

Sheet1

	Dai-ichi 1	Dai-ichi 2	Dai-ichi 3	SOURCE
Assemblies in core	400	548	548 JAIF	
Thermal power	1380	2381	2381 JAIF	
Capacity factor	80	80	80	
Assembly uranium weight	170	170	170	
Exposure per year	5.93	7.47	7.47	
Discharge burnup &				

Dai-ichi 1

average discharge burnup in different reload strategies

	3	4	5	6
12	17.79	23.72	29.65	35.58
18	26.68	35.58	44.47	53.37
24	35.58	47.44	59.3	71.16

core average burnup at beginning of cycle

	3	4	5	6
12	5.93	8.89	11.86	14.82
18	8.89	13.34	17.79	22.24
24	11.86	17.79	23.72	29.65

core average burnup at end of cycle

	3	4	5	6
12	11.86	14.82	17.79	20.75
18	17.79	22.24	26.68	31.13
24	23.72	29.65	35.58	41.51

core average burnup in the middle of the cycle

EFPD: 148

	3	4	5	6
12	8.33	11.3	14.26	17.23
18	11.3	15.75	20.19	24.64
24	14.26	20.19	26.12	32.05

Dai-ichi 2 & 3

average discharge burnup in different reload strategies

	3	4	5	6
12	22.4	29.87	37.34	44.81
18	33.61	44.81	56.01	67.21
24	44.81	59.74	74.68	89.62

core average burnup at beginning of cycle

	3	4	5	6
12	7.47	11.2	14.94	18.67
18	11.2	16.8	22.4	28.01
24	14.94	22.4	29.87	37.34

core average burnup at end of cycle

3	4	5	6
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Sheet1

12	14.94	18.67	22.4	26.14
18	22.4	28.01	33.61	39.21
24	29.87	37.34	44.81	52.28

core average burnup in the middle of the cycle

EFPD:

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	3	4	5	
12	10.27	14	17.74	21.47
18	14	19.61	25.21	30.81
24	17.74	25.21	32.68	40.14