

Lampiran 3. Output dari CITATION pada SRAC

Contoh output berikut ini adalah merupakan keluaran dari contoh input dengan parameter-parameter yang diberikan pada Lampiran 2. Angka yang berwarna merupakan nilai output yang dianalisis yaitu rapat daya dan k -efektif.

0THE MAXIMUM POWER DENSITY(WATTS/CC) AT ROW 17 AND COLUMN 1 AND LINE 36 IS 6.256752E+02

0THE AVERAGE POWER DENSITY ALONG ROW 17 IS 3.889612E+02 AND THE RELATIVE POWER DENSITIES(FRACTION OF AVERAGE) ARE

1.608580E+00	1.586014E+00	1.541541E+00	1.476482E+00	1.392812E+00
1.293133E+00	1.180599E+00	1.058713E+00	9.309826E-01	8.004856E-01
6.696982E-01	5.406703E-01	4.158400E-01	3.006878E-01	2.037596E-01
0.000000E+00	0.000000E+00			

0THE AVERAGE POWER DENSITY DOWN COLUMN 1 IS 3.919593E+02 AND THE RELATIVE POWER DENSITIES ARE

0.000000E+00	0.000000E+00	1.492940E-01	2.245581E-01	4.248939E-01
5.576671E-01	6.936099E-01	8.279487E-01	9.583818E-01	1.082774E+00
1.198903E+00	1.304445E+00	1.397034E+00	1.474376E+00	1.534404E+00
1.575433E+00	1.596276E+00			

0THE AVERAGE POWER DENSITY ALONG LINE 36 IS 4.175990E+02 AND THE RELATIVE POWER DENSITIES ARE

0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.525727E-01
2.151488E-01	2.839175E-01	3.528588E-01	4.210882E-01	4.883606E-01
5.545129E-01	6.193962E-01	6.828658E-01	7.447822E-01	8.050106E-01
8.634215E-01	9.198902E-01	9.742979E-01	1.026530E+00	1.076479E+00
1.124041E+00	1.169119E+00	1.211619E+00	1.251457E+00	1.288550E+00
1.322823E+00	1.354207E+00	1.382638E+00	1.408061E+00	1.430423E+00
1.449680E+00	1.465794E+00	1.478733E+00	1.488470E+00	1.494985E+00
1.498268E+00				

15.0CM MESH SIZE IN EACH DIRECTION

EPS(FLUX) < 1.0E-4, EPS(KEFF) < 1.0E-5, ZONE 4:BLACKNESS

0K-EFFECTIVE IS 1.000274E+00

0BIG DADDY IS 8.511964E+03

0PROMPT-NEUTRON LIFETIME IS 2.37069E-05 SEC.

PROMPT-NEUTRON GENERATION TIME IS 2.37004E-05 SEC.

0DELAYED NEUTRON FRACTION IS 2.96289E-03

0EFFECTIVE DELAYED NEUTRON FRACTION FOR EACH GROUP

2.38433E-04 8.38982E-04 7.16101E-04 8.76590E-04 1.89213E-04
1.03573E-04

0EFFECTIVE DELAYED NEUTRON DECAY CONSTANTS FOR EACH
GROUP

1.25909E-02 3.34000E-02 1.30266E-01 3.04892E-01 1.25222E+00
3.15003E+00