+02	13.5867E+02	21.2437E+01
31	41.2854E+03	18.7933E+03	76.6613E+02	30.2305E+02	11.7230E+02	17.3652E+01
32	39.8774E+03	17.6992E+03	70.1731E+02	26.8644E+02	10.1166E+02	14.0326E+01
33	38.5321E+03	16.6732E+03	64.2477E+02	23.8835E+02	87.3162E+01	11.4070E+01
34	37.2453E+03	15.7109E+03	58.8344E+02	21.2404E+02	75.3737E+01	92.7398E+00
35	36.0140E+03	14.8078E+03	53.8876E+02	18.8911E+02	65.0738E+01	75.4083E+00
36	34.8348E+03	13.9600E+03	49.3699E+02	16.8042E+02	56.1887E+01	61.3230E+00

RECTANGULAR SLAB SOURCE = 60IN.X240IN.

AIR GAP = 5.0IN.

K = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	16.6796E+04	16.6796E+04	16.6796E+04	16.6796E+04	16.6796E+04	16.6796E+04
1	15.5579E+04	14.9932E+04	14.4445E+04	13.9017E+04	13.3700E+04	12.3520E+04
2	14.5362E+04	13.5009E+04	12.6480E+04	11.7432E+04	10.8900E+04	95.5314E+03
3	13.6470E+04	12.3964E+04	11.1375E+04	10.0256E+04	89.8626E+03	72.1271E+03
4	12.8503E+04	11.3593E+04	98.2208E+03	86.2406E+03	74.8529E+03	56.3157E+03
5	12.1306E+04	10.4435E+04	88.5791E+03	74.4555E+03	62.7708E+03	44.3508E+03
6	11.4761E+04	95.3968E+03	79.3766E+03	64.9016E+03	52.9229E+03	35.1449E+03
7	10.8777E+04	87.1535E+03	71.3443E+03	56.6199E+03	44.7982E+03	27.9781E+03
8	10.3279E+04	82.6296E+03	64.2820E+03	49.5331E+03	38.0244E+03	22.3511E+03
9	98.2685E+03	76.7168E+03	58.0363E+03	43.4316E+03	32.3602E+03	17.9048E+03
10	93.5090E+03	71.3336E+03	52.4566E+03	38.1527E+03	27.5950E+03	14.3744E+03
11	89.1475E+03	66.4198E+03	47.5360E+03	33.5876E+03	23.5703E+03	11.5460E+03
12	85.0843E+03	61.9150E+03	43.1058E+03	29.5723E+03	20.1603E+03	93.1121E+02
13	81.2904E+03	57.7756E+03	39.1304E+03	26.0017E+03	17.2634E+03	75.0062E+02
14	77.7401E+03	53.9631E+03	35.5549E+03	23.0252E+03	14.7978E+03	60.6121E+02
15	74.4110E+03	50.4443E+03	32.3329E+03	20.3439E+03	12.6949E+03	48.9709E+02
16	71.2836E+03	47.1908E+03	29.4245E+03	17.9800E+03	10.8988E+03	39.5954E+02
17	68.3407E+03	44.1779E+03	26.7933E+03	15.9151E+03	93.6287E+02	32.0356E+02
18	65.5573E+03	41.3836E+03	24.4155E+03	14.0891E+03	80.4794E+02	25.9348E+02
19	62.9497E+03	38.7890E+03	22.2389E+03	12.4799E+03	69.2111E+02	21.0051E+02
20	60.4760E+03	36.3768E+03	20.3028E+03	11.0579E+03	59.5470E+02	17.0205E+02
21	58.1352E+03	34.1320E+03	18.5260E+03	98.0274E+02	51.2527E+02	13.7972E+02
22	55.9178E+03	32.0470E+03	16.9131E+03	86.9325E+02	44.1295E+02	11.1894E+02
23	53.8149E+03	30.0913E+03	15.4458E+03	77.1209E+02	38.0065E+02	90.7570E+01
24	51.8184E+03	28.2722E+03	14.1108E+03	68.4374E+02	32.7463E+02	73.6412E+01
25	49.9213E+03	26.5753E+03	12.8954E+03	60.7495E+02	28.2263E+02	59.7691E+01
26	48.1764E+03	24.9961E+03	11.7884E+03	53.9396E+02	24.3238E+02	48.5220E+01
27	46.5898E+03	23.5209E+03	10.7794E+03	47.9069E+02	20.9736E+02	39.4002E+01
28	45.1621E+03	22.1322E+03	98.5948E+02	42.5554E+02	18.0672E+02	31.9999E+01
29	43.8014E+03	20.8133E+03	90.2077E+02	37.8119E+02	15.4011E+02	25.9644E+01
30	41.7119E+03	19.5954E+03	82.5766E+02	33.6039E+02	13.4599E+02	21.1201E+01
31	40.2894E+03	18.4544E+03	75.1568E+02	29.8491E+02	11.6135E+02	17.1625E+01
32	38.9307E+03	17.3848E+03	69.1740E+02	26.5948E+02	10.0284E+02	13.9408E+01
33	37.6303E+03	16.3814E+03	63.7235E+02	23.6123E+02	88.5071E+01	11.3386E+01
34	36.3844E+03	15.4398E+03	58.8129E+02	20.9944E+02	74.6783E+01	92.1870E+00
35	35.1959E+03	14.5558E+03	53.1465E+02	18.6789E+02	64.4760E+01	74.9528E+00
36	34.0542E+03	13.7237E+03	48.6944E+02	16.6166E+02	55.6749E+01	60.9321E+00

RECTANGULAR SLAB SOURCE = 60IN.X240IN.

AIR GAP = 6.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	15.8046E+04	15.8046E+04	15.8046E+04	15.8046E+04	15.8046E+04	15.8046E+04
1	14.7652E+04	14.3027E+04	13.8287E+04	13.3527E+04	12.8810E+04	11.9649E+04
2	13.8475E+04	13.0256E+04	12.1866E+04	11.3671E+04	10.5841E+04	91.5219E+03
3	13.0284E+04	11.9217E+04	10.8066E+04	97.9170E+03	87.7955E+03	70.9623E+03
4	12.2908E+04	10.9541E+04	98.3105E+03	89.1823E+03	79.2775E+03	59.5847E+03
5	11.6217E+04	10.0972E+04	86.1764E+03	73.0276E+03	61.6835E+03	43.8648E+03
6	11.0111E+04	93.3170E+03	77.3621E+03	63.9562E+03	52.0849E+03	34.9072E+03
7	10.4509E+04	86.4321E+03	69.6313E+03	55.6542E+03	44.1342E+03	27.7355E+03
8	99.3478E+03	80.2046E+03	62.8103E+03	48.6508E+03	37.5016E+03	22.1723E+03
9	94.5739E+03	74.5452E+03	56.7613E+03	42.6930E+03	31.9378E+03	17.7704E+03
10	90.1438E+03	69.3817E+03	51.3745E+03	37.5290E+03	27.2498E+03	14.2717E+03
11	86.0207E+03	64.6550E+03	46.5608E+03	33.0371E+03	23.2857E+03	11.4012E+03
12	82.1734E+03	60.3156E+03	42.2467E+03	29.1184E+03	19.9240E+03	92.4912E+02
13	78.5751E+03	56.3221E+03	38.3707E+03	25.6915E+03	17.0663E+03	74.5970E+02
14	75.2026E+03	52.6388E+03	34.8811E+03	22.6885E+03	14.6322E+03	60.2262E+02
15	72.0358E+03	49.2352E+03	31.7336E+03	20.0524E+03	12.5554E+03	48.4618E+02
16	69.0569E+03	46.0849E+03	28.8903E+03	17.7349E+03	10.7809E+03	39.3678E+02
17	66.2503E+03	43.1646E+03	26.3182E+03	15.6949E+03	92.6299E+02	31.8368E+02
18	63.6022E+03	40.4539E+03	23.9887E+03	13.9772E+03	79.6310E+02	25.7739E+02
19	61.1052E+03	37.9348E+03	21.8766E+03	12.3114E+03	68.4893E+02	20.8758E+02
20	58.7333E+03	35.5911E+03	19.9598E+03	10.9114E+03	58.9319E+02	16.9159E+02
21	56.4914E+03	33.4085E+03	18.2188E+03	96.7448E+02	50.7279E+02	13.7152E+02
22	54.3657E+03	31.3741E+03	16.6363E+03	85.8091E+02	43.6813E+02	11.1136E+02
23	52.3479E+03	29.4761E+03	15.1968E+03	76.1349E+02	37.6254E+02	90.1998E+01
24	50.4307E+03	27.7041E+03	13.8866E+03	67.5721E+02	32.4186E+02	73.1076E+01
25	48.6073E+03	26.0485E+03	12.6934E+03	59.9894E+02	27.9397E+02	59.4003E+01
26	46.8716E+03	24.5007E+03	11.6062E+03	53.2716E+02	24.0855E+02	48.2220E+01
27	45.2180E+03	23.0526E+03	10.6151E+03	47.3177E+02	20.7677E+02	39.1560E+01
28	43.6413E+03	21.6972E+03	97.1115E+02	42.0388E+02	17.9107E+02	31.0011E+01
29	42.1358E+03	20.4278E+03	88.8642E+02	37.3568E+02	15.4498E+02	25.0358E+01
30	40.7001E+03	19.2383E+03	81.3365E+02	33.2030E+02	13.3294E+02	20.0083E+01
31	39.3272E+03	18.1231E+03	74.4631E+02	29.5167E+02	11.5021E+02	17.0652E+01
32	38.0143E+03	17.0771E+03	68.1850E+02	26.2453E+02	99.2684E+01	13.9515E+01
33	36.7580E+03	16.0957E+03	62.4439E+02	23.3387E+02	85.6847E+01	11.2675E+01
34	35.5551E+03	15.1743E+03	57.2065E+02	20.7582E+02	73.9740E+01	91.6022E+00
35	34.4027E+03	14.3091E+03	52.4138E+02	18.4659E+02	63.8713E+01	74.6810E+00
36	33.2979E+03	13.4963E+03	48.0312E+02	16.4292E+02	55.1557E+01	60.5679E+00

RECTANGULAR SLAB SOURCE = 60IN.X240IN.

AIR GAP = 7.0IN.

X = 0.0000 Y = 0

SPECIFIC DOSE RATE (RAD/HR PER CURIE/SQ CM)

TARGET DENSITY

Z	.1	.3	.5	.7	.9	1.3
0	14.9877E+04	14.9877E+04	14.9877E+04	14.9877E+04	14.9877E+04	14.9877E+04
1	14.0422E+04	13.6470E+04	13.2350E+04	12.8157E+04	12.3956E+04	11.5690E+04
2	13.2015E+04	12.4838E+04	11.7336E+04	10.9893E+04	10.2696E+04	89.3549E+03
3	12.4467E+04	11.4638E+04	10.4485E+04	94.7257E+03	85.4271E+03	69.6472E+03
4	11.7635E+04	10.5609E+04	93.4036E+03	82.0438E+03	71.8127E+03	54.7585E+03
5	11.1411E+04	97.5920E+03	83.7715E+03	71.3443E+03	60.5141E+03	43.1050E+03
6	10.5710E+04	90.3132E+03	75.3302E+03	62.2433E+03	51.1874E+03	34.4208E+03
7	10.0463E+04	83.7726E+03	67.6388E+03	54.4489E+03	43.4316E+03	27.4581E+03
8	95.6155E+03	77.8345E+03	61.3300E+03	47.7361E+03	36.9423E+03	21.9683E+03
9	91.1204E+03	72.4215E+03	55.4792E+03	41.9281E+03	31.6867E+03	17.6175E+03
10	86.9397E+03	67.4705E+03	50.2570E+03	36.8840E+03	26.8821E+03	14.1553E+03
11	83.0409E+03	62.9283E+03	45.5816E+03	32.4975E+03	22.7835E+03	11.3917E+03
12	79.3964E+03	58.7507E+03	41.3849E+03	28.6509E+03	19.6738E+03	91.7959E+02
13	75.9920E+03	54.8998E+03	37.6095E+03	25.2904E+03	16.8586E+03	74.0522E+02
14	72.7771E+03	51.3431E+03	34.2064E+03	22.3431E+03	14.4579E+03	59.7945E+02
15	69.7633E+03	48.0523E+03	31.1344E+03	19.7540E+03	12.4090E+03	48.3210E+02
16	66.9247E+03	45.0030E+03	28.3567E+03	17.4762E+03	10.6574E+03	39.0764E+02
17	64.2470E+03	42.1735E+03	25.8421E+03	15.4704E+03	91.5881E+02	31.6198E+02
18	61.7176E+03	39.5446E+03	23.5632E+03	13.7018E+03	78.7487E+02	25.5999E+02
19	59.3252E+03	37.0994E+03	21.4957E+03	12.1411E+03	67.7404E+02	20.7355E+02
20	57.0596E+03	34.8227E+03	19.6165E+03	10.7827E+03	58.2954E+02	16.8032E+02
21	54.9116E+03	32.7010E+03	17.9125E+03	95.4455E+02	50.1863E+02	13.6215E+02
22	52.8730E+03	30.7219E+03	16.3612E+03	84.6723E+02	43.2198E+02	11.0462E+02
23	50.9362E+03	28.8744E+03	14.9495E+03	75.1393E+02	37.2318E+02	9.6046E+01
24	49.0944E+03	27.1485E+03	13.6461E+03	66.8994E+02	32.0825E+02	72.7684E+01
25	47.3413E+03	25.5951E+03	12.4490E+03	59.2239E+02	27.6525E+02	59.0104E+01
26	45.6712E+03	24.2033E+03	11.4256E+03	52.5997E+02	23.8400E+02	47.9108E+01
27	44.0789E+03	22.9413E+03	10.4523E+03	46.7275E+02	20.5577E+02	38.8995E+01
28	42.5596E+03	21.7904E+03	95.6430E+02	41.5202E+02	17.7310E+02	31.9292E+01
29	41.1086E+03	20.7508E+03	87.5366E+02	36.9609E+02	15.2999E+02	25.4637E+01
30	39.7225E+03	19.8887E+03	80.1384E+02	32.8026E+02	13.1974E+02	20.8510E+01
31	38.3969E+03	17.9988E+03	73.3815E+02	29.1638E+02	11.3891E+02	16.9437E+01
32	37.1284E+03	16.7761E+03	67.2674E+02	25.9338E+02	98.5005E+01	13.7708E+01
33	35.9139E+03	15.8161E+03	61.5449E+02	23.0653E+02	84.8570E+01	11.1938E+01
34	34.7504E+03	15.0146E+03	56.4067E+02	20.5174E+02	73.2626E+01	91.0035E+00
35	33.6350E+03	14.0676E+03	51.6401E+02	18.2538E+02	62.2612E+01	73.9444E+00
36	32.5652E+03	13.2717E+03	47.3740E+02	16.2422E+02	54.6323E+01	60.1724E+00