Measurments taken 220 calendar days since BOC.

Data Passes (pass id, power [MWt], boron [ppm], control bank A/B/C/D/E positions [step])

- 1 3410.3 346. 228. 228. 228. 210. 230.
- 2 3415.0 346. 228. 228. 228. 210. 230.
- 3 3419.2 346. 228. 228. 228. 210. 230.
- 4 3415.3 346. 228. 228. 228. 210. 230.
- 5 3406.5 346. 228. 228. 228. 210. 230.
- 6 3405.7 346. 228. 228. 228. 210. 230.
- 7 3411.1 346. 228. 228. 228. 210. 230.
- 8 3411.1 346. 228. 228. 228. 210. 230.
- 9 3408.7 346. 228. 228. 228. 210. 230.
- 10 3404.3 346. 228. 228. 228. 210. 230.
- 11 3410.5 346. 228. 228. 228. 210. 230.
- 12 3403.5 346. 228. 228. 228. 210. 230.
- 13 3403.9 346. 228. 228. 228. 210. 230.
- 14 3409.3 346. 228. 228. 228. 210. 230.

Average Power [MWt]: 3409.6

Inlet Coolant Temperature [°F]: 561.3

Core Burnup [MWD/MT]: 7714.8

Average Boron [ppm]: 346.0

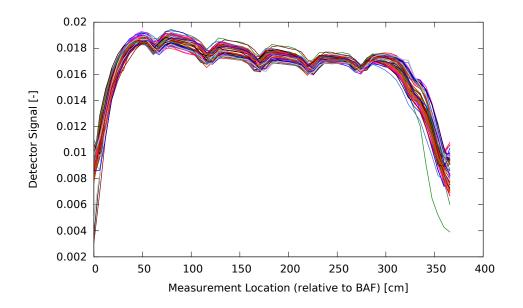


Figure 1: Renormalized data after spline

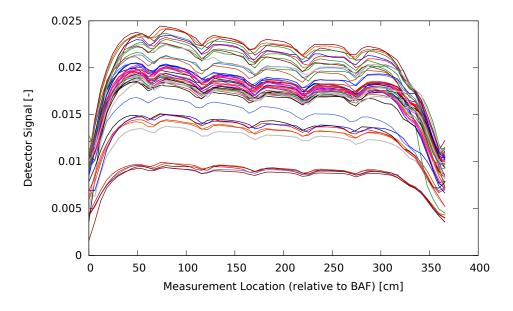


Figure 2: Unnormalized data after spline

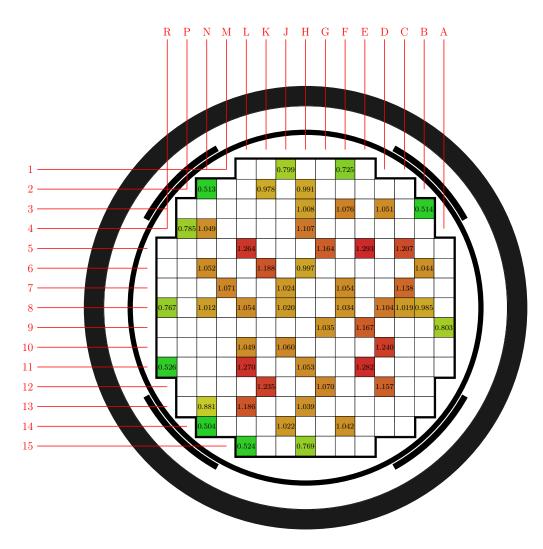


Figure 3: Radial detector measurements (axially integrated).

J1	0.799	F1	0.725
N2	0.513	K2	0.978
H2	0.991	Н3	1.008
F3	1.076	D3	1.051
В3	0.514	P4	0.785
N4	1.049	H4	1.107
L5	1.264	G5	1.164
E5	1.293	C5	1.207
R6		N6	1.052
K6	1.188	Н6	0.997
В6	1.044	M7	1.071
J7	1.024	F7	1.054
C7	1.138	R8	0.767
N8	1.012	L8	1.054
J8	1.020	F8	1.034
D8	1.104	C8	1.019
B8	0.985	G9	1.035
E9	1.167	A9	0.803
L10	1.049	J10	1.060
D10	1.240	R11	0.526
L11	1.270	H11	1.053
E11	1.282	A11	
K12	1.235	G12	1.070
D12	1.157	N13	0.881
L13	1.186	H13	1.039
N14	0.504	J14	1.022
F14	1.042	L15	0.524
H15	0.769		

Table 1: Full core radial detector measurements (axially integrated).

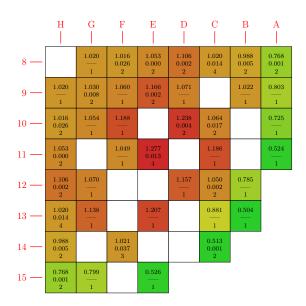


Figure 4: Quarter core (full core folded) radial measurements.

H9         1.020         D10         1.238           D12         1.157         E11         1.277           E13         1.207         E15         0.526           B12         0.785         B13         0.504           C13         0.881         C12         1.050           C11         1.186         C10         1.064           F9         1.060         F8         1.016           C14         0.513         F11         1.049           A11         0.524         A10         0.725           F14         1.021         E8         1.053           E9         1.166         H10         1.016           H11         1.053         H12         1.106           H13         1.020         H14         0.988           H15         0.768         D9         1.071           D8         1.106         C8         1.020           B9         1.022         B8         0.988           G15         0.799         G13         1.138           G12         1.070         G10         1.054           A8         0.768         A9         0.803				
E13         1.207         E15         0.526           B12         0.785         B13         0.504           C13         0.881         C12         1.050           C11         1.186         C10         1.064           F9         1.060         F8         1.016           C14         0.513         F11         1.049           A11         0.524         A10         0.725           F14         1.021         E8         1.053           E9         1.166         H10         1.016           H11         1.053         H12         1.106           H13         1.020         H14         0.988           H15         0.768         D9         1.071           D8         1.106         C8         1.020           B9         1.022         B8         0.988           G15         0.799         G13         1.138           G12         1.070         G10         1.054	H9	1.020	D10	1.238
B12         0.785         B13         0.504           C13         0.881         C12         1.050           C11         1.186         C10         1.064           F9         1.060         F8         1.016           C14         0.513         F11         1.049           A11         0.524         A10         0.725           F14         1.021         E8         1.053           E9         1.166         H10         1.016           H11         1.053         H12         1.106           H13         1.020         H14         0.988           H15         0.768         D9         1.071           D8         1.106         C8         1.020           B9         1.022         B8         0.988           G15         0.799         G13         1.138           G12         1.070         G10         1.054	D12	1.157	E11	1.277
C13         0.881         C12         1.050           C11         1.186         C10         1.064           F9         1.060         F8         1.016           C14         0.513         F11         1.049           A11         0.524         A10         0.725           F14         1.021         E8         1.053           E9         1.166         H10         1.016           H11         1.053         H12         1.106           H13         1.020         H14         0.988           H15         0.768         D9         1.071           D8         1.106         C8         1.020           B9         1.022         B8         0.988           G15         0.799         G13         1.138           G12         1.070         G10         1.054	E13	1.207	E15	0.526
C11         1.186         C10         1.064           F9         1.060         F8         1.016           C14         0.513         F11         1.049           A11         0.524         A10         0.725           F14         1.021         E8         1.053           E9         1.166         H10         1.016           H11         1.053         H12         1.106           H13         1.020         H14         0.988           H15         0.768         D9         1.071           D8         1.106         C8         1.020           B9         1.022         B8         0.988           G15         0.799         G13         1.138           G12         1.070         G10         1.054	B12	0.785	B13	0.504
F9       1.060       F8       1.016         C14       0.513       F11       1.049         A11       0.524       A10       0.725         F14       1.021       E8       1.053         E9       1.166       H10       1.016         H11       1.053       H12       1.106         H13       1.020       H14       0.988         H15       0.768       D9       1.071         D8       1.106       C8       1.020         B9       1.022       B8       0.988         G15       0.799       G13       1.138         G12       1.070       G10       1.054	C13	0.881	C12	1.050
C14       0.513       F11       1.049         A11       0.524       A10       0.725         F14       1.021       E8       1.053         E9       1.166       H10       1.016         H11       1.053       H12       1.106         H13       1.020       H14       0.988         H15       0.768       D9       1.071         D8       1.106       C8       1.020         B9       1.022       B8       0.988         G15       0.799       G13       1.138         G12       1.070       G10       1.054	C11	1.186	C10	1.064
A11       0.524       A10       0.725         F14       1.021       E8       1.053         E9       1.166       H10       1.016         H11       1.053       H12       1.106         H13       1.020       H14       0.988         H15       0.768       D9       1.071         D8       1.106       C8       1.020         B9       1.022       B8       0.988         G15       0.799       G13       1.138         G12       1.070       G10       1.054	F9	1.060	F8	1.016
F14       1.021       E8       1.053         E9       1.166       H10       1.016         H11       1.053       H12       1.106         H13       1.020       H14       0.988         H15       0.768       D9       1.071         D8       1.106       C8       1.020         B9       1.022       B8       0.988         G15       0.799       G13       1.138         G12       1.070       G10       1.054	C14	0.513	F11	1.049
E9       1.166       H10       1.016         H11       1.053       H12       1.106         H13       1.020       H14       0.988         H15       0.768       D9       1.071         D8       1.106       C8       1.020         B9       1.022       B8       0.988         G15       0.799       G13       1.138         G12       1.070       G10       1.054	A11	0.524	A10	0.725
H11       1.053       H12       1.106         H13       1.020       H14       0.988         H15       0.768       D9       1.071         D8       1.106       C8       1.020         B9       1.022       B8       0.988         G15       0.799       G13       1.138         G12       1.070       G10       1.054	F14	1.021	E8	1.053
H13     1.020     H14     0.988       H15     0.768     D9     1.071       D8     1.106     C8     1.020       B9     1.022     B8     0.988       G15     0.799     G13     1.138       G12     1.070     G10     1.054	E9	1.166	H10	1.016
H15     0.768     D9     1.071       D8     1.106     C8     1.020       B9     1.022     B8     0.988       G15     0.799     G13     1.138       G12     1.070     G10     1.054	H11	1.053	H12	1.106
D8     1.106     C8     1.020       B9     1.022     B8     0.988       G15     0.799     G13     1.138       G12     1.070     G10     1.054	H13	1.020	H14	0.988
B9     1.022     B8     0.988       G15     0.799     G13     1.138       G12     1.070     G10     1.054	H15	0.768	D9	1.071
G15 0.799 G13 1.138 G12 1.070 G10 1.054	D8	1.106	C8	1.020
G12 1.070 G10 1.054	В9	1.022	B8	0.988
	G15	0.799	G13	1.138
A8 0.768 A9 0.803	G12	1.070	G10	1.054
	A8	0.768	A9	0.803
F10 1.188 G8 1.020	F10	1.188	G8	1.020
G9 1.030	G9	1.030		

Table 2: Quarter core radial detector measurements (axially integrated).

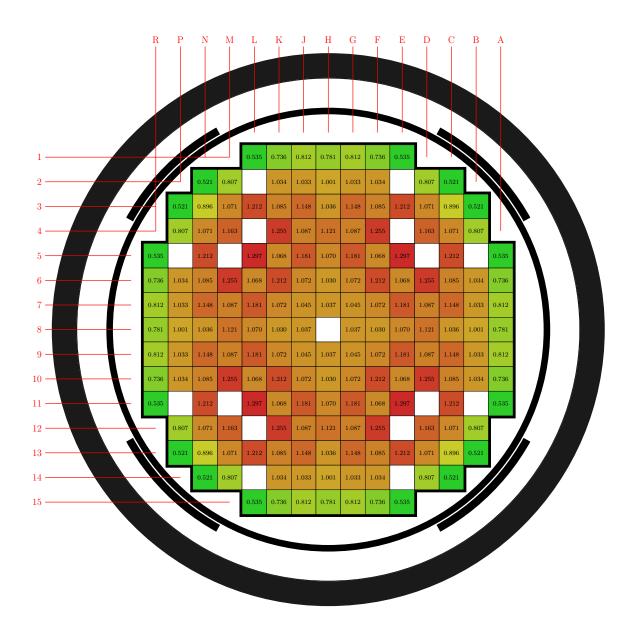


Figure 5: Radial detector measurements (tilt corrected).

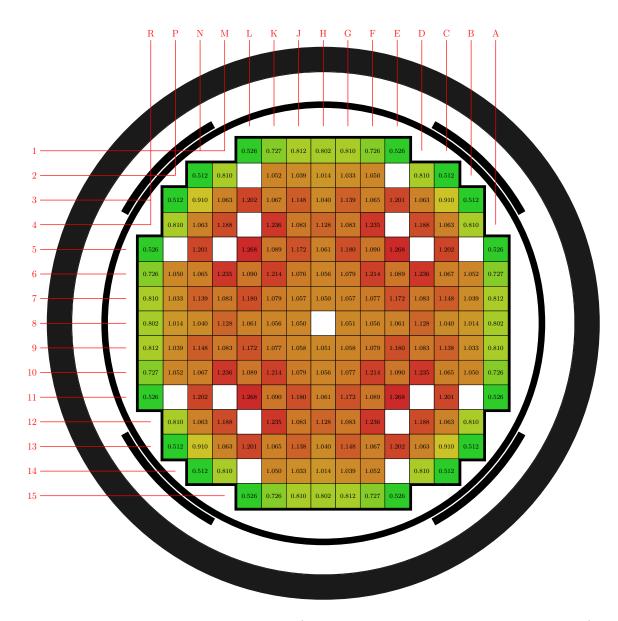


Figure 6: Radial detector measurements (simulate normalized to tilt corrected data).

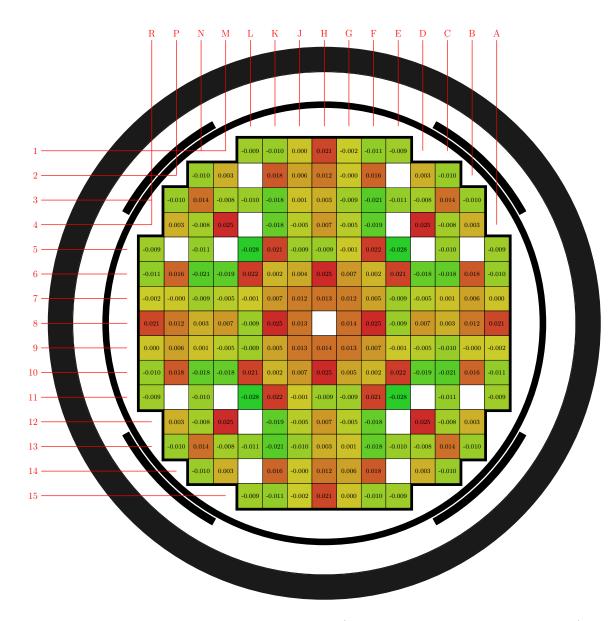


Figure 7: Radial detector absolute difference (simulate minus tilt corrected data).

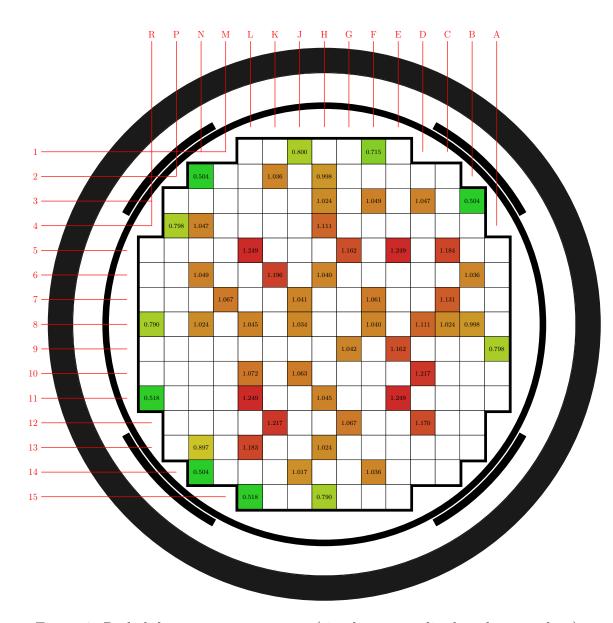


Figure 8: Radial detector measurements (simulate normalized to detector data).

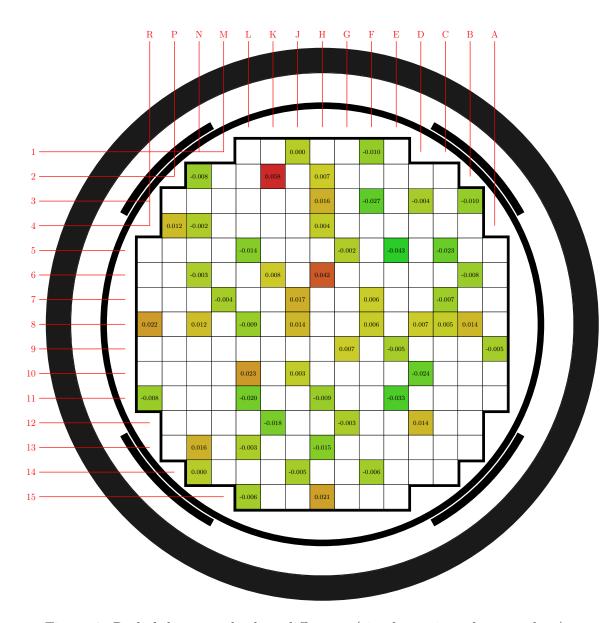


Figure 9: Radial detector absolute difference (simulate minus detector data).