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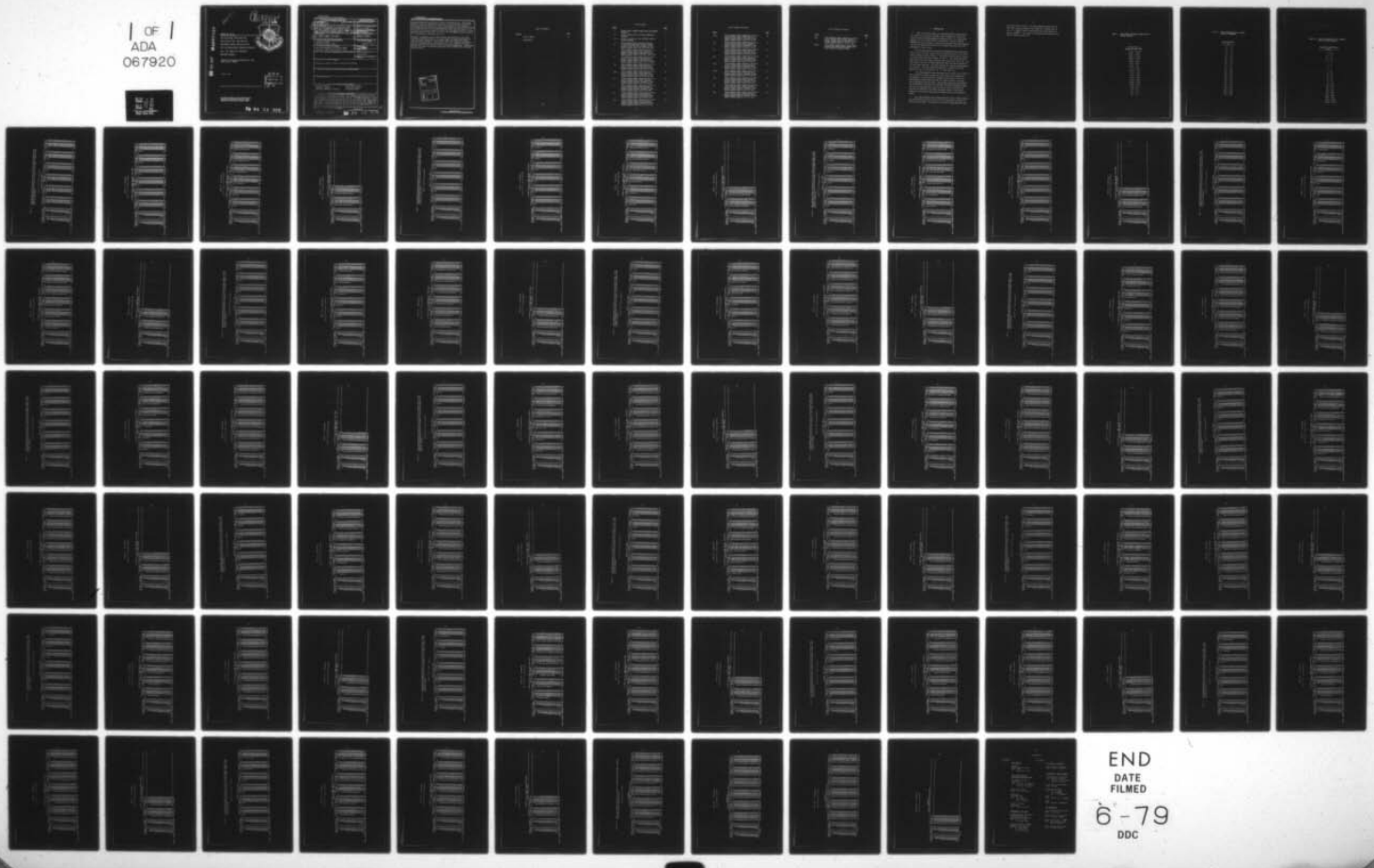

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CALCULATIONAL PROCEDURE FOR EVALUATING TIME- AND SPATIAL-DEPENDENT ENERGY DEPOSITION IN AIR FOR ANISOTROPIC NUCLEAR SOURCES: VOL. III, DATA FOR ISOTROPIC NEUTRON SOURCES

Radiation Research Associates, Inc.
Fort Worth, Texas

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This report describes the RENDER calculational procedure that was developed for use in evaluating the spatial- and time-dependent energy deposition in air produced by anisotropic nuclear sources. The RENDER procedure utilizes nuclear energy deposition data generated for conical sources that were originally computed for line-beam sources through use of the ZAP, ZAPN, ZAPGAM and DEPO codes. The energy deposition data for air that are input to RENDER were generated for neutron and gamma-ray sources and for secondary gamma rays re-

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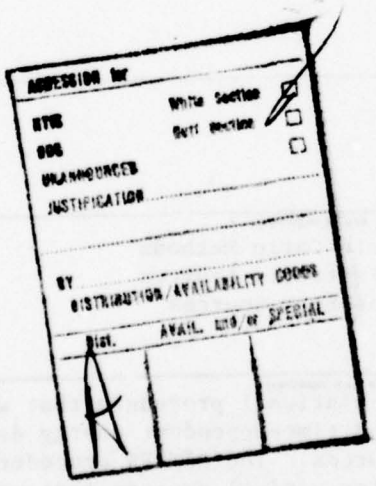
sulting from neutron capture and inelastic scattering in air. The energy deposition data for line-beam sources and for point isotropic sources were found to compare favorably with similar data reported in the literature. The RENDER procedure was run utilizing energy deposition data from the conical source-data base for a 9-to-10-MeV gamma-ray source and the results of the convolution over source emission direction and time were found to be in good agreement with the input data, indicating that the RENDER procedure performs the time-and-angle convolution correctly.

Volumes II through IV of this report present tabulated data on the time-dependent energy deposition in air versus range for neutron and gamma-ray point isotropic sources and for secondary gamma rays generated by point isotropic neutron sources. Also given in Vol. V are curve-fit coefficients for use in computing the energy deposition in air vs distance and source emission angle for line-beam sources of neutrons and gamma rays. Coefficient data are also given for secondary gamma-ray energy deposition by line-beam neutron sources.



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I. INTRODUCTION

This is the third volume of a five-volume report which presents the results of an extensive parameter study on gamma ray, neutron and neutron-produced secondary gamma-ray energy deposition in a homogeneous medium of air (ρ=1.225X10^{-3}g/cm^3) and describes a computer procedure (RENDER) which was developed to utilize the parametric data when computing the time and spatial distributions of the energy deposition in air for anisotropic nuclear sources.

This volume presents calculated time-dependent energy deposition data for point isotropic neutron sources emitting radiation in the source energy intervals listed in Table I. The radial intervals used in storing the energy deposition data are given in Table II. The delay time intervals used to store the energy deposition data are given in Table III. The delay time is the time of energy deposition minus the time of arrival of the uncollided radiation. All source photons were emitted instantaneously by the source. The calculational methods used to compute the energy deposition data are described in Vol. I of this report.

The time-dependent energy deposition data in units of keV m^{-3}sec^{-1}/source neutron vs radial distance are given in Tables IV through XXII. The numbers at the bottom of each column in these tables are the total time-dependent energy deposition (keV sec^{-1}/source neutron) occurring within 1500 meters from the source. The energy deposition data includes the contribution by neutrons that underwent first-order scattering events within the energy deposition volume as well as those contributions by neutrons that underwent first-order scattering outside of the energy deposition volume before scattering and losing energy in the deposition volume.

The time-integrated total energy deposition data vs radial distance and source-energy interval are also listed in Table XXIII for point-isotropic neutron sources. The units for the neutron energy deposition data

are keV m^{-3}/source neutron. The energy deposition data given in Table XXIII can be converted to air kerma rate (exposure rate in air, $\rho = 1.225X10^{-3}$ g/cm^3) by multiplying the energy deposition data by $4.708X10^{11}$. The units of the resulting air kerma rate are rad hr^{-1}/source neutron sec^{-1}.

TABLE I. SOURCE ENERGY INTERVAL BOUNDS USED FOR NEUTRON PROBLEMS

Neutron Source Energy Intervals (MeV)
0.001 - 0.00335
0.00335 - 0.0912
0.0912 - 0.0248
0.0248 - 0.0676
0.0676 - 0.184
0.184 - 0.303
0.303 - 0.50
0.50 - 0.823
0.823 - 1.353
1.353 - 1.738
1.738 - 2.232
2.232 - 2.865
2.865 - 3.680
3.680 - 6.070
6.070 - 7.790
7.790 - 10.0
10.0 - 12.0
12.0 - 13.5
13.5 - 15.0

TABLE II. RADIAL INTERVALS USED TO DEFINE DEPOSITION GEOMETRY

Radial Interval (m)
0 - 10
10 - 20
20 - 40
40 - 60
60 - 80
80 - 100
100 - 125
125 - 150
150 - 175
175 - 200
200 - 250
250 - 300
300 - 350
350 - 400
400 - 450
450 - 500
500 - 600
600 - 800
800 - 1000
1000 - 1200
1200 - 1500

TABLE III. BOUNDS OF DEPOSITION TIME INTERVALS USED IN NEUTRON PROBLEMS

Deposition Time Interval (μsec)
0 - 0.2
0.2 - 0.3
0.3 - 0.5
0.5 - 1.0
1 - 2
2 - 3
3 - 5
5 - 7
7 - 10
10 - 20
20 - 35
35 - 50
50 - 70
70 - 100
100 - 200
200 - 400
400 - 700
700 - 1000
1000 - 2000
2000 - 3500
3500 - 15000
15000 - 100,000

TABLE IV. TIME-DEPENDENT ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 0.001 TO 0.00325 MeV

(keV m^{-3} sec^{-1}/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) .00E 00 - 2.00E-07	2.00E-07 - 3.00E-07	3.00E-07 - 5.00E-07	5.00E-07 - 1.00E-06	1.00E-06 - 2.00E-06	2.00E-06 - 3.00E-06
.0 - 10.0	1.701E 00	1.506E 00	1.776E 00	1.527E 00	1.693E 00	1.884E 00
10.0 - 20.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
20.0 - 40.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
40.0 - 60.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
60.0 - 80.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
80.0 - 100.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
100.0 - 125.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
125.0 - 150.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
150.0 - 175.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
175.0 - 200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
200.0 - 250.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
250.0 - 300.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	7.126E 03	6.308E 03	7.439E 03	6.396E 03	7.092E 03	7.889E 03

TABLE IV. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

1.000E-03 TO 3.350E-03 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 3.00E-06 - 5.00E-06	5.00E-06 - 7.00E-06	7.00E-06 - 1.00E-05	1.00E-05 - 2.00E-05	2.00E-05 - 3.50E-05	3.50E-05 - 5.00E-05
.0 - 10.0	2.014E 00	1.698E 00	1.632E 00	8.285E-01	1.416E-01	3.056E-02
10.0 - 20.0	.000E 00	.000E 00	.000E 00	1.094E-01	1.529E-01	4.665E-02
20.0 - 40.0	.000E 00	.000E 00	.000E 00	.000E 00	5.850E-03	1.738E-02
40.0 - 60.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
60.0 - 80.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
80.0 - 100.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
100.0 - 125.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
125.0 - 150.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
150.0 - 175.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
175.0 - 200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
200.0 - 250.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
250.0 - 300.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	8.433E 03	7.110E 03	6.838E 03	6.679E 03	6.449E 03	5.574E 03

TABLE IV. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

1.000E-03 TO 3.350E-03 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 5.00E-05 - 7.00E-05	7.00E-05 - 1.00E-04	1.00E-04 - 2.00E-04	2.00E-04 - 4.00E-04	4.00E-04 - 7.00E-04	7.00E-04 - 1.00E-03
.0 - 10.0	1.948E-02	1.449E-02	3.536E-03	4.988E-04	8.520E-05	1.695E-04
10.0 - 20.0	2.032E-02	9.665E-03	3.758E-03	8.815E-04	2.923E-04	8.820E-05
20.0 - 40.0	1.440E-02	7.825E-03	3.029E-03	7.440E-04	1.696E-04	5.485E-05
40.0 - 60.0	1.704E-03	3.641E-03	1.737E-03	5.485E-04	1.559E-04	4.607E-05
60.0 - 80.0	.000E 00	3.876E-04	8.525E-04	3.986E-04	1.305E-04	4.623E-05
80.0 - 100.0	.000E 00	.000E 00	2.440E-04	2.235E-04	8.935E-05	3.373E-05
100.0 - 125.0	.000E 00	.000E 00	5.000E-05	9.865E-05	5.550E-05	2.526E-05
125.0 - 150.0	.000E 00	.000E 00	6.245E-06	3.808E-05	2.791E-05	1.511E-05
150.0 - 175.0	.000E 00	.000E 00	4.896E-07	9.755E-06	1.493E-05	8.760E-06
175.0 - 200.0	.000E 00	.000E 00	.000E 00	1.819E-06	4.554E-06	3.770E-06
200.0 - 250.0	.000E 00	.000E 00	.000E 00	1.515E-07	1.195E-06	1.359E-06
250.0 - 300.0	.000E 00	.000E 00	.000E 00	.000E 00	1.708E-07	2.013E-07
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	1.195E-08	4.386E-08
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	5.140E 03	4.979E 03	3.738E 03	2.229E 03	1.102E 03	5.331E 02

TABLE IV. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	1.000E-03 TO 3.350E-03 MEV NEUTRONS DELAY TIME (SEC) 1.00E-03 - 2.00E-03	2.00E-03 - 3.50E-03
.0 - 10.0	2.627E-05	3.077E-06
10.0 - 20.0	1.602E-05	4.012E-06
20.0 - 40.0	1.741E-05	2.654E-06
40.0 - 60.0	1.397E-05	2.325E-06
60.0 - 80.0	1.160E-05	2.014E-06
80.0 - 100.0	8.625E-06	1.539E-06
100.0 - 125.0	7.770E-06	1.230E-06
125.0 - 150.0	4.948E-06	8.940E-07
150.0 - 175.0	2.927E-06	6.685E-07
175.0 - 200.0	1.614E-06	4.150E-07
200.0 - 250.0	7.390E-07	2.196E-07
250.0 - 300.0	2.355E-07	9.050E-08
300.0 - 350.0	5.125E-08	2.785E-08
350.0 - 400.0	1.418E-08	5.685E-09
400.0 - 450.0	2.013E-09	1.168E-09
450.0 - 500.0	.000E 00	3.391E-10
500.0 - 600.0	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	1.880E 02	4.212E 01

TABLE V. TIME-DEPENDENT ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 0.00325 TO 0.00912 MeV

(keV m^{-3} sec^{-1}/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) .00E 00 - 2.00E-07	2.00E-07 - 3.00E-07	3.00E-07 - 5.00E-07	5.00E-07 - 1.00E-06	1.00E-06 - 2.00E-06	2.00E-06 - 3.00E-06
.0 - 10.0	8.870E 00	6.690E 00	5.315E 00	6.185E 00	8.455E 00	6.875E 00
10.0 - 20.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
20.0 - 40.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
40.0 - 60.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
60.0 - 80.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
80.0 - 100.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
100.0 - 125.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
125.0 - 150.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
150.0 - 175.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
175.0 - 200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
200.0 - 250.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
250.0 - 300.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	3.715E 04	2.802E 04	2.226E 04	2.591E 04	3.542E 04	2.880E 04

TABLE V. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

3.350E-03 TO 9.120E-03 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 3.00E-06 - 5.00E-06	5.00E-06 - 7.00E-06	7.00E-06 - 1.00E-05	1.00E-05 - 2.00E-05	2.00E-05 - 3.50E-05	3.50E-05 - 5.00E-05
.0 - 10.0	8.190E 00	7.645E 00	4.263E 00	7.675E-01	1.445E-01	7.730E-02
10.0 - 20.0	.000E 00	.000E 00	3.067E-01	7.510E-01	1.624E-01	8.120E-02
20.0 - 40.0	.000E 00	.000E 00	.000E 00	1.912E-02	8.085E-02	5.060E-02
40.0 - 60.0	.000E 00	.000E 00	.000E 00	.000E 00	2.077E-03	1.453E-02
60.0 - 80.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	3.621E-04
80.0 - 100.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
100.0 - 125.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
125.0 - 150.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
150.0 - 175.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
175.0 - 200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
200.0 - 250.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
250.0 - 300.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	3.432E 04	3.203E 04	2.685E 04	2.972E 04	2.565E 04	2.427E 04

TABLE V. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

3.350E-03 TO 9.120E-03 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 5.00E-05 - 7.00E-05	7.00E-05 - 1.00E-04	1.00E-04 - 2.00E-04	2.00E-04 - 4.00E-04	4.00E-04 - 7.00E-04	7.00E-04 - 1.00E-03
.0 - 10.0	3.563E-02	1.271E-02	5.010E-03	6.655E-04	2.522E-04	2.971E-04
10.0 - 20.0	3.099E-02	1.455E-02	5.775E-03	1.486E-03	1.983E-04	8.740E-05
20.0 - 40.0	2.610E-02	1.309E-02	4.780E-03	1.172E-03	2.470E-04	7.105E-05
40.0 - 60.0	1.388E-02	8.295E-03	3.612E-03	9.005E-04	2.004E-04	5.705E-05
60.0 - 80.0	3.611E-03	4.576E-03	2.191E-03	6.820E-04	1.770E-04	4.913E-05
80.0 - 100.0	1.842E-04	1.359E-03	1.270E-03	5.070E-04	1.379E-04	4.311E-05
100.0 - 125.0	.000E 00	1.784E-04	5.710E-04	3.054E-04	9.920E-05	3.167E-05
125.0 - 150.0	.000E 00	.000E 00	1.718E-04	1.580E-04	6.025E-05	2.323E-05
150.0 - 175.0	.000E 00	.000E 00	4.654E-05	7.135E-05	3.866E-05	1.653E-05
175.0 - 200.0	.000E 00	.000E 00	7.255E-06	3.351E-05	2.243E-05	1.099E-05
200.0 - 250.0	.000E 00	.000E 00	1.103E-06	1.044E-05	7.485E-06	4.331E-06
250.0 - 300.0	.000E 00	.000E 00	.000E 00	1.321E-06	1.995E-06	1.626E-06
300.0 - 350.0	.000E 00	.000E 00	.000E 00	1.386E-07	4.505E-07	4.730E-07
350.0 - 400.0	.000E 00	.000E 00	.000E 00	7.950E-08	1.146E-07	1.260E-07
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	5.250E-09	1.517E-08
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	2.087E 04	1.800E 04	1.273E 04	6.313E 03	2.393E 03	9.896E 02

TABLE V. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	3.350E-03 TO 9.120E-03 MEV NEUTRONS DELAY TIME (SEC) 1.00E-03 - 2.00E-03	2.00E-03 - 3.50E-03
.0 - 10.0	1.776E-05	1.442E-06
10.0 - 20.0	1.447E-05	1.383E-06
20.0 - 40.0	1.883E-05	2.075E-06
40.0 - 60.0	1.479E-05	1.894E-06
60.0 - 80.0	1.142E-05	1.595E-06
80.0 - 100.0	1.075E-05	1.604E-06
100.0 - 125.0	8.290E-06	1.432E-06
125.0 - 150.0	6.345E-06	1.004E-06
150.0 - 175.0	4.524E-06	7.695E-07
175.0 - 200.0	3.186E-06	5.990E-07
200.0 - 250.0	1.581E-06	3.291E-07
250.0 - 300.0	6.100E-07	1.430E-07
300.0 - 350.0	1.911E-07	5.765E-08
350.0 - 400.0	5.530E-08	2.122E-08
400.0 - 450.0	2.937E-08	7.695E-09
450.0 - 500.0	3.255E-09	4.544E-09
500.0 - 600.0	8.135E-10	2.818E-10
600.0 - 800.0	.000E 00	8.995E-12
800.0 - 1000.0	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	2.955E 02	5.639E 01

TABLE VI. TIME-DEPENDENT ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 0.00912 TO 0.0248 MeV

($keV\ m^{-3}\ sec^{-1}$/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 3.00E-06 - 5.00E-06	5.00E-06 - 7.00E-06	7.00E-06 - 1.00E-05	1.00E-05 - 2.00E-05	2.00E-05 - 3.50E-05	3.50E-05 - 5.00E-05
.0 - 10.0	2.671E 01	1.100E 01	2.045E 00	5.595E-01	1.793E-01	1.326E-01
10.0 - 20.0	2.331E-01	2.482E 00	3.103E 00	9.760E-01	2.160E-01	8.305E-02
20.0 - 40.0	.000E 00	.000E 00	2.533E-02	3.267E-01	1.802E-01	6.865E-02
40.0 - 60.0	.000E 00	.000E 00	.000E 00	3.724E-04	6.110E-02	4.417E-02
60.0 - 80.0	.000E 00	.000E 00	.000E 00	.000E 00	4.047E-03	1.920E-02
80.0 - 100.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	4.368E-03
100.0 - 125.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
125.0 - 150.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
150.0 - 175.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
175.0 - 200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
200.0 - 250.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
250.0 - 300.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	1.187E 05	1.188E 05	1.055E 05	1.078E 05	9.329E 04	7.995E 04

TABLE VI. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

9.120E-03 TO 2.480E-02 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 5.00E-05 - 7.00E-05	7.00E-05 - 1.00E-04	1.00E-04 - 2.00E-04	2.00E-04 - 4.00E-04	4.00E-04 - 7.00E-04	7.00E-04 - 1.00E-03
.0 - 10.0	4.713E-02	4.925E-02	1.033E-02	3.104E-03	2.032E-04	2.112E-05
10.0 - 20.0	4.840E-02	1.476E-02	6.610E-03	7.755E-04	2.561E-04	5.845E-05
20.0 - 40.0	3.959E-02	1.982E-02	6.435E-03	1.317E-03	2.413E-04	3.639E-05
40.0 - 60.0	2.344E-02	1.436E-02	5.515E-03	1.166E-03	2.269E-04	5.440E-05
60.0 - 80.0	1.536E-02	9.730E-03	4.252E-03	8.735E-04	1.840E-04	5.235E-05
80.0 - 100.0	7.590E-03	5.340E-03	2.941E-03	7.710E-04	1.554E-04	4.728E-05
100.0 - 125.0	2.279E-03	2.786E-03	1.884E-03	6.090E-04	1.371E-04	4.106E-05
125.0 - 150.0	1.523E-04	8.455E-04	9.425E-04	4.009E-04	1.029E-04	2.980E-05
150.0 - 175.0	.000E 00	2.773E-04	4.008E-04	2.212E-04	7.330E-05	2.441E-05
175.0 - 200.0	.000E 00	4.776E-06	1.283E-04	1.364E-04	4.446E-05	1.417E-05
200.0 - 250.0	.000E 00	.000E 00	5.130E-05	5.800E-05	2.347E-05	9.515E-06
250.0 - 300.0	.000E 00	.000E 00	7.840E-06	1.153E-05	9.025E-06	3.398E-06
300.0 - 350.0	.000E 00	.000E 00	1.342E-06	3.625E-06	2.616E-06	1.219E-06
350.0 - 400.0	.000E 00	.000E 00	2.202E-07	8.450E-07	7.115E-07	4.780E-07
400.0 - 450.0	.000E 00	.000E 00	.000E 00	3.978E-08	1.813E-07	1.615E-07
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	2.924E-08	2.601E-08
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	6.555E-09
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	7.039E 04	5.593E 04	3.655E 04	1.463E 04	4.458E 03	1.521E 03

TABLE VI. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

9.120E-03 TO 2.480E-02 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) .00E 00 - 2.00E-07	2.00E-07 - 3.00E-07	3.00E-07 - 5.00E-07	5.00E-07 - 1.00E-06	1.00E-06 - 2.00E-06	2.00E-06 - 3.00E-06
.0 - 10.0	2.636E 01	3.403E 01	1.396E 01	2.910E 01	3.249E 01	3.049E 01
10.0 - 20.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
20.0 - 40.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
40.0 - 60.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
60.0 - 80.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
80.0 - 100.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
100.0 - 125.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
125.0 - 150.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
150.0 - 175.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
175.0 - 200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
200.0 - 250.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
250.0 - 300.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	1.104E 05	1.425E 05	5.847E 04	1.219E 05	1.361E 05	1.277E 05

TABLE VI. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	9.120E-03 TO 2.480E-02 MEV NEUTRONS DELAY TIME (SEC) 1.00E-03 - 2.00E-03	2.00E-03 - 3.50E-03
.0 - 10.0	6.780E-06	.000E 00
10.0 - 20.0	1.343E-05	8.265E-07
20.0 - 40.0	1.045E-05	1.540E-06
40.0 - 60.0	1.245E-05	1.461E-06
60.0 - 80.0	1.150E-05	1.546E-06
80.0 - 100.0	9.540E-06	1.207E-06
100.0 - 125.0	7.605E-06	1.065E-06
125.0 - 150.0	6.480E-06	8.795E-07
150.0 - 175.0	5.435E-06	7.955E-07
175.0 - 200.0	4.231E-06	6.375E-07
200.0 - 250.0	2.505E-06	3.942E-07
250.0 - 300.0	1.156E-06	2.095E-07
300.0 - 350.0	4.536E-07	9.135E-08
350.0 - 400.0	1.774E-07	3.503E-08
400.0 - 450.0	5.760E-08	1.722E-08
450.0 - 500.0	2.366E-08	6.575E-09
500.0 - 600.0	3.901E-09	2.060E-09
600.0 - 800.0	.000E 00	1.150E-10
800.0 - 1000.0	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	3.978E 02	6.442E 01

TABLE VII. TIME-DEPENDENT ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 0.0248 TO 0.0676 MeV

($keV\ m^{-3}\ sec^{-1}$/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) .00E 00 - 2.00E-07	2.00E-07 - 3.00E-07	3.00E-07 - 5.00E-07	5.00E-07 - 1.00E-06	1.00E-06 - 2.00E-06	2.00E-06 - 3.00E-06
.0 - 10.0	8.700E 01	9.560E 01	9.625E 01	1.011E 02	1.118E 02	1.011E 02
10.0 - 20.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	4.717E-01
20.0 - 40.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
40.0 - 60.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
60.0 - 80.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
80.0 - 100.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
100.0 - 125.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
125.0 - 150.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
150.0 - 175.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
175.0 - 200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
200.0 - 250.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
250.0 - 300.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	3.645E 05	4.004E 05	4.032E 05	4.233E 05	4.685E 05	4.376E 05

TABLE VII. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

2.480E-02 TO 6.760E-02 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 3.00E-06 - 5.00E-06	5.00E-06 - 7.00E-06	7.00E-06 - 1.00E-05	1.00E-05 - 2.00E-05	2.00E-05 - 3.50E-05	3.50E-05 - 5.00E-05
.0 - 10.0	3.017E 01	3.451E 00	3.896E 00	1.054E 00	2.010E-01	1.496E-01
10.0 - 20.0	1.038E 01	9.870E 00	2.717E 00	9.485E-01	2.284E-01	1.209E-01
20.0 - 40.0	.000E 00	3.787E-01	1.341E 00	8.440E-01	2.527E-01	9.480E-02
40.0 - 60.0	.000E 00	.000E 00	.000E 00	2.243E-01	1.705E-01	8.015E-02
60.0 - 80.0	.000E 00	.000E 00	.000E 00	1.557E-02	7.915E-02	4.603E-02
80.0 - 100.0	.000E 00	.000E 00	.000E 00	.000E 00	2.267E-02	3.004E-02
100.0 - 125.0	.000E 00	.000E 00	.000E 00	.000E 00	3.236E-03	1.325E-02
125.0 - 150.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	3.017E-03
150.0 - 175.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	3.427E-04
175.0 - 200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
200.0 - 250.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
250.0 - 300.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	4.305E 05	3.927E 05	4.106E 05	3.924E 05	3.328E 05	2.696E 05

TABLE VII. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

2.480E-02 TO 6.760E-02 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 5.00E-05 - 7.00E-05	7.00E-05 - 1.00E-04	1.00E-04 - 2.00E-04	2.00E-04 - 4.00E-04	4.00E-04 - 7.00E-04	7.00E-04 - 1.00E-03
.0 - 10.0	.000E 00	1.402E-02	5.930E-03	3.146E-03	4.105E-04	1.047E-04
10.0 - 20.0	8.575E-02	3.719E-02	6.880E-03	1.108E-03	2.793E-04	9.275E-05
20.0 - 40.0	5.180E-02	2.819E-02	8.100E-03	1.554E-03	2.959E-04	7.140E-05
40.0 - 60.0	3.819E-02	1.989E-02	7.115E-03	1.326E-03	1.975E-04	5.965E-05
60.0 - 80.0	2.837E-02	1.686E-02	5.630E-03	1.059E-03	2.014E-04	4.054E-05
80.0 - 100.0	2.197E-02	1.257E-02	4.723E-03	1.113E-03	1.717E-04	3.663E-05
100.0 - 125.0	1.186E-02	7.745E-03	3.561E-03	8.020E-04	1.613E-04	3.550E-05
125.0 - 150.0	4.896E-03	4.782E-03	2.370E-03	6.320E-04	1.192E-04	3.343E-05
150.0 - 175.0	2.358E-03	2.294E-03	1.512E-03	4.530E-04	9.330E-05	2.408E-05
175.0 - 200.0	9.200E-04	1.006E-03	9.840E-04	3.151E-04	7.445E-05	1.915E-05
200.0 - 250.0	8.680E-05	3.367E-04	3.927E-04	1.719E-04	4.372E-05	1.260E-05
250.0 - 300.0	.000E 00	6.120E-05	1.031E-04	7.420E-05	2.364E-05	6.820E-06
300.0 - 350.0	.000E 00	2.507E-07	2.492E-05	2.484E-05	9.700E-06	3.672E-06
350.0 - 400.0	.000E 00	.000E 00	6.440E-06	8.070E-06	4.543E-06	1.763E-06
400.0 - 450.0	.000E 00	.000E 00	7.440E-07	2.602E-06	1.244E-06	6.570E-07
450.0 - 500.0	.000E 00	.000E 00	.000E 00	6.090E-07	3.164E-07	2.129E-07
500.0 - 600.0	.000E 00	.000E 00	.000E 00	1.904E-08	8.265E-08	5.675E-08
600.0 - 800.0	.000E 00	.000E 00	.000E 00	1.247E-08	5.925E-09	4.356E-09
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	2.281E 05	1.703E 05	9.484E 04	3.086E 04	7.553E 03	2.195E 03

TABLE VII. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

2.480E-02 TO 6.760E-02 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 1.00E-03 - 2.00E-03	2.00E-03 - 3.50E-03
.0 - 10.0	.000E 00	.000E 00
10.0 - 20.0	1.104E-05	1.082E-06
20.0 - 40.0	8.135E-06	1.209E-06
40.0 - 60.0	9.695E-06	1.236E-06
60.0 - 80.0	8.890E-06	1.145E-06
80.0 - 100.0	9.300E-06	1.199E-06
100.0 - 125.0	7.120E-06	9.180E-07
125.0 - 150.0	6.220E-06	8.205E-07
150.0 - 175.0	5.195E-06	6.285E-07
175.0 - 200.0	4.315E-06	5.345E-07
200.0 - 250.0	2.849E-06	4.102E-07
250.0 - 300.0	1.624E-06	2.344E-07
300.0 - 350.0	8.560E-07	1.503E-07
350.0 - 400.0	4.613E-07	7.545E-08
400.0 - 450.0	2.093E-07	4.225E-08
450.0 - 500.0	1.111E-07	2.029E-08
500.0 - 600.0	2.193E-08	6.195E-09
600.0 - 800.0	6.615E-10	3.989E-10
800.0 - 1000.0	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	5.097E 02	7.614E 01

TABLE VIII. TIME-DEPENDENT ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 0.0676 TO 0.184 MeV

($keV\ m^{-3}\ sec^{-1}$/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) .00E 00 - 2.00E-07	2.00E-07 - 3.00E-07	3.00E-07 - 5.00E-07	5.00E-07 - 1.00E-06	1.00E-06 - 2.00E-06	2.00E-06 - 3.00E-06
.0 - 10.0	2.679E 02	3.879E 02	4.621E 02	5.055E 02	3.545E 02	5.505E 01
10.0 - 20.0	.000E 00	.000E 00	.000E 00	.000E 00	4.714E 00	4.474E 01
20.0 - 40.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
40.0 - 60.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
60.0 - 80.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
80.0 - 100.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
100.0 - 125.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
125.0 - 150.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
150.0 - 175.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
175.0 - 200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
200.0 - 250.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
250.0 - 300.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	1.122E 06	1.625E 06	1.936E 06	2.117E 06	1.623E 06	1.542E 06

TABLE VIII. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

6.760E-02 TO 1.840E-01 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 3.00E-06 - 5.00E-06	5.00E-06 - 7.00E-06	7.00E-06 - 1.00E-05	1.00E-05 - 2.00E-05	2.00E-05 - 3.50E-05	3.50E-05 - 5.00E-05
.0 - 10.0	1.161E 01	3.592E 00	4.096E 00	4.463E-01	7.215E-02	.000E 00
10.0 - 20.0	2.425E 01	7.800E 00	2.071E 00	7.030E-01	1.910E-01	9.890E-02
20.0 - 40.0	3.362E 00	4.844E 00	3.014E 00	8.115E-01	2.121E-01	1.169E-01
40.0 - 60.0	.000E 00	4.264E-02	9.920E-01	6.855E-01	2.077E-01	8.810E-02
60.0 - 80.0	.000E 00	.000E 00	.000E 00	3.115E-01	1.604E-01	7.015E-02
80.0 - 100.0	.000E 00	.000E 00	.000E 00	9.175E-02	1.003E-01	5.760E-02
100.0 - 125.0	.000E 00	.000E 00	.000E 00	7.705E-03	5.735E-02	4.312E-02
125.0 - 150.0	.000E 00	.000E 00	.000E 00	.000E 00	2.313E-02	2.315E-02
150.0 - 175.0	.000E 00	.000E 00	.000E 00	.000E 00	6.325E-03	1.354E-02
175.0 - 200.0	.000E 00	.000E 00	.000E 00	.000E 00	1.013E-03	6.715E-03
200.0 - 250.0	.000E 00	.000E 00	.000E 00	.000E 00	3.125E-05	1.521E-03
250.0 - 300.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	2.029E-04
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	1.548E 06	1.407E 06	1.416E 06	1.254E 06	1.023E 06	8.463E 05

TABLE VIII. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

6.760E-02 TO 1.840E-01 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 5.00E-05 - 7.00E-05	7.00E-05 - 1.00E-04	1.00E-04 - 2.00E-04	2.00E-04 - 4.00E-04	4.00E-04 - 7.00E-04	7.00E-04 - 1.00E-03
.0 - 10.0	1.581E-01	2.147E-02	1.964E-02	.000E 00	2.822E-04	1.681E-04
10.0 - 20.0	4.773E-02	5.415E-02	1.084E-02	1.127E-03	3.500E-04	8.135E-05
20.0 - 40.0	5.125E-02	3.367E-02	8.410E-03	1.105E-03	1.586E-04	3.430E-05
40.0 - 60.0	4.750E-02	2.654E-02	7.720E-03	1.267E-03	1.677E-04	3.640E-05
60.0 - 80.0	3.723E-02	2.350E-02	6.995E-03	1.253E-03	1.486E-04	3.656E-05
80.0 - 100.0	3.857E-02	1.945E-02	6.530E-03	1.146E-03	1.736E-04	3.848E-05
100.0 - 125.0	2.920E-02	1.439E-02	5.175E-03	8.860E-04	1.564E-04	3.469E-05
125.0 - 150.0	1.616E-02	1.063E-02	4.069E-03	7.870E-04	1.243E-04	2.922E-05
150.0 - 175.0	9.905E-03	7.545E-03	2.879E-03	6.610E-04	1.031E-04	2.346E-05
175.0 - 200.0	7.020E-03	4.742E-03	2.324E-03	4.979E-04	8.445E-05	1.965E-05
200.0 - 250.0	2.486E-03	2.837E-03	1.442E-03	3.619E-04	6.235E-05	1.535E-05
250.0 - 300.0	6.120E-04	8.965E-04	6.690E-04	1.937E-04	3.876E-05	9.475E-06
300.0 - 350.0	1.545E-04	3.510E-04	3.215E-04	1.073E-04	2.342E-05	5.605E-06
350.0 - 400.0	3.715E-05	7.890E-05	1.283E-04	5.200E-05	1.196E-05	3.404E-06
400.0 - 450.0	.000E 00	6.890E-06	4.513E-05	2.449E-05	5.900E-06	1.712E-06
450.0 - 500.0	.000E 00	.000E 00	1.586E-05	8.995E-06	2.984E-06	7.915E-07
500.0 - 600.0	.000E 00	.000E 00	7.955E-07	3.199E-06	1.042E-06	2.498E-07
600.0 - 800.0	.000E 00	.000E 00	.000E 00	5.510E-08	1.022E-07	3.613E-08
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	6.385E-10	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	6.642E 05	4.958E 05	2.422E 05	6.209E 04	1.192E 04	2.946E 03

TABLE VIII. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

6.760E-02 TO 1.840E-01 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 1.00E-03 - 2.00E-03	2.00E-03 - 3.50E-03
.0 - 10.0	.000E 00	.000E 00
10.0 - 20.0	8.125E-06	1.964E-06
20.0 - 40.0	7.040E-06	1.389E-06
40.0 - 60.0	8.900E-06	9.035E-07
60.0 - 80.0	5.965E-06	8.425E-07
80.0 - 100.0	7.920E-06	6.575E-07
100.0 - 125.0	6.090E-06	7.710E-07
125.0 - 150.0	5.440E-06	6.040E-07
150.0 - 175.0	4.680E-06	5.940E-07
175.0 - 200.0	3.955E-06	5.305E-07
200.0 - 250.0	2.978E-06	3.924E-07
250.0 - 300.0	2.012E-06	2.558E-07
300.0 - 350.0	1.240E-06	1.600E-07
350.0 - 400.0	6.990E-07	1.017E-07
400.0 - 450.0	4.178E-07	6.190E-08
450.0 - 500.0	2.232E-07	3.593E-08
500.0 - 600.0	7.435E-08	1.220E-08
600.0 - 800.0	8.165E-09	1.933E-09
800.0 - 1000.0	.000E 00	2.074E-11
1000.0 - 1200.0	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	6.235E 02	8.441E 01

TABLE IX. TIME-DEPENDENT ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 0.184 TO 0.303 MeV

(keV m^{-3} sec^{-1}/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) .00E 00 - 2.00E-07	2.00E-07 - 3.00E-07	3.00E-07 - 5.00E-07	5.00E-07 - 1.00E-06	1.00E-06 - 2.00E-06	2.00E-06 - 3.00E-06
.0 - 10.0	9.590E 02	1.035E 03	9.070E 02	8.925E 02	3.358E 02	2.477E 01
10.0 - 20.0	.000E 00	.000E 00	.000E 00	.000E 00	6.530E 01	1.067E 02
20.0 - 40.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	2.307E 00
40.0 - 60.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
60.0 - 80.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
80.0 - 100.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
100.0 - 125.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
125.0 - 150.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
150.0 - 175.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
175.0 - 200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
200.0 - 250.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
250.0 - 300.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	4.018E 06	4.335E 06	3.800E 06	3.739E 06	3.321E 06	3.773E 06

TABLE IX. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

1.840E-01 TO 3.030E-01 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 3.00E-06 - 5.00E-06	5.00E-06 - 7.00E-06	7.00E-06 - 1.00E-05	1.00E-05 - 2.00E-05	2.00E-05 - 3.50E-05	3.50E-05 - 5.00E-05
.0 - 10.0	1.761E 01	2.934E 00	7.700E-02	9.085E-01	4.333E-01	5.450E-01
10.0 - 20.0	1.169E 01	4.981E 00	2.347E 00	6.500E-01	3.688E-01	1.769E-01
20.0 - 40.0	1.125E 01	7.235E 00	2.655E 00	9.230E-01	2.469E-01	1.039E-01
40.0 - 60.0	.000E 00	2.150E 00	2.394E 00	6.625E-01	2.652E-01	1.065E-01
60.0 - 80.0	.000E 00	.000E 00	6.400E-01	6.025E-01	1.687E-01	9.505E-02
80.0 - 100.0	.000E 00	.000E 00	.000E 00	3.122E-01	1.550E-01	7.840E-02
100.0 - 125.0	.000E 00	.000E 00	.000E 00	1.217E-01	1.133E-01	6.490E-02
125.0 - 150.0	.000E 00	.000E 00	.000E 00	2.362E-02	7.060E-02	4.724E-02
150.0 - 175.0	.000E 00	.000E 00	.000E 00	6.660E-04	3.795E-02	3.220E-02
175.0 - 200.0	.000E 00	.000E 00	.000E 00	.000E 00	1.445E-02	1.909E-02
200.0 - 250.0	.000E 00	.000E 00	.000E 00	.000E 00	3.780E-03	8.815E-03
250.0 - 300.0	.000E 00	.000E 00	.000E 00	.000E 00	1.016E-04	2.349E-03
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	2.759E-04
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	3.057E 06	3.225E 06	3.010E 06	2.678E 06	2.240E 06	1.809E 06

TABLE IX. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

1.840E-01 TO 3.030E-01 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 5.00E-05 - 7.00E-05	7.00E-05 - 1.00E-04	1.00E-04 - 2.00E-04	2.00E-04 - 4.00E-04	4.00E-04 - 7.00E-04	7.00E-04 - 1.00E-03
.0 - 10.0	.000E 00	.000E 00	.000E 00	8.515E-04	1.155E-04	1.210E-04
10.0 - 20.0	5.650E-02	1.337E-02	5.620E-03	1.363E-03	8.615E-05	6.290E-05
20.0 - 40.0	4.592E-02	3.139E-02	8.125E-03	1.345E-03	1.069E-04	3.273E-05
40.0 - 60.0	4.498E-02	2.789E-02	8.130E-03	1.146E-03	1.530E-04	4.044E-05
60.0 - 80.0	4.915E-02	2.192E-02	6.680E-03	1.143E-03	1.471E-04	3.628E-05
80.0 - 100.0	4.208E-02	2.214E-02	6.575E-03	1.209E-03	1.381E-04	2.822E-05
100.0 - 125.0	2.830E-02	1.705E-02	6.270E-03	9.070E-04	1.435E-04	2.742E-05
125.0 - 150.0	2.463E-02	1.423E-02	4.878E-03	8.205E-04	1.146E-04	2.302E-05
150.0 - 175.0	2.095E-02	1.132E-02	3.821E-03	6.605E-04	1.075E-04	1.954E-05
175.0 - 200.0	1.520E-02	9.495E-03	3.399E-03	6.025E-04	8.830E-05	1.979E-05
200.0 - 250.0	7.935E-03	5.370E-03	2.340E-03	4.321E-04	6.350E-05	1.572E-05
250.0 - 300.0	3.308E-03	2.825E-03	1.344E-03	3.071E-04	4.381E-05	1.001E-05
300.0 - 350.0	1.316E-03	1.301E-03	7.720E-04	1.677E-04	2.869E-05	6.870E-06
350.0 - 400.0	4.619E-04	6.305E-04	4.349E-04	1.094E-04	1.868E-05	4.707E-06
400.0 - 450.0	4.483E-05	1.703E-04	1.787E-04	5.825E-05	1.146E-05	2.890E-06
450.0 - 500.0	.000E 00	5.715E-05	8.310E-05	3.299E-05	6.250E-06	1.522E-06
500.0 - 600.0	.000E 00	3.665E-06	2.773E-05	1.355E-05	2.820E-06	7.990E-07
600.0 - 800.0	.000E 00	.000E 00	2.143E-06	1.877E-06	4.313E-07	1.214E-07
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	2.584E-08	2.421E-08	7.055E-09
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	1.334E 06	9.272E 05	4.263E 05	9.375E 04	1.524E 04	3.633E 03

TABLE IX. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

1.840E-01 TO 3.030E-01 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 1.00E-03 - 2.00E-03	2.00E-03 - 3.50E-03
.0 - 10.0	.000E 00	2.804E-06
10.0 - 20.0	3.301E-06	3.650E-08
20.0 - 40.0	5.350E-06	5.180E-07
40.0 - 60.0	5.500E-06	3.745E-07
60.0 - 80.0	5.620E-06	4.532E-07
80.0 - 100.0	5.490E-06	5.915E-07
100.0 - 125.0	4.554E-06	5.970E-07
125.0 - 150.0	4.500E-06	5.140E-07
150.0 - 175.0	3.992E-06	4.641E-07
175.0 - 200.0	3.617E-06	4.362E-07
200.0 - 250.0	2.921E-06	3.258E-07
250.0 - 300.0	1.864E-06	2.511E-07
300.0 - 350.0	1.298E-06	1.562E-07
350.0 - 400.0	9.370E-07	1.155E-07
400.0 - 450.0	5.695E-07	7.625E-08
450.0 - 500.0	3.653E-07	4.838E-08
500.0 - 600.0	1.558E-07	2.089E-08
600.0 - 800.0	2.882E-08	4.215E-09
800.0 - 1000.0	3.457E-09	5.175E-10
1000.0 - 1200.0	1.388E-10	4.167E-11
1200.0 - 1500.0	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	7.117E 02	8.914E 01

TABLE X. TIME-DEPENDENT ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 0.303 TO 0.50 MeV

(keV m^{-3} sec^{-1}/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) .00E 00 - 2.00E-07	2.00E-07 - 3.00E-07	3.00E-07 - 5.00E-07	5.00E-07 - 1.00E-06	1.00E-06 - 2.00E-06	2.00E-06 - 3.00E-06
.0 - 10.0	1.671E 03	2.597E 03	2.057E 03	1.992E 03	2.389E 02	3.202E 01
10.0 - 20.0	.000E 00	.000E 00	.000E 00	.000E 00	2.518E 02	7.490E 01
20.0 - 40.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	2.013E 01
40.0 - 60.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
60.0 - 80.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
80.0 - 100.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
100.0 - 125.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
125.0 - 150.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
150.0 - 175.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
175.0 - 200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
200.0 - 250.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
250.0 - 300.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	6.997E 06	1.088E 07	8.616E 06	8.343E 06	8.382E 06	7.051E 06

TABLE X. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

3.030E-01 TO 5.000E-01 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 3.00E-06 - 5.00E-06	5.00E-06 - 7.00E-06	7.00E-06 - 1.00E-05	1.00E-05 - 2.00E-05	2.00E-05 - 3.50E-05	3.50E-05 - 5.00E-05
.0 - 10.0	3.024E 01	1.345E 01	4.233E 00	2.047E 00	.000E 00	.000E 00
10.0 - 20.0	1.455E 01	5.135E 00	3.051E 00	8.490E-01	4.387E-01	2.400E-01
20.0 - 40.0	2.229E 01	5.720E 00	2.488E 00	1.101E 00	3.586E-01	1.079E-01
40.0 - 60.0	2.311E 00	7.025E 00	2.589E 00	9.880E-01	3.178E-01	1.183E-01
60.0 - 80.0	.000E 00	6.175E-01	2.480E 00	6.955E-01	2.492E-01	1.171E-01
80.0 - 100.0	.000E 00	.000E 00	5.115E-01	5.945E-01	2.055E-01	1.045E-01
100.0 - 125.0	.000E 00	.000E 00	.000E 00	3.025E-01	1.521E-01	7.725E-02
125.0 - 150.0	.000E 00	.000E 00	.000E 00	1.137E-01	1.054E-01	6.010E-02
150.0 - 175.0	.000E 00	.000E 00	.000E 00	3.214E-02	6.050E-02	4.261E-02
175.0 - 200.0	.000E 00	.000E 00	.000E 00	3.732E-03	4.732E-02	3.046E-02
200.0 - 250.0	.000E 00	.000E 00	.000E 00	.000E 00	1.420E-02	1.856E-02
250.0 - 300.0	.000E 00	.000E 00	.000E 00	.000E 00	2.051E-03	6.915E-03
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	2.013E-04	1.983E-03
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	4.175E-04
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	6.890E-05
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	7.255E 06	6.787E 06	6.459E 06	5.192E 06	3.855E 06	2.923E 06

TABLE X. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

3.030E-01 TO 5.000E-01 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 5.00E-05 - 7.00E-05	7.00E-05 - 1.00E-04	1.00E-04 - 2.00E-04	2.00E-04 - 4.00E-04	4.00E-04 - 7.00E-04	7.00E-04 - 1.00E-03
.0 - 10.0	1.499E-01	5.960E-02	.000E 00	.000E 00	.000E 00	.000E 00
10.0 - 20.0	8.080E-02	6.755E-02	1.478E-02	7.000E-04	.000E 00	1.263E-05
20.0 - 40.0	6.860E-02	3.681E-02	5.815E-03	9.695E-04	1.267E-04	1.435E-05
40.0 - 60.0	5.860E-02	3.488E-02	8.445E-03	8.420E-04	1.194E-04	1.407E-05
60.0 - 80.0	4.897E-02	2.045E-02	7.120E-03	9.505E-04	1.102E-04	1.342E-05
80.0 - 100.0	4.018E-02	2.371E-02	7.050E-03	9.175E-04	1.234E-04	1.764E-05
100.0 - 125.0	3.954E-02	1.876E-02	6.075E-03	9.500E-04	1.137E-04	2.385E-05
125.0 - 150.0	3.363E-02	1.830E-02	5.345E-03	7.835E-04	9.180E-05	2.211E-05
150.0 - 175.0	2.855E-02	1.594E-02	4.853E-03	7.090E-04	9.280E-05	2.043E-05
175.0 - 200.0	2.100E-02	1.364E-02	4.369E-03	6.485E-04	8.500E-05	1.613E-05
200.0 - 250.0	1.205E-02	7.960E-03	2.815E-03	5.340E-04	6.735E-05	1.520E-05
250.0 - 300.0	6.380E-03	4.106E-03	1.861E-03	3.762E-04	4.913E-05	9.220E-06
300.0 - 350.0	2.500E-03	2.473E-03	1.154E-03	2.513E-04	3.511E-05	7.820E-06
350.0 - 400.0	1.239E-03	1.090E-03	6.455E-04	1.559E-04	2.421E-05	4.792E-06
400.0 - 450.0	2.500E-04	6.095E-04	3.999E-04	1.018E-04	1.713E-05	3.330E-06
450.0 - 500.0	1.096E-04	2.733E-04	2.169E-04	6.145E-05	9.995E-06	2.400E-06
500.0 - 600.0	2.197E-05	6.860E-05	6.210E-05	2.169E-05	4.030E-06	1.111E-06
600.0 - 800.0	.000E 00	1.882E-06	6.395E-06	4.931E-06	7.155E-07	1.503E-07
800.0 - 1000.0	.000E 00	.000E 00	1.086E-07	2.750E-07	1.415E-07	1.994E-08
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	4.023E-10	2.098E-08	7.555E-09
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	3.799E-10
TOTAL ENERGY DEPOSITION/SEC	2.044E 06	1.422E 06	5.957E 05	1.261E 05	1.832E 04	3.904E 03

TABLE X. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	3.030E-01 TO 5.000E-01 MEV NEUTRONS DELAY TIME (SEC) 1.00E-03 - 2.00E-03	2.00E-03 - 3.50E-03
.0 - 10.0	.000E 00	1.133E-06
10.0 - 20.0	1.438E-06	.000E 00
20.0 - 40.0	3.591E-06	1.541E-07
40.0 - 60.0	3.797E-06	3.095E-07
60.0 - 80.0	3.496E-06	4.152E-07
80.0 - 100.0	3.976E-06	4.281E-07
100.0 - 125.0	4.389E-06	4.275E-07
125.0 - 150.0	3.797E-06	4.870E-07
150.0 - 175.0	3.328E-06	4.174E-07
175.0 - 200.0	2.718E-06	3.590E-07
200.0 - 250.0	2.488E-06	2.986E-07
250.0 - 300.0	1.905E-06	2.149E-07
300.0 - 350.0	1.377E-06	1.660E-07
350.0 - 400.0	8.670E-07	1.100E-07
400.0 - 450.0	6.755E-07	7.850E-08
450.0 - 500.0	4.186E-07	5.710E-08
500.0 - 600.0	2.030E-07	2.584E-08
600.0 - 800.0	4.721E-08	6.605E-09
800.0 - 1000.0	5.035E-09	6.680E-10
1000.0 - 1200.0	4.556E-10	4.115E-11
1200.0 - 1500.0	1.873E-10	1.737E-11
TOTAL ENERGY DEPOSITION/SEC	7.372E 02	9.089E 01

TABLE XI. TIME-DEPENDENT ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 0.50 TO 0.823 MeV

(keV m^{-3} sec^{-1}/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) .00E 00 - 2.00E-07	2.00E-07 - 3.00E-07	3.00E-07 - 5.00E-07	5.00E-07 - 1.00E-06	1.00E-06 - 2.00E-06	2.00E-06 - 3.00E-06
.0 - 10.0	3.074E 03	2.628E 03	2.268E 03	2.224E 03	1.104E 02	1.371E 01
10.0 - 20.0	.000E 00	.000E 00	.000E 00	1.079E 02	2.519E 02	3.139E 01
20.0 - 40.0	.000E 00	.000E 00	.000E 00	.000E 00	1.141E 01	4.588E 01
40.0 - 60.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
60.0 - 80.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
80.0 - 100.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
100.0 - 125.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
125.0 - 150.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
150.0 - 175.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
175.0 - 200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
200.0 - 250.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
250.0 - 300.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	1.288E 07	1.101E 07	9.498E 06	1.248E 07	1.053E 07	1.174E 07

TABLE XI. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

5.000E-01 TO 8.230E-01 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 3.00E-06 - 5.00E-06	5.00E-06 - 7.00E-06	7.00E-06 - 1.00E-05	1.00E-05 - 2.00E-05	2.00E-05 - 3.50E-05	3.50E-05 - 5.00E-05
.0 - 10.0	9.170E-01	3.728E 00	.000E 00	8.260E-01	2.114E-01	3.758E-01
10.0 - 20.0	5.185E 00	2.073E 00	9.515E-01	1.160E 00	3.321E-01	3.119E-01
20.0 - 40.0	1.514E 01	3.226E 00	1.779E 00	7.180E-01	1.700E-01	6.925E-02
40.0 - 60.0	9.715E 00	4.723E 00	1.453E 00	5.720E-01	1.489E-01	9.380E-02
60.0 - 80.0	2.605E-01	4.507E 00	1.917E 00	5.400E-01	1.874E-01	9.360E-02
80.0 - 100.0	.000E 00	4.483E-01	1.948E 00	5.115E-01	1.714E-01	8.585E-02
100.0 - 125.0	.000E 00	.000E 00	4.509E-01	4.189E-01	1.470E-01	6.980E-02
125.0 - 150.0	.000E 00	.000E 00	2.509E-03	3.135E-01	1.125E-01	5.450E-02
150.0 - 175.0	.000E 00	.000E 00	.000E 00	1.642E-01	1.005E-01	5.130E-02
175.0 - 200.0	.000E 00	.000E 00	.000E 00	8.625E-02	8.305E-02	3.953E-02
200.0 - 250.0	.000E 00	.000E 00	.000E 00	1.855E-02	5.445E-02	3.311E-02
250.0 - 300.0	.000E 00	.000E 00	.000E 00	3.199E-04	2.144E-02	1.920E-02
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	7.890E-03	1.041E-02
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	1.458E-03	4.943E-03
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	2.283E-04	2.258E-03
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	8.140E-04
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	3.702E-04
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	4.651E-07
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	1.021E 07	1.034E 07	9.544E 06	8.752E 06	7.179E 06	5.461E 06

TABLE XI. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

5.000E-01 TO 8.230E-01 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 5.00E-05 - 7.00E-05	7.00E-05 - 1.00E-04	1.00E-04 - 2.00E-04	2.00E-04 - 4.00E-04	4.00E-04 - 7.00E-04	7.00E-04 - 1.00E-03
.0 - 10.0	.000E 00	1.093E-01	.000E 00	.000E 00	.000E 00	9.335E-05
10.0 - 20.0	2.425E-02	4.924E-02	6.550E-03	3.099E-04	7.615E-05	1.086E-05
20.0 - 40.0	5.550E-02	2.893E-02	6.735E-03	3.695E-04	1.072E-04	4.789E-06
40.0 - 60.0	5.345E-02	1.915E-02	7.210E-03	8.200E-04	1.142E-04	1.212E-05
60.0 - 80.0	4.026E-02	2.078E-02	4.895E-03	7.310E-04	8.450E-05	1.650E-05
80.0 - 100.0	3.824E-02	1.681E-02	5.880E-03	6.480E-04	7.175E-05	2.034E-05
100.0 - 125.0	4.010E-02	2.107E-02	4.974E-03	7.245E-04	9.995E-05	1.463E-05
125.0 - 150.0	3.855E-02	1.777E-02	4.745E-03	6.015E-04	8.625E-05	1.548E-05
150.0 - 175.0	3.159E-02	1.447E-02	4.456E-03	6.000E-04	6.875E-05	1.461E-05
175.0 - 200.0	2.578E-02	1.623E-02	3.991E-03	6.340E-04	7.085E-05	1.276E-05
200.0 - 250.0	1.674E-02	9.520E-03	3.150E-03	4.884E-04	5.930E-05	1.212E-05
250.0 - 300.0	1.106E-02	6.025E-03	2.163E-03	4.138E-04	4.596E-05	9.355E-06
300.0 - 350.0	8.155E-03	4.251E-03	1.648E-03	2.895E-04	3.622E-05	6.790E-06
350.0 - 400.0	3.873E-03	2.830E-03	1.126E-03	1.981E-04	2.477E-05	5.375E-06
400.0 - 450.0	2.243E-03	1.608E-03	6.880E-04	1.463E-04	1.809E-05	3.332E-06
450.0 - 500.0	1.664E-03	9.155E-04	5.425E-04	9.515E-05	1.278E-05	2.487E-06
500.0 - 600.0	6.360E-04	5.265E-04	2.182E-04	4.503E-05	6.735E-06	1.469E-06
600.0 - 800.0	7.220E-05	1.099E-04	5.725E-05	1.495E-05	1.973E-06	3.865E-07
800.0 - 1000.0	2.091E-06	1.037E-05	8.850E-06	2.607E-06	3.863E-07	7.940E-08
1000.0 - 1200.0	.000E 00	.000E 00	3.747E-07	2.445E-07	4.055E-08	1.199E-08
1200.0 - 1500.0	.000E 00	.000E 00	2.605E-07	3.164E-08	2.726E-09	6.135E-10
TOTAL ENERGY DEPOSITION/SEC	3.888E 06	2.366E 06	8.970E 05	1.655E 05	2.112E 04	4.219E 03

TABLE XI. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

5.000E-01 TO 8.230E-01 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 1.00E-03 - 2.00E-03	2.00E-03 - 3.50E-03
.0 - 10.0	.000E 00	.000E 00
10.0 - 20.0	3.871E-06	4.558E-07
20.0 - 40.0	1.873E-06	9.335E-07
40.0 - 60.0	3.257E-06	4.262E-07
60.0 - 80.0	2.481E-06	4.531E-07
80.0 - 100.0	2.542E-06	4.320E-07
100.0 - 125.0	2.493E-06	2.637E-07
125.0 - 150.0	2.654E-06	2.960E-07
150.0 - 175.0	2.563E-06	2.532E-07
175.0 - 200.0	2.264E-06	2.542E-07
200.0 - 250.0	1.950E-06	2.347E-07
250.0 - 300.0	1.615E-06	1.937E-07
300.0 - 350.0	1.365E-06	1.594E-07
350.0 - 400.0	9.005E-07	1.068E-07
400.0 - 450.0	6.060E-07	8.100E-08
450.0 - 500.0	4.083E-07	4.755E-08
500.0 - 600.0	2.693E-07	3.033E-08
600.0 - 800.0	7.915E-08	9.705E-09
800.0 - 1000.0	1.511E-08	1.965E-09
1000.0 - 1200.0	3.360E-09	2.794E-10
1200.0 - 1500.0	7.435E-11	4.897E-12
TOTAL ENERGY DEPOSITION/SEC	7.620E 02	9.090E 01

TABLE XII. TIME-DEPENDENT ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 0.823 TO 1.353 MeV

(keV m^{-3} sec^{-1}/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) .00E 00 - 2.00E-07	2.00E-07 - 3.00E-07	3.00E-07 - 5.00E-07	5.00E-07 - 1.00E-06	1.00E-06 - 2.00E-06	2.00E-06 - 3.00E-06
.0 - 10.0	5.235E 03	5.480E 03	4.732E 03	1.446E 03	1.414E 02	5.700E 00
10.0 - 20.0	.000E 00	.000E 00	.000E 00	5.580E 02	2.789E 02	7.245E 00
20.0 - 40.0	.000E 00	.000E 00	.000E 00	.000E 00	5.705E 01	6.350E 01
40.0 - 60.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	1.067E 01
60.0 - 80.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
80.0 - 100.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
100.0 - 125.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
125.0 - 150.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
150.0 - 175.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
175.0 - 200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
200.0 - 250.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
250.0 - 300.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	2.194E 07	2.295E 07	1.982E 07	2.242E 07	2.215E 07	2.192E 07

TABLE XII. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

8.230E-01 TO 1.353E 00 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 3.00E-06 - 5.00E-06	5.00E-06 - 7.00E-06	7.00E-06 - 1.00E-05	1.00E-05 - 2.00E-05	2.00E-05 - 3.50E-05	3.50E-05 - 5.00E-05
.0 - 10.0	2.920E 01	7.605E-01	2.150E 00	1.121E 00	.000E 00	.000E 00
10.0 - 20.0	2.093E 01	4.788E 00	5.705E 00	5.725E-01	5.730E-01	1.876E-01
20.0 - 40.0	7.565E 00	5.060E 00	2.479E 00	9.620E-01	1.683E-01	5.595E-02
40.0 - 60.0	1.603E 01	3.417E 00	1.906E 00	8.620E-01	3.171E-01	7.535E-02
60.0 - 80.0	6.105E 00	4.443E 00	1.749E 00	7.200E-01	1.987E-01	7.880E-02
80.0 - 100.0	1.986E-01	4.024E 00	1.470E 00	5.880E-01	2.216E-01	7.890E-02
100.0 - 125.0	.000E 00	6.430E-01	1.486E 00	4.644E-01	1.657E-01	7.495E-02
125.0 - 150.0	.000E 00	.000E 00	6.195E-01	3.492E-01	1.475E-01	8.305E-02
150.0 - 175.0	.000E 00	.000E 00	7.635E-02	2.914E-01	1.231E-01	5.265E-02
175.0 - 200.0	.000E 00	.000E 00	.000E 00	1.787E-01	9.650E-02	4.401E-02
200.0 - 250.0	.000E 00	.000E 00	.000E 00	7.035E-02	6.935E-02	3.703E-02
250.0 - 300.0	.000E 00	.000E 00	.000E 00	1.591E-02	4.166E-02	2.954E-02
300.0 - 350.0	.000E 00	.000E 00	.000E 00	1.764E-03	2.303E-02	1.732E-02
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	8.870E-03	1.030E-02
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	2.408E-03	6.220E-03
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	9.915E-04	4.189E-03
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	1.107E-04	1.243E-03
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	9.945E-05
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	2.069E 07	1.981E 07	1.740E 07	1.435E 07	1.156E 07	8.595E 06

TABLE XII. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

8.230E-01 TO 1.353E 00 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 5.00E-05 - 7.00E-05	7.00E-05 - 1.00E-04	1.00E-04 - 2.00E-04	2.00E-04 - 4.00E-04	4.00E-04 - 7.00E-04	7.00E-04 - 1.00E-03
.0 - 10.0	.000E 00	.000E 00	5.665E-02	.000E 00	.000E 00	.000E 00
10.0 - 20.0	7.560E-02	2.026E-02	2.789E-03	.000E 00	.000E 00	.000E 00
20.0 - 40.0	7.410E-02	6.830E-03	4.369E-03	2.088E-04	2.762E-05	2.762E-06
40.0 - 60.0	4.375E-02	1.484E-02	2.526E-03	6.100E-04	4.632E-05	5.910E-06
60.0 - 80.0	4.397E-02	2.445E-02	4.602E-03	5.960E-04	4.836E-05	5.835E-06
80.0 - 100.0	4.445E-02	1.515E-02	5.590E-03	6.020E-04	5.540E-05	8.450E-06
100.0 - 125.0	3.760E-02	2.057E-02	5.005E-03	5.745E-04	3.982E-05	1.088E-05
125.0 - 150.0	3.815E-02	1.847E-02	4.528E-03	5.945E-04	5.515E-05	9.890E-06
150.0 - 175.0	3.073E-02	1.438E-02	3.666E-03	5.270E-04	5.570E-05	7.345E-06
175.0 - 200.0	2.866E-02	1.490E-02	3.720E-03	5.140E-04	5.480E-05	9.350E-06
200.0 - 250.0	2.039E-02	1.289E-02	3.321E-03	4.172E-04	4.649E-05	9.125E-06
250.0 - 300.0	1.740E-02	9.035E-03	2.402E-03	3.626E-04	3.895E-05	7.285E-06
300.0 - 350.0	1.188E-02	6.575E-03	2.216E-03	2.920E-04	3.511E-05	5.840E-06
350.0 - 400.0	8.580E-03	4.408E-03	1.570E-03	2.457E-04	2.393E-05	4.681E-06
400.0 - 450.0	5.325E-03	3.646E-03	1.149E-03	1.777E-04	2.221E-05	3.802E-06
450.0 - 500.0	3.525E-03	2.496E-03	8.815E-04	1.359E-04	1.523E-05	2.983E-06
500.0 - 600.0	1.663E-03	1.418E-03	5.390E-04	8.440E-05	1.076E-05	1.947E-06
600.0 - 800.0	3.141E-04	3.508E-04	1.770E-04	2.997E-05	3.860E-06	6.795E-07
800.0 - 1000.0	2.216E-05	4.333E-05	3.324E-05	7.050E-06	7.840E-07	1.393E-07
1000.0 - 1200.0	.000E 00	1.690E-06	6.125E-06	1.422E-06	1.753E-07	3.835E-08
1200.0 - 1500.0	.000E 00	.000E 00	7.995E-07	1.662E-07	2.337E-08	2.394E-09
TOTAL ENERGY DEPOSITION/SEC	6.346E 06	4.057E 06	1.418E 06	2.188E 05	2.543E 04	4.595E 03

TABLE XII. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

8.230E-01 TO 1.353E 00 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 1.00E-03 - 2.00E-03	2.00E-03 - 3.50E-03
.0 - 10.0	.000E 00	.000E 00
10.0 - 20.0	.000E 00	3.486E-07
20.0 - 40.0	1.725E-06	1.965E-07
40.0 - 60.0	2.089E-06	1.453E-07
60.0 - 80.0	1.269E-06	1.296E-07
80.0 - 100.0	1.031E-06	1.278E-07
100.0 - 125.0	1.968E-06	1.932E-07
125.0 - 150.0	1.365E-06	1.594E-07
150.0 - 175.0	1.639E-06	1.642E-07
175.0 - 200.0	1.454E-06	1.801E-07
200.0 - 250.0	1.429E-06	1.601E-07
250.0 - 300.0	1.160E-06	1.381E-07
300.0 - 350.0	9.955E-07	1.219E-07
350.0 - 400.0	8.290E-07	9.265E-08
400.0 - 450.0	6.235E-07	7.135E-08
450.0 - 500.0	4.961E-07	5.400E-08
500.0 - 600.0	3.154E-07	3.606E-08
600.0 - 800.0	1.305E-07	1.535E-08
800.0 - 1000.0	2.327E-08	2.922E-09
1000.0 - 1200.0	6.115E-09	5.845E-10
1200.0 - 1500.0	4.159E-10	5.770E-11
TOTAL ENERGY DEPOSITION/SEC	7.839E 02	9.035E 01

TABLE XIII. TIME-DEPENDENT ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 1.353 TO 1.738 MeV

(keV m^{-3} sec^{-1}/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) .00E 00 - 2.00E-07	2.00E-07 - 3.00E-07	3.00E-07 - 5.00E-07	5.00E-07 - 1.00E-06	1.00E-06 - 2.00E-06	2.00E-06 - 3.00E-06
.0 - 10.0	9.225E 03	1.059E 04	9.480E 03	1.784E 03	5.425E 01	1.042E 01
10.0 - 20.0	.000E 00	.000E 00	.000E 00	1.187E 03	1.963E 02	1.804E 01
20.0 - 40.0	.000E 00	.000E 00	.000E 00	.000E 00	1.387E 02	4.937E 01
40.0 - 60.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	3.543E 01
60.0 - 80.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
80.0 - 100.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
100.0 - 125.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
125.0 - 150.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
150.0 - 175.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
175.0 - 200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
200.0 - 250.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
250.0 - 300.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	3.865E 07	4.437E 07	3.970E 07	4.228E 07	3.851E 07	3.471E 07

TABLE XIII. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

1.353E 00 TO 1.738E 00 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 3.00E-06 - 5.00E-06	5.00E-06 - 7.00E-06	7.00E-06 - 1.00E-05	1.00E-05 - 2.00E-05	2.00E-05 - 3.50E-05	3.50E-05 - 5.00E-05
.0 - 10.0	9.575E-01	1.247E 01	.000E 00	.000E 00	.000E 00	2.684E-01
10.0 - 20.0	7.430E 00	7.270E 00	2.011E 00	4.681E-01	2.891E-01	2.568E-01
20.0 - 40.0	5.835E 00	4.585E 00	2.273E 00	9.765E-01	1.266E-01	8.220E-02
40.0 - 60.0	1.625E 01	3.634E 00	1.488E 00	5.520E-01	2.160E-01	7.855E-02
60.0 - 80.0	1.393E 01	3.313E 00	1.310E 00	5.465E-01	2.050E-01	8.585E-02
80.0 - 100.0	3.290E 00	5.475E 00	1.536E 00	4.923E-01	1.532E-01	9.705E-02
100.0 - 125.0	.000E 00	3.182E 00	1.556E 00	4.652E-01	1.673E-01	7.135E-02
125.0 - 150.0	.000E 00	1.831E-01	1.698E 00	4.114E-01	1.398E-01	6.935E-02
150.0 - 175.0	.000E 00	.000E 00	7.725E-01	3.712E-01	1.152E-01	6.885E-02
175.0 - 200.0	.000E 00	.000E 00	1.094E-01	3.644E-01	1.220E-01	5.335E-02
200.0 - 250.0	.000E 00	.000E 00	.000E 00	1.560E-01	8.045E-02	4.122E-02
250.0 - 300.0	.000E 00	.000E 00	.000E 00	6.450E-02	5.410E-02	3.180E-02
300.0 - 350.0	.000E 00	.000E 00	.000E 00	1.944E-02	3.712E-02	2.096E-02
350.0 - 400.0	.000E 00	.000E 00	.000E 00	1.675E-03	2.239E-02	1.340E-02
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	1.042E-02	8.980E-03
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	4.680E-03	6.500E-03
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	1.154E-03	2.385E-03
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	1.599E-05	5.405E-04
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	7.425E-06
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	3.594E 07	3.275E 07	3.026E 07	2.320E 07	1.646E 07	1.119E 07

TABLE XIII. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

1.353E 00 TO 1.738E 00 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 5.00E-05 - 7.00E-05	7.00E-05 - 1.00E-04	1.00E-04 - 2.00E-04	2.00E-04 - 4.00E-04	4.00E-04 - 7.00E-04	7.00E-04 - 1.00E-03
.0 - 10.0	.000E 00	.000E 00	3.281E-02	1.156E-03	.000E 00	.000E 00
10.0 - 20.0	8.720E-03	6.505E-03	8.450E-03	3.367E-04	3.374E-04	.000E 00
20.0 - 40.0	1.123E-02	4.913E-03	2.394E-03	6.790E-04	4.208E-05	3.801E-06
40.0 - 60.0	2.770E-02	9.445E-03	5.185E-03	4.187E-04	3.130E-05	6.600E-06
60.0 - 80.0	4.093E-02	1.661E-02	4.502E-03	4.463E-04	4.298E-05	1.240E-05
80.0 - 100.0	3.741E-02	1.570E-02	4.483E-03	5.530E-04	5.055E-05	7.995E-06
100.0 - 125.0	3.484E-02	2.075E-02	4.399E-03	5.700E-04	3.956E-05	8.490E-06
125.0 - 150.0	3.390E-02	1.616E-02	3.635E-03	4.279E-04	4.822E-05	8.640E-06
150.0 - 175.0	3.117E-02	1.611E-02	3.113E-03	4.200E-04	4.960E-05	8.050E-06
175.0 - 200.0	2.954E-02	1.247E-02	3.440E-03	3.516E-04	4.091E-05	6.405E-06
200.0 - 250.0	2.355E-02	1.120E-02	2.980E-03	3.742E-04	3.187E-05	6.285E-06
250.0 - 300.0	2.017E-02	9.495E-03	2.646E-03	3.164E-04	3.584E-05	6.210E-06
300.0 - 350.0	1.529E-02	7.125E-03	2.133E-03	2.769E-04	2.675E-05	4.708E-06
350.0 - 400.0	1.093E-02	5.745E-03	1.654E-03	2.238E-04	2.410E-05	4.095E-06
400.0 - 450.0	6.950E-03	4.356E-03	1.370E-03	1.865E-04	2.017E-05	3.166E-06
450.0 - 500.0	4.931E-03	3.019E-03	1.086E-03	1.492E-04	1.552E-05	2.503E-06
500.0 - 600.0	2.402E-03	2.113E-03	7.300E-04	9.790E-05	1.039E-05	1.922E-06
600.0 - 800.0	7.900E-04	6.540E-04	2.874E-04	4.362E-05	4.880E-06	8.405E-07
800.0 - 1000.0	7.110E-05	9.260E-05	6.300E-05	1.119E-05	1.293E-06	2.363E-07
1000.0 - 1200.0	6.665E-06	1.776E-05	1.539E-05	3.564E-06	3.560E-07	5.780E-08
1200.0 - 1500.0	.000E 00	1.183E-06	1.761E-06	3.836E-07	4.818E-08	9.675E-09
TOTAL ENERGY DEPOSITION/SEC	8.322E 06	5.094E 06	1.764E 06	2.497E 05	2.671E 04	4.648E 03

TABLE XIII. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

1.353E 00 TO 1.738E 00 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 1.00E-03 - 2.00E-03	2.00E-03 - 3.50E-03
.0 - 10.0	.000E 00	.000E 00
10.0 - 20.0	.000E 00	.000E 00
20.0 - 40.0	1.258E-06	2.393E-07
40.0 - 60.0	6.825E-07	1.373E-07
60.0 - 80.0	1.051E-06	1.216E-07
80.0 - 100.0	1.286E-06	7.445E-08
100.0 - 125.0	9.240E-07	1.101E-07
125.0 - 150.0	1.104E-06	1.282E-07
150.0 - 175.0	1.030E-06	1.184E-07
175.0 - 200.0	9.650E-07	1.200E-07
200.0 - 250.0	1.195E-06	1.317E-07
250.0 - 300.0	1.062E-06	1.037E-07
300.0 - 350.0	8.010E-07	9.530E-08
350.0 - 400.0	6.800E-07	7.450E-08
400.0 - 450.0	4.873E-07	5.610E-08
450.0 - 500.0	4.409E-07	5.225E-08
500.0 - 600.0	3.206E-07	3.325E-08
600.0 - 800.0	1.371E-07	1.459E-08
800.0 - 1000.0	4.065E-08	4.087E-09
1000.0 - 1200.0	1.031E-08	1.177E-09
1200.0 - 1500.0	1.344E-09	1.617E-10
TOTAL ENERGY DEPOSITION/SEC	7.704E 02	8.365E 01

TABLE XIV. TIME-DEPENDENT ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 1.738 TO 2.232 MeV

(keV m^{-3} sec^{-1}/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) .00E 00 - 2.00E-07	2.00E-07 - 3.00E-07	3.00E-07 - 5.00E-07	5.00E-07 - 1.00E-06	1.00E-06 - 2.00E-06	2.00E-06 - 3.00E-06
.0 - 10.0	1.363E 04	1.305E 04	1.162E 04	2.811E 02	6.825E 01	2.254E 01
10.0 - 20.0	.000E 00	.000E 00	3.999E 01	1.530E 03	5.805E 01	8.825E 00
20.0 - 40.0	.000E 00	.000E 00	.000E 00	2.485E 01	2.127E 02	2.330E 01
40.0 - 60.0	.000E 00	.000E 00	.000E 00	.000E 00	5.540E 00	6.060E 01
60.0 - 80.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	4.110E 00
80.0 - 100.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
100.0 - 125.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
125.0 - 150.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
150.0 - 175.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
175.0 - 200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
200.0 - 250.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
250.0 - 300.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	5.708E 07	5.464E 07	4.983E 07	5.186E 07	5.540E 07	4.951E 07

TABLE XIV. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

1.738E 00 TO 2.232E 00 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 3.00E-06 - 5.00E-06	5.00E-06 - 7.00E-06	7.00E-06 - 1.00E-05	1.00E-05 - 2.00E-05	2.00E-05 - 3.50E-05	3.50E-05 - 5.00E-05
.0 - 10.0	6.090E 01	.000E 00	5.875E 00	3.048E-01	.000E 00	.000E 00
10.0 - 20.0	9.270E 00	1.082E 01	4.270E 00	7.275E-01	4.394E-02	1.061E-01
20.0 - 40.0	9.150E 00	3.993E 00	1.883E 00	8.190E-01	1.277E-01	3.240E-02
40.0 - 60.0	8.760E 00	4.182E 00	1.989E 00	5.750E-01	2.335E-01	8.340E-02
60.0 - 80.0	1.751E 01	3.731E 00	1.853E 00	6.340E-01	2.149E-01	4.754E-02
80.0 - 100.0	6.835E 00	2.665E 00	1.459E 00	4.613E-01	1.867E-01	7.110E-02
100.0 - 125.0	5.730E-01	4.466E 00	1.377E 00	5.090E-01	1.515E-01	6.795E-02
125.0 - 150.0	.000E 00	2.090E 00	1.296E 00	4.959E-01	1.186E-01	6.750E-02
150.0 - 175.0	.000E 00	7.580E-02	1.417E 00	4.132E-01	1.104E-01	4.967E-02
175.0 - 200.0	.000E 00	.000E 00	6.690E-01	3.533E-01	1.050E-01	5.095E-02
200.0 - 250.0	.000E 00	.000E 00	5.820E-02	2.854E-01	9.050E-02	4.114E-02
250.0 - 300.0	.000E 00	.000E 00	.000E 00	1.262E-01	7.145E-02	3.049E-02
300.0 - 350.0	.000E 00	.000E 00	.000E 00	4.725E-02	4.656E-02	2.350E-02
350.0 - 400.0	.000E 00	.000E 00	.000E 00	1.836E-02	3.200E-02	2.040E-02
400.0 - 450.0	.000E 00	.000E 00	.000E 00	1.668E-03	1.854E-02	1.439E-02
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	1.207E-02	8.660E-03
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	3.300E-03	4.419E-03
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	2.711E-04	1.028E-03
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	1.484E-04
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	7.480E-07
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	4.623E 07	4.490E 07	4.138E 07	3.472E 07	2.185E 07	1.418E 07

TABLE XIV. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

1.738E 00 TO 2.232E 00 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 5.00E-05 - 7.00E-05	7.00E-05 - 1.00E-04	1.00E-04 - 2.00E-04	2.00E-04 - 4.00E-04	4.00E-04 - 7.00E-04	7.00E-04 - 1.00E-03
.0 - 10.0	.000E 00	.000E 00	2.134E-02	5.460E-03	.000E 00	.000E 00
10.0 - 20.0	.000E 00	.000E 00	.000E 00	2.637E-04	6.005E-05	1.917E-05
20.0 - 40.0	6.040E-04	1.497E-02	6.435E-03	1.221E-03	4.610E-05	1.702E-05
40.0 - 60.0	2.708E-02	1.293E-02	5.030E-03	8.585E-04	4.924E-05	1.599E-05
60.0 - 80.0	2.567E-02	1.584E-02	3.986E-03	7.025E-04	7.200E-05	8.245E-06
80.0 - 100.0	3.342E-02	8.890E-03	3.287E-03	5.065E-04	4.772E-05	7.540E-06
100.0 - 125.0	2.715E-02	1.218E-02	4.173E-03	4.189E-04	5.050E-05	4.728E-06
125.0 - 150.0	3.590E-02	1.348E-02	3.665E-03	3.941E-04	3.974E-05	4.613E-06
150.0 - 175.0	2.466E-02	1.214E-02	4.075E-03	3.923E-04	3.239E-05	5.900E-06
175.0 - 200.0	2.654E-02	1.177E-02	3.358E-03	3.396E-04	3.316E-05	5.625E-06
200.0 - 250.0	2.345E-02	1.141E-02	2.937E-03	3.282E-04	3.338E-05	4.893E-06
250.0 - 300.0	1.857E-02	1.052E-02	2.562E-03	2.886E-04	2.958E-05	5.920E-06
300.0 - 350.0	1.507E-02	7.430E-03	2.006E-03	2.431E-04	2.503E-05	4.907E-06
350.0 - 400.0	1.203E-02	6.120E-03	1.808E-03	2.207E-04	2.406E-05	3.959E-06
400.0 - 450.0	8.995E-03	5.140E-03	1.453E-03	1.843E-04	1.733E-05	3.135E-06
450.0 - 500.0	6.485E-03	4.053E-03	1.207E-03	1.582E-04	1.609E-05	2.571E-06
500.0 - 600.0	3.265E-03	2.195E-03	8.105E-04	1.126E-04	1.060E-05	1.777E-06
600.0 - 800.0	1.029E-03	8.170E-04	3.413E-04	4.910E-05	5.050E-06	8.410E-07
800.0 - 1000.0	2.013E-04	1.628E-04	9.405E-05	1.546E-05	1.487E-06	2.305E-07
1000.0 - 1200.0	2.420E-05	5.065E-05	2.496E-05	3.682E-06	4.467E-07	8.180E-08
1200.0 - 1500.0	1.541E-06	9.405E-06	4.811E-06	9.595E-07	8.445E-08	1.430E-08
TOTAL ENERGY DEPOSITION/SEC	9.597E 06	5.872E 06	2.005E 06	2.704E 05	2.711E 04	4.574E 03

TABLE XIV. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

1.738E 00 TO 2.232E 00 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 1.00E-03 - 2.00E-03	2.00E-03 - 3.50E-03
.0 - 10.0	.000E 00	.000E 00
10.0 - 20.0	.000E 00	1.007E-07
20.0 - 40.0	2.378E-06	6.595E-08
40.0 - 60.0	1.838E-06	1.080E-07
60.0 - 80.0	9.510E-07	1.111E-07
80.0 - 100.0	1.430E-06	1.594E-07
100.0 - 125.0	1.218E-06	1.053E-07
125.0 - 150.0	8.895E-07	1.036E-07
150.0 - 175.0	7.180E-07	1.167E-07
175.0 - 200.0	7.895E-07	7.875E-08
200.0 - 250.0	8.445E-07	9.070E-08
250.0 - 300.0	8.030E-07	9.420E-08
300.0 - 350.0	6.965E-07	7.895E-08
350.0 - 400.0	6.325E-07	6.480E-08
400.0 - 450.0	4.796E-07	5.470E-08
450.0 - 500.0	4.069E-07	4.349E-08
500.0 - 600.0	2.925E-07	3.107E-08
600.0 - 800.0	1.291E-07	1.562E-08
800.0 - 1000.0	4.050E-08	4.537E-09
1000.0 - 1200.0	1.190E-08	1.117E-09
1200.0 - 1500.0	2.081E-09	2.887E-10
TOTAL ENERGY DEPOSITION/SEC	7.155E 02	8.007E 01

TABLE XV. TIME-DEPENDENT ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 2.232 TO 2.865 MeV

(keV m^{-3} sec^{-1}/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) .00E 00 - 2.00E-07	2.00E-07 - 3.00E-07	3.00E-07 - 5.00E-07	5.00E-07 - 1.00E-06	1.00E-06 - 2.00E-06	2.00E-06 - 3.00E-06
.0 - 10.0	2.084E 04	2.072E 04	1.177E 04	5.360E 02	7.185E 01	.000E 00
10.0 - 20.0	.000E 00	.000E 00	8.350E 02	1.669E 03	5.945E 01	1.092E 01
20.0 - 40.0	.000E 00	.000E 00	.000E 00	9.465E 01	2.156E 02	2.132E 01
40.0 - 60.0	.000E 00	.000E 00	.000E 00	.000E 00	3.847E 01	6.525E 01
60.0 - 80.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	2.501E 01
80.0 - 100.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
100.0 - 125.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
125.0 - 150.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
150.0 - 175.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
175.0 - 200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
200.0 - 250.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
250.0 - 300.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	8.727E 07	8.678E 07	7.378E 07	7.337E 07	7.711E 07	7.787E 07

TABLE XV. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

2.232E 00 TO 2.865E 00 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 3.00E-06 - 5.00E-06	5.00E-06 - 7.00E-06	7.00E-06 - 1.00E-05	1.00E-05 - 2.00E-05	2.00E-05 - 3.50E-05	3.50E-05 - 5.00E-05
.0 - 10.0	.000E 00	.000E 00	1.666E 01	2.979E 00	.000E 00	.000E 00
10.0 - 20.0	.000E 00	2.981E 00	3.827E 00	1.982E-01	.000E 00	1.844E-01
20.0 - 40.0	8.335E 00	3.945E 00	1.470E 00	4.315E-01	1.647E-01	3.039E-02
40.0 - 60.0	5.015E 00	3.233E 00	1.861E 00	6.200E-01	1.635E-01	2.981E-02
60.0 - 80.0	1.193E 01	2.672E 00	1.742E 00	6.050E-01	1.664E-01	5.540E-02
80.0 - 100.0	1.232E 01	2.330E 00	1.156E 00	5.735E-01	1.980E-01	6.935E-02
100.0 - 125.0	4.819E 00	3.907E 00	1.169E 00	4.564E-01	1.309E-01	6.825E-02
125.0 - 150.0	.000E 00	4.462E 00	8.215E-01	3.939E-01	1.409E-01	4.843E-02
150.0 - 175.0	.000E 00	1.598E 00	1.319E 00	3.780E-01	1.162E-01	4.693E-02
175.0 - 200.0	.000E 00	.000E 00	1.117E 00	2.437E-01	1.059E-01	3.758E-02
200.0 - 250.0	.000E 00	.000E 00	5.110E-01	2.725E-01	9.235E-02	3.577E-02
250.0 - 300.0	.000E 00	.000E 00	.000E 00	2.030E-01	7.415E-02	3.585E-02
300.0 - 350.0	.000E 00	.000E 00	.000E 00	9.660E-02	5.480E-02	2.720E-02
350.0 - 400.0	.000E 00	.000E 00	.000E 00	5.025E-02	3.655E-02	1.989E-02
400.0 - 450.0	.000E 00	.000E 00	.000E 00	1.919E-02	2.310E-02	1.693E-02
450.0 - 500.0	.000E 00	.000E 00	.000E 00	2.639E-03	2.094E-02	1.007E-02
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	1.069E-02	6.255E-03
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	2.142E-03	2.758E-03
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	2.151E-05	5.790E-04
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	4.895E-05
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	6.435E 07	6.660E 07	5.544E 07	4.424E 07	2.999E 07	1.852E 07

TABLE XV. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

2.232E 00 TO 2.865E 00 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 5.00E-05 - 7.00E-05	7.00E-05 - 1.00E-04	1.00E-04 - 2.00E-04	2.00E-04 - 4.00E-04	4.00E-04 - 7.00E-04	7.00E-04 - 1.00E-03
.0 - 10.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
10.0 - 20.0	6.135E-02	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
20.0 - 40.0	4.996E-02	9.600E-03	9.675E-04	3.710E-04	2.231E-05	1.526E-06
40.0 - 60.0	2.931E-02	1.859E-02	2.764E-03	4.326E-04	5.435E-05	2.757E-06
60.0 - 80.0	2.087E-02	1.732E-02	3.139E-03	4.001E-04	3.771E-05	8.000E-06
80.0 - 100.0	1.952E-02	1.127E-02	2.547E-03	3.519E-04	1.883E-05	5.690E-06
100.0 - 125.0	2.504E-02	1.082E-02	3.068E-03	2.958E-04	3.187E-05	5.740E-06
125.0 - 150.0	2.112E-02	1.049E-02	1.960E-03	2.104E-04	2.256E-05	4.358E-06
150.0 - 175.0	2.355E-02	1.091E-02	2.278E-03	2.103E-04	2.411E-05	5.245E-06
175.0 - 200.0	2.158E-02	9.110E-03	2.402E-03	2.534E-04	2.762E-05	3.572E-06
200.0 - 250.0	2.034E-02	8.075E-03	2.027E-03	2.387E-04	2.513E-05	3.568E-06
250.0 - 300.0	1.946E-02	8.400E-03	1.992E-03	2.489E-04	2.039E-05	3.273E-06
300.0 - 350.0	1.349E-02	7.150E-03	1.887E-03	2.205E-04	1.941E-05	3.098E-06
350.0 - 400.0	1.179E-02	6.195E-03	1.632E-03	1.863E-04	1.856E-05	2.802E-06
400.0 - 450.0	7.995E-03	4.554E-03	1.386E-03	1.715E-04	1.424E-05	1.956E-06
450.0 - 500.0	6.250E-03	3.873E-03	1.213E-03	1.189E-04	1.165E-05	1.868E-06
500.0 - 600.0	4.569E-03	2.572E-03	8.265E-04	9.215E-05	8.455E-06	1.356E-06
600.0 - 800.0	1.640E-03	1.032E-03	3.973E-04	5.160E-05	4.747E-06	7.600E-07
800.0 - 1000.0	5.220E-04	3.681E-04	1.419E-04	1.914E-05	1.850E-06	2.815E-07
1000.0 - 1200.0	1.155E-04	8.055E-05	5.330E-05	7.095E-06	6.985E-07	9.370E-08
1200.0 - 1500.0	2.141E-05	1.388E-05	9.510E-06	1.664E-06	1.686E-07	2.964E-08
TOTAL ENERGY DEPOSITION/SEC	1.141E 07	6.459E 06	2.166E 06	2.669E 05	2.506E 04	3.892E 03

TABLE XV. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	2.232E 00 TO 2.865E 00 MEV NEUTRONS DELAY TIME (SEC) 1.00E-03 - 2.00E-03	2.00E-03 - 3.50E-03
.0 - 10.0	.000E 00	.000E 00
10.0 - 20.0	.000E 00	.000E 00
20.0 - 40.0	4.209E-08	.000E 00
40.0 - 60.0	2.108E-07	2.974E-08
60.0 - 80.0	6.455E-07	7.085E-08
80.0 - 100.0	1.093E-06	5.305E-08
100.0 - 125.0	6.720E-07	7.445E-08
125.0 - 150.0	8.605E-07	6.750E-08
150.0 - 175.0	7.620E-07	6.715E-08
175.0 - 200.0	6.330E-07	6.560E-08
200.0 - 250.0	5.120E-07	6.630E-08
250.0 - 300.0	4.698E-07	5.635E-08
300.0 - 350.0	5.320E-07	5.645E-08
350.0 - 400.0	5.055E-07	4.733E-08
400.0 - 450.0	3.372E-07	3.928E-08
450.0 - 500.0	2.988E-07	3.214E-08
500.0 - 600.0	2.166E-07	2.510E-08
600.0 - 800.0	1.247E-07	1.335E-08
800.0 - 1000.0	4.368E-08	4.950E-09
1000.0 - 1200.0	1.399E-08	1.531E-09
1200.0 - 1500.0	4.270E-09	4.184E-10
TOTAL ENERGY DEPOSITION/SEC	6.224E 02	6.777E 01

TABLE XVI. TIME-DEPENDENT ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 2.865 TO 3.680 MeV

(keV m^{-3} sec^{-1}/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) .00E 00 - 2.00E-07	2.00E-07 - 3.00E-07	3.00E-07 - 5.00E-07	5.00E-07 - 1.00E-06	1.00E-06 - 2.00E-06	2.00E-06 - 3.00E-06
.0 - 10.0	4.434E 04	4.052E 04	1.474E 04	5.005E 02	1.103E 02	2.921E 01
10.0 - 20.0	.000E 00	.000E 00	3.737E 03	2.954E 03	9.960E 01	6.275E 01
20.0 - 40.0	.000E 00	.000E 00	.000E 00	3.889E 02	3.935E 02	2.168E 01
40.0 - 60.0	.000E 00	.000E 00	.000E 00	.000E 00	1.232E 02	6.855E 01
60.0 - 80.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	7.700E 01
80.0 - 100.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	4.747E 00
100.0 - 125.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
125.0 - 150.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
150.0 - 175.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
175.0 - 200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
200.0 - 250.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
250.0 - 300.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	1.857E 08	1.697E 08	1.713E 08	1.799E 08	1.741E 08	1.559E 08

TABLE XVI. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

2.865E 00 TO 3.680E 00 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 3.00E-06 - 5.00E-06	5.00E-06 - 7.00E-06	7.00E-06 - 1.00E-05	1.00E-05 - 2.00E-05	2.00E-05 - 3.50E-05	3.50E-05 - 5.00E-05
.0 - 10.0	.000E 00	1.415E 01	9.535E 00	2.418E 00	.000E 00	.000E 00
10.0 - 20.0	3.079E 01	4.838E 00	.000E 00	8.690E-01	.000E 00	7.840E-02
20.0 - 40.0	8.885E 00	5.490E 00	1.977E 00	2.978E-01	1.134E-01	5.930E-02
40.0 - 60.0	6.345E 00	4.162E 00	2.162E 00	8.015E-01	1.133E-01	4.517E-02
60.0 - 80.0	7.970E 00	2.641E 00	1.839E 00	4.701E-01	1.601E-01	8.705E-02
80.0 - 100.0	2.334E 01	3.091E 00	1.877E 00	5.825E-01	1.923E-01	4.778E-02
100.0 - 125.0	1.196E 01	2.559E 00	1.487E 00	5.840E-01	1.660E-01	5.220E-02
125.0 - 150.0	3.320E 00	5.740E 00	9.145E-01	5.430E-01	1.345E-01	3.965E-02
150.0 - 175.0	.000E 00	4.927E 00	1.119E 00	4.170E-01	1.486E-01	4.814E-02
175.0 - 200.0	.000E 00	1.273E 00	1.436E 00	3.570E-01	1.199E-01	3.457E-02
200.0 - 250.0	.000E 00	1.343E-02	1.101E 00	2.555E-01	9.135E-02	3.797E-02
250.0 - 300.0	.000E 00	.000E 00	1.980E-01	2.422E-01	7.895E-02	2.974E-02
300.0 - 350.0	.000E 00	.000E 00	.000E 00	1.517E-01	5.255E-02	2.877E-02
350.0 - 400.0	.000E 00	.000E 00	.000E 00	8.490E-02	3.975E-02	1.989E-02
400.0 - 450.0	.000E 00	.000E 00	.000E 00	4.140E-02	2.507E-02	1.498E-02
450.0 - 500.0	.000E 00	.000E 00	.000E 00	1.436E-02	1.918E-02	1.115E-02
500.0 - 600.0	.000E 00	.000E 00	.000E 00	2.139E-03	1.174E-02	7.230E-03
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	2.538E-03	2.244E-03
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	8.555E-05	4.847E-04
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	4.251E-05
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	7.580E-06
TOTAL ENERGY DEPOSITION/SEC	1.322E 08	1.136E 08	8.915E 07	6.023E 07	3.178E 07	1.778E 07

TABLE XVI. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

2.865E 00 TO 3.680E 00 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 5.00E-05 - 7.00E-05	7.00E-05 - 1.00E-04	1.00E-04 - 2.00E-04	2.00E-04 - 4.00E-04	4.00E-04 - 7.00E-04	7.00E-04 - 1.00E-03
.0 - 10.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
10.0 - 20.0	.000E 00	.000E 00	2.337E-03	.000E 00	.000E 00	.000E 00
20.0 - 40.0	1.725E-02	1.910E-02	4.898E-04	1.667E-05	2.832E-05	1.310E-06
40.0 - 60.0	7.440E-03	2.021E-02	2.629E-03	1.943E-04	5.525E-05	6.530E-06
60.0 - 80.0	2.892E-02	9.685E-03	2.697E-03	2.387E-04	3.828E-05	4.148E-06
80.0 - 100.0	2.943E-02	9.280E-03	2.863E-03	2.919E-04	2.647E-05	3.567E-06
100.0 - 125.0	2.475E-02	8.170E-03	1.919E-03	2.962E-04	1.579E-05	3.499E-06
125.0 - 150.0	2.237E-02	1.015E-02	2.378E-03	2.103E-04	1.510E-05	2.411E-06
150.0 - 175.0	1.910E-02	9.340E-03	2.071E-03	2.017E-04	1.945E-05	3.535E-06
175.0 - 200.0	2.200E-02	8.675E-03	1.890E-03	2.220E-04	2.042E-05	2.820E-06
200.0 - 250.0	1.619E-02	8.170E-03	1.981E-03	2.221E-04	1.975E-05	3.564E-06
250.0 - 300.0	1.493E-02	6.565E-03	1.751E-03	1.876E-04	1.820E-05	2.441E-06
300.0 - 350.0	1.289E-02	5.855E-03	1.626E-03	1.692E-04	1.379E-05	1.904E-06
350.0 - 400.0	1.080E-02	5.590E-03	1.367E-03	1.529E-04	1.135E-05	1.930E-06
400.0 - 450.0	9.055E-03	4.110E-03	1.205E-03	1.145E-04	1.078E-05	1.739E-06
450.0 - 500.0	6.000E-03	2.999E-03	9.550E-04	1.085E-04	1.035E-05	1.468E-06
500.0 - 600.0	4.224E-03	2.212E-03	6.990E-04	8.240E-05	6.815E-06	1.056E-06
600.0 - 800.0	1.624E-03	1.007E-03	3.472E-04	4.418E-05	4.021E-06	6.355E-07
800.0 - 1000.0	4.431E-04	3.031E-04	1.242E-04	1.517E-05	1.524E-06	2.326E-07
1000.0 - 1200.0	1.366E-04	1.018E-04	4.450E-05	5.945E-06	5.365E-07	7.650E-08
1200.0 - 1500.0	2.991E-05	2.303E-05	1.093E-05	1.928E-06	1.262E-07	1.893E-08
TOTAL ENERGY DEPOSITION/SEC	1.081E 07	5.846E 06	1.881E 06	2.254E 05	2.000E 04	3.069E 03

TABLE XVI. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

2.865E 00 TO 3.680E 00 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 1.00E-03 - 2.00E-03	2.00E-03 - 3.50E-03
.0 - 10.0	.000E 00	.000E 00
10.0 - 20.0	8.965E-07	.000E 00
20.0 - 40.0	1.282E-06	.000E 00
40.0 - 60.0	5.380E-07	1.803E-08
60.0 - 80.0	3.480E-07	7.770E-08
80.0 - 100.0	3.779E-07	7.105E-08
100.0 - 125.0	5.135E-07	3.670E-08
125.0 - 150.0	4.302E-07	4.420E-08
150.0 - 175.0	4.468E-07	5.690E-08
175.0 - 200.0	4.222E-07	5.090E-08
200.0 - 250.0	5.345E-07	5.380E-08
250.0 - 300.0	4.400E-07	4.471E-08
300.0 - 350.0	3.653E-07	3.724E-08
350.0 - 400.0	2.983E-07	3.409E-08
400.0 - 450.0	2.578E-07	2.844E-08
450.0 - 500.0	2.174E-07	2.441E-08
500.0 - 600.0	1.697E-07	1.785E-08
600.0 - 800.0	9.365E-08	1.038E-08
800.0 - 1000.0	3.600E-08	3.983E-09
1000.0 - 1200.0	1.359E-08	1.394E-09
1200.0 - 1500.0	2.750E-09	2.734E-10
TOTAL ENERGY DEPOSITION/SEC	4.786E 02	5.168E 01

TABLE XVII. TIME-DEPENDENT ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 3.680 TO 6.070 MeV

(keV m^{-3} sec^{-1}/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) .00E 00 - 2.00E-07	2.00E-07 - 3.00E-07	3.00E-07 - 5.00E-07	5.00E-07 - 1.00E-06	1.00E-06 - 2.00E-06	2.00E-06 - 3.00E-06
.0 - 10.0	6.255E 04	6.025E 04	5.160E 03	7.515E 02	.000E 00	.000E 00
10.0 - 20.0	.000E 00	8.820E 02	9.755E 03	1.819E 03	5.245E 01	5.585E 01
20.0 - 40.0	.000E 00	.000E 00	.000E 00	9.055E 02	2.798E 02	4.608E 01
40.0 - 60.0	.000E 00	.000E 00	.000E 00	.000E 00	2.546E 02	2.422E 01
60.0 - 80.0	.000E 00	.000E 00	.000E 00	.000E 00	3.764E 01	8.835E 01
80.0 - 100.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	5.285E 01
100.0 - 125.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	4.446E 00
125.0 - 150.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
150.0 - 175.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
175.0 - 200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
200.0 - 250.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
250.0 - 300.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	2.621E 08	2.782E 08	3.077E 08	2.689E 08	2.759E 08	2.631E 08

TABLE XVII. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

3.680E 00 TO 6.070E 00 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 3.00E-06 - 5.00E-06	5.00E-06 - 7.00E-06	7.00E-06 - 1.00E-05	1.00E-05 - 2.00E-05	2.00E-05 - 3.50E-05	3.50E-05 - 5.00E-05
.0 - 10.0	2.894E 01	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
10.0 - 20.0	1.339E 01	.000E 00	.000E 00	2.991E-01	3.321E-02	.000E 00
20.0 - 40.0	9.770E 00	6.180E 00	1.144E 00	9.355E-01	7.310E-02	1.219E-02
40.0 - 60.0	6.280E 00	2.380E 00	1.227E 00	4.403E-01	1.005E-01	3.103E-02
60.0 - 80.0	8.005E 00	3.417E 00	1.712E 00	5.305E-01	6.565E-02	2.725E-02
80.0 - 100.0	1.269E 01	3.281E 00	1.383E 00	3.471E-01	1.011E-01	2.065E-02
100.0 - 125.0	1.618E 01	3.189E 00	1.190E 00	5.965E-01	1.155E-01	2.454E-02
125.0 - 150.0	1.155E 01	2.975E 00	1.199E 00	4.823E-01	9.065E-02	3.648E-02
150.0 - 175.0	4.236E 00	5.000E 00	1.277E 00	4.552E-01	9.720E-02	3.634E-02
175.0 - 200.0	3.133E-01	4.993E 00	1.189E 00	4.473E-01	7.775E-02	3.100E-02
200.0 - 250.0	.000E 00	1.442E 00	1.513E 00	3.203E-01	8.080E-02	2.183E-02
250.0 - 300.0	.000E 00	3.995E-02	1.123E 00	2.749E-01	5.985E-02	2.385E-02
300.0 - 350.0	.000E 00	.000E 00	2.989E-01	2.437E-01	4.750E-02	1.732E-02
350.0 - 400.0	.000E 00	.000E 00	3.750E-02	1.785E-01	3.920E-02	1.447E-02
400.0 - 450.0	.000E 00	.000E 00	.000E 00	1.173E-01	3.435E-02	1.034E-02
450.0 - 500.0	.000E 00	.000E 00	.000E 00	6.545E-02	2.710E-02	1.086E-02
500.0 - 600.0	.000E 00	.000E 00	.000E 00	2.708E-02	1.859E-02	6.670E-03
600.0 - 800.0	.000E 00	.000E 00	.000E 00	2.526E-03	9.000E-03	3.180E-03
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	2.129E-03	1.417E-03
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	2.340E-04	4.062E-04
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	1.206E-04
TOTAL ENERGY DEPOSITION/SEC	2.147E 08	1.891E 08	1.667E 08	1.072E 08	4.616E 07	1.949E 07

TABLE XVII. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

3.680E 00 TO 6.070E 00 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 5.00E-05 - 7.00E-05	7.00E-05 - 1.00E-04	1.00E-04 - 2.00E-04	2.00E-04 - 4.00E-04	4.00E-04 - 7.00E-04	7.00E-04 - 1.00E-03
.0 - 10.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
10.0 - 20.0	.000E 00	2.690E-02	.000E 00	6.070E-05	7.795E-06	.000E 00
20.0 - 40.0	.000E 00	5.015E-03	8.020E-04	4.582E-05	1.268E-05	1.373E-06
40.0 - 60.0	3.700E-03	5.265E-03	2.257E-03	3.332E-05	4.168E-06	9.250E-07
60.0 - 80.0	1.199E-02	3.938E-03	3.548E-03	1.672E-04	4.457E-06	3.493E-07
80.0 - 100.0	6.715E-03	4.981E-03	1.840E-03	1.275E-04	8.455E-06	2.733E-06
100.0 - 125.0	7.835E-03	5.285E-03	2.014E-03	1.132E-04	6.065E-06	1.822E-06
125.0 - 150.0	1.259E-02	5.240E-03	1.352E-03	1.641E-04	7.960E-06	1.612E-06
150.0 - 175.0	1.509E-02	5.150E-03	1.368E-03	1.379E-04	8.045E-06	1.842E-06
175.0 - 200.0	1.161E-02	5.250E-03	1.198E-03	1.196E-04	1.076E-05	1.743E-06
200.0 - 250.0	1.087E-02	4.907E-03	1.060E-03	9.460E-05	6.710E-06	1.455E-06
250.0 - 300.0	1.015E-02	3.471E-03	9.040E-04	8.630E-05	8.890E-06	1.218E-06
300.0 - 350.0	8.590E-03	3.258E-03	8.895E-04	8.730E-05	8.090E-06	1.278E-06
350.0 - 400.0	6.195E-03	2.582E-03	7.570E-04	8.515E-05	6.920E-06	1.280E-06
400.0 - 450.0	5.995E-03	2.281E-03	7.340E-04	7.095E-05	6.315E-06	9.110E-07
450.0 - 500.0	4.229E-03	2.130E-03	5.905E-04	6.975E-05	5.510E-06	8.100E-07
500.0 - 600.0	3.395E-03	1.723E-03	4.588E-04	4.777E-05	4.184E-06	6.155E-07
600.0 - 800.0	1.708E-03	8.355E-04	2.522E-04	2.913E-05	2.435E-06	3.429E-07
800.0 - 1000.0	6.845E-04	2.960E-04	1.054E-04	1.303E-05	1.006E-06	1.683E-07
1000.0 - 1200.0	2.421E-04	1.381E-04	5.000E-05	5.145E-06	5.125E-07	5.915E-08
1200.0 - 1500.0	4.420E-05	4.145E-05	1.577E-05	2.001E-06	1.631E-07	2.386E-08
TOTAL ENERGY DEPOSITION/SEC	9.477E 06	4.507E 06	1.385E 06	1.533E 05	1.293E 04	1.929E 03

TABLE XVII. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

3.680E 00 TO 6.070E 00 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 1.00E-03 - 2.00E-03	2.00E-03 - 3.50E-03
.0 - 10.0	.000E 00	.000E 00
10.0 - 20.0	.000E 00	.000E 00
20.0 - 40.0	1.186E-07	.000E 00
40.0 - 60.0	3.494E-08	2.103E-08
60.0 - 80.0	1.594E-07	1.195E-08
80.0 - 100.0	2.726E-07	2.004E-08
100.0 - 125.0	4.212E-07	4.238E-08
125.0 - 150.0	4.965E-07	2.479E-08
150.0 - 175.0	2.832E-07	3.069E-08
175.0 - 200.0	1.960E-07	3.527E-08
200.0 - 250.0	2.012E-07	2.571E-08
250.0 - 300.0	2.150E-07	1.710E-08
300.0 - 350.0	1.761E-07	1.886E-08
350.0 - 400.0	1.804E-07	1.723E-08
400.0 - 450.0	1.378E-07	1.568E-08
450.0 - 500.0	1.408E-07	1.438E-08
500.0 - 600.0	1.029E-07	9.810E-09
600.0 - 800.0	5.180E-08	5.860E-09
800.0 - 1000.0	2.542E-08	2.520E-09
1000.0 - 1200.0	9.455E-09	1.055E-09
1200.0 - 1500.0	3.611E-09	3.558E-10
TOTAL ENERGY DEPOSITION/SEC	2.991E 02	3.109E 01

TABLE XVIII. TIME-DEPENDENT ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 6.070 TO 7.790 MeV

($keV\ m^{-3}\ sec^{-1}$/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) .00E 00 - 2.00E-07	2.00E-07 - 3.00E-07	3.00E-07 - 5.00E-07	5.00E-07 - 1.00E-06	1.00E-06 - 2.00E-06	2.00E-06 - 3.00E-06
.0 - 10.0	9.915E 04	3.423E 04	3.246E 02	.000E 00	1.461E 02	.000E 00
10.0 - 20.0	.000E 00	8.825E 03	9.125E 03	3.380E 02	4.610E 01	.000E 00
20.0 - 40.0	.000E 00	.000E 00	2.651E 02	1.578E 03	5.730E 01	1.532E 01
40.0 - 60.0	.000E 00	.000E 00	.000E 00	2.966E 01	2.383E 02	1.114E 01
60.0 - 80.0	.000E 00	.000E 00	.000E 00	.000E 00	1.153E 02	1.511E 01
80.0 - 100.0	.000E 00	.000E 00	.000E 00	.000E 00	9.325E 00	6.300E 01
100.0 - 125.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	3.726E 01
125.0 - 150.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	1.505E 00
150.0 - 175.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
175.0 - 200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
200.0 - 250.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
250.0 - 300.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	4.153E 08	4.021E 08	3.311E 08	3.989E 08	3.291E 08	3.159E 08

TABLE XVIII. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

6.070E 00 TO 7.790E 00 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 3.00E-06 - 5.00E-06	5.00E-06 - 7.00E-06	7.00E-06 - 1.00E-05	1.00E-05 - 2.00E-05	2.00E-05 - 3.50E-05	3.50E-05 - 5.00E-05
.0 - 10.0	.000E 00	.000E 00	3.757E 01	.000E 00	.000E 00	.000E 00
10.0 - 20.0	1.336E 01	.000E 00	1.169E 00	3.706E 00	9.405E-02	.000E 00
20.0 - 40.0	6.900E 00	1.842E 00	1.007E 00	2.200E-01	1.135E-02	2.837E-03
40.0 - 60.0	4.315E 00	2.018E 00	1.389E 00	2.813E-01	1.384E-01	2.736E-02
60.0 - 80.0	3.345E 00	1.321E 00	9.295E-01	4.431E-01	1.222E-01	2.050E-02
80.0 - 100.0	4.572E 00	1.737E 00	1.152E 00	4.304E-01	9.985E-02	4.375E-02
100.0 - 125.0	5.190E 00	1.554E 00	1.207E 00	4.344E-01	6.770E-02	3.453E-02
125.0 - 150.0	1.326E 01	2.016E 00	7.930E-01	3.397E-01	6.430E-02	1.732E-02
150.0 - 175.0	9.410E 00	1.304E 00	8.455E-01	3.113E-01	6.255E-02	1.634E-02
175.0 - 200.0	5.065E 00	1.963E 00	9.610E-01	3.812E-01	6.370E-02	2.092E-02
200.0 - 250.0	4.354E-01	3.795E 00	7.325E-01	2.681E-01	7.575E-02	1.782E-02
250.0 - 300.0	.000E 00	1.269E 00	9.345E-01	2.480E-01	5.665E-02	1.612E-02
300.0 - 350.0	.000E 00	.000E 00	9.370E-01	1.876E-01	5.780E-02	1.355E-02
350.0 - 400.0	.000E 00	.000E 00	4.198E-01	1.537E-01	4.504E-02	1.282E-02
400.0 - 450.0	.000E 00	.000E 00	4.884E-02	1.715E-01	4.300E-02	1.076E-02
450.0 - 500.0	.000E 00	.000E 00	.000E 00	1.148E-01	3.308E-02	9.330E-03
500.0 - 600.0	.000E 00	.000E 00	.000E 00	5.825E-02	2.338E-02	8.200E-03
600.0 - 800.0	.000E 00	.000E 00	.000E 00	1.388E-02	1.363E-02	4.709E-03
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	9.260E-05	5.580E-03	2.088E-03
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	1.164E-03	1.080E-03
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	1.022E-04	4.430E-04
TOTAL ENERGY DEPOSITION/SEC	2.661E 08	2.393E 08	2.049E 08	1.342E 08	6.633E 07	2.624E 07

TABLE XVIII. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

6.070E 00 TO 7.790E 00 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 5.00E-05 - 7.00E-05	7.00E-05 - 1.00E-04	1.00E-04 - 2.00E-04	2.00E-04 - 4.00E-04	4.00E-04 - 7.00E-04	7.00E-04 - 1.00E-03
.0 - 10.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
10.0 - 20.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
20.0 - 40.0	3.680E-03	4.978E-04	5.855E-04	3.528E-05	1.093E-05	8.960E-07
40.0 - 60.0	6.450E-03	4.001E-03	6.675E-04	4.235E-05	2.171E-05	1.962E-07
60.0 - 80.0	2.254E-03	5.500E-03	7.965E-04	5.505E-05	8.465E-06	1.132E-06
80.0 - 100.0	3.982E-03	2.741E-03	7.430E-04	5.885E-05	1.042E-05	9.180E-07
100.0 - 125.0	8.595E-03	2.238E-03	5.565E-04	6.220E-05	1.001E-05	2.536E-06
125.0 - 150.0	9.055E-03	4.764E-03	5.620E-04	6.850E-05	8.925E-06	1.860E-06
150.0 - 175.0	8.635E-03	3.643E-03	7.150E-04	7.255E-05	6.350E-06	2.157E-06
175.0 - 200.0	7.175E-03	3.800E-03	7.910E-04	8.345E-05	8.140E-06	1.731E-06
200.0 - 250.0	7.075E-03	2.982E-03	8.880E-04	9.595E-05	6.200E-06	8.960E-07
250.0 - 300.0	7.855E-03	3.269E-03	7.825E-04	7.940E-05	6.105E-06	1.146E-06
300.0 - 350.0	6.450E-03	2.518E-03	6.830E-04	7.945E-05	6.530E-06	9.325E-07
350.0 - 400.0	4.792E-03	2.309E-03	6.360E-04	5.890E-05	5.415E-06	9.755E-07
400.0 - 450.0	3.863E-03	1.820E-03	4.849E-04	5.205E-05	4.638E-06	8.055E-07
450.0 - 500.0	3.513E-03	1.621E-03	4.696E-04	4.551E-05	4.443E-06	7.085E-07
500.0 - 600.0	3.028E-03	1.243E-03	3.482E-04	4.156E-05	3.645E-06	5.375E-07
600.0 - 800.0	2.032E-03	8.605E-04	2.115E-04	2.339E-05	1.895E-06	3.234E-07
800.0 - 1000.0	8.675E-04	3.768E-04	1.062E-04	1.251E-05	9.625E-07	1.471E-07
1000.0 - 1200.0	4.125E-04	1.584E-04	5.255E-05	5.360E-06	4.296E-07	6.185E-08
1200.0 - 1500.0	1.826E-04	5.940E-05	1.699E-05	2.186E-06	1.458E-07	2.115E-08
TOTAL ENERGY DEPOSITION/SEC	1.061E 07	4.388E 06	1.202E 06	1.340E 05	1.087E 04	1.727E 03

TABLE XVIII. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

6.070E 00 TO 7.790E 00 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 1.00E-03 - 2.00E-03	2.00E-03 - 3.50E-03
.0 - 10.0	.000E 00	.000E 00
10.0 - 20.0	.000E 00	.000E 00
20.0 - 40.0	1.672E-07	.000E 00
40.0 - 60.0	3.609E-07	1.079E-08
60.0 - 80.0	4.479E-07	1.729E-08
80.0 - 100.0	3.172E-07	3.143E-08
100.0 - 125.0	3.145E-07	3.702E-08
125.0 - 150.0	1.944E-07	2.853E-08
150.0 - 175.0	2.220E-07	2.058E-08
175.0 - 200.0	2.447E-07	3.291E-08
200.0 - 250.0	2.141E-07	1.724E-08
250.0 - 300.0	1.754E-07	2.270E-08
300.0 - 350.0	1.507E-07	1.897E-08
350.0 - 400.0	1.539E-07	1.613E-08
400.0 - 450.0	1.628E-07	1.587E-08
450.0 - 500.0	1.226E-07	1.464E-08
500.0 - 600.0	9.225E-08	9.720E-09
600.0 - 800.0	4.882E-08	5.750E-09
800.0 - 1000.0	2.170E-08	2.487E-09
1000.0 - 1200.0	1.110E-08	1.133E-09
1200.0 - 1500.0	3.063E-09	3.439E-10
TOTAL ENERGY DEPOSITION/SEC	2.782E 02	3.089E 01

TABLE XIX TIME-DEPENDENT ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 7.790 TO 10.0 MeV

(keV m^{-3} sec^{-1}/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) .00E 00 - 2.00E-07	2.00E-07 - 3.00E-07	3.00E-07 - 5.00E-07	5.00E-07 - 1.00E-06	1.00E-06 - 2.00E-06	2.00E-06 - 3.00E-06
.0 - 10.0	1.260E 05	7.890E 03	.000E 00	.000E 00	.000E 00	.000E 00
10.0 - 20.0	.000E 00	1.504E 04	8.555E 03	.000E 00	2.093E 01	1.438E 01
20.0 - 40.0	.000E 00	.000E 00	9.670E 02	1.560E 03	2.304E 01	5.580E 00
40.0 - 60.0	.000E 00	.000E 00	.000E 00	2.738E 02	2.461E 02	1.011E 01
60.0 - 80.0	.000E 00	.000E 00	.000E 00	.000E 00	1.683E 02	1.588E 01
80.0 - 100.0	.000E 00	.000E 00	.000E 00	.000E 00	6.005E 01	2.830E 01
100.0 - 125.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	5.780E 01
125.0 - 150.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	1.838E 01
150.0 - 175.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	2.794E-01
175.0 - 200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
200.0 - 250.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
250.0 - 300.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	5.275E 08	4.741E 08	4.776E 08	5.403E 08	4.940E 08	4.283E 08

TABLE XIX. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

7.790E 00 TO 1.000E 01 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 3.00E-06 - 5.00E-06	5.00E-06 - 7.00E-06	7.00E-06 - 1.00E-05	1.00E-05 - 2.00E-05	2.00E-05 - 3.50E-05	3.50E-05 - 5.00E-05
.0 - 10.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
10.0 - 20.0	1.043E 00	9.105E-02	.000E 00	1.002E 00	3.212E-01	6.400E-02
20.0 - 40.0	2.302E 00	2.181E 00	.000E 00	5.315E-01	2.056E-01	2.180E-02
40.0 - 60.0	3.891E 00	1.426E 00	1.099E 00	7.840E-02	1.586E-01	2.259E-02
60.0 - 80.0	2.457E 00	1.565E 00	8.130E-01	4.547E-01	1.061E-01	1.793E-02
80.0 - 100.0	4.489E 00	1.735E 00	6.030E-01	1.403E-01	8.235E-02	4.596E-02
100.0 - 125.0	4.467E 00	1.249E 00	8.730E-01	3.399E-01	7.760E-02	2.364E-02
125.0 - 150.0	1.061E 01	1.350E 00	6.130E-01	2.753E-01	7.280E-02	3.824E-02
150.0 - 175.0	1.248E 01	1.541E 00	7.795E-01	2.325E-01	6.180E-02	1.989E-02
175.0 - 200.0	8.325E 00	1.923E 00	6.775E-01	2.299E-01	7.095E-02	1.630E-02
200.0 - 250.0	2.939E 00	2.736E 00	5.390E-01	1.545E-01	5.090E-02	1.644E-02
250.0 - 300.0	.000E 00	2.365E 00	7.135E-01	1.610E-01	5.900E-02	1.695E-02
300.0 - 350.0	.000E 00	7.175E-01	7.125E-01	1.862E-01	4.553E-02	1.604E-02
350.0 - 400.0	.000E 00	9.130E-03	6.610E-01	1.561E-01	3.724E-02	1.437E-02
400.0 - 450.0	.000E 00	.000E 00	2.923E-01	1.268E-01	3.256E-02	1.185E-02
450.0 - 500.0	.000E 00	.000E 00	6.095E-02	1.229E-01	3.153E-02	1.111E-02
500.0 - 600.0	.000E 00	.000E 00	.000E 00	7.790E-02	2.231E-02	8.360E-03
600.0 - 800.0	.000E 00	.000E 00	.000E 00	2.203E-02	1.283E-02	4.896E-03
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	2.370E-03	5.555E-03	2.222E-03
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	1.632E-03	1.096E-03
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	2.483E-04	3.998E-04
TOTAL ENERGY DEPOSITION/SEC	3.860E 08	3.026E 08	2.230E 08	1.410E 08	6.389E 07	2.730E 07

TABLE XIX. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

7.790E 00 TO 1.000E 01 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 5.00E-05 - 7.00E-05	7.00E-05 - 1.00E-04	1.00E-04 - 2.00E-04	2.00E-04 - 4.00E-04	4.00E-04 - 7.00E-04	7.00E-04 - 1.00E-03
.0 - 10.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
10.0 - 20.0	2.034E-02	.000E 00	.000E 00	.000E 00	.000E 00	1.410E-05
20.0 - 40.0	1.563E-02	5.525E-03	1.034E-03	7.090E-05	3.945E-05	2.304E-06
40.0 - 60.0	5.265E-04	1.257E-03	6.785E-04	6.755E-05	2.806E-05	4.631E-07
60.0 - 80.0	6.760E-03	2.589E-03	1.212E-03	1.327E-04	6.560E-06	1.692E-06
80.0 - 100.0	6.065E-03	1.878E-03	9.630E-04	6.990E-05	8.835E-06	8.475E-07
100.0 - 125.0	1.140E-02	5.070E-03	1.039E-03	9.190E-05	1.245E-05	1.483E-06
125.0 - 150.0	1.024E-02	3.855E-03	1.128E-03	1.171E-04	9.810E-06	1.309E-06
150.0 - 175.0	5.545E-03	2.796E-03	9.985E-04	1.051E-04	9.740E-06	1.377E-06
175.0 - 200.0	6.705E-03	3.955E-03	9.140E-04	8.740E-05	7.980E-06	1.286E-06
200.0 - 250.0	9.205E-03	3.526E-03	8.660E-04	9.820E-05	9.040E-06	1.460E-06
250.0 - 300.0	6.250E-03	2.909E-03	7.900E-04	7.770E-05	7.280E-06	1.201E-06
300.0 - 350.0	7.170E-03	2.710E-03	6.520E-04	8.030E-05	6.590E-06	1.056E-06
350.0 - 400.0	5.695E-03	2.129E-03	5.605E-04	7.715E-05	6.460E-06	1.101E-06
400.0 - 450.0	4.366E-03	2.129E-03	5.170E-04	6.350E-05	5.835E-06	9.660E-07
450.0 - 500.0	4.809E-03	1.985E-03	4.930E-04	5.100E-05	5.720E-06	9.505E-07
500.0 - 600.0	2.944E-03	1.375E-03	3.776E-04	4.118E-05	3.818E-06	6.460E-07
600.0 - 800.0	1.929E-03	7.405E-04	2.029E-04	2.438E-05	2.208E-06	3.584E-07
800.0 - 1000.0	1.011E-03	3.795E-04	1.066E-04	1.288E-05	1.125E-06	1.691E-07
1000.0 - 1200.0	3.958E-04	1.475E-04	5.090E-05	5.765E-06	4.623E-07	7.545E-08
1200.0 - 1500.0	2.100E-04	6.375E-05	1.525E-05	1.923E-06	1.562E-07	2.613E-08
TOTAL ENERGY DEPOSITION/SEC	1.124E 07	4.370E 06	1.194E 06	1.398E 05	1.243E 04	2.007E 03

TABLE XIX. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

7.790E 00 TO 1.000E 01 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 1.00E-03 - 2.00E-03	2.00E-03 - 3.50E-03
.0 - 10.0	.000E 00	.000E 00
10.0 - 20.0	.000E 00	1.096E-07
20.0 - 40.0	1.525E-07	2.301E-08
40.0 - 60.0	3.208E-07	6.140E-08
60.0 - 80.0	3.417E-07	3.581E-08
80.0 - 100.0	3.026E-07	3.233E-08
100.0 - 125.0	1.978E-07	2.861E-08
125.0 - 150.0	1.639E-07	2.697E-08
150.0 - 175.0	1.957E-07	2.825E-08
175.0 - 200.0	1.281E-07	2.353E-08
200.0 - 250.0	2.070E-07	2.003E-08
250.0 - 300.0	2.123E-07	2.465E-08
300.0 - 350.0	1.884E-07	2.219E-08
350.0 - 400.0	1.937E-07	1.882E-08
400.0 - 450.0	1.580E-07	1.725E-08
450.0 - 500.0	1.208E-07	1.334E-08
500.0 - 600.0	9.105E-08	1.031E-08
600.0 - 800.0	5.595E-08	5.675E-09
800.0 - 1000.0	2.866E-08	3.012E-09
1000.0 - 1200.0	1.150E-08	1.207E-09
1200.0 - 1500.0	3.593E-09	3.238E-10
TOTAL ENERGY DEPOSITION/SEC	3.101E 02	3.278E 01

TABLE XX. TIME-DEPENDENT ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 10.0 TO 12.0 MeV

(keV m^{-3} sec^{-1}/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) .00E 00 - 2.00E-07	2.00E-07 - 3.00E-07	3.00E-07 - 5.00E-07	5.00E-07 - 1.00E-06	1.00E-06 - 2.00E-06	2.00E-06 - 3.00E-06
.0 - 10.0	2.677E 05	1.206E 03	.000E 00	1.802E 02	.000E 00	.000E 00
10.0 - 20.0	2.592E 03	4.390E 04	1.240E 04	2.551E 02	4.693E 01	6.390E 00
20.0 - 40.0	.000E 00	.000E 00	2.759E 03	2.256E 03	3.289E 01	1.115E 01
40.0 - 60.0	.000E 00	.000E 00	.000E 00	6.100E 02	2.106E 02	1.396E 01
60.0 - 80.0	.000E 00	.000E 00	.000E 00	.000E 00	2.472E 02	1.192E 01
80.0 - 100.0	.000E 00	.000E 00	.000E 00	.000E 00	1.562E 02	1.517E 01
100.0 - 125.0	.000E 00	.000E 00	.000E 00	.000E 00	2.807E 01	6.370E 01
125.0 - 150.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	4.813E 01
150.0 - 175.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	1.023E 01
175.0 - 200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
200.0 - 250.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
250.0 - 300.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	1.197E 09	1.292E 09	1.011E 09	9.258E 08	8.810E 08	6.834E 08

TABLE XX. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

1.000E 01 TO 1.200E 01 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 3.00E-06 - 5.00E-06	5.00E-06 - 7.00E-06	7.00E-06 - 1.00E-05	1.00E-05 - 2.00E-05	2.00E-05 - 3.50E-05	3.50E-05 - 5.00E-05
.0 - 10.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
10.0 - 20.0	4.682E 00	.000E 00	.000E 00	.000E 00	.000E 00	1.749E-02
20.0 - 40.0	9.290E 00	2.415E 00	.000E 00	.000E 00	.000E 00	.000E 00
40.0 - 60.0	4.766E 00	9.385E-01	6.760E-01	1.193E-01	9.485E-02	2.317E-02
60.0 - 80.0	3.667E 00	1.044E 00	9.775E-01	3.346E-01	6.635E-02	6.305E-03
80.0 - 100.0	3.484E 00	2.154E 00	1.243E 00	2.603E-01	6.325E-02	2.404E-02
100.0 - 125.0	3.661E 00	1.223E 00	6.485E-01	3.324E-01	6.765E-02	2.166E-02
125.0 - 150.0	5.840E 00	1.601E 00	6.680E-01	2.506E-01	6.770E-02	2.605E-02
150.0 - 175.0	1.164E 01	1.540E 00	8.360E-01	1.952E-01	7.115E-02	1.629E-02
175.0 - 200.0	1.047E 01	1.765E 00	7.805E-01	2.282E-01	5.825E-02	1.537E-02
200.0 - 250.0	5.950E 00	1.850E 00	5.335E-01	1.930E-01	5.480E-02	1.563E-02
250.0 - 300.0	9.590E-01	3.303E 00	6.630E-01	1.757E-01	4.234E-02	1.881E-02
300.0 - 350.0	.000E 00	2.005E 00	5.460E-01	1.604E-01	3.479E-02	1.320E-02
350.0 - 400.0	.000E 00	4.038E-01	7.045E-01	1.300E-01	3.642E-02	1.116E-02
400.0 - 450.0	.000E 00	.000E 00	5.185E-01	1.271E-01	2.204E-02	8.715E-03
450.0 - 500.0	.000E 00	.000E 00	3.313E-01	1.075E-01	2.494E-02	9.280E-03
500.0 - 600.0	.000E 00	.000E 00	4.528E-02	7.765E-02	1.816E-02	6.145E-03
600.0 - 800.0	.000E 00	.000E 00	.000E 00	2.524E-02	9.265E-03	3.779E-03
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	3.059E-03	4.033E-03	1.729E-03
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	9.390E-05	1.664E-03	7.535E-04
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	3.009E-04	2.313E-04
TOTAL ENERGY DEPOSITION/SEC	5.148E 08	4.391E 08	2.968E 08	1.418E 08	5.133E 07	2.064E 07

TABLE XX. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

1.000E 01 TO 1.200E 01 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 5.00E-05 - 7.00E-05	7.00E-05 - 1.00E-04	1.00E-04 - 2.00E-04	2.00E-04 - 4.00E-04	4.00E-04 - 7.00E-04	7.00E-04 - 1.00E-03
.0 - 10.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
10.0 - 20.0	.000E 00	.000E 00	6.315E-03	.000E 00	.000E 00	.000E 00
20.0 - 40.0	5.895E-03	1.433E-02	2.748E-03	4.293E-05	8.055E-06	3.233E-06
40.0 - 60.0	3.302E-02	9.765E-03	2.299E-03	7.470E-05	1.250E-05	2.226E-06
60.0 - 80.0	1.015E-02	4.332E-03	1.041E-03	1.120E-04	9.455E-06	2.495E-06
80.0 - 100.0	3.742E-03	1.978E-03	7.000E-04	1.723E-04	9.425E-06	2.120E-06
100.0 - 125.0	7.375E-03	4.758E-03	1.153E-03	1.555E-04	9.765E-06	1.954E-06
125.0 - 150.0	8.635E-03	4.586E-03	1.086E-03	1.210E-04	9.230E-06	1.741E-06
150.0 - 175.0	1.006E-02	3.036E-03	9.360E-04	1.114E-04	1.050E-05	2.394E-06
175.0 - 200.0	8.250E-03	3.012E-03	8.205E-04	9.135E-05	9.015E-06	1.568E-06
200.0 - 250.0	7.055E-03	3.790E-03	8.910E-04	9.090E-05	1.012E-05	1.512E-06
250.0 - 300.0	6.545E-03	2.966E-03	6.910E-04	7.735E-05	8.615E-06	1.517E-06
300.0 - 350.0	6.030E-03	3.333E-03	6.660E-04	7.570E-05	8.260E-06	1.085E-06
350.0 - 400.0	4.688E-03	1.862E-03	5.525E-04	8.545E-05	6.855E-06	1.060E-06
400.0 - 450.0	3.971E-03	1.681E-03	5.380E-04	6.430E-05	5.420E-06	9.895E-07
450.0 - 500.0	3.885E-03	1.691E-03	4.462E-04	5.355E-05	5.365E-06	9.575E-07
500.0 - 600.0	2.961E-03	1.250E-03	3.575E-04	4.051E-05	4.098E-06	6.745E-07
600.0 - 800.0	1.552E-03	7.205E-04	2.168E-04	2.283E-05	2.077E-06	3.478E-07
800.0 - 1000.0	7.695E-04	2.951E-04	8.780E-05	1.084E-05	9.335E-07	1.462E-07
1000.0 - 1200.0	3.486E-04	1.597E-04	4.375E-05	5.415E-06	4.991E-07	6.780E-08
1200.0 - 1500.0	1.384E-04	5.230E-05	1.621E-05	1.830E-06	1.303E-07	2.058E-08
TOTAL ENERGY DEPOSITION/SEC	9.298E 06	4.025E 06	1.142E 06	1.330E 05	1.205E 04	1.936E 03

TABLE XX. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

1.000E 01 TO 1.200E 01 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 1.00E-03 - 2.00E-03	2.00E-03 - 3.50E-03
.0 - 10.0	.000E 00	.000E 00
10.0 - 20.0	.000E 00	.000E 00
20.0 - 40.0	.000E 00	.000E 00
40.0 - 60.0	.000E 00	2.808E-08
60.0 - 80.0	2.593E-07	4.406E-08
80.0 - 100.0	7.090E-07	3.905E-08
100.0 - 125.0	4.224E-07	4.371E-08
125.0 - 150.0	2.529E-07	3.695E-08
150.0 - 175.0	2.620E-07	2.777E-08
175.0 - 200.0	2.844E-07	2.161E-08
200.0 - 250.0	2.539E-07	2.746E-08
250.0 - 300.0	2.565E-07	2.505E-08
300.0 - 350.0	1.809E-07	2.336E-08
350.0 - 400.0	1.714E-07	2.062E-08
400.0 - 450.0	1.569E-07	1.901E-08
450.0 - 500.0	1.485E-07	1.663E-08
500.0 - 600.0	1.147E-07	1.113E-08
600.0 - 800.0	5.500E-08	6.200E-09
800.0 - 1000.0	2.478E-08	2.972E-09
1000.0 - 1200.0	1.062E-08	1.053E-09
1200.0 - 1500.0	3.051E-09	3.365E-10
TOTAL ENERGY DEPOSITION/SEC	3.127E 02	3.452E 01

TABLE XXI. TIME-DEPENDENT ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 12.0 TO 13.5 MeV

(keV m^{-3} sec^{-1}/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) .00E 00 - 2.00E-07	2.00E-07 - 3.00E-07	3.00E-07 - 5.00E-07	5.00E-07 - 1.00E-06	1.00E-06 - 2.00E-06	2.00E-06 - 3.00E-06
.0 - 10.0	3.821E 05	1.228E 03	.000E 00	.000E 00	.000E 00	.000E 00
10.0 - 20.0	7.875E 03	5.190E 04	1.161E 04	1.036E 02	.000E 00	3.760E 01
20.0 - 40.0	.000E 00	.000E 00	4.133E 03	2.334E 03	2.052E 01	2.490E 00
40.0 - 60.0	.000E 00	.000E 00	.000E 00	1.196E 03	1.486E 02	5.625E 00
60.0 - 80.0	.000E 00	.000E 00	.000E 00	.000E 00	3.601E 02	9.945E 00
80.0 - 100.0	.000E 00	.000E 00	.000E 00	.000E 00	1.881E 02	2.076E 01
100.0 - 125.0	.000E 00	.000E 00	.000E 00	.000E 00	5.855E 01	5.560E 01
125.0 - 150.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	6.670E 01
150.0 - 175.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	3.575E 01
175.0 - 200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	2.502E 00
200.0 - 250.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
250.0 - 300.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	1.832E 09	1.527E 09	1.310E 09	1.312E 09	1.164E 09	1.004E 09

TABLE XXI. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

1.200E 01 TO 1.350E 01 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 3.00E-06 - 5.00E-06	5.00E-06 - 7.00E-06	7.00E-06 - 1.00E-05	1.00E-05 - 2.00E-05	2.00E-05 - 3.50E-05	3.50E-05 - 5.00E-05
.0 - 10.0	.000E 00	.000E 00	7.440E 00	.000E 00	.000E 00	.000E 00
10.0 - 20.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
20.0 - 40.0	2.490E 00	.000E 00	9.220E-02	2.444E-01	3.133E-02	3.620E-02
40.0 - 60.0	4.707E 00	2.415E 00	7.955E-01	4.015E-01	1.400E-01	2.719E-02
60.0 - 80.0	3.195E 00	1.341E 00	9.365E-01	2.695E-01	6.815E-02	2.851E-02
80.0 - 100.0	3.252E 00	1.247E 00	4.918E-01	1.694E-01	2.251E-02	2.351E-02
100.0 - 125.0	4.634E 00	1.461E 00	3.698E-01	2.379E-01	5.910E-02	2.404E-02
125.0 - 150.0	5.845E 00	1.236E 00	8.600E-01	2.668E-01	5.400E-02	1.287E-02
150.0 - 175.0	6.445E 00	1.049E 00	5.950E-01	2.258E-01	5.775E-02	1.213E-02
175.0 - 200.0	1.504E 01	2.112E 00	7.675E-01	1.626E-01	6.905E-02	2.001E-02
200.0 - 250.0	9.240E 00	1.928E 00	6.665E-01	1.747E-01	4.546E-02	1.757E-02
250.0 - 300.0	3.141E 00	2.455E 00	6.115E-01	1.619E-01	3.973E-02	1.430E-02
300.0 - 350.0	.000E 00	2.400E 00	5.690E-01	1.283E-01	3.599E-02	1.181E-02
350.0 - 400.0	.000E 00	1.103E 00	5.255E-01	1.227E-01	2.835E-02	9.290E-03
400.0 - 450.0	.000E 00	6.505E-02	6.910E-01	1.048E-01	2.697E-02	7.665E-03
450.0 - 500.0	.000E 00	.000E 00	4.614E-01	8.530E-02	1.829E-02	6.625E-03
500.0 - 600.0	.000E 00	.000E 00	1.263E-01	8.035E-02	1.541E-02	4.741E-03
600.0 - 800.0	.000E 00	.000E 00	.000E 00	3.006E-02	9.205E-03	3.203E-03
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	4.708E-03	3.456E-03	1.404E-03
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	1.980E-04	1.431E-03	6.610E-04
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	2.170E-04	1.801E-04
TOTAL ENERGY DEPOSITION/SEC	7.322E 08	4.942E 08	3.496E 08	1.420E 08	4.615E 07	1.717E 07

TABLE XXI. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

1.200E 01 TO 1.350E 01 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 5.00E-05 - 7.00E-05	7.00E-05 - 1.00E-04	1.00E-04 - 2.00E-04	2.00E-04 - 4.00E-04	4.00E-04 - 7.00E-04	7.00E-04 - 1.00E-03
.0 - 10.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
10.0 - 20.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
20.0 - 40.0	6.240E-04	.000E 00	1.833E-04	8.065E-05	2.675E-05	1.346E-06
40.0 - 60.0	1.882E-02	3.587E-03	6.180E-04	1.252E-04	1.875E-05	2.605E-07
60.0 - 80.0	1.205E-02	5.435E-03	1.069E-03	1.110E-04	1.120E-05	1.901E-06
80.0 - 100.0	1.359E-02	3.276E-03	9.155E-04	1.783E-04	1.045E-05	8.965E-07
100.0 - 125.0	1.541E-02	5.050E-03	1.394E-03	1.832E-04	9.485E-06	1.739E-06
125.0 - 150.0	7.540E-03	4.595E-03	1.212E-03	1.585E-04	1.448E-05	2.000E-06
150.0 - 175.0	7.940E-03	3.677E-03	8.725E-04	1.122E-04	1.288E-05	1.726E-06
175.0 - 200.0	6.690E-03	4.051E-03	6.945E-04	1.393E-04	9.095E-06	1.597E-06
200.0 - 250.0	6.315E-03	3.053E-03	7.935E-04	1.102E-04	1.120E-05	1.832E-06
250.0 - 300.0	6.825E-03	2.385E-03	8.060E-04	8.395E-05	8.080E-06	1.028E-06
300.0 - 350.0	6.210E-03	2.634E-03	7.200E-04	6.875E-05	6.600E-06	1.148E-06
350.0 - 400.0	4.637E-03	2.314E-03	5.340E-04	6.170E-05	6.850E-06	1.307E-06
400.0 - 450.0	4.100E-03	2.029E-03	4.650E-04	6.345E-05	5.600E-06	9.300E-07
450.0 - 500.0	3.425E-03	1.725E-03	4.268E-04	5.195E-05	4.930E-06	6.715E-07
500.0 - 600.0	2.586E-03	1.160E-03	3.676E-04	3.798E-05	3.500E-06	5.780E-07
600.0 - 800.0	1.397E-03	6.580E-04	1.940E-04	2.097E-05	2.038E-06	3.445E-07
800.0 - 1000.0	6.585E-04	3.055E-04	9.485E-05	1.043E-05	9.725E-07	1.394E-07
1000.0 - 1200.0	2.892E-04	1.387E-04	4.073E-05	5.055E-06	4.938E-07	6.820E-08
1200.0 - 1500.0	9.600E-05	4.118E-05	1.501E-05	1.869E-06	1.472E-07	2.164E-08
TOTAL ENERGY DEPOSITION/SEC	8.211E 06	3.795E 06	1.106E 06	1.270E 05	1.188E 04	1.846E 03

TABLE XXI. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

1.200E 01 TO 1.350E 01 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 1.00E-03 - 2.00E-03	2.00E-03 - 3.50E-03
.0 - 10.0	.000E 00	.000E 00
10.0 - 20.0	.000E 00	.000E 00
20.0 - 40.0	3.161E-07	1.013E-07
40.0 - 60.0	2.450E-07	1.014E-07
60.0 - 80.0	5.715E-07	3.704E-08
80.0 - 100.0	3.115E-07	3.382E-08
100.0 - 125.0	4.018E-07	4.832E-08
125.0 - 150.0	2.858E-07	4.059E-08
150.0 - 175.0	2.245E-07	2.848E-08
175.0 - 200.0	2.489E-07	2.972E-08
200.0 - 250.0	2.338E-07	2.932E-08
250.0 - 300.0	2.158E-07	2.539E-08
300.0 - 350.0	1.691E-07	1.933E-08
350.0 - 400.0	1.767E-07	2.304E-08
400.0 - 450.0	1.457E-07	1.572E-08
450.0 - 500.0	1.289E-07	1.223E-08
500.0 - 600.0	9.545E-08	1.025E-08
600.0 - 800.0	5.520E-08	5.585E-09
800.0 - 1000.0	2.130E-08	2.309E-09
1000.0 - 1200.0	1.050E-08	1.163E-09
1200.0 - 1500.0	3.528E-09	3.595E-10
TOTAL ENERGY DEPOSITION/SEC	2.937E 02	3.178E 01

TABLE XXII. TIME-DEPENDENT ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE FROM A POINT ISOTROPIC NEUTRON SOURCE EMITTING UNIFORMLY IN THE ENERGY INTERVAL FROM 13.5 TO 15.0 MeV

($keV\ m^{-3}\ sec^{-1}$/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) .00E 00 - 2.00E-07	2.00E-07 - 3.00E-07	3.00E-07 - 5.00E-07	5.00E-07 - 1.00E-06	1.00E-06 - 2.00E-06	2.00E-06 - 3.00E-06
.0 - 10.0	3.979E 05	5.145E 02	1.626E 03	4.166E 02	.000E 00	.000E 00
10.0 - 20.0	9.640E 03	5.005E 04	9.150E 03	1.010E 02	6.415E 00	.000E 00
20.0 - 40.0	.000E 00	.000E 00	6.880E 03	2.083E 03	2.641E 01	2.302E 01
40.0 - 60.0	.000E 00	.000E 00	.000E 00	1.423E 03	7.800E 01	7.435E 00
60.0 - 80.0	.000E 00	.000E 00	.000E 00	7.610E 01	3.831E 02	1.413E 01
80.0 - 100.0	.000E 00	.000E 00	.000E 00	.000E 00	2.319E 02	1.309E 01
100.0 - 125.0	.000E 00	.000E 00	.000E 00	.000E 00	1.169E 02	2.159E 01
125.0 - 150.0	.000E 00	.000E 00	.000E 00	.000E 00	2.402E 00	7.145E 01
150.0 - 175.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	4.563E 01
175.0 - 200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	1.322E 01
200.0 - 250.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
250.0 - 300.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
300.0 - 350.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
350.0 - 400.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
400.0 - 450.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
450.0 - 500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
500.0 - 600.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
600.0 - 800.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL ENERGY DEPOSITION/SEC	1.949E 09	1.470E 09	1.889E 09	1.493E 09	1.486E 09	1.092E 09

TABLE XXII. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

1.350E 01 TO 1.500E 01 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 3.00E-06 - 5.00E-06	5.00E-06 - 7.00E-06	7.00E-06 - 1.00E-05	1.00E-05 - 2.00E-05	2.00E-05 - 3.50E-05	3.50E-05 - 5.00E-05
.0 - 10.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
10.0 - 20.0	2.604E 00	3.962E 00	.000E 00	8.150E-01	.000E 00	4.365E-02
20.0 - 40.0	5.045E 00	3.017E 00	1.366E 00	1.136E-01	8.745E-02	3.901E-03
40.0 - 60.0	6.120E 00	3.026E 00	1.143E-02	1.470E-01	2.400E-02	3.187E-03
60.0 - 80.0	3.631E 00	6.715E-01	2.689E-01	1.567E-01	6.015E-02	1.989E-02
80.0 - 100.0	2.457E 00	1.269E 00	4.179E-01	2.182E-01	5.315E-02	2.476E-02
100.0 - 125.0	3.689E 00	1.224E 00	7.225E-01	2.048E-01	4.774E-02	2.372E-02
125.0 - 150.0	5.905E 00	1.392E 00	5.070E-01	1.449E-01	4.074E-02	1.929E-02
150.0 - 175.0	5.145E 00	1.291E 00	3.284E-01	1.341E-01	4.269E-02	1.829E-02
175.0 - 200.0	1.414E 01	1.053E 00	4.697E-01	1.713E-01	3.890E-02	1.605E-02
200.0 - 250.0	1.088E 01	1.718E 00	4.851E-01	1.249E-01	4.277E-02	1.285E-02
250.0 - 300.0	5.255E 00	1.712E 00	5.245E-01	1.716E-01	3.940E-02	1.170E-02
300.0 - 350.0	4.214E-01	2.814E 00	5.160E-01	1.255E-01	3.044E-02	1.261E-02
350.0 - 400.0	.000E 00	1.550E 00	4.471E-01	1.069E-01	2.692E-02	9.410E-03
400.0 - 450.0	.000E 00	5.030E-01	5.115E-01	1.140E-01	2.172E-02	8.210E-03
450.0 - 500.0	.000E 00	.000E 00	5.470E-01	9.895E-02	1.798E-02	6.415E-03
500.0 - 600.0	.000E 00	.000E 00	1.585E-01	6.630E-02	1.481E-02	5.315E-03
600.0 - 800.0	.000E 00	.000E 00	3.882E-03	3.600E-02	9.300E-03	3.161E-03
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	6.210E-03	3.348E-03	1.354E-03
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	9.340E-04	1.453E-03	6.050E-04
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	3.839E-05	4.696E-04	2.570E-04
TOTAL ENERGY DEPOSITION/SEC	8.893E 08	5.596E 08	3.307E 08	1.482E 08	4.580E 07	1.743E 07

TABLE XXII. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

1.350E 01 TO 1.500E 01 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 5.00E-05 - 7.00E-05	7.00E-05 - 1.00E-04	1.00E-04 - 2.00E-04	2.00E-04 - 4.00E-04	4.00E-04 - 7.00E-04	7.00E-04 - 1.00E-03
.0 - 10.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
10.0 - 20.0	.000E 00	.000E 00	.000E 00	1.801E-04	4.583E-05	.000E 00
20.0 - 40.0	5.320E-03	6.675E-04	8.260E-04	2.447E-04	4.413E-05	1.187E-07
40.0 - 60.0	1.068E-02	9.120E-03	1.344E-03	3.329E-05	2.702E-05	4.020E-06
60.0 - 80.0	1.563E-02	8.475E-04	6.655E-04	9.900E-05	6.540E-06	4.100E-06
80.0 - 100.0	8.670E-03	3.508E-03	5.445E-04	1.177E-04	7.315E-06	1.168E-06
100.0 - 125.0	6.865E-03	4.472E-03	1.226E-03	9.165E-05	8.390E-06	9.005E-07
125.0 - 150.0	7.800E-03	4.771E-03	1.062E-03	1.139E-04	1.481E-05	1.429E-06
150.0 - 175.0	7.045E-03	3.756E-03	7.710E-04	1.333E-04	1.209E-05	2.085E-06
175.0 - 200.0	9.745E-03	3.545E-03	8.430E-04	1.164E-04	1.271E-05	2.654E-06
200.0 - 250.0	8.040E-03	3.177E-03	8.940E-04	1.027E-04	1.076E-05	1.872E-06
250.0 - 300.0	4.964E-03	3.318E-03	8.020E-04	8.465E-05	8.635E-06	1.766E-06
300.0 - 350.0	4.727E-03	2.392E-03	6.235E-04	7.925E-05	6.415E-06	1.239E-06
350.0 - 400.0	4.734E-03	1.552E-03	5.785E-04	6.645E-05	5.700E-06	9.600E-07
400.0 - 450.0	3.330E-03	1.846E-03	4.552E-04	5.795E-05	5.540E-06	9.080E-07
450.0 - 500.0	3.011E-03	1.322E-03	4.135E-04	5.065E-05	5.250E-06	7.485E-07
500.0 - 600.0	2.085E-03	1.007E-03	3.256E-04	3.885E-05	3.570E-06	6.005E-07
600.0 - 800.0	1.378E-03	5.450E-04	1.936E-04	2.251E-05	2.038E-06	3.068E-07
800.0 - 1000.0	5.550E-04	2.749E-04	8.730E-05	1.137E-05	9.800E-07	1.738E-07
1000.0 - 1200.0	2.756E-04	1.222E-04	3.744E-05	4.366E-06	4.061E-07	6.250E-08
1200.0 - 1500.0	1.348E-04	5.100E-05	1.534E-05	1.845E-06	1.448E-07	1.911E-08
TOTAL ENERGY DEPOSITION/SEC	7.726E 06	3.430E 06	1.062E 06	1.281E 05	1.160E 04	1.877E 03

TABLE XXII. (Continued)

(keV m^{-3} sec^{-1}/source neutron)

1.350E 01 TO 1.500E 01 MEV NEUTRONS

RADIAL DISTANCE INTERVAL (METERS)	DELAY TIME (SEC) 1.00E-03 - 2.00E-03	2.00E-03 - 3.50E-03
.0 - 10.0	.000E 00	.000E 00
10.0 - 20.0	.000E 00	.000E 00
20.0 - 40.0	1.062E-06	1.965E-07
40.0 - 60.0	3.357E-07	1.087E-07
60.0 - 80.0	6.380E-07	1.399E-08
80.0 - 100.0	2.989E-07	2.190E-08
100.0 - 125.0	2.871E-07	6.825E-08
125.0 - 150.0	2.651E-07	4.203E-08
150.0 - 175.0	4.413E-07	3.507E-08
175.0 - 200.0	5.055E-07	3.187E-08
200.0 - 250.0	3.177E-07	4.108E-08
250.0 - 300.0	2.126E-07	2.477E-08
300.0 - 350.0	1.801E-07	1.764E-08
350.0 - 400.0	1.901E-07	2.007E-08
400.0 - 450.0	1.520E-07	2.097E-08
450.0 - 500.0	1.196E-07	1.512E-08
500.0 - 600.0	8.845E-08	9.455E-09
600.0 - 800.0	5.155E-08	5.405E-09
800.0 - 1000.0	2.507E-08	2.697E-09
1000.0 - 1200.0	9.685E-09	1.070E-09
1200.0 - 1500.0	3.127E-09	3.263E-10
TOTAL ENERGY DEPOSITION/SEC	2.972E 02	3.264E 01

TABLE XXIII. TOTAL ENERGY DEPOSITION IN AIR VS RADIAL DISTANCE AND SOURCE ENERGY INTERVAL FOR POINT ISOTROPIC NEUTRON SOURCES

(keV m^{-3}/source neutron)

	NEUTRONS SOURCE ENERGY BOUNDS (MEV)					
RADIAL DISTANCE INTERVAL (METERS)	1.000E-03 - 3.350E-03	3.350E-03 - 9.120E-03	9.120E-03 - 2.480E-02	2.480E-02 - 6.760E-02	6.760E-02 - 1.840E-01	1.840E-01 - 3.030E-01
.0 - 10.0	2.976E-05	7.930E-05	1.850E-04	4.063E-04	9.010E-04	1.349E-03
10.0 - 20.0	5.470E-06	1.412E-05	3.131E-05	6.770E-05	1.352E-04	2.294E-04
20.0 - 40.0	1.411E-06	3.907E-06	9.465E-06	2.156E-05	4.167E-05	6.475E-05
40.0 - 60.0	5.050E-07	1.412E-06	3.367E-06	8.430E-06	1.719E-05	2.652E-05
60.0 - 80.0	2.442E-07	6.520E-07	1.632E-06	3.965E-06	9.035E-06	1.450E-05
80.0 - 100.0	1.169E-07	3.403E-07	8.980E-07	2.376E-06	5.595E-06	9.085E-06
100.0 - 125.0	5.855E-08	1.732E-07	5.020E-07	1.301E-06	3.359E-06	5.835E-06
125.0 - 150.0	2.744E-08	8.165E-08	2.505E-07	7.030E-07	1.953E-06	3.623E-06
150.0 - 175.0	1.303E-08	4.116E-08	1.286E-07	4.043E-07	1.186E-06	2.375E-06
175.0 - 200.0	5.100E-09	2.153E-08	6.300E-08	2.431E-07	7.665E-07	1.589E-06
200.0 - 250.0	1.865E-09	7.820E-09	2.972E-08	1.059E-07	4.016E-07	8.565E-07
250.0 - 300.0	4.828E-10	2.176E-09	8.285E-09	3.810E-08	1.647E-07	4.019E-07
300.0 - 350.0	1.098E-10	5.825E-10	2.600E-09	1.256E-08	7.745E-08	1.924E-07
350.0 - 400.0	2.271E-11	1.752E-10	7.780E-10	4.724E-09	3.180E-08	1.016E-07
400.0 - 450.0	3.764E-12	4.704E-11	1.942E-10	1.437E-09	1.242E-08	4.051E-08
450.0 - 500.0	5.085E-13	1.007E-11	5.010E-11	4.222E-10	4.795E-09	1.939E-08
500.0 - 600.0	.000E 00	1.236E-12	8.955E-12	7.685E-11	1.200E-09	6.865E-09
600.0 - 800.0	.000E 00	1.348E-14	1.725E-13	6.840E-12	6.360E-11	7.905E-10
800.0 - 1000.0	.000E 00	.000E 00	.000E 00	.000E 00	2.226E-13	1.878E-11
1000.0 - 1200.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	2.012E-13
1200.0 - 1500.0	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00	.000E 00
TOTAL	2.134E 00	6.239E 00	1.680E 01	4.602E 01	1.257E 02	2.425E 02

TABLE XXIII. (Continued)

(keV m^{-3}/source neutron)

	NEUTRONS SOURCE ENERGY BOUNDS (MEV)					
RADIAL DISTANCE INTERVAL (METERS)	3.030E-01 - 5.000E-01	5.000E-01 - 8.230E-01	8.230E-01 - 1.353E 00	1.353E 00 - 1.738E 00	1.738E 00 - 2.232E 00	2.232E 00 - 2.865E 00
.0 - 10.0	2.398E-03	2.596E-03	3.495E-03	5.790E-03	6.730E-03	9.015E-03
10.0 - 20.0	3.990E-04	3.786E-04	6.530E-04	8.575E-04	9.025E-04	1.095E-03
20.0 - 40.0	1.049E-04	1.129E-04	1.683E-04	2.293E-04	2.923E-04	3.219E-04
40.0 - 60.0	4.613E-05	4.517E-05	7.150E-05	9.105E-05	1.101E-04	1.364E-04
60.0 - 80.0	2.366E-05	2.699E-05	3.992E-05	5.010E-05	6.400E-05	7.015E-05
80.0 - 100.0	1.458E-05	1.774E-05	2.529E-05	3.261E-05	3.324E-05	4.356E-05
100.0 - 125.0	8.665E-06	1.091E-05	1.600E-05	2.115E-05	2.401E-05	2.971E-05
125.0 - 150.0	5.570E-06	7.580E-06	1.072E-05	1.435E-05	1.740E-05	1.915E-05
150.0 - 175.0	3.582E-06	5.580E-06	7.320E-06	1.031E-05	1.229E-05	1.446E-05
175.0 - 200.0	2.634E-06	4.258E-06	5.410E-06	8.000E-06	9.180E-06	8.950E-06
200.0 - 250.0	1.387E-06	2.556E-06	3.528E-06	4.577E-06	6.185E-06	7.090E-06
250.0 - 300.0	6.665E-07	1.332E-06	2.174E-06	2.963E-06	3.804E-06	4.578E-06
300.0 - 350.0	3.371E-07	8.025E-07	1.352E-06	1.864E-06	2.306E-06	2.920E-06
350.0 - 400.0	1.692E-07	4.207E-07	8.070E-07	1.164E-06	1.628E-06	1.979E-06
400.0 - 450.0	9.160E-08	2.356E-07	5.045E-07	7.425E-07	1.033E-06	1.267E-06
450.0 - 500.0	4.860E-08	1.513E-07	3.444E-07	5.010E-07	7.205E-07	8.825E-07
500.0 - 600.0	1.483E-08	6.770E-08	1.711E-07	2.611E-07	3.545E-07	5.270E-07
600.0 - 800.0	1.999E-09	1.426E-08	4.351E-08	8.310E-08	1.105E-07	1.891E-07
800.0 - 1000.0	1.203E-10	1.918E-09	6.780E-09	1.335E-08	2.419E-08	4.920E-08
1000.0 - 1200.0	9.160E-12	1.059E-10	1.019E-09	3.055E-09	5.420E-09	1.246E-08
1200.0 - 1500.0	3.273E-13	3.346E-11	1.214E-10	3.073E-10	1.018E-09	2.193E-09
TOTAL	4.007E 02	6.610E 02	1.089E 03	1.545E 03	1.985E 03	2.532E 03

TABLE XXIII. (Continued)

(keV m^{-3}/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	NEUTRONS SOURCE ENERGY BOUNDS (MEV) 2.865E 00 - 3.680E 00	3.680E 00 - 6.070E 00	6.070E 00 - 7.790E 00	7.790E 00 - 1.000E 01	1.000E 01 - 1.200E 01	1.200E 01 - 1.350E 01
.0 - 10.0	1.633E-02	2.001E-02	2.358E-02	2.598E-02	5.375E-02	7.655E-02
10.0 - 20.0	2.468E-03	3.089E-03	2.990E-03	3.269E-03	7.580E-03	9.175E-03
20.0 - 40.0	6.510E-04	8.250E-04	9.375E-04	1.020E-03	1.748E-03	2.025E-03
40.0 - 60.0	2.307E-04	3.066E-04	2.866E-04	4.106E-04	5.470E-04	7.760E-04
60.0 - 80.0	1.134E-04	1.614E-04	1.494E-04	2.013E-04	2.763E-04	3.866E-04
80.0 - 100.0	7.390E-05	9.470E-05	9.515E-05	1.062E-04	1.905E-04	2.222E-04
100.0 - 125.0	4.362E-05	5.535E-05	6.055E-05	7.725E-05	1.086E-04	1.318E-04
125.0 - 150.0	2.995E-05	3.996E-05	3.946E-05	4.903E-05	6.940E-05	8.755E-05
150.0 - 175.0	2.125E-05	2.949E-05	2.863E-05	3.453E-05	4.279E-05	5.620E-05
175.0 - 200.0	1.368E-05	2.082E-05	2.237E-05	2.650E-05	3.057E-05	4.243E-05
200.0 - 250.0	8.640E-06	1.266E-05	1.509E-05	1.592E-05	2.055E-05	2.734E-05
250.0 - 300.0	5.360E-06	7.875E-06	9.265E-06	9.930E-06	1.350E-05	1.576E-05
300.0 - 350.0	3.373E-06	4.685E-06	6.050E-06	6.670E-06	8.275E-06	8.800E-06
350.0 - 400.0	2.299E-06	2.999E-06	3.907E-06	4.588E-06	5.160E-06	5.805E-06
400.0 - 450.0	1.467E-06	2.122E-06	2.860E-06	3.029E-06	3.488E-06	3.975E-06
450.0 - 500.0	9.295E-07	1.447E-06	1.961E-06	2.269E-06	2.769E-06	2.786E-06
500.0 - 600.0	5.460E-07	8.265E-07	1.198E-06	1.387E-06	1.419E-06	1.616E-06
600.0 - 800.0	1.795E-07	2.991E-07	5.070E-07	5.730E-07	5.280E-07	5.585E-07
800.0 - 1000.0	4.253E-08	8.930E-08	1.580E-07	1.856E-07	1.526E-07	1.542E-07
1000.0 - 1200.0	1.226E-08	2.480E-08	5.315E-08	5.970E-08	5.460E-08	4.858E-08
1200.0 - 1500.0	2.928E-09	5.975E-09	1.580E-08	1.781E-08	1.436E-08	1.104E-08
TOTAL	3.245E 03	4.679E 03	5.884E 03	6.773E 03	8.346E 03	9.895E 03

TABLE XXIII. (Continued)

(keV m^{-3}/source neutron)

RADIAL DISTANCE INTERVAL (METERS)	NEUTRONS SOURCE ENERGY BOUNDS (MEV) 1.350E 01 - 1.500E 01
.0 - 10.0	8.015E-02
10.0 - 20.0	8.845E-03
20.0 - 40.0	2.490E-03
40.0 - 60.0	8.180E-04
60.0 - 80.0	4.480E-04
80.0 - 100.0	2.574E-04
100.0 - 125.0	1.540E-04
125.0 - 150.0	9.275E-05
150.0 - 175.0	6.210E-05
175.0 - 200.0	4.796E-05
200.0 - 250.0	2.909E-05
250.0 - 300.0	1.828E-05
300.0 - 350.0	1.017E-05
350.0 - 400.0	6.270E-06
400.0 - 450.0	4.311E-06
450.0 - 500.0	3.150E-06
500.0 - 600.0	1.554E-06
600.0 - 800.0	6.270E-07
800.0 - 1000.0	1.633E-07
1000.0 - 1200.0	5.415E-08
1200.0 - 1500.0	1.746E-08
TOTAL	1.095E 04

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