

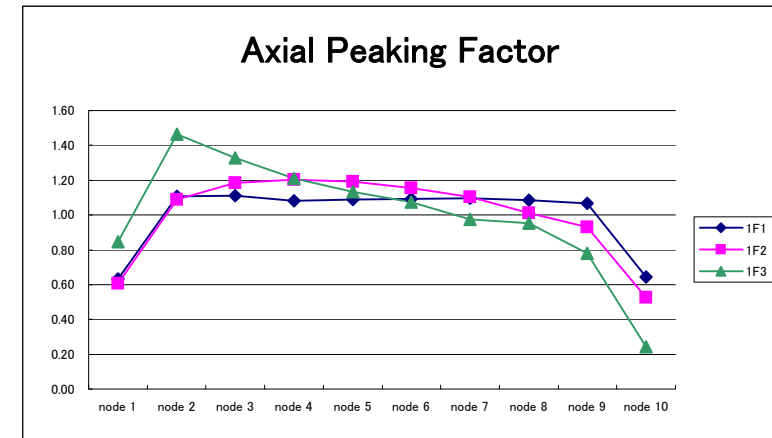
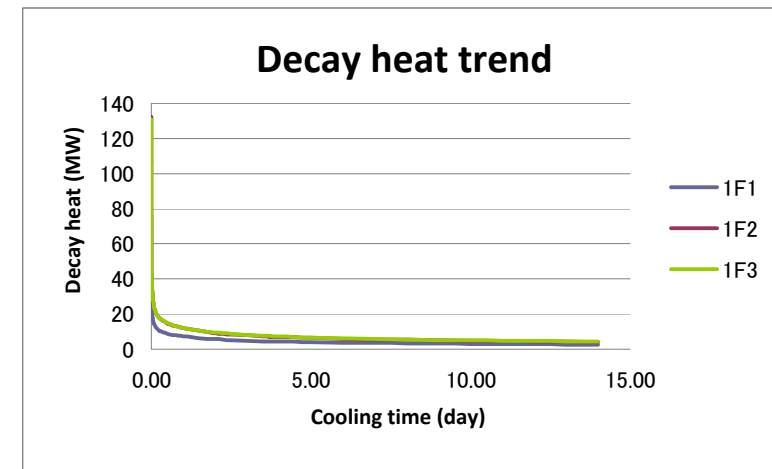
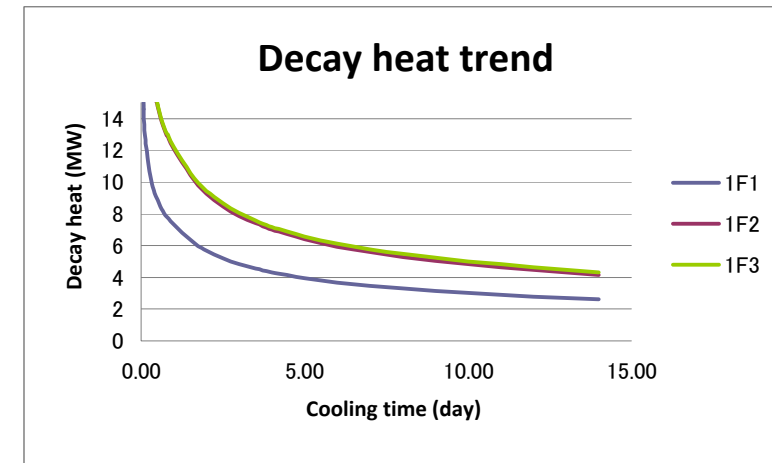
Total decay heat trend based on ORIGEN-2 analysis

Cooling time after shutdown				Decay Heat		
(sec)	(min)	(hour)	(day)	1F1 (MW)	1F2 (MW)	1F3 (MW)
1	1.67E-02	2.78E-04	1.16E-05	76.28	132.20	130.96
10	1.67E-01	2.78E-03	1.16E-04	62.24	107.58	106.71
60	1	1.67E-02	6.94E-04	46.26	79.70	79.15
600	10	1.67E-01	6.94E-03	29.34	50.30	50.04
3600	60	1	4.17E-02	17.97	30.58	30.51
7200	120	2	8.33E-02	14.59	24.75	24.73
10800	180	3	1.25E-01	12.95	21.90	21.90
14400	240	4	1.67E-01	11.96	20.17	20.20
18000	300	5	2.08E-01	11.25	18.92	18.97
21600	360	6	2.50E-01	10.71	17.96	18.02
25200	420	7	2.92E-01	10.26	17.19	17.26
28800	480	8	3.33E-01	9.89	16.55	16.62
32400	540	9	3.75E-01	9.58	16.00	16.08
36000	600	10	4.17E-01	9.31	15.53	15.61
43200	720	12	5.00E-01	8.85	14.74	14.83
50400	840	14	5.83E-01	8.49	14.11	14.21
57600	960	16	6.67E-01	8.18	13.58	13.68
64800	1080	18	7.50E-01	7.92	13.13	13.24
72000	1200	20	8.33E-01	7.70	12.74	12.85
86400	1440	24	1	7.32	12.10	12.21
108000	1800	30	1.25E+00	6.83	11.25	11.37
129600	2160	36	1.50E+00	6.35	10.44	10.58
151200	2520	42	1.75E+00	5.98	9.81	9.96
172800	2880	48	2	5.68	9.29	9.45
216000	3600	60	2.50E+00	5.20	8.48	8.65
259200	4320	72	3	4.84	7.88	8.05
302400	5040	84	3.50E+00	4.56	7.40	7.58
345600	5760	96	4	4.32	7.01	7.19
432000	7200	120	5	3.96	6.40	6.58
518400	8640	144	6	3.69	5.95	6.13
604800	10080	168	7	3.47	5.59	5.77
691200	11520	192	8	3.29	5.29	5.47
777600	12960	216	9	3.15	5.04	5.22
864000	14400	240	10	3.02	4.83	5.01
950400	15840	264	11	2.91	4.65	4.83
1036800	17280	288	12	2.80	4.48	4.65
1123200	18720	312	13	2.70	4.30	4.48
1209600	20160	336	14	2.61	4.15	4.32

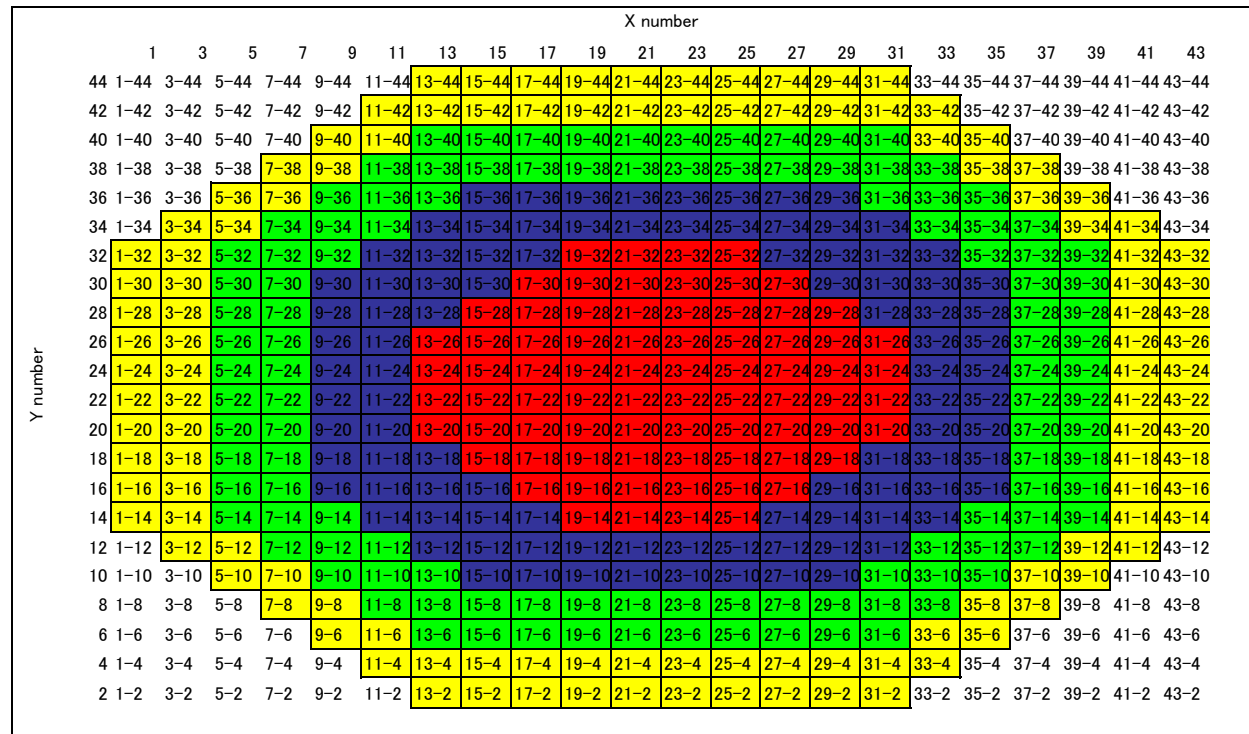
	Peaking Factor		
	1F1	1F2	1F3
Ring1	1.31	1.25	1.20
Ring2	1.29	1.13	1.19
Ring3	1.13	1.08	1.02
Ring4	0.44	0.59	0.64
node 1	0.63	0.61	0.85
node 2	1.11	1.09	1.46
node 3	1.11	1.18	1.33
node 4	1.08	1.20	1.21
node 5	1.09	1.19	1.13
node 6	1.09	1.16	1.07
node 7	1.10	1.10	0.97
node 8	1.08	1.01	0.95
node 9	1.07	0.93	0.78
node 10	0.64	0.52	0.24
	10.0	10.0	10.0

	# of FA		
	1F1	1F2	1F3
Ring1	76	124	124
Ring2	96	136	136
Ring3	112	144	144
Ring4	116	144	144
	400	548	548

	規格化		
	1F1	1F2	1F3
Ring1	0.248	0.282	0.272
Ring2	0.310	0.280	0.294
Ring3	0.316	0.282	0.268
Ring4	0.127	0.155	0.167
node 1	0.063	0.061	0.085
node 2	0.111	0.109	0.146
node 3	0.111	0.118	0.133
node 4	0.108	0.120	0.121
node 5	0.109	0.119	0.113
node 6	0.109	0.116	0.107
node 7	0.110	0.110	0.097
node 8	0.108	0.101	0.095
node 9	0.107	0.093	0.078
node 10	0.064	0.052	0.024



Fuel location of 1F1



Fuel location of 1F2 and 1F3

