

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly E10 (Continued)

Statepoint 11 (3.67 EFPD Cy 8)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	6.486	605.5	0.7396
2	22.731	704.4	0.7396
3	29.480	713.2	0.7177
4	32.437	733.0	0.6641
5	33.315	749.8	0.6017
6	33.421	770.6	0.5424
7	33.349	791.9	0.4909
8	33.346	810.2	0.4476
9	33.788	828.9	0.4108
10	33.712	840.3	0.3793
11	33.512	844.2	0.3521
12	33.240	848.1	0.3287
13	32.932	844.2	0.3084
14	32.599	836.5	0.2905
15	32.209	828.9	0.2747
16	31.663	825.1	0.2605
17	30.804	813.9	0.2480
18	29.398	806.5	0.2370
19	28.016	792.0	0.2271
20	26.402	781.2	0.2182
21	24.130	760.1	0.2102
22	20.811	733.0	0.2037
23	16.652	697.1	0.1984
24	7.054	616.0	0.1953
25	4.053	590.6	0.1935

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly E11

Node No.	Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7
1	0.000		0.7396	1.770	671.7	0.7396	2.856	672.1	0.7396
2	0.000		0.7396	6.436	1058.6	0.7396	10.393	1062.1	0.7396
3	0.000		0.7070	8.587	1181.3	0.7070	13.793	1173.7	0.7069
4	0.000	Data	0.6396	9.459	1274.7	0.6396	15.073	1244.1	0.6399
5	0.000	Not	0.5641	9.479	1276.9	0.5641	15.097	1244.8	0.5651
6	0.000	Required	0.4978	9.229	1249.4	0.4978	14.751	1227.9	0.4992
7	0.000		0.4454	8.975	1222.0	0.4454	14.399	1210.8	0.4468
8	0.000		0.4038	8.786	1202.0	0.4038	14.126	1196.4	0.4051
9	0.000		0.3695	8.766	1199.9	0.3695	14.098	1195.0	0.3706
10	0.000		0.3406	8.625	1185.3	0.3406	13.891	1183.8	0.3416
11	0.000		0.3163	8.467	1169.0	0.3163	13.670	1173.2	0.3170
12	0.000		0.2955	8.295	1151.6	0.2955	13.435	1162.7	0.2961
13	0.000		0.2776	8.110	1133.1	0.2776	13.187	1152.3	0.2780
14	0.000		0.2619	7.904	1113.0	0.2619	12.917	1141.8	0.2621
15	0.000		0.2481	7.665	1090.0	0.2481	12.604	1129.8	0.2481
16	0.000		0.2361	7.382	1063.5	0.2361	12.230	1115.2	0.2356
17	0.000		0.2254	7.017	1030.4	0.2254	11.740	1095.6	0.2247
18	0.000		0.2162	6.398	976.6	0.2162	10.912	1063.5	0.2151
19	0.000		0.2083	6.016	944.9	0.2083	10.357	1037.6	0.2068
20	0.000		0.2014	5.665	916.8	0.2014	9.798	1007.5	0.1994
21	0.000		0.1953	5.301	888.6	0.1953	9.135	965.8	0.1929
22	0.000		0.1900	4.571	834.8	0.1900	7.876	896.5	0.1873
23	0.000		0.1857	3.698	774.9	0.1857	6.349	818.1	0.1829
24	0.000		0.1829	1.496	642.0	0.1829	2.625	661.6	0.1799
25	0.000		0.1818	0.892	609.4	0.1818	1.546	618.9	0.1788
Node No.	Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8
1	3.907	625.6	0.7396	4.352	606.8	0.7396	5.065	605.1	0.7396
2	14.245	829.8	0.7396	15.800	735.9	0.7396	18.150	718.6	0.7396
3	18.770	869.8	0.7156	20.752	756.9	0.7191	23.604	728.1	0.7231
4	20.636	915.4	0.6592	22.869	785.4	0.6673	25.947	742.8	0.6765
5	21.014	944.1	0.5955	23.432	807.1	0.6088	26.679	754.0	0.6239
6	20.911	964.4	0.5373	23.482	825.5	0.5550	26.912	766.4	0.5756
7	20.734	979.3	0.4882	23.426	840.4	0.5089	27.053	779.9	0.5339
8	20.622	993.2	0.4466	23.404	851.6	0.4691	27.233	794.0	0.4975
9	20.862	1016.9	0.4110	23.737	863.4	0.4338	27.810	811.4	0.4646
10	20.825	1032.2	0.3801	23.727	866.8	0.4026	27.977	824.2	0.4348
11	20.705	1041.4	0.3534	23.623	868.9	0.3753	28.042	836.7	0.4082
12	20.487	1043.0	0.3302	23.419	870.7	0.3516	28.009	849.5	0.3846
13	20.194	1038.9	0.3099	23.144	873.0	0.3308	27.907	862.7	0.3637
14	19.826	1029.9	0.2922	22.797	875.7	0.3125	27.735	876.2	0.3452
15	19.365	1016.6	0.2764	22.357	878.5	0.2964	27.472	890.2	0.3286
16	18.797	999.4	0.2624	21.804	880.4	0.2822	27.092	904.0	0.3140
17	18.067	978.6	0.2502	21.076	880.7	0.2698	26.523	917.0	0.3011
18	16.950	954.1	0.2398	19.953	879.9	0.2595	25.537	928.3	0.2905
19	16.035	924.6	0.2304	19.006	875.7	0.2498	24.628	931.5	0.2799
20	15.038	889.9	0.2217	17.952	868.4	0.2410	23.482	923.8	0.2699
21	13.773	844.6	0.2138	16.521	847.3	0.2327	21.706	895.8	0.2604
22	11.744	790.1	0.2074	14.206	812.3	0.2263	18.861	854.4	0.2532
23	9.295	729.5	0.2019	11.259	754.9	0.2203	15.046	791.0	0.2466
24	3.811	626.1	0.1985	4.600	634.7	0.2163	6.158	649.0	0.2421
25	2.181	596.4	0.1960	2.592	599.8	0.2125	3.408	607.1	0.2371

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly E11 (Continued)

Statepoint 11 (3.67 EFPD Cy 8)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	5.089	639.5	0.7396
2	18.229	855.3	0.7396
3	23.706	900.0	0.7232
4	26.061	951.1	0.6766
5	26.799	977.8	0.6241
6	27.035	991.4	0.5758
7	27.177	996.0	0.5341
8	27.358	1000.6	0.4976
9	27.939	1019.3	0.4647
10	28.107	1024.0	0.4348
11	28.172	1024.0	0.4082
12	28.138	1019.3	0.3846
13	28.035	1014.6	0.3637
14	27.862	1009.9	0.3451
15	27.596	996.0	0.3286
16	27.211	973.3	0.3140
17	26.636	946.7	0.3010
18	25.643	916.7	0.2904
19	24.727	887.8	0.2799
20	23.573	855.8	0.2699
21	21.788	821.4	0.2604
22	18.931	777.7	0.2531
23	15.103	733.0	0.2465
24	6.182	630.3	0.2420
25	3.422	601.8	0.2370

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly E12

Node No.	Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7
1	0.000		0.7396	1.669	664.9	0.7396	2.755	672.1	0.7396
2	0.000		0.7396	6.043	1019.6	0.7396	10.004	1062.8	0.7396
3	0.000		0.7111	8.101	1132.3	0.7111	13.359	1182.4	0.7089
4	0.000	Data	0.6480	9.010	1225.8	0.6480	14.690	1255.8	0.6438
5	0.000	Not	0.5755	9.116	1237.2	0.5755	14.778	1252.6	0.5709
6	0.000	Required	0.5100	8.959	1220.3	0.5100	14.497	1230.7	0.5058
7	0.000		0.4570	8.798	1203.3	0.4570	14.214	1209.4	0.4534
8	0.000		0.4143	8.702	1193.2	0.4143	14.022	1192.9	0.4113
9	0.000		0.3787	8.777	1201.1	0.3787	14.080	1190.1	0.3762
10	0.000		0.3484	8.730	1196.2	0.3484	13.961	1177.9	0.3465
11	0.000		0.3227	8.659	1188.8	0.3227	13.824	1166.8	0.3213
12	0.000		0.3006	8.561	1178.6	0.3006	13.661	1156.1	0.2995
13	0.000		0.2815	8.433	1165.5	0.2815	13.470	1145.7	0.2807
14	0.000		0.2647	8.262	1148.3	0.2647	13.235	1135.3	0.2642
15	0.000		0.2501	8.025	1124.8	0.2501	12.926	1123.7	0.2496
16	0.000		0.2372	7.716	1094.9	0.2372	12.524	1108.9	0.2368
17	0.000		0.2261	7.297	1055.7	0.2261	11.972	1088.1	0.2256
18	0.000		0.2165	6.601	993.9	0.2165	11.046	1053.1	0.2158
19	0.000		0.2084	6.145	955.5	0.2084	10.383	1022.6	0.2073
20	0.000		0.2014	5.733	922.2	0.2014	9.730	988.3	0.1998
21	0.000		0.1953	5.322	890.2	0.1953	9.003	945.2	0.1934
22	0.000		0.1899	4.563	834.2	0.1899	7.722	878.4	0.1878
23	0.000		0.1857	3.686	774.1	0.1857	6.220	804.9	0.1833
24	0.000		0.1828	1.500	642.3	0.1828	2.584	657.5	0.1804
25	0.000		0.1817	0.898	609.7	0.1817	1.529	616.8	0.1792
Node No.	Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8
1	3.899	631.6	0.7396	4.339	606.2	0.7396	5.348	624.5	0.7396
2	14.211	859.4	0.7396	15.801	740.3	0.7396	19.107	792.6	0.7396
3	18.848	909.5	0.7141	20.977	773.5	0.7178	25.029	809.8	0.7220
4	20.878	966.8	0.6560	23.375	816.5	0.6646	27.720	831.2	0.6739
5	21.386	1003.0	0.5901	24.159	850.5	0.6043	28.663	843.0	0.6189
6	21.383	1027.9	0.5301	24.355	875.9	0.5488	28.999	853.6	0.5674
7	21.301	1046.2	0.4804	24.409	893.7	0.5015	29.203	865.1	0.5228
8	21.269	1061.1	0.4391	24.471	906.2	0.4611	29.431	878.0	0.4836
9	21.523	1079.6	0.4036	24.829	920.3	0.4253	30.025	896.6	0.4484
10	21.420	1081.1	0.3725	24.761	925.1	0.3935	30.140	911.4	0.4167
11	21.205	1073.7	0.3455	24.560	927.0	0.3658	30.121	926.4	0.3888
12	20.903	1060.6	0.3222	24.259	927.2	0.3417	30.007	942.0	0.3643
13	20.553	1045.8	0.3022	23.901	926.1	0.3208	29.831	957.5	0.3429
14	20.279	1042.3	0.2857	23.596	921.8	0.3034	29.695	972.2	0.3244
15	20.417	1084.2	0.2739	23.646	909.9	0.2898	29.849	981.3	0.3090
16	19.993	1082.1	0.2605	23.135	898.2	0.2756	29.483	994.2	0.2940
17	19.069	1047.1	0.2474	22.106	884.3	0.2622	28.609	1008.1	0.2801
18	17.668	1004.3	0.2362	20.575	867.5	0.2510	27.230	1022.0	0.2685
19	16.518	962.3	0.2267	19.282	849.3	0.2411	26.092	1036.4	0.2582
20	15.309	916.6	0.2180	17.990	839.0	0.2325	24.809	1037.3	0.2488
21	13.895	863.4	0.2101	16.486	827.9	0.2250	23.126	1020.7	0.2409
22	11.813	805.5	0.2039	14.552	846.2	0.2211	20.609	968.5	0.2352
23	9.365	742.2	0.1986	11.788	807.7	0.2166	16.830	884.4	0.2296
24	3.879	632.1	0.1953	4.913	658.2	0.2133	7.114	687.2	0.2256
25	2.244	600.6	0.1931	2.820	614.9	0.2105	4.082	632.0	0.2231

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly E12 (Continued)

Statepoint 11 (3.67 EFPD Cy 8)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	5.360	598.9	0.7396
2	19.146	693.2	0.7396
3	25.078	706.7	0.7221
4	27.776	729.6	0.6741
5	28.725	749.8	0.6192
6	29.066	767.1	0.5678
7	29.275	784.8	0.5232
8	29.506	795.6	0.4842
9	30.106	817.6	0.4489
10	30.223	825.1	0.4173
11	30.204	825.1	0.3894
12	30.089	821.4	0.3649
13	29.913	821.4	0.3434
14	29.775	813.9	0.3250
15	29.926	802.9	0.3095
16	29.557	792.0	0.2944
17	28.679	777.7	0.2805
18	27.296	763.6	0.2689
19	26.154	749.8	0.2586
20	24.868	739.7	0.2492
21	23.178	716.5	0.2413
22	20.654	694.0	0.2356
23	16.865	663.0	0.2299
24	7.129	604.6	0.2259
25	4.089	582.3	0.2234

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F1

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.476	653.0	0.7396	2.015	616.6	0.7396
2	0.000		0.7396	5.479	970.2	0.7396	7.501	794.9	0.7396
3	0.000		0.7168	7.527	1083.1	0.7168	10.466	869.2	0.7198
4	0.000	Data	0.6577	8.612	1191.5	0.6577	12.094	941.6	0.6658
5	0.000	Not	0.5853	8.909	1223.1	0.5853	12.608	972.3	0.6009
6	0.000	Required	0.5175	8.862	1218.1	0.5175	12.625	981.6	0.5399
7	0.000		0.4622	8.746	1205.7	0.4622	12.523	983.6	0.4891
8	0.000		0.4182	8.659	1196.5	0.4182	12.456	988.6	0.4470
9	0.000		0.3814	8.789	1210.2	0.3814	12.709	1004.7	0.4108
10	0.000		0.3502	8.638	1194.3	0.3502	12.572	1006.8	0.3793
11	0.000		0.3241	8.409	1170.4	0.3241	12.375	1011.6	0.3527
12	0.000		0.3020	8.132	1142.2	0.3020	12.350	1050.3	0.3320
13	0.000		0.2832	7.822	1111.5	0.2832	12.989	1210.5	0.3186
14	0.000		0.2672	7.480	1078.6	0.2672	12.861	1249.9	0.2992
15	0.000		0.2535	7.095	1042.8	0.2535	12.349	1226.4	0.2804
16	0.000		0.2417	6.651	1003.1	0.2417	11.651	1180.6	0.2642
17	0.000		0.2317	6.102	956.3	0.2317	10.746	1119.3	0.2507
18	0.000		0.2235	5.300	892.0	0.2235	9.433	1037.1	0.2397
19	0.000		0.2167	4.769	852.0	0.2167	8.503	977.4	0.2306
20	0.000		0.2110	4.329	820.3	0.2110	7.705	927.0	0.2231
21	0.000		0.2060	3.945	793.6	0.2060	6.981	881.7	0.2166
22	0.000		0.2017	3.307	751.3	0.2017	5.835	818.3	0.2112
23	0.000		0.1982	2.604	707.2	0.1982	4.569	753.6	0.2069
24	0.000		0.1956	1.007	616.0	0.1956	1.797	634.3	0.2041
25	0.000		0.1957	0.653	597.1	0.1957	1.142	606.6	0.2034

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	3.215	636.8	0.7396	3.237	632.1	0.7396
2	11.908	883.6	0.7396	11.989	862.0	0.7396
3	16.297	945.9	0.7227	16.403	913.9	0.7228
4	18.440	990.4	0.6727	18.560	974.3	0.6729
5	19.076	1001.3	0.6123	19.203	1006.1	0.6127
6	19.137	1005.2	0.5551	19.268	1024.8	0.5555
7	19.095	1010.6	0.5062	19.228	1034.3	0.5065
8	19.114	1018.4	0.4646	19.249	1043.9	0.4648
9	19.564	1036.6	0.4282	19.703	1063.3	0.4283
10	19.547	1047.8	0.3962	19.687	1068.2	0.3964
11	19.465	1058.7	0.3689	19.606	1073.2	0.3691
12	19.530	1067.3	0.3463	19.671	1073.2	0.3464
13	20.179	1068.3	0.3289	20.318	1063.3	0.3289
14	20.165	1079.3	0.3092	20.303	1058.4	0.3092
15	19.810	1094.6	0.2908	19.945	1043.9	0.2908
16	19.262	1109.5	0.2747	19.393	1024.8	0.2748
17	18.447	1118.5	0.2610	18.573	1001.5	0.2611
18	17.084	1113.5	0.2495	17.204	974.3	0.2496
19	15.951	1093.3	0.2393	16.064	943.6	0.2393
20	14.775	1056.8	0.2301	14.880	909.7	0.2301
21	13.425	999.1	0.2220	13.518	861.4	0.2220
22	11.298	915.5	0.2153	11.378	812.0	0.2153
23	8.818	822.2	0.2099	8.880	748.5	0.2100
24	3.538	659.0	0.2067	3.564	635.7	0.2067
25	2.206	620.5	0.2053	2.222	607.2	0.2054

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F2

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.324	642.9	0.7396	2.123	645.2	0.7396
2	0.000		0.7396	4.897	916.9	0.7396	7.872	931.7	0.7396
3	0.000		0.7260	6.748	1011.6	0.7260	11.033	1060.8	0.7238
4	0.000	Data	0.6779	7.834	1112.7	0.6779	12.860	1185.2	0.6725
5	0.000	Not	0.6147	8.259	1155.1	0.6147	13.490	1222.2	0.6061
6	0.000	Required	0.5499	8.344	1163.7	0.5499	13.531	1214.1	0.5398
7	0.000		0.4927	8.323	1161.6	0.4927	13.414	1196.8	0.4826
8	0.000		0.4453	8.318	1161.1	0.4453	13.345	1185.4	0.4359
9	0.000		0.4056	8.509	1180.8	0.4056	13.611	1198.8	0.3970
10	0.000		0.3717	8.412	1170.7	0.3717	13.463	1189.6	0.3639
11	0.000		0.3435	8.221	1151.2	0.3435	13.205	1177.8	0.3360
12	0.000		0.3197	7.973	1126.4	0.3197	12.891	1166.2	0.3125
13	0.000		0.2996	7.686	1098.3	0.2996	12.545	1155.9	0.2925
14	0.000		0.2824	7.365	1067.8	0.2824	12.164	1145.6	0.2752
15	0.000		0.2677	7.002	1034.4	0.2677	11.725	1132.6	0.2602
16	0.000		0.2550	6.581	997.0	0.2550	11.175	1111.0	0.2472
17	0.000		0.2443	6.055	952.4	0.2443	10.421	1073.7	0.2358
18	0.000		0.2353	5.270	889.7	0.2353	9.231	1010.9	0.2263
19	0.000		0.2280	4.772	852.2	0.2280	8.402	962.5	0.2185
20	0.000		0.2218	4.366	822.9	0.2218	7.681	918.7	0.2119
21	0.000		0.2165	4.016	798.5	0.2165	7.016	877.0	0.2064
22	0.000		0.2119	3.390	756.7	0.2119	5.902	816.4	0.2015
23	0.000		0.2081	2.684	712.1	0.2081	4.656	754.4	0.1978
24	0.000		0.2055	1.043	617.9	0.2055	1.848	635.7	0.1949
25	0.000		0.2045	0.671	598.1	0.2045	1.181	608.5	0.1940
Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.441	644.7	0.7396	3.467	645.8	0.7396			
2	12.658	917.7	0.7396	12.754	931.0	0.7396			
3	17.237	977.9	0.7235	17.361	992.4	0.7236			
4	19.493	1016.2	0.6737	19.627	1039.1	0.6737			
5	20.161	1019.6	0.6114	20.299	1058.4	0.6115			
6	20.196	1019.1	0.5500	20.335	1063.3	0.5501			
7	20.116	1022.5	0.4967	20.254	1058.4	0.4968			
8	20.125	1029.6	0.4522	20.264	1063.3	0.4523			
9	20.587	1047.9	0.4142	20.727	1068.2	0.4144			
10	20.571	1060.4	0.3816	20.711	1068.3	0.3817			
11	20.457	1074.2	0.3538	20.595	1058.4	0.3540			
12	20.293	1088.8	0.3300	20.429	1048.7	0.3301			
13	20.102	1104.1	0.3092	20.235	1034.3	0.3093			
14	19.874	1119.4	0.2911	20.003	1015.4	0.2912			
15	19.572	1133.4	0.2751	19.697	996.9	0.2751			
16	19.131	1144.6	0.2609	19.251	974.3	0.2611			
17	18.424	1149.4	0.2486	18.539	952.3	0.2487			
18	17.145	1140.2	0.2380	17.253	922.3	0.2382			
19	16.088	1117.0	0.2285	16.190	897.4	0.2287			
20	14.970	1077.8	0.2200	15.064	865.3	0.2202			
21	13.657	1016.9	0.2125	13.741	826.9	0.2126			
22	11.538	929.6	0.2062	11.609	779.6	0.2063			
23	9.050	832.8	0.2012	9.105	725.2	0.2013			
24	3.662	663.3	0.1979	3.684	624.2	0.1981			
25	2.302	623.7	0.1965	2.315	598.8	0.1966			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F3

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.264	639.0	0.7396	2.007	639.0	0.7396
2	0.000		0.7396	4.716	900.9	0.7396	7.495	901.9	0.7396
3	0.000		0.7288	6.522	991.9	0.7288	10.541	1019.6	0.7276
4	0.000	Data	0.6841	7.579	1088.0	0.6841	12.321	1135.8	0.6809
5	0.000	Not	0.6242	7.990	1128.0	0.6242	12.944	1172.5	0.6189
6	0.000	Required	0.5613	8.069	1135.9	0.5613	12.983	1165.5	0.5548
7	0.000		0.5044	8.043	1133.3	0.5044	12.854	1147.6	0.4980
8	0.000		0.4566	8.039	1132.9	0.4566	12.777	1135.2	0.4508
9	0.000		0.4165	8.236	1152.7	0.4165	13.035	1145.6	0.4114
10	0.000		0.3824	8.166	1145.6	0.3824	12.899	1134.3	0.3779
11	0.000		0.3535	8.009	1129.9	0.3535	12.660	1120.5	0.3496
12	0.000		0.3292	7.800	1109.3	0.3292	12.370	1107.0	0.3256
13	0.000		0.3085	7.554	1085.6	0.3085	12.052	1095.1	0.3052
14	0.000		0.2908	7.273	1059.2	0.2908	11.708	1084.9	0.2874
15	0.000		0.2755	6.953	1029.9	0.2755	11.316	1073.3	0.2720
16	0.000		0.2623	6.577	996.7	0.2623	10.832	1056.1	0.2586
17	0.000		0.2510	6.096	955.8	0.2510	10.163	1026.9	0.2469
18	0.000		0.2415	5.343	895.3	0.2415	9.065	975.7	0.2370
19	0.000		0.2337	4.862	858.9	0.2337	8.312	937.2	0.2288
20	0.000		0.2271	4.456	829.3	0.2271	7.644	901.6	0.2217
21	0.000		0.2212	4.095	803.9	0.2212	7.007	865.8	0.2156
22	0.000		0.2162	3.441	760.0	0.2162	5.895	809.5	0.2104
23	0.000		0.2124	2.706	713.5	0.2124	4.632	749.3	0.2063
24	0.000		0.2098	1.044	618.0	0.2098	1.826	633.6	0.2035
25	0.000		0.2088	0.667	596.6	0.2088	1.158	606.8	0.2026

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	3.196	636.0	0.7396	3.219	635.5	0.7396
2	11.866	880.4	0.7396	11.951	879.9	0.7396
3	16.311	940.8	0.7281	16.423	939.3	0.7281
4	18.551	980.2	0.6834	18.678	1006.1	0.6834
5	19.239	985.9	0.6256	19.377	1058.4	0.6256
6	19.282	986.3	0.5665	19.430	1108.5	0.5666
7	19.188	989.3	0.5138	19.346	1161.0	0.5138
8	19.184	995.8	0.4691	19.348	1193.8	0.4690
9	19.620	1011.8	0.4307	19.790	1227.5	0.4306
10	19.595	1021.9	0.3978	19.765	1227.5	0.3976
11	19.477	1033.1	0.3695	19.645	1216.1	0.3693
12	19.319	1045.4	0.3452	19.484	1199.3	0.3450
13	19.139	1058.4	0.3241	19.302	1188.3	0.3238
14	18.929	1071.2	0.3055	19.091	1182.8	0.3052
15	18.661	1083.2	0.2891	18.821	1171.8	0.2889
16	18.277	1093.0	0.2747	18.434	1155.7	0.2744
17	17.651	1097.3	0.2619	17.804	1134.5	0.2616
18	16.466	1088.7	0.2511	16.613	1103.4	0.2508
19	15.512	1069.2	0.2413	15.651	1063.3	0.2409
20	14.489	1035.7	0.2323	14.620	1024.8	0.2320
21	13.268	982.9	0.2243	13.386	965.4	0.2240
22	11.215	903.9	0.2178	11.316	893.3	0.2174
23	8.773	814.4	0.2125	8.852	808.4	0.2121
24	3.519	656.2	0.2093	3.553	659.3	0.2090
25	2.192	618.8	0.2077	2.213	621.3	0.2074

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F4

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.297	641.1	0.7396	2.099	645.6	0.7396
2	0.000		0.7396	4.819	910.0	0.7396	7.809	934.0	0.7396
3	0.000		0.7266	6.661	1004.0	0.7266	10.964	1063.7	0.7237
4	0.000	Data	0.6789	7.775	1106.9	0.6789	12.836	1191.4	0.6721
5	0.000	Not	0.6158	8.257	1154.9	0.6158	13.550	1233.6	0.6054
6	0.000	Required	0.5505	8.401	1169.6	0.5505	13.676	1230.2	0.5385
7	0.000		0.4926	8.431	1172.7	0.4926	13.626	1215.6	0.4808
8	0.000		0.4444	8.465	1176.2	0.4444	13.601	1204.9	0.4335
9	0.000		0.4040	8.686	1199.3	0.4040	13.899	1218.9	0.3941
10	0.000		0.3697	8.608	1191.1	0.3697	13.774	1210.3	0.3606
11	0.000		0.3410	8.427	1172.3	0.3410	13.532	1199.3	0.3325
12	0.000		0.3169	8.182	1147.3	0.3169	13.227	1188.6	0.3088
13	0.000		0.2965	7.894	1118.6	0.2965	12.887	1179.4	0.2886
14	0.000		0.2792	7.563	1086.5	0.2792	12.509	1171.1	0.2711
15	0.000		0.2642	7.183	1050.9	0.2642	12.065	1159.9	0.2560
16	0.000		0.2515	6.737	1010.7	0.2515	11.500	1139.4	0.2429
17	0.000		0.2408	6.185	963.2	0.2408	10.717	1100.7	0.2315
18	0.000		0.2318	5.371	897.5	0.2318	9.479	1033.2	0.2219
19	0.000		0.2245	4.851	858.1	0.2245	8.603	980.0	0.2141
20	0.000		0.2183	4.428	827.3	0.2183	7.838	931.7	0.2076
21	0.000		0.2130	4.071	802.3	0.2130	7.141	886.1	0.2021
22	0.000		0.2084	3.438	759.8	0.2084	6.002	822.7	0.1974
23	0.000		0.2048	2.728	714.8	0.2048	4.738	758.6	0.1937
24	0.000		0.2022	1.062	618.9	0.2022	1.884	637.3	0.1909
25	0.000		0.2012	0.684	598.8	0.2012	1.206	609.6	0.1900

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	3.534	652.6	0.7396	3.558	638.9	0.7396
2	12.973	952.9	0.7396	13.060	889.0	0.7396
3	17.583	1014.9	0.7215	17.697	947.9	0.7215
4	19.853	1051.8	0.6697	19.983	1020.1	0.6699
5	20.570	1052.1	0.6060	20.710	1068.2	0.6062
6	20.668	1049.4	0.5437	20.814	1098.3	0.5439
7	20.642	1051.7	0.4897	20.793	1124.0	0.4899
8	20.693	1058.9	0.4447	20.849	1150.3	0.4449
9	21.190	1078.0	0.4065	21.350	1171.8	0.4066
10	21.201	1091.3	0.3738	21.362	1177.3	0.3739
11	21.107	1105.9	0.3459	21.266	1166.4	0.3459
12	20.956	1121.4	0.3220	21.113	1155.7	0.3220
13	20.773	1137.4	0.3013	20.928	1145.0	0.3013
14	20.551	1153.5	0.2831	20.703	1129.2	0.2831
15	20.253	1168.8	0.2671	20.403	1118.8	0.2671
16	19.809	1181.6	0.2530	19.956	1103.4	0.2530
17	19.088	1188.2	0.2406	19.231	1083.2	0.2406
18	17.783	1181.1	0.2299	17.921	1058.4	0.2299
19	16.684	1157.5	0.2204	16.818	1039.1	0.2204
20	15.510	1115.6	0.2120	15.638	1010.8	0.2119
21	14.134	1049.5	0.2046	14.249	952.3	0.2046
22	11.953	956.1	0.1984	12.053	889.3	0.1984
23	9.398	852.6	0.1936	9.477	808.4	0.1935
24	3.823	670.7	0.1903	3.856	656.3	0.1903
25	2.411	628.4	0.1889	2.432	621.3	0.1889

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F5

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.308	641.9	0.7396	2.120	646.7	0.7396
2	0.000		0.7396	4.893	916.5	0.7396	7.902	937.0	0.7396
3	0.000		0.7262	6.735	1010.5	0.7262	11.001	1057.8	0.7239
4	0.000	Data	0.6782	7.802	1109.5	0.6782	12.759	1173.0	0.6728
5	0.000	Not	0.6148	8.237	1152.8	0.6148	13.399	1209.6	0.6066
6	0.000	Required	0.5495	8.358	1165.2	0.5495	13.500	1206.0	0.5401
7	0.000		0.4915	8.389	1168.4	0.4915	13.454	1192.1	0.4824
8	0.000		0.4433	8.444	1174.0	0.4433	13.448	1181.3	0.4352
9	0.000		0.4029	8.704	1201.2	0.4029	13.768	1192.0	0.3958
10	0.000		0.3685	8.685	1199.2	0.3685	13.688	1181.1	0.3623
11	0.000		0.3395	8.567	1186.8	0.3395	13.499	1168.6	0.3342
12	0.000		0.3151	8.378	1167.2	0.3151	13.245	1157.3	0.3104
13	0.000		0.2943	8.139	1142.9	0.2943	12.960	1149.3	0.2899
14	0.000		0.2765	7.858	1115.0	0.2765	12.656	1145.4	0.2723
15	0.000		0.2612	7.527	1083.1	0.2612	12.307	1142.3	0.2569
16	0.000		0.2480	7.126	1045.6	0.2480	11.850	1132.8	0.2434
17	0.000		0.2368	6.608	999.4	0.2368	11.175	1106.5	0.2317
18	0.000		0.2273	5.801	931.6	0.2273	10.023	1050.9	0.2217
19	0.000		0.2197	5.274	890.0	0.2197	9.199	1005.5	0.2134
20	0.000		0.2131	4.823	856.0	0.2131	8.448	961.7	0.2063
21	0.000		0.2074	4.422	826.9	0.2074	7.732	918.0	0.2003
22	0.000		0.2025	3.727	778.9	0.2025	6.532	852.3	0.1951
23	0.000		0.1987	2.949	728.5	0.1987	5.171	782.5	0.1911
24	0.000		0.1962	1.142	623.3	0.1962	2.057	646.2	0.1882
25	0.000		0.1953	0.733	601.3	0.1953	1.312	614.8	0.1873
Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.618	656.9	0.7396	3.632	605.2	0.7396			
2	13.225	968.1	0.7396	13.276	737.5	0.7396			
3	17.729	1024.9	0.7210	17.795	762.2	0.7211			
4	19.845	1058.3	0.6692	19.920	793.9	0.6695			
5	20.474	1057.3	0.6058	20.555	815.7	0.6062			
6	20.543	1054.2	0.5436	20.628	830.7	0.5443			
7	20.521	1056.5	0.4897	20.610	845.9	0.4905			
8	20.585	1063.2	0.4448	20.678	861.4	0.4456			
9	21.098	1081.8	0.4066	21.194	873.2	0.4075			
10	21.145	1094.2	0.3739	21.241	873.2	0.3748			
11	21.095	1108.0	0.3460	21.191	873.2	0.3469			
12	20.989	1122.9	0.3220	21.083	865.3	0.3228			
13	20.856	1138.4	0.3012	20.948	857.5	0.3019			
14	20.698	1153.5	0.2829	20.787	845.9	0.2836			
15	20.484	1167.6	0.2667	20.571	838.2	0.2673			
16	20.144	1180.0	0.2524	20.227	823.2	0.2530			
17	19.547	1188.3	0.2397	19.626	808.4	0.2403			
18	18.378	1186.5	0.2287	18.452	790.3	0.2293			
19	17.390	1169.1	0.2189	17.460	776.1	0.2195			
20	16.288	1132.6	0.2102	16.353	758.7	0.2107			
21	14.928	1068.8	0.2025	14.986	735.1	0.2030			
22	12.729	977.3	0.1961	12.778	705.7	0.1966			
23	10.073	871.0	0.1910	10.111	671.4	0.1915			
24	4.113	677.6	0.1877	4.128	604.4	0.1882			
25	2.591	632.5	0.1863	2.599	584.9	0.1868			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F6

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.271	639.4	0.7396	2.014	639.0	0.7396
2	0.000		0.7396	4.783	906.8	0.7396	7.542	899.0	0.7396
3	0.000		0.7265	6.589	997.7	0.7265	10.522	1006.7	0.7265
4	0.000	Data	0.6791	7.613	1091.3	0.6791	12.217	1112.6	0.6789
5	0.000	Not Required	0.6181	8.013	1130.3	0.6181	12.837	1149.9	0.6169
6	0.000		0.5551	8.111	1140.1	0.5551	12.929	1148.8	0.5532
7	0.000		0.4984	8.127	1141.7	0.4984	12.870	1136.0	0.4964
8	0.000		0.4507	8.197	1148.8	0.4507	12.875	1125.0	0.4490
9	0.000		0.4103	8.528	1182.7	0.4103	13.255	1133.3	0.4093
10	0.000		0.3755	8.625	1192.9	0.3755	13.279	1121.0	0.3753
11	0.000		0.3457	8.612	1191.5	0.3457	13.187	1107.8	0.3462
12	0.000		0.3202	8.489	1178.7	0.3202	12.997	1096.8	0.3215
13	0.000		0.2985	8.292	1158.4	0.2985	12.752	1088.9	0.3003
14	0.000		0.2799	8.034	1132.4	0.2799	12.468	1084.7	0.2820
15	0.000		0.2640	7.711	1100.7	0.2640	12.122	1081.0	0.2662
16	0.000		0.2504	7.317	1063.3	0.2504	11.672	1072.0	0.2524
17	0.000		0.2387	6.808	1017.0	0.2387	11.025	1050.1	0.2404
18	0.000		0.2290	6.004	948.1	0.2290	9.919	1004.0	0.2303
19	0.000		0.2209	5.478	905.9	0.2209	9.149	968.3	0.2217
20	0.000		0.2140	5.020	870.7	0.2140	8.461	935.9	0.2143
21	0.000		0.2080	4.602	839.8	0.2080	7.798	902.7	0.2078
22	0.000		0.2029	3.870	788.5	0.2029	6.613	844.5	0.2022
23	0.000		0.1989	3.046	734.6	0.1989	5.222	777.2	0.1979
24	0.000		0.1963	1.173	625.0	0.1963	2.063	643.8	0.1951
25	0.000		0.1953	0.747	602.1	0.1953	1.301	612.5	0.1941
Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.405	649.6	0.7396	3.432	649.3	0.7396			
2	12.533	936.6	0.7396	12.631	940.5	0.7396			
3	16.924	995.4	0.7247	17.049	996.9	0.7247			
4	19.025	1032.2	0.6770	19.163	1058.4	0.677			
5	19.672	1034.7	0.6173	19.814	1078.2	0.6174			
6	19.752	1033.6	0.5574	19.894	1078.2	0.5574			
7	19.720	1036.1	0.5040	19.861	1073.2	0.5041			
8	19.784	1041.6	0.4589	19.926	1078.2	0.4589			
9	20.324	1056.7	0.4203	20.467	1083.2	0.4203			
10	20.435	1065.0	0.3869	20.577	1078.2	0.3870			
11	20.451	1075.4	0.3582	20.592	1073.2	0.3583			
12	20.386	1087.5	0.3336	20.525	1063.3	0.3336			
13	20.277	1100.9	0.3121	20.413	1048.7	0.3121			
14	20.132	1114.8	0.2934	20.264	1029.6	0.2934			
15	19.920	1128.4	0.2768	20.048	1010.8	0.2768			
16	19.588	1140.4	0.2621	19.712	992.4	0.2622			
17	19.019	1148.5	0.2493	19.136	961.0	0.2493			
18	17.895	1146.6	0.2381	18.005	930.7	0.2382			
19	16.973	1131.0	0.2280	17.076	901.5	0.2281			
20	15.952	1097.6	0.2190	16.047	869.3	0.2191			
21	14.674	1038.5	0.2110	14.758	826.9	0.2111			
22	12.529	953.1	0.2044	12.600	779.6	0.2045			
23	9.889	853.1	0.1991	9.944	725.2	0.1992			
24	4.004	670.8	0.1959	4.027	627.0	0.1960			
25	2.497	627.9	0.1944	2.511	601.6	0.1945			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F7

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.244	637.7	0.7396	1.953	635.2	0.7396
2	0.000		0.7396	4.669	896.7	0.7396	7.321	883.1	0.7396
3	0.000		0.7288	6.449	985.6	0.7288	10.268	989.8	0.7288
4	0.000	Data	0.6842	7.476	1078.2	0.6842	11.987	1097.3	0.6839
5	0.000	Not	0.6252	7.879	1117.1	0.6252	12.620	1135.7	0.6242
6	0.000	Required	0.5633	7.971	1126.2	0.5633	12.698	1133.3	0.5616
7	0.000		0.5068	7.971	1126.2	0.5068	12.610	1118.5	0.5050
8	0.000		0.4589	8.008	1129.8	0.4589	12.576	1106.6	0.4575
9	0.000		0.4184	8.268	1156.0	0.4184	12.889	1115.5	0.4177
10	0.000		0.3838	8.280	1157.2	0.3838	12.831	1103.8	0.3836
11	0.000		0.3542	8.203	1149.4	0.3542	12.668	1089.7	0.3547
12	0.000		0.3291	8.052	1134.2	0.3291	12.439	1077.1	0.3301
13	0.000		0.3076	7.846	1113.8	0.3076	12.170	1067.0	0.3090
14	0.000		0.2892	7.594	1089.5	0.2892	11.866	1058.8	0.2908
15	0.000		0.2734	7.291	1060.9	0.2734	11.510	1050.5	0.2749
16	0.000		0.2597	6.926	1027.5	0.2597	11.062	1037.6	0.2612
17	0.000		0.2480	6.453	985.9	0.2480	10.434	1013.9	0.2492
18	0.000		0.2382	5.689	922.6	0.2382	9.365	969.0	0.2390
19	0.000		0.2300	5.196	884.0	0.2300	8.637	935.9	0.2304
20	0.000		0.2230	4.763	851.6	0.2230	7.977	905.1	0.2230
21	0.000		0.2169	4.367	823.0	0.2169	7.338	873.3	0.2164
22	0.000		0.2118	3.661	774.5	0.2118	6.191	818.6	0.2110
23	0.000		0.2077	2.871	723.7	0.2077	4.865	756.8	0.2067
24	0.000		0.2052	1.103	621.2	0.2052	1.913	636.2	0.2039
25	0.000		0.2042	0.702	599.7	0.2042	1.205	607.9	0.2029
Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.162	637.4	0.7396	3.184	632.1	0.7396			
2	11.736	884.3	0.7396	11.818	866.4	0.7396			
3	16.075	943.9	0.7289	16.185	930.7	0.729			
4	18.252	983.3	0.6855	18.376	992.4	0.6856			
5	18.950	989.0	0.6292	19.083	1034.3	0.6294			
6	19.034	989.5	0.5711	19.175	1073.2	0.5713			
7	18.980	992.5	0.5185	19.126	1098.3	0.5186			
8	19.012	998.4	0.4734	19.162	1118.8	0.4735			
9	19.490	1013.3	0.4347	19.645	1145.0	0.4347			
10	19.523	1021.6	0.4012	19.679	1150.3	0.4011			
11	19.466	1031.3	0.3725	19.620	1139.7	0.3724			
12	19.356	1042.4	0.3476	19.510	1139.7	0.3476			
13	19.217	1054.6	0.3260	19.367	1118.8	0.3260			
14	19.044	1067.1	0.3072	19.192	1108.5	0.3071			
15	18.814	1079.3	0.2905	18.959	1093.2	0.2904			
16	18.474	1089.8	0.2758	18.615	1073.2	0.2757			
17	17.905	1095.6	0.2628	18.041	1048.7	0.2627			
18	16.781	1090.2	0.2517	16.911	1020.1	0.2516			
19	15.882	1073.5	0.2416	16.006	992.4	0.2415			
20	14.893	1042.3	0.2325	15.009	956.6	0.2323			
21	13.682	990.2	0.2242	13.786	905.6	0.2242			
22	11.611	912.0	0.2175	11.700	845.9	0.2174			
23	9.103	821.4	0.2121	9.174	779.6	0.2120			
24	3.649	658.7	0.2089	3.680	650.4	0.2088			
25	2.263	620.2	0.2074	2.282	615.6	0.2072			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F8

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.302	641.5	0.7396	2.112	646.5	0.7396
2	0.000		0.7396	4.874	914.8	0.7396	7.873	935.4	0.7396
3	0.000		0.7265	6.711	1008.4	0.7265	10.964	1055.8	0.7241
4	0.000	Data	0.6786	7.778	1107.2	0.6786	12.722	1170.7	0.6732
5	0.000	Not	0.6155	8.214	1150.5	0.6155	13.365	1207.6	0.6073
6	0.000	Required	0.5503	8.337	1163.0	0.5503	13.468	1204.0	0.5408
7	0.000		0.4923	8.369	1166.3	0.4923	13.425	1190.5	0.4831
8	0.000		0.4440	8.425	1172.1	0.4440	13.419	1179.5	0.4359
9	0.000		0.4037	8.685	1199.2	0.4037	13.740	1190.4	0.3965
10	0.000		0.3692	8.666	1197.2	0.3692	13.661	1179.7	0.3630
11	0.000		0.3402	8.549	1184.9	0.3402	13.472	1167.0	0.3348
12	0.000		0.3157	8.360	1165.4	0.3157	13.219	1155.9	0.3109
13	0.000		0.2949	8.122	1141.2	0.2949	12.935	1148.0	0.2905
14	0.000		0.2770	7.841	1113.4	0.2770	12.631	1144.0	0.2728
15	0.000		0.2617	7.511	1081.5	0.2617	12.283	1140.9	0.2574
16	0.000		0.2486	7.111	1044.3	0.2486	11.826	1131.3	0.2439
17	0.000		0.2372	6.593	998.0	0.2372	11.152	1105.2	0.2321
18	0.000		0.2278	5.787	930.4	0.2278	10.002	1049.8	0.2221
19	0.000		0.2201	5.261	889.0	0.2201	9.179	1004.4	0.2138
20	0.000		0.2136	4.811	855.1	0.2136	8.429	960.7	0.2067
21	0.000		0.2079	4.412	826.2	0.2079	7.715	917.1	0.2007
22	0.000		0.2030	3.718	778.3	0.2030	6.518	851.6	0.1955
23	0.000		0.1991	2.941	728.0	0.1991	5.158	781.9	0.1914
24	0.000		0.1967	1.139	623.1	0.1967	2.053	646.1	0.1886
25	0.000		0.1957	0.731	601.2	0.1957	1.308	614.6	0.1876
Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.606	656.7	0.7396	3.620	605.2	0.7396			
2	13.179	966.4	0.7396	13.230	737.5	0.7396			
3	17.673	1023.1	0.7212	17.738	758.7	0.7213			
4	19.790	1056.6	0.6696	19.864	790.3	0.6699			
5	20.423	1055.7	0.6064	20.504	815.7	0.6069			
6	20.495	1052.7	0.5444	20.581	834.4	0.545			
7	20.476	1055.0	0.4904	20.565	845.9	0.4912			
8	20.543	1061.9	0.4454	20.635	857.5	0.4463			
9	21.056	1080.4	0.4073	21.151	869.2	0.4082			
10	21.104	1092.8	0.3746	21.199	869.2	0.3754			
11	21.055	1106.7	0.3466	21.150	869.2	0.3474			
12	20.949	1121.5	0.3226	21.043	865.3	0.3234			
13	20.816	1136.8	0.3017	20.908	857.5	0.3024			
14	20.659	1152.0	0.2834	20.748	845.9	0.2841			
15	20.445	1166.0	0.2672	20.532	838.2	0.2678			
16	20.106	1178.5	0.2528	20.189	823.1	0.2535			
17	19.510	1186.8	0.2401	19.589	808.4	0.2408			
18	18.343	1185.0	0.2292	18.417	790.3	0.2297			
19	17.357	1167.7	0.2193	17.426	772.6	0.2200			
20	16.256	1131.3	0.2106	16.320	755.3	0.2112			
21	14.899	1067.7	0.2029	14.956	731.8	0.2034			
22	12.703	976.3	0.1965	12.752	705.7	0.1970			
23	10.052	870.4	0.1914	10.090	671.4	0.1919			
24	4.106	677.5	0.1881	4.121	604.4	0.1886			
25	2.585	632.4	0.1867	2.593	584.9	0.1871			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F9

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.210	635.4	0.7396	1.963	640.1	0.7396
2	0.000		0.7396	4.565	887.7	0.7396	7.392	909.2	0.7396
3	0.000		0.7300	6.364	978.3	0.7300	10.450	1029.9	0.7277
4	0.000	Data	0.6862	7.454	1076.1	0.6862	12.276	1149.5	0.6808
5	0.000	Not	0.6272	7.918	1120.9	0.6272	12.962	1188.4	0.6185
6	0.000	Required	0.5647	8.048	1133.8	0.5647	13.056	1182.0	0.5542
7	0.000		0.5074	8.067	1135.7	0.5074	12.971	1163.7	0.4970
8	0.000		0.4589	8.111	1140.1	0.4589	12.931	1149.2	0.4495
9	0.000		0.4179	8.366	1166.0	0.4179	13.232	1157.1	0.4098
10	0.000		0.3831	8.355	1164.9	0.3831	13.144	1143.9	0.3760
11	0.000		0.3535	8.246	1153.7	0.3535	12.948	1129.1	0.3473
12	0.000		0.3284	8.064	1135.4	0.3284	12.689	1116.1	0.3230
13	0.000		0.3070	7.828	1112.1	0.3070	12.404	1108.0	0.3021
14	0.000		0.2887	7.546	1084.9	0.2887	12.121	1107.8	0.2841
15	0.000		0.2730	7.216	1053.9	0.2730	11.829	1114.1	0.2683
16	0.000		0.2595	6.821	1018.1	0.2595	11.442	1115.5	0.2543
17	0.000		0.2480	6.316	974.2	0.2480	10.821	1096.3	0.2422
18	0.000		0.2384	5.533	910.2	0.2384	9.698	1042.0	0.2318
19	0.000		0.2305	5.039	872.1	0.2305	8.909	997.3	0.2232
20	0.000		0.2237	4.632	842.0	0.2237	8.205	954.4	0.2159
21	0.000		0.2179	4.275	816.5	0.2179	7.536	911.4	0.2095
22	0.000		0.2129	3.610	771.1	0.2129	6.362	845.7	0.2043
23	0.000		0.2089	2.853	722.5	0.2089	5.016	775.8	0.2001
24	0.000		0.2062	1.107	621.4	0.2062	1.989	643.0	0.1972
25	0.000		0.2053	0.708	600.0	0.2053	1.261	612.4	0.1962
Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.436	655.2	0.7396	3.453	615.2	0.7396			
2	12.710	967.6	0.7396	12.772	781.2	0.7396			
3	17.284	1034.6	0.7229	17.364	812.0	0.7231			
4	19.502	1071.7	0.6735	19.593	853.6	0.6738			
5	20.160	1069.0	0.6125	20.257	877.2	0.6129			
6	20.197	1063.6	0.5519	20.299	897.4	0.5524			
7	20.109	1063.3	0.4984	20.215	913.9	0.4991			
8	20.113	1067.5	0.4534	20.223	930.7	0.4541			
9	20.578	1083.3	0.4151	20.692	947.9	0.4158			
10	20.586	1092.7	0.3823	20.700	947.9	0.3829			
11	20.501	1103.7	0.3541	20.615	947.9	0.3547			
12	20.366	1116.1	0.3298	20.478	939.3	0.3304			
13	20.210	1129.2	0.3087	20.320	930.7	0.3092			
14	20.048	1141.6	0.2901	20.155	918.1	0.2907			
15	19.860	1152.3	0.2737	19.964	905.6	0.2742			
16	19.558	1161.2	0.2590	19.658	889.3	0.2595			
17	18.982	1165.9	0.2461	19.077	869.2	0.2465			
18	17.802	1159.9	0.2349	17.893	853.6	0.2353			
19	16.819	1139.8	0.2249	16.904	830.7	0.2254			
20	15.743	1102.2	0.2161	15.822	808.4	0.2166			
21	14.427	1039.9	0.2084	14.498	779.6	0.2088			
22	12.254	951.1	0.2020	12.315	745.1	0.2024			
23	9.642	850.0	0.1970	9.689	699.4	0.1975			
24	3.911	669.7	0.1937	3.930	615.6	0.1941			
25	2.450	627.5	0.1923	2.461	593.2	0.1927			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F10

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.264	639.0	0.7396	2.007	639.0	0.7396
2	0.000		0.7396	4.716	900.9	0.7396	7.497	902.2	0.7396
3	0.000		0.7289	6.522	991.9	0.7289	10.545	1020.2	0.7276
4	0.000	Data	0.6841	7.579	1088.0	0.6841	12.324	1136.3	0.6810
5	0.000	Not	0.6243	7.990	1128.0	0.6243	12.946	1172.8	0.6190
6	0.000	Required	0.5615	8.069	1135.9	0.5615	12.983	1165.5	0.5550
7	0.000		0.5046	8.042	1133.2	0.5046	12.853	1147.6	0.4981
8	0.000		0.4568	8.039	1132.9	0.4568	12.775	1134.8	0.4509
9	0.000		0.4167	8.235	1152.6	0.4167	13.033	1145.4	0.4115
10	0.000		0.3826	8.164	1145.4	0.3826	12.897	1134.3	0.3781
11	0.000		0.3537	8.007	1129.7	0.3537	12.657	1120.3	0.3497
12	0.000		0.3294	7.798	1109.2	0.3294	12.367	1106.8	0.3258
13	0.000		0.3087	7.552	1085.4	0.3087	12.049	1095.0	0.3053
14	0.000		0.2910	7.271	1059.0	0.2910	11.705	1084.7	0.2876
15	0.000		0.2756	6.951	1029.8	0.2756	11.313	1073.1	0.2722
16	0.000		0.2625	6.575	996.5	0.2625	10.829	1056.0	0.2588
17	0.000		0.2512	6.094	955.6	0.2512	10.161	1026.9	0.2472
18	0.000		0.2417	5.341	895.2	0.2417	9.062	975.5	0.2372
19	0.000		0.2339	4.860	858.7	0.2339	8.310	937.2	0.2290
20	0.000		0.2272	4.454	829.2	0.2272	7.641	901.5	0.2218
21	0.000		0.2214	4.093	803.8	0.2214	7.004	865.6	0.2157
22	0.000		0.2164	3.439	759.9	0.2164	5.892	809.4	0.2105
23	0.000		0.2125	2.705	713.4	0.2125	4.630	749.2	0.2065
24	0.000		0.2100	1.043	617.9	0.2100	1.825	633.6	0.2037
25	0.000		0.2090	0.666	597.8	0.2090	1.157	606.8	0.2027
Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.196	636.0	0.7396	3.218	632.1	0.7396			
2	11.863	880.0	0.7396	11.947	875.4	0.7396			
3	16.306	940.0	0.7282	16.417	935.0	0.7282			
4	18.544	979.3	0.6835	18.671	1006.1	0.6836			
5	19.232	985.1	0.6257	19.370	1058.4	0.6258			
6	19.276	985.7	0.5667	19.425	1113.6	0.5668			
7	19.184	989.1	0.5141	19.341	1155.7	0.5141			
8	19.180	995.6	0.4693	19.344	1193.8	0.4693			
9	19.617	1011.7	0.4310	19.786	1221.8	0.4309			
10	19.591	1021.7	0.3980	19.761	1227.5	0.3978			
11	19.473	1033.0	0.3698	19.641	1216.1	0.3696			
12	19.316	1045.4	0.3455	19.481	1199.3	0.3452			
13	19.135	1058.3	0.3243	19.298	1188.3	0.3241			
14	18.926	1071.2	0.3057	19.087	1177.3	0.3055			
15	18.658	1083.2	0.2893	18.818	1171.8	0.2891			
16	18.274	1093.0	0.2749	18.431	1155.7	0.2747			
17	17.649	1097.3	0.2622	17.801	1129.2	0.2619			
18	16.463	1088.7	0.2513	16.610	1103.4	0.2510			
19	15.510	1069.2	0.2415	15.649	1063.3	0.2411			
20	14.487	1035.8	0.2325	14.618	1024.8	0.2323			
21	13.266	983.0	0.2245	13.384	965.4	0.2242			
22	11.213	904.0	0.2179	11.314	893.3	0.2176			
23	8.770	814.3	0.2126	8.850	812.0	0.2124			
24	3.519	656.3	0.2095	3.552	656.3	0.2091			
25	2.191	618.8	0.2079	2.212	621.3	0.2076			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F11

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.304	641.6	0.7396	2.089	643.7	0.7396
2	0.000		0.7396	4.848	912.5	0.7396	7.781	925.3	0.7396
3	0.000		0.7270	6.691	1006.6	0.7270	10.912	1050.8	0.7250
4	0.000	Data	0.6800	7.762	1105.6	0.6800	12.705	1170.5	0.6751
5	0.000	Not	0.6179	8.171	1146.1	0.6179	13.310	1205.4	0.6102
6	0.000	Required	0.5537	8.244	1153.5	0.5537	13.332	1196.3	0.5446
7	0.000		0.4967	8.214	1150.5	0.4967	13.199	1177.9	0.4876
8	0.000		0.4492	8.204	1149.5	0.4492	13.116	1165.1	0.4409
9	0.000		0.4094	8.390	1168.5	0.4094	13.369	1176.9	0.4019
10	0.000		0.3757	8.297	1158.9	0.3757	13.217	1166.5	0.3688
11	0.000		0.3472	8.117	1140.7	0.3472	12.960	1153.1	0.3409
12	0.000		0.3233	7.884	1117.6	0.3233	12.651	1140.1	0.3173
13	0.000		0.3031	7.614	1091.4	0.3031	12.315	1128.9	0.2972
14	0.000		0.2857	7.310	1062.6	0.2857	11.953	1119.1	0.2799
15	0.000		0.2708	6.966	1031.1	0.2708	11.543	1108.1	0.2647
16	0.000		0.2580	6.566	995.7	0.2580	11.033	1090.1	0.2515
17	0.000		0.2470	6.061	952.9	0.2470	10.327	1057.8	0.2401
18	0.000		0.2379	5.297	891.8	0.2379	9.190	1000.7	0.2304
19	0.000		0.2304	4.811	855.1	0.2304	8.401	956.8	0.2224
20	0.000		0.2240	4.411	826.1	0.2240	7.708	916.2	0.2156
21	0.000		0.2184	4.058	801.4	0.2184	7.053	876.4	0.2098
22	0.000		0.2136	3.423	758.8	0.2136	5.938	816.8	0.2048
23	0.000		0.2098	2.703	713.3	0.2098	4.676	754.5	0.2008
24	0.000		0.2072	1.045	618.0	0.2072	1.848	635.6	0.1980
25	0.000		0.2062	0.668	597.9	0.2062	1.174	606.9	0.1971
Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.365	641.8	0.7396	3.388	635.5	0.7396			
2	12.428	905.0	0.7396	12.513	879.9	0.7396			
3	16.960	964.4	0.7250	17.069	926.5	0.7251			
4	19.187	1002.5	0.6769	19.308	978.8	0.677			
5	19.841	1006.9	0.6161	19.966	996.9	0.6163			
6	19.863	1006.9	0.5555	19.990	1006.1	0.5558			
7	19.768	1010.4	0.5025	19.896	1010.8	0.5028			
8	19.763	1017.4	0.4580	19.892	1015.4	0.4584			
9	20.204	1034.7	0.4200	20.336	1029.6	0.4203			
10	20.175	1046.2	0.3874	20.306	1024.8	0.3876			
11	20.055	1059.2	0.3595	20.185	1020.1	0.3597			
12	19.892	1073.2	0.3355	20.019	1006.1	0.3357			
13	19.704	1087.5	0.3147	19.829	996.9	0.3149			
14	19.487	1101.8	0.2964	19.609	983.3	0.2967			
15	19.205	1114.6	0.2803	19.323	965.4	0.2805			
16	18.797	1124.9	0.2660	18.910	943.6	0.2662			
17	18.133	1129.2	0.2535	18.241	922.3	0.2537			
18	16.909	1120.4	0.2428	17.011	897.4	0.2430			
19	15.904	1098.8	0.2332	15.999	869.2	0.2334			
20	14.832	1061.9	0.2245	14.920	842.0	0.2247			
21	13.554	1004.2	0.2168	13.632	804.7	0.2169			
22	11.462	920.4	0.2104	11.528	762.2	0.2105			
23	8.982	826.3	0.2053	9.033	712.2	0.2055			
24	3.618	660.7	0.2020	3.638	618.5	0.2022			
25	2.259	621.7	0.2005	2.271	596.0	0.2008			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F12

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.328	643.2	0.7396	2.130	645.6	0.7396
2	0.000		0.7396	4.910	918.0	0.7396	7.896	933.4	0.7396
3	0.000		0.7259	6.766	1013.2	0.7259	11.063	1062.7	0.7236
4	0.000	Data	0.6776	7.852	1114.4	0.6776	12.889	1187.2	0.6720
5	0.000	Not	0.6142	8.274	1156.6	0.6142	13.513	1223.6	0.6055
6	0.000	Required	0.5493	8.355	1164.9	0.5493	13.548	1215.2	0.5392
7	0.000		0.4921	8.332	1162.5	0.4921	13.426	1197.3	0.4821
8	0.000		0.4447	8.325	1161.8	0.4447	13.353	1185.6	0.4354
9	0.000		0.4051	8.514	1181.3	0.4051	13.617	1199.0	0.3965
10	0.000		0.3713	8.416	1171.1	0.3713	13.468	1189.8	0.3635
11	0.000		0.3431	8.224	1151.5	0.3431	13.209	1177.9	0.3357
12	0.000		0.3194	7.975	1126.5	0.3194	12.894	1166.3	0.3123
13	0.000		0.2993	7.689	1098.6	0.2993	12.548	1155.9	0.2922
14	0.000		0.2821	7.367	1068.0	0.2821	12.167	1145.7	0.2749
15	0.000		0.2674	7.004	1034.5	0.2674	11.728	1132.8	0.2600
16	0.000		0.2548	6.582	997.1	0.2548	11.177	1111.1	0.2469
17	0.000		0.2440	6.056	952.4	0.2440	10.423	1073.9	0.2356
18	0.000		0.2351	5.271	889.8	0.2351	9.233	1011.0	0.2261
19	0.000		0.2278	4.773	852.3	0.2278	8.404	962.6	0.2183
20	0.000		0.2216	4.367	823.0	0.2216	7.683	918.8	0.2117
21	0.000		0.2163	4.017	798.6	0.2163	7.017	877.0	0.2062
22	0.000		0.2117	3.390	756.7	0.2117	5.903	816.5	0.2014
23	0.000		0.2079	2.685	712.2	0.2079	4.656	754.3	0.1976
24	0.000		0.2053	1.043	617.9	0.2053	1.848	635.7	0.1948
25	0.000		0.2043	0.671	598.1	0.2043	1.182	608.6	0.1939
Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.450	644.8	0.7396	3.476	645.8	0.7396			
2	12.686	918.0	0.7396	12.782	931.0	0.7396			
3	17.269	978.1	0.7234	17.392	987.8	0.7234			
4	19.521	1016.1	0.6734	19.655	1039.1	0.6734			
5	20.184	1019.6	0.6109	20.322	1058.4	0.6111			
6	20.214	1019.2	0.5495	20.353	1063.3	0.5497			
7	20.131	1022.7	0.4963	20.270	1063.3	0.4964			
8	20.138	1030.1	0.4518	20.277	1063.3	0.4520			
9	20.598	1048.4	0.4139	20.739	1073.2	0.4140			
10	20.581	1060.9	0.3813	20.721	1068.3	0.3814			
11	20.465	1074.6	0.3535	20.604	1063.3	0.3537			
12	20.301	1089.3	0.3297	20.437	1048.7	0.3298			
13	20.109	1104.5	0.3090	20.242	1034.3	0.3091			
14	19.880	1119.7	0.2909	20.010	1020.1	0.2910			
15	19.578	1133.7	0.2749	19.703	996.9	0.2750			
16	19.137	1145.0	0.2608	19.257	974.3	0.2609			
17	18.429	1149.7	0.2484	18.544	952.3	0.2485			
18	17.150	1140.5	0.2379	17.258	922.3	0.2380			
19	16.092	1117.2	0.2284	16.194	897.4	0.2285			
20	14.973	1077.9	0.2199	15.068	869.2	0.2200			
21	13.660	1017.1	0.2124	13.744	826.9	0.2124			
22	11.540	929.7	0.2060	11.611	779.6	0.2062			
23	9.051	832.8	0.2010	9.106	725.2	0.2012			
24	3.663	663.3	0.1978	3.685	624.2	0.1979			
25	2.302	623.6	0.1964	2.316	601.6	0.1965			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F13

Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.304	641.6	0.7396	2.111	646.1	0.7396
2	0.000		0.7396	4.845	912.3	0.7396	7.851	936.5	0.7396
3	0.000		0.7262	6.694	1006.9	0.7262	11.017	1066.9	0.7234
4	0.000	Data	0.6782	7.809	1110.2	0.6782	12.888	1194.6	0.6713
5	0.000	Not	0.6147	8.286	1157.8	0.6147	13.593	1236.2	0.6043
6	0.000	Required	0.5492	8.426	1172.2	0.5492	13.710	1231.9	0.5373
7	0.000		0.4913	8.451	1174.8	0.4913	13.654	1217.0	0.4795
8	0.000		0.4432	8.482	1178.0	0.4432	13.625	1206.2	0.4324
9	0.000		0.4029	8.701	1200.9	0.4029	13.920	1220.0	0.3931
10	0.000		0.3687	8.622	1192.6	0.3687	13.793	1211.2	0.3597
11	0.000		0.3400	8.439	1173.5	0.3400	13.550	1200.4	0.3317
12	0.000		0.3160	8.194	1148.5	0.3160	13.244	1189.5	0.3080
13	0.000		0.2957	7.905	1119.6	0.2957	12.903	1180.2	0.2879
14	0.000		0.2784	7.574	1087.5	0.2784	12.524	1171.8	0.2704
15	0.000		0.2635	7.193	1051.8	0.2635	12.080	1160.8	0.2553
16	0.000		0.2508	6.747	1011.6	0.2508	11.515	1140.3	0.2422
17	0.000		0.2401	6.195	964.0	0.2401	10.731	1101.4	0.2309
18	0.000		0.2311	5.380	898.2	0.2311	9.492	1033.8	0.2213
19	0.000		0.2238	4.859	858.6	0.2238	8.615	980.6	0.2136
20	0.000		0.2177	4.435	827.8	0.2177	7.849	932.2	0.2070
21	0.000		0.2124	4.077	802.7	0.2124	7.150	886.5	0.2015
22	0.000		0.2079	3.443	760.1	0.2079	6.010	823.0	0.1969
23	0.000		0.2042	2.732	715.1	0.2042	4.744	758.8	0.1932
24	0.000		0.2016	1.063	619.0	0.2016	1.887	637.5	0.1904
25	0.000		0.2006	0.686	598.9	0.2006	1.209	609.7	0.1895

Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	3.551	653.0	0.7396	3.571	625.3	0.7396
2	13.032	954.5	0.7396	13.104	822.8	0.7396
3	17.651	1016.3	0.7211	17.743	857.5	0.7212
4	19.917	1052.9	0.6690	20.019	897.4	0.6693
5	20.625	1053.2	0.6050	20.732	918.1	0.6055
6	20.715	1050.6	0.5426	20.824	926.5	0.5431
7	20.684	1053.0	0.4886	20.796	939.3	0.4892
8	20.730	1060.1	0.4437	20.843	943.6	0.4444
9	21.224	1079.3	0.4056	21.339	952.3	0.4062
10	21.234	1092.6	0.3729	21.349	952.3	0.3735
11	21.137	1107.1	0.3451	21.251	947.9	0.3457
12	20.985	1122.6	0.3213	21.097	939.3	0.3218
13	20.801	1138.6	0.3006	20.911	930.7	0.3011
14	20.578	1154.7	0.2825	20.685	918.1	0.2829
15	20.279	1169.9	0.2665	20.383	905.6	0.2669
16	19.834	1182.7	0.2524	19.934	889.3	0.2529
17	19.113	1189.4	0.2401	19.208	869.2	0.2405
18	17.805	1182.0	0.2294	17.896	853.6	0.2298
19	16.705	1158.5	0.2200	16.791	834.4	0.2204
20	15.529	1116.4	0.2115	15.609	812.0	0.2119
21	14.150	1050.2	0.2041	14.222	783.1	0.2045
22	11.967	956.6	0.1979	12.028	745.1	0.1984
23	9.410	853.0	0.1931	9.456	696.2	0.1935
24	3.827	670.7	0.1899	3.846	615.6	0.1902
25	2.415	628.4	0.1885	2.425	590.5	0.1889

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F14

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.446	651.0	0.7396	2.194	639.5	0.7396
2	0.000		0.7396	5.353	958.4	0.7396	8.128	901.3	0.7396
3	0.000		0.7203	7.309	1062.5	0.7203	11.262	1009.7	0.7220
4	0.000	Data	0.6659	8.352	1164.6	0.6659	12.964	1114.0	0.6693
5	0.000	Not	0.5977	8.674	1198.1	0.5977	13.503	1150.7	0.6026
6	0.000	Required	0.5312	8.668	1197.4	0.5312	13.511	1153.1	0.5368
7	0.000		0.4750	8.580	1188.2	0.4750	13.379	1145.6	0.4803
8	0.000		0.4293	8.507	1180.6	0.4293	13.280	1141.1	0.4343
9	0.000		0.3912	8.637	1194.2	0.3912	13.509	1158.2	0.3958
10	0.000		0.3589	8.493	1179.1	0.3589	13.350	1155.6	0.3632
11	0.000		0.3320	8.277	1156.9	0.3320	13.111	1151.6	0.3358
12	0.000		0.3093	8.014	1130.4	0.3093	12.834	1149.2	0.3126
13	0.000		0.2901	7.719	1101.5	0.2901	12.524	1146.6	0.2928
14	0.000		0.2737	7.394	1070.5	0.2737	12.155	1139.1	0.2756
15	0.000		0.2597	7.030	1036.9	0.2597	11.698	1123.3	0.2607
16	0.000		0.2475	6.613	999.8	0.2475	11.121	1096.8	0.2478
17	0.000		0.2372	6.098	955.9	0.2372	10.359	1057.1	0.2367
18	0.000		0.2286	5.325	893.9	0.2286	9.184	995.7	0.2273
19	0.000		0.2216	4.822	855.9	0.2216	8.358	949.2	0.2195
20	0.000		0.2155	4.393	824.8	0.2155	7.622	907.1	0.2129
21	0.000		0.2103	4.013	798.3	0.2103	6.934	866.9	0.2072
22	0.000		0.2058	3.365	755.0	0.2058	5.810	808.5	0.2023
23	0.000		0.2022	2.645	709.7	0.2022	4.557	747.8	0.1985
24	0.000		0.1997	1.015	616.4	0.1997	1.786	632.6	0.1959
25	0.000		0.1988	0.649	596.9	0.1988	1.131	606.0	0.1949

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	3.326	632.2	0.7396	3.348	632.1	0.7396
2	12.239	857.7	0.7396	12.321	866.4	0.7396
3	16.617	906.7	0.7252	16.725	922.3	0.7253
4	18.767	943.6	0.6774	18.890	987.8	0.6775
5	19.450	955.8	0.6172	19.581	1024.8	0.6174
6	19.551	963.7	0.5576	19.686	1043.9	0.5578
7	19.531	973.4	0.5054	19.667	1048.7	0.5057
8	19.564	984.9	0.4616	19.703	1063.3	0.4618
9	20.019	1005.0	0.4238	20.162	1083.2	0.4240
10	20.010	1018.6	0.3914	20.155	1093.2	0.3914
11	19.922	1032.5	0.3635	20.068	1098.3	0.3637
12	19.799	1046.9	0.3395	19.945	1098.3	0.3396
13	19.644	1061.6	0.3187	19.791	1103.4	0.3188
14	19.434	1076.8	0.3005	19.581	1103.4	0.3005
15	19.130	1091.8	0.2845	19.275	1093.2	0.2845
16	18.682	1104.5	0.2704	18.823	1073.2	0.2704
17	17.987	1111.2	0.2581	18.123	1048.7	0.2581
18	16.741	1104.1	0.2477	16.871	1020.1	0.2477
19	15.712	1084.1	0.2382	15.835	987.8	0.2382
20	14.608	1048.9	0.2294	14.723	952.3	0.2294
21	13.315	993.5	0.2215	13.418	901.5	0.2214
22	11.232	912.1	0.2150	11.320	842.0	0.2150
23	8.780	820.3	0.2097	8.849	772.6	0.2097
24	3.512	658.1	0.2066	3.541	644.5	0.2066
25	2.179	619.6	0.2050	2.198	615.6	0.2049

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F15

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.418	649.1	0.7396	2.193	642.5	0.7396
2	0.000		0.7396	5.225	946.6	0.7396	8.097	916.0	0.7396
3	0.000		0.7214	7.157	1048.5	0.7214	11.266	1033.4	0.7213
4	0.000	Data	0.6677	8.248	1153.9	0.6677	13.059	1147.6	0.6677
5	0.000	Not	0.5996	8.645	1195.0	0.5996	13.684	1187.5	0.5998
6	0.000	Required	0.5325	8.708	1201.6	0.5325	13.753	1188.6	0.5328
7	0.000		0.4755	8.678	1198.5	0.4755	13.672	1179.5	0.4757
8	0.000		0.4290	8.662	1196.8	0.4290	13.624	1173.9	0.4291
9	0.000		0.3901	8.845	1216.2	0.3901	13.905	1191.3	0.3904
10	0.000		0.3571	8.736	1204.6	0.3571	13.780	1188.4	0.3574
11	0.000		0.3296	8.535	1183.5	0.3296	13.562	1185.4	0.3298
12	0.000		0.3064	8.277	1156.9	0.3064	13.300	1184.7	0.3064
13	0.000		0.2870	7.979	1126.9	0.2870	12.997	1183.8	0.2865
14	0.000		0.2703	7.640	1093.9	0.2703	12.619	1176.9	0.2692
15	0.000		0.2560	7.251	1057.2	0.2560	12.127	1158.9	0.2542
16	0.000		0.2438	6.795	1015.8	0.2438	11.487	1127.4	0.2413
17	0.000		0.2335	6.232	967.1	0.2335	10.639	1080.3	0.2302
18	0.000		0.2248	5.411	900.6	0.2248	9.373	1011.0	0.2209
19	0.000		0.2178	4.877	860.0	0.2178	8.479	958.5	0.2133
20	0.000		0.2118	4.439	828.1	0.2118	7.709	912.6	0.2069
21	0.000		0.2067	4.067	802.0	0.2067	7.012	870.0	0.2014
22	0.000		0.2023	3.430	759.3	0.2023	5.893	810.6	0.1967
23	0.000		0.1988	2.719	714.3	0.1988	4.650	749.9	0.1931
24	0.000		0.1962	1.054	618.5	0.1962	1.841	634.1	0.1905
25	0.000		0.1953	0.679	598.5	0.1953	1.175	607.2	0.1895
Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.485	642.9	0.7396	3.506	628.7	0.7396			
2	12.750	905.6	0.7396	12.826	840.0	0.7396			
3	17.265	960.2	0.7226	17.363	881.2	0.7227			
4	19.496	998.5	0.6719	19.605	926.5	0.6721			
5	20.210	1006.5	0.6089	20.326	956.6	0.6093			
6	20.320	1010.2	0.5472	20.438	965.4	0.5477			
7	20.309	1016.5	0.4938	20.430	978.8	0.4943			
8	20.365	1026.1	0.4493	20.487	983.3	0.4498			
9	20.858	1045.7	0.4112	20.983	996.9	0.4117			
10	20.876	1059.3	0.3786	21.002	1001.5	0.3791			
11	20.805	1073.4	0.3508	20.929	992.4	0.3512			
12	20.689	1087.5	0.3269	20.811	983.3	0.3273			
13	20.537	1102.4	0.3061	20.657	974.3	0.3066			
14	20.319	1118.4	0.2881	20.436	961.0	0.2884			
15	19.989	1134.9	0.2722	20.102	943.6	0.2725			
16	19.492	1149.6	0.2583	19.601	926.5	0.2586			
17	18.723	1157.9	0.2462	18.828	909.7	0.2465			
18	17.396	1151.5	0.2358	17.495	885.2	0.2361			
19	16.286	1129.3	0.2264	16.380	865.3	0.2268			
20	15.119	1089.6	0.2179	15.206	838.2	0.2183			
21	13.766	1027.2	0.2103	13.845	808.4	0.2106			
22	11.635	938.5	0.2040	11.702	765.6	0.2043			
23	9.136	839.6	0.1990	9.188	715.4	0.1993			
24	3.694	665.6	0.1958	3.715	621.3	0.1961			
25	2.317	624.8	0.1944	2.329	596.0	0.1946			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F16

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.477	653.0	0.7396	2.202	637.0	0.7396
2	0.000		0.7396	5.475	969.8	0.7396	8.197	893.5	0.7396
3	0.000		0.7180	7.540	1084.3	0.7180	11.481	1007.9	0.7198
4	0.000	Data	0.6603	8.648	1195.3	0.6603	13.275	1118.5	0.6646
5	0.000	Not	0.5889	8.958	1228.4	0.5889	13.801	1153.1	0.5960
6	0.000	Required	0.5212	8.911	1223.3	0.5212	13.755	1153.3	0.5298
7	0.000		0.4652	8.789	1210.2	0.4652	13.576	1143.5	0.4739
8	0.000		0.4202	8.699	1200.7	0.4202	13.453	1137.9	0.4284
9	0.000		0.3826	8.829	1214.5	0.3826	13.683	1155.0	0.3904
10	0.000		0.3509	8.673	1197.9	0.3509	13.519	1153.7	0.3582
11	0.000		0.3244	8.438	1173.4	0.3244	13.286	1154.0	0.3312
12	0.000		0.3022	8.156	1144.6	0.3022	13.050	1162.0	0.3085
13	0.000		0.2834	7.843	1113.5	0.2834	12.795	1172.1	0.2889
14	0.000		0.2674	7.498	1080.3	0.2674	12.453	1172.7	0.2718
15	0.000		0.2537	7.113	1044.5	0.2537	11.970	1155.6	0.2568
16	0.000		0.2419	6.669	1004.7	0.2419	11.332	1122.5	0.2439
17	0.000		0.2318	6.118	957.6	0.2318	10.486	1074.1	0.2327
18	0.000		0.2234	5.311	892.8	0.2234	9.227	1004.2	0.2235
19	0.000		0.2166	4.778	852.7	0.2166	8.336	952.3	0.2158
20	0.000		0.2108	4.341	821.1	0.2108	7.571	907.2	0.2093
21	0.000		0.2058	3.962	794.8	0.2058	6.872	865.5	0.2039
22	0.000		0.2016	3.323	752.3	0.2016	5.752	806.6	0.1991
23	0.000		0.1982	2.620	708.2	0.1982	4.516	746.1	0.1955
24	0.000		0.1957	1.017	616.5	0.1957	1.786	632.4	0.1930
25	0.000		0.1947	0.656	597.3	0.1947	1.140	606.2	0.1920

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	3.406	637.0	0.7396	3.432	645.8	0.7396
2	12.619	884.9	0.7396	12.716	935.7	0.7396
3	17.262	941.7	0.7225	17.388	1001.5	0.7226
4	19.526	982.0	0.6715	19.665	1063.3	0.6716
5	20.165	992.0	0.6088	20.308	1083.2	0.6089
6	20.171	996.6	0.5480	20.314	1083.2	0.5482
7	20.064	1003.1	0.4958	20.206	1078.2	0.4959
8	20.037	1011.7	0.4521	20.180	1083.2	0.4522
9	20.468	1030.1	0.4146	20.614	1098.3	0.4147
10	20.429	1041.7	0.3825	20.576	1103.4	0.3826
11	20.320	1053.4	0.3552	20.466	1098.3	0.3552
12	20.204	1064.8	0.3315	20.348	1088.2	0.3315
13	20.071	1076.5	0.3109	20.213	1078.2	0.3110
14	19.867	1090.0	0.2929	20.006	1063.3	0.2930
15	19.531	1104.5	0.2772	19.667	1048.7	0.2772
16	19.025	1117.7	0.2633	19.155	1020.1	0.2633
17	18.246	1124.5	0.2513	18.369	987.8	0.2513
18	16.912	1116.9	0.2412	17.027	952.3	0.2412
19	15.798	1094.7	0.2318	15.906	922.3	0.2318
20	14.642	1056.9	0.2234	14.741	885.2	0.2234
21	13.311	998.7	0.2157	13.399	842.0	0.2157
22	11.202	914.4	0.2094	11.276	790.3	0.2094
23	8.750	821.1	0.2043	8.808	735.1	0.2043
24	3.523	658.8	0.2013	3.548	632.8	0.2013
25	2.205	620.6	0.1997	2.220	604.4	0.1997

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F17

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.333	643.5	0.7396	2.030	633.9	0.7396
2	0.000		0.7396	4.895	916.7	0.7396	7.470	871.9	0.7396
3	0.000		0.7250	6.692	1006.7	0.7250	10.399	973.5	0.7262
4	0.000	Data	0.6762	7.756	1105.1	0.6762	12.174	1082.1	0.6786
5	0.000	Not	0.6128	8.225	1151.6	0.6128	12.938	1130.9	0.6163
6	0.000	Required	0.5478	8.396	1169.1	0.5478	13.177	1142.5	0.5519
7	0.000		0.4904	8.462	1175.9	0.4904	13.233	1140.8	0.4943
8	0.000		0.4425	8.519	1181.8	0.4425	13.285	1139.9	0.4463
9	0.000		0.4023	8.752	1206.3	0.4023	13.630	1159.2	0.4059
10	0.000		0.3679	8.687	1199.4	0.3679	13.556	1157.6	0.3715
11	0.000		0.3391	8.530	1183.0	0.3391	13.379	1154.2	0.3426
12	0.000		0.3149	8.328	1162.1	0.3149	13.161	1151.4	0.3180
13	0.000		0.2943	8.085	1137.5	0.2943	12.897	1147.8	0.2971
14	0.000		0.2766	7.787	1108.1	0.2766	12.550	1139.4	0.2790
15	0.000		0.2615	7.411	1072.1	0.2615	12.073	1122.3	0.2634
16	0.000		0.2486	6.957	1030.3	0.2486	11.445	1093.5	0.2499
17	0.000		0.2377	6.394	980.9	0.2377	10.613	1050.5	0.2384
18	0.000		0.2287	5.568	912.9	0.2287	9.365	986.6	0.2287
19	0.000		0.2213	5.034	871.7	0.2213	8.488	937.7	0.2208
20	0.000		0.2151	4.593	839.2	0.2151	7.729	894.8	0.2141
21	0.000		0.2097	4.214	812.2	0.2097	7.041	855.0	0.2084
22	0.000		0.2050	3.561	787.9	0.2050	5.930	799.5	0.2034
23	0.000		0.2012	2.828	721.0	0.2012	4.690	742.4	0.1996
24	0.000		0.1986	1.100	621.0	0.1986	1.863	631.8	0.1969
25	0.000		0.1975	0.708	600.0	0.1975	1.189	605.9	0.1958

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	3.287	640.6	0.7396	3.308	628.7	0.7396
2	11.981	892.8	0.7396	12.060	853.1	0.7396
3	16.280	950.1	0.7269	16.385	909.7	0.727
4	18.516	990.1	0.6814	18.635	969.9	0.6815
5	19.367	997.8	0.6229	19.494	1006.1	0.6231
6	19.637	1000.6	0.5629	19.770	1034.3	0.5632
7	19.757	1006.3	0.5089	19.894	1053.6	0.5092
8	19.915	1015.9	0.4630	20.055	1068.2	0.4632
9	20.479	1036.0	0.4236	20.624	1093.2	0.4238
10	20.557	1050.3	0.3898	20.702	1093.2	0.3900
11	20.540	1065.5	0.3609	20.684	1088.2	0.3611
12	20.479	1080.6	0.3360	20.623	1088.2	0.3362
13	20.379	1096.7	0.3144	20.520	1073.2	0.3146
14	20.204	1113.8	0.2956	20.343	1063.3	0.2957
15	19.906	1131.9	0.2791	20.042	1048.7	0.2792
16	19.440	1148.6	0.2645	19.572	1029.6	0.2647
17	18.711	1159.3	0.2518	18.838	1006.1	0.2519
18	17.431	1156.0	0.2409	17.553	983.3	0.2410
19	16.375	1137.5	0.2310	16.490	952.3	0.2311
20	15.253	1100.8	0.2221	15.360	918.1	0.2221
21	13.937	1040.4	0.2141	14.033	873.2	0.2142
22	11.833	952.0	0.2076	11.915	819.4	0.2076
23	9.338	851.7	0.2023	9.402	755.3	0.2024
24	3.798	670.4	0.1990	3.825	638.6	0.1991
25	2.387	628.0	0.1975	2.404	610.0	0.1976

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F18

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.479	653.2	0.7396	2.019	616.7	0.7396
2	0.000		0.7396	5.491	971.3	0.7396	7.517	795.5	0.7396
3	0.000		0.7167	7.543	1084.6	0.7167	10.488	870.0	0.7197
4	0.000	Data	0.6575	8.628	1193.2	0.6575	12.117	942.6	0.6657
5	0.000	Not	0.5851	8.925	1224.8	0.5851	12.630	973.2	0.6006
6	0.000	Required	0.5171	8.877	1219.7	0.5171	12.645	982.3	0.5396
7	0.000		0.4619	8.759	1207.1	0.4619	12.542	984.5	0.4888
8	0.000		0.4179	8.671	1197.7	0.4179	12.473	987.3	0.4468
9	0.000		0.3812	8.800	1211.4	0.3812	12.725	1005.5	0.4106
10	0.000		0.3500	8.649	1195.4	0.3500	12.587	1007.4	0.3790
11	0.000		0.3239	8.418	1171.3	0.3239	12.388	1012.2	0.3525
12	0.000		0.3018	8.141	1143.1	0.3018	12.364	1051.1	0.3319
13	0.000		0.2830	7.831	1112.4	0.2830	13.002	1211.2	0.3185
14	0.000		0.2671	7.488	1079.4	0.2671	12.875	1251.1	0.2990
15	0.000		0.2533	7.102	1043.5	0.2533	12.362	1227.5	0.2803
16	0.000		0.2416	6.657	1003.6	0.2416	11.663	1181.6	0.2641
17	0.000		0.2316	6.108	956.8	0.2316	10.758	1120.3	0.2505
18	0.000		0.2233	5.306	892.5	0.2233	9.444	1037.9	0.2396
19	0.000		0.2166	4.774	852.4	0.2166	8.512	978.0	0.2306
20	0.000		0.2109	4.333	820.6	0.2109	7.713	927.5	0.2230
21	0.000		0.2058	3.948	793.8	0.2058	6.987	882.1	0.2165
22	0.000		0.2016	3.310	751.5	0.2016	5.840	818.6	0.2111
23	0.000		0.1981	2.606	707.4	0.1981	4.572	753.7	0.2067
24	0.000		0.1955	1.008	616.0	0.1955	1.798	634.3	0.2041
25	0.000		0.1956	0.653	597.1	0.1956	1.143	606.7	0.2032
Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.221	636.9	0.7396	3.243	632.1	0.7396			
2	11.930	884.1	0.7396	12.010	857.5	0.7396			
3	16.324	946.3	0.7227	16.429	909.8	0.7227			
4	18.466	990.7	0.6725	18.586	974.3	0.6727			
5	19.101	1001.5	0.6122	19.228	1006.2	0.6125			
6	19.162	1005.7	0.5550	19.293	1024.8	0.5553			
7	19.119	1011.1	0.5060	19.252	1034.3	0.5063			
8	19.138	1019.1	0.4645	19.273	1043.9	0.4647			
9	19.587	1037.2	0.4280	19.726	1063.3	0.4282			
10	19.569	1048.5	0.3961	19.710	1073.2	0.3963			
11	19.487	1059.5	0.3688	19.628	1073.2	0.3689			
12	19.551	1068.0	0.3462	19.691	1068.2	0.3463			
13	20.200	1069.0	0.3288	20.339	1063.3	0.3289			
14	20.186	1079.9	0.3090	20.323	1053.6	0.3091			
15	19.830	1095.3	0.2907	19.965	1043.9	0.2908			
16	19.281	1110.2	0.2747	19.412	1024.8	0.2747			
17	18.466	1119.2	0.2609	18.592	1001.5	0.2610			
18	17.102	1114.2	0.2494	17.222	974.3	0.2495			
19	15.968	1094.1	0.2392	16.081	943.6	0.2392			
20	14.789	1057.4	0.2301	14.894	909.7	0.2301			
21	13.437	999.7	0.2219	13.531	865.3	0.2220			
22	11.309	915.9	0.2152	11.388	808.4	0.2153			
23	8.826	822.5	0.2099	8.888	748.5	0.2099			
24	3.541	659.1	0.2067	3.567	635.7	0.2067			
25	2.208	620.6	0.2053	2.224	607.2	0.2053			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G1

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.136	630.5	0.7396	1.866	637.4	0.7396
2	0.000		0.7396	3.969	836.9	0.7396	6.589	877.8	0.7396
3	0.000		0.7355	5.562	911.8	0.7355	9.447	998.6	0.7317
4	0.000	Data	0.6995	6.654	1002.4	0.6995	11.393	1134.0	0.6898
5	0.000	Not	0.6487	7.270	1057.8	0.6487	12.361	1195.3	0.6322
6	0.000	Required	0.5908	7.589	1087.8	0.5908	12.744	1206.8	0.5701
7	0.000		0.5339	7.759	1104.1	0.5339	12.878	1200.3	0.5124
8	0.000		0.4836	7.904	1118.3	0.4836	12.986	1193.7	0.4631
9	0.000		0.4400	8.322	1160.1	0.4400	13.523	1215.2	0.4213
10	0.000		0.4025	8.304	1158.3	0.4025	13.450	1205.2	0.3852
11	0.000		0.3708	8.161	1143.8	0.3708	13.236	1192.5	0.3548
12	0.000		0.3439	7.946	1122.4	0.3439	12.950	1179.9	0.3289
13	0.000		0.3213	7.684	1096.9	0.3213	12.633	1170.2	0.3069
14	0.000		0.3020	7.378	1067.9	0.3020	12.303	1166.0	0.2879
15	0.000		0.2855	7.022	1035.1	0.2855	11.946	1165.8	0.2712
16	0.000		0.2714	6.605	998.2	0.2714	11.482	1157.7	0.2567
17	0.000		0.2595	6.102	955.4	0.2595	10.804	1127.8	0.2441
18	0.000		0.2495	5.392	898.5	0.2495	9.693	1062.3	0.2336
19	0.000		0.2413	4.898	861.0	0.2413	8.838	1006.8	0.2250
20	0.000		0.2344	4.459	829.0	0.2344	8.027	952.9	0.2178
21	0.000		0.2286	3.983	795.8	0.2286	7.135	896.2	0.2119
22	0.000		0.2237	3.336	752.8	0.2237	5.944	827.5	0.2069
23	0.000		0.2198	2.635	708.9	0.2198	4.667	760.7	0.2031
24	0.000		0.2170	1.083	620.0	0.2170	1.945	641.0	0.2002
25	0.000		0.2159	0.710	600.1	0.2159	1.267	612.7	0.1993
Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.392	658.7	0.7396	3.405	601.9	0.7396			
2	12.043	979.9	0.7396	12.091	725.7	0.7396			
3	16.529	1056.8	0.7240	16.592	751.5	0.7241			
4	18.865	1094.5	0.6765	18.938	786.3	0.6767			
5	19.756	1087.0	0.6180	19.836	811.6	0.6184			
6	20.040	1077.3	0.5586	20.126	833.9	0.5592			
7	20.152	1075.2	0.5048	20.243	853.0	0.5055			
8	20.308	1079.9	0.4586	20.403	868.6	0.4595			
9	21.078	1102.7	0.4191	21.178	888.6	0.4200			
10	21.133	1115.5	0.3848	21.236	900.8	0.3856			
11	21.067	1130.4	0.3553	21.171	904.9	0.3561			
12	20.939	1146.6	0.3300	21.043	904.9	0.3308			
13	20.785	1163.6	0.3080	20.889	904.9	0.3087			
14	20.611	1180.1	0.2887	20.715	904.9	0.2894			
15	20.395	1195.2	0.2716	20.498	900.8	0.2723			
16	20.052	1208.3	0.2565	20.152	888.6	0.2571			
17	19.449	1216.5	0.2432	19.548	884.6	0.2437			
18	18.293	1211.5	0.2314	18.398	909.0	0.2320			
19	17.248	1191.0	0.2212	17.387	1062.2	0.2221			
20	16.048	1149.9	0.2123	16.191	1082.0	0.2132			
21	14.430	1077.2	0.2047	14.560	1019.1	0.2055			
22	12.167	978.7	0.1984	12.279	938.5	0.1991			
23	9.538	868.0	0.1935	9.624	833.9	0.1942			
24	4.016	678.3	0.1901	4.052	665.2	0.1908			
25	2.585	634.6	0.1889	2.606	621.2	0.1895			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G2

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.230	636.6	0.7396	2.006	642.5	0.7396
2	0.000		0.7396	4.283	863.0	0.7396	7.108	908.2	0.7396
3	0.000		0.7329	6.028	949.3	0.7329	10.263	1051.9	0.7287
4	0.000	Data	0.6926	7.156	1047.3	0.6926	12.244	1194.8	0.6822
5	0.000	Not	0.6371	7.657	1094.3	0.6371	12.967	1235.1	0.6203
6	0.000	Required	0.5768	7.800	1108.1	0.5768	13.027	1219.9	0.5566
7	0.000		0.5203	7.817	1109.8	0.5203	12.898	1193.5	0.5000
8	0.000		0.4717	7.863	1114.3	0.4717	12.837	1174.6	0.4529
9	0.000		0.4299	8.236	1151.4	0.4299	13.287	1188.2	0.4131
10	0.000		0.3941	8.200	1147.7	0.3941	13.159	1172.0	0.3789
11	0.000		0.3639	8.056	1133.3	0.3639	12.909	1153.5	0.3502
12	0.000		0.3384	7.847	1112.7	0.3384	12.600	1136.4	0.3257
13	0.000		0.3166	7.592	1088.1	0.3166	12.286	1123.1	0.3048
14	0.000		0.2981	7.297	1060.3	0.2981	11.914	1113.5	0.2867
15	0.000		0.2822	6.957	1029.3	0.2822	11.523	1105.1	0.2709
16	0.000		0.2685	6.557	994.0	0.2685	11.032	1090.2	0.2572
17	0.000		0.2569	6.061	952.0	0.2569	10.350	1060.4	0.2453
18	0.000		0.2472	5.358	895.8	0.2472	9.288	1005.3	0.2351
19	0.000		0.2391	4.870	858.9	0.2391	8.498	961.3	0.2268
20	0.000		0.2323	4.445	828.0	0.2323	7.775	920.0	0.2197
21	0.000		0.2264	3.976	795.3	0.2264	6.955	873.7	0.2137
22	0.000		0.2216	3.332	752.5	0.2216	5.817	812.7	0.2087
23	0.000		0.2177	2.628	708.4	0.2177	4.569	750.6	0.2048
24	0.000		0.2151	1.083	620.0	0.2151	1.909	637.6	0.2021
25	0.000		0.2141	0.712	600.2	0.2141	1.246	610.6	0.2012
Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.410	650.4	0.7396	3.433	635.4	0.7396			
2	12.248	949.8	0.7396	12.336	892.9	0.7396			
3	17.013	1025.9	0.7246	17.128	951.5	0.7246			
4	19.415	1065.3	0.6760	19.543	1009.8	0.6761			
5	20.099	1061.6	0.6155	20.233	1038.1	0.6156			
6	20.082	1054.3	0.5553	20.218	1047.7	0.5555			
7	19.932	1052.3	0.5024	20.069	1052.5	0.5026			
8	19.896	1054.7	0.4577	20.035	1062.2	0.4579			
9	20.540	1073.2	0.4193	20.683	1082.0	0.4195			
10	20.496	1081.3	0.3862	20.641	1092.0	0.3863			
11	20.350	1091.5	0.3578	20.494	1087.0	0.3580			
12	20.158	1103.0	0.3334	20.301	1082.0	0.3336			
13	19.947	1115.3	0.3123	20.088	1072.1	0.3124			
14	19.717	1127.6	0.2937	19.856	1062.2	0.2938			
15	19.437	1138.9	0.2773	19.571	1038.1	0.2774			
16	19.033	1147.9	0.2628	19.161	1009.8	0.2628			
17	18.383	1151.2	0.2500	18.503	973.5	0.2500			
18	17.219	1140.7	0.2389	17.331	938.5	0.2389			
19	16.203	1117.7	0.2290	16.307	904.9	0.2291			
20	15.084	1078.6	0.2204	15.179	868.6	0.2204			
21	13.569	1013.5	0.2129	13.653	826.4	0.2129			
22	11.398	924.4	0.2067	11.470	782.7	0.2067			
23	8.879	826.1	0.2019	8.935	728.2	0.2020			
24	3.719	662.9	0.1986	3.742	626.9	0.1987			
25	2.386	624.6	0.1974	2.400	601.5	0.1975			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G3

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.219	635.9	0.7396	1.954	638.0	0.7396
2	0.000		0.7396	4.242	859.5	0.7396	6.876	879.9	0.7396
3	0.000		0.7325	5.902	939.0	0.7325	9.792	999.4	0.7302
4	0.000	Data	0.6929	6.992	1032.4	0.6929	11.700	1128.8	0.6867
5	0.000	Not	0.6384	7.561	1085.1	0.6384	12.589	1184.1	0.6274
6	0.000	Required	0.5780	7.824	1110.5	0.5780	12.899	1192.5	0.5642
7	0.000		0.5204	7.953	1123.1	0.5204	12.987	1185.2	0.5062
8	0.000		0.4706	8.074	1135.1	0.4706	13.071	1178.6	0.4571
9	0.000		0.4277	8.482	1176.5	0.4277	13.594	1199.1	0.4156
10	0.000		0.3909	8.459	1174.2	0.3909	13.517	1189.4	0.3800
11	0.000		0.3599	8.315	1159.4	0.3599	13.302	1176.9	0.3500
12	0.000		0.3339	8.106	1138.3	0.3339	13.021	1164.3	0.3247
13	0.000		0.3119	7.869	1114.9	0.3119	12.721	1153.3	0.3031
14	0.000		0.2931	7.627	1091.4	0.2931	12.424	1143.9	0.2846
15	0.000		0.2768	7.357	1065.9	0.2768	12.090	1133.0	0.2684
16	0.000		0.2627	7.010	1034.1	0.2627	11.637	1115.2	0.2543
17	0.000		0.2505	6.535	992.1	0.2505	10.966	1083.1	0.2420
18	0.000		0.2404	5.808	931.4	0.2404	9.876	1026.1	0.2316
19	0.000		0.2320	5.280	889.8	0.2320	9.041	980.4	0.2229
20	0.000		0.2249	4.785	852.6	0.2249	8.241	937.2	0.2155
21	0.000		0.2189	4.240	813.6	0.2189	7.361	892.1	0.2092
22	0.000		0.2139	3.528	765.3	0.2139	6.180	832.8	0.2039
23	0.000		0.2100	2.776	717.5	0.2100	4.891	770.0	0.1998
24	0.000		0.2074	1.138	623.0	0.2074	2.052	645.9	0.1968
25	0.000		0.2063	0.748	602.1	0.2063	1.340	615.9	0.1958
Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.387	652.3	0.7396	3.400	601.9	0.7396			
2	11.998	948.1	0.7396	12.046	725.7	0.7396			
3	16.449	1017.4	0.7262	16.512	751.5	0.7262			
4	18.761	1054.9	0.6801	18.834	786.3	0.6803			
5	19.626	1052.6	0.6217	19.705	807.9	0.6221			
6	19.878	1047.1	0.5616	19.962	826.4	0.5622			
7	19.970	1047.5	0.5072	20.058	841.5	0.5079			
8	20.117	1053.4	0.4608	20.208	853.0	0.4616			
9	20.875	1075.9	0.4210	20.972	876.6	0.4218			
10	20.931	1088.8	0.3867	21.029	880.6	0.3874			
11	20.867	1103.7	0.3573	20.969	896.7	0.3581			
12	20.744	1119.5	0.3322	20.858	947.1	0.3330			
13	20.603	1135.6	0.3104	20.761	1159.7	0.3114			
14	20.457	1151.2	0.2913	20.626	1220.2	0.2922			
15	20.261	1165.6	0.2744	20.427	1203.4	0.2752			
16	19.934	1178.9	0.2595	20.092	1159.7	0.2601			
17	19.353	1188.5	0.2462	19.502	1112.4	0.2467			
18	18.249	1187.0	0.2346	18.388	1062.2	0.2351			
19	17.273	1172.0	0.2243	17.403	1019.1	0.2247			
20	16.155	1138.9	0.2152	16.274	969.0	0.2156			
21	14.621	1073.9	0.2072	14.726	909.0	0.2076			
22	12.433	981.3	0.2005	12.522	845.3	0.2009			
23	9.821	872.6	0.1953	9.890	772.2	0.1957			
24	4.154	680.2	0.1919	4.182	641.4	0.1922			
25	2.676	635.6	0.1906	2.694	612.7	0.1908			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G4

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.049	624.9	0.7396	1.748	634.0	0.7396
2	0.000		0.7396	3.621	808.8	0.7396	6.077	854.2	0.7396
3	0.000		0.7385	5.017	869.8	0.7385	8.597	954.5	0.7344
4	0.000	Data	0.7082	5.970	944.6	0.7082	10.339	1073.1	0.6977
5	0.000	Not	0.6650	6.538	992.4	0.6650	11.289	1136.1	0.6474
6	0.000	Required	0.6144	6.885	1022.8	0.6144	11.765	1158.2	0.5915
7	0.000		0.5621	7.125	1044.5	0.5621	12.036	1163.6	0.5370
8	0.000		0.5129	7.342	1064.5	0.5129	12.284	1169.0	0.4880
9	0.000		0.4684	7.810	1109.1	0.4684	12.945	1203.2	0.4449
10	0.000		0.4292	7.850	1113.0	0.4292	12.986	1203.4	0.4071
11	0.000		0.3958	7.757	1103.9	0.3958	12.869	1199.1	0.3748
12	0.000		0.3674	7.587	1087.6	0.3674	12.666	1193.2	0.3474
13	0.000		0.3432	7.384	1068.4	0.3432	12.412	1184.1	0.3238
14	0.000		0.3225	7.173	1048.9	0.3225	12.114	1168.8	0.3036
15	0.000		0.3046	6.932	1027.0	0.3046	11.729	1143.9	0.2863
16	0.000		0.2891	6.612	998.8	0.2891	11.199	1108.6	0.2713
17	0.000		0.2758	6.161	960.3	0.2758	10.459	1061.8	0.2583
18	0.000		0.2647	5.461	903.8	0.2647	9.331	996.4	0.2473
19	0.000		0.2555	4.956	865.3	0.2555	8.490	948.1	0.2383
20	0.000		0.2477	4.489	831.2	0.2477	7.716	906.1	0.2306
21	0.000		0.2410	3.987	796.1	0.2410	6.896	864.8	0.2240
22	0.000		0.2354	3.328	752.3	0.2354	5.803	811.5	0.2183
23	0.000		0.2309	2.627	708.4	0.2309	4.610	755.3	0.2138
24	0.000		0.2279	1.075	619.6	0.2279	1.934	640.7	0.2105
25	0.000		0.2266	0.701	599.6	0.2266	1.260	612.9	0.2093
Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.177	652.1	0.7396	3.199	632.0	0.7396			
2	11.147	943.3	0.7396	11.229	865.8	0.7396			
3	15.310	1022.5	0.7288	15.418	921.5	0.7288			
4	17.511	1065.4	0.6868	17.632	977.9	0.6869			
5	18.373	1057.0	0.6339	18.500	1005.2	0.634			
6	18.687	1041.8	0.5789	18.817	1019.1	0.579			
7	18.866	1033.2	0.5273	18.997	1023.8	0.5274			
8	19.106	1032.5	0.4814	19.239	1033.3	0.4815			
9	19.958	1050.3	0.4411	20.095	1052.5	0.4412			
10	20.107	1060.5	0.4055	20.246	1062.2	0.4056			
11	20.135	1074.4	0.3748	20.277	1077.0	0.3749			
12	20.101	1090.9	0.3483	20.247	1097.1	0.3483			
13	20.033	1109.3	0.3251	20.183	1117.5	0.3252			
14	19.929	1128.8	0.3050	20.080	1122.7	0.3050			
15	19.739	1148.8	0.2872	19.889	1117.5	0.2872			
16	19.392	1167.9	0.2714	19.536	1087.0	0.2714			
17	18.783	1181.8	0.2574	18.921	1057.3	0.2574			
18	17.653	1181.6	0.2450	17.783	1019.1	0.2450			
19	16.682	1167.8	0.2341	16.803	977.9	0.2341			
20	15.597	1135.5	0.2245	15.710	942.8	0.2245			
21	14.141	1072.4	0.2160	14.241	888.6	0.2160			
22	12.045	980.4	0.2090	12.131	833.9	0.2090			
23	9.542	872.7	0.2036	9.608	761.8	0.2036			
24	4.043	680.6	0.1998	4.071	641.4	0.1998			
25	2.606	636.2	0.1983	2.623	609.9	0.1984			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G5

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.128	630.0	0.7396	1.860	637.6	0.7396
2	0.000		0.7396	3.944	834.8	0.7396	6.566	878.1	0.7396
3	0.000		0.7358	5.530	909.2	0.7358	9.411	998.0	0.7319
4	0.000	Data	0.7004	6.623	999.7	0.7004	11.357	1133.2	0.6903
5	0.000	Not	0.6502	7.245	1055.5	0.6502	12.332	1194.6	0.6331
6	0.000	Required	0.5924	7.568	1085.8	0.5924	12.720	1206.3	0.5710
7	0.000		0.5354	7.740	1102.3	0.5354	12.856	1199.8	0.5132
8	0.000		0.4848	7.887	1116.6	0.4848	12.966	1193.2	0.4638
9	0.000		0.4409	8.309	1158.8	0.4409	13.507	1214.6	0.4218
10	0.000		0.4032	8.295	1157.4	0.4032	13.436	1204.3	0.3857
11	0.000		0.3714	8.156	1143.3	0.3714	13.222	1190.9	0.3552
12	0.000		0.3445	7.942	1122.0	0.3445	12.936	1178.1	0.3293
13	0.000		0.3218	7.687	1097.2	0.3218	12.627	1168.6	0.3072
14	0.000		0.3024	7.404	1070.3	0.3024	12.322	1164.8	0.2882
15	0.000		0.2858	7.081	1040.5	0.2858	12.005	1165.8	0.2714
16	0.000		0.2715	6.696	1006.1	0.2715	11.583	1159.4	0.2568
17	0.000		0.2593	6.212	964.6	0.2593	10.939	1132.0	0.2441
18	0.000		0.2491	5.506	907.4	0.2491	9.848	1068.8	0.2334
19	0.000		0.2407	5.008	869.2	0.2407	9.004	1015.2	0.2246
20	0.000		0.2337	4.556	836.0	0.2337	8.197	963.2	0.2173
21	0.000		0.2276	4.063	801.3	0.2276	7.302	907.7	0.2110
22	0.000		0.2226	3.396	756.7	0.2226	6.098	838.9	0.2059
23	0.000		0.2187	2.678	711.5	0.2187	4.798	770.5	0.2020
24	0.000		0.2159	1.100	620.9	0.2159	2.005	645.1	0.1989
25	0.000		0.2149	0.722	600.7	0.2149	1.308	615.4	0.1979
Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.399	659.6	0.7396	3.422	635.4	0.7396			
2	12.062	984.0	0.7396	12.149	888.3	0.7396			
3	16.546	1061.9	0.7239	16.660	947.1	0.7239			
4	18.883	1099.8	0.6763	19.009	1000.6	0.6765			
5	19.774	1091.6	0.6178	19.905	1023.8	0.618			
6	20.056	1081.2	0.5585	20.189	1033.3	0.5587			
7	20.165	1078.6	0.5046	20.298	1033.3	0.5048			
8	20.318	1082.8	0.4584	20.452	1038.1	0.4586			
9	21.087	1105.2	0.4188	21.226	1062.2	0.4190			
10	21.140	1117.6	0.3844	21.280	1067.1	0.3845			
11	21.072	1132.4	0.3549	21.213	1072.1	0.3551			
12	20.941	1148.3	0.3296	21.085	1087.0	0.3298			
13	20.790	1164.8	0.3076	20.937	1102.2	0.3078			
14	20.634	1180.5	0.2884	20.782	1107.3	0.2885			
15	20.447	1194.4	0.2713	20.592	1092.0	0.2714			
16	20.138	1206.6	0.2561	20.278	1067.1	0.2562			
17	19.569	1214.8	0.2427	19.701	1028.6	0.2428			
18	18.444	1211.1	0.2308	18.568	991.5	0.2310			
19	17.426	1192.3	0.2206	17.541	951.5	0.2207			
20	16.251	1153.4	0.2116	16.357	913.2	0.2117			
21	14.646	1082.0	0.2039	14.740	864.7	0.2039			
22	12.386	984.4	0.1975	12.466	811.6	0.1975			
23	9.733	873.0	0.1925	9.796	751.5	0.1926			
24	4.106	680.1	0.1891	4.132	635.6	0.1892			
25	2.647	635.8	0.1878	2.663	607.1	0.1880			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G6

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.181	633.4	0.7396	1.947	641.4	0.7396
2	0.000		0.7396	4.089	846.8	0.7396	6.845	897.9	0.7396
3	0.000		0.7349	5.732	925.3	0.7349	9.841	1032.4	0.7302
4	0.000	Data	0.6978	6.830	1017.9	0.6978	11.794	1172.8	0.6860
5	0.000	Not	0.6459	7.378	1067.9	0.6459	12.608	1220.4	0.6266
6	0.000	Required	0.5876	7.593	1088.2	0.5876	12.792	1214.8	0.5643
7	0.000		0.5315	7.668	1095.4	0.5315	12.765	1196.4	0.5076
8	0.000		0.4823	7.743	1102.6	0.4823	12.767	1183.4	0.4598
9	0.000		0.4397	8.107	1138.4	0.4397	13.239	1202.7	0.4191
10	0.000		0.4032	8.049	1132.6	0.4032	13.114	1190.7	0.3841
11	0.000		0.3724	7.877	1115.6	0.3724	12.858	1175.8	0.3547
12	0.000		0.3464	7.641	1092.8	0.3464	12.542	1161.8	0.3296
13	0.000		0.3245	7.364	1066.6	0.3245	12.202	1150.9	0.3083
14	0.000		0.3059	7.052	1037.9	0.3059	11.859	1145.6	0.2898
15	0.000		0.2899	6.697	1006.2	0.2899	11.495	1144.1	0.2736
16	0.000		0.2762	6.283	970.6	0.2762	11.027	1134.9	0.2593
17	0.000		0.2646	5.784	929.4	0.2646	10.346	1104.4	0.2471
18	0.000		0.2549	5.095	875.7	0.2549	9.256	1040.4	0.2368
19	0.000		0.2469	4.626	841.0	0.2469	8.437	987.7	0.2284
20	0.000		0.2403	4.232	813.0	0.2403	7.692	937.8	0.2214
21	0.000		0.2346	3.807	783.9	0.2346	6.872	884.8	0.2157
22	0.000		0.2297	3.214	745.0	0.2297	5.756	819.5	0.2109
23	0.000		0.2259	2.554	703.9	0.2259	4.536	755.2	0.2072
24	0.000		0.2230	1.055	618.5	0.2230	1.897	639.1	0.2042
25	0.000		0.2219	0.693	599.2	0.2219	1.239	611.7	0.2033
Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.418	654.9	0.7396	3.440	632.0	0.7396			
2	12.151	965.6	0.7396	12.230	852.6	0.7396			
3	16.757	1041.2	0.7239	16.861	904.9	0.724			
4	19.107	1079.0	0.6757	19.224	960.2	0.6759			
5	19.866	1073.7	0.6164	19.989	986.9	0.6166			
6	19.972	1066.2	0.5571	20.099	1005.2	0.5574			
7	19.934	1065.1	0.5041	20.064	1019.1	0.5044			
8	19.986	1069.9	0.4590	20.117	1023.8	0.4593			
9	20.683	1091.8	0.4202	20.820	1052.5	0.4205			
10	20.676	1103.4	0.3865	20.815	1062.2	0.3867			
11	20.557	1117.1	0.3576	20.699	1077.0	0.3579			
12	20.385	1131.7	0.3328	20.531	1097.1	0.3330			
13	20.192	1146.7	0.3113	20.343	1122.7	0.3114			
14	19.987	1161.1	0.2923	20.139	1127.9	0.2924			
15	19.741	1173.5	0.2755	19.892	1122.7	0.2756			
16	19.364	1183.2	0.2606	19.511	1102.2	0.2607			
17	18.718	1186.9	0.2474	18.860	1077.0	0.2476			
18	17.526	1176.0	0.2361	17.662	1047.7	0.2361			
19	16.471	1151.3	0.2261	16.600	1014.5	0.2262			
20	15.307	1108.7	0.2175	15.428	977.9	0.2176			
21	13.760	1038.6	0.2100	13.868	921.5	0.2101			
22	11.579	944.5	0.2039	11.672	860.8	0.2040			
23	9.055	841.5	0.1992	9.127	782.7	0.1993			
24	3.806	668.7	0.1959	3.836	647.3	0.1960			
25	2.450	628.6	0.1946	2.468	612.7	0.1947			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G7

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.040	624.3	0.7396	1.813	642.2	0.7396
2	0.000		0.7396	3.615	808.3	0.7396	6.339	893.1	0.7396
3	0.000		0.7392	5.038	871.4	0.7392	8.991	1008.7	0.7313
4	0.000	Data	0.7094	6.014	948.2	0.7094	10.777	1138.1	0.6909
5	0.000	Not	0.6663	6.580	996.0	0.6663	11.685	1197.8	0.6375
6	0.000	Required	0.6154	6.909	1025.0	0.6154	12.095	1212.4	0.5803
7	0.000		0.5625	7.130	1045.0	0.5625	12.317	1212.6	0.5258
8	0.000		0.5129	7.340	1064.3	0.5129	12.541	1215.2	0.4774
9	0.000		0.4680	7.808	1108.9	0.4680	13.202	1250.7	0.4350
10	0.000		0.4287	7.848	1112.8	0.4287	13.245	1251.3	0.3977
11	0.000		0.3954	7.750	1103.3	0.3954	13.128	1247.7	0.3660
12	0.000		0.3670	7.569	1085.9	0.3670	12.923	1243.3	0.3389
13	0.000		0.3430	7.336	1064.0	0.3430	12.645	1234.9	0.3157
14	0.000		0.3225	7.063	1038.9	0.3225	12.279	1217.9	0.2959
15	0.000		0.3050	6.743	1010.2	0.3050	11.796	1188.5	0.2789
16	0.000		0.2900	6.359	977.0	0.2900	11.170	1146.3	0.2642
17	0.000		0.2771	5.878	937.1	0.2771	10.362	1091.7	0.2518
18	0.000		0.2664	5.180	882.2	0.2664	9.193	1017.8	0.2413
19	0.000		0.2575	4.681	845.0	0.2575	8.318	962.6	0.2327
20	0.000		0.2499	4.232	813.0	0.2499	7.515	913.6	0.2254
21	0.000		0.2435	3.758	780.6	0.2435	6.664	864.4	0.2193
22	0.000		0.2381	3.139	740.2	0.2381	5.558	804.9	0.2143
23	0.000		0.2338	2.479	699.4	0.2338	4.382	746.5	0.2102
24	0.000		0.2306	1.016	616.4	0.2306	1.831	636.6	0.2069
25	0.000		0.2294	0.665	597.7	0.2294	1.197	610.4	0.2058
Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.404	663.1	0.7396	3.426	632.0	0.7396			
2	11.988	999.0	0.7396	12.069	861.4	0.7396			
3	16.327	1081.2	0.7229	16.436	925.8	0.7229			
4	18.486	1118.1	0.6752	18.610	991.5	0.6753			
5	19.213	1100.0	0.6186	19.348	1042.8	0.6188			
6	19.391	1077.3	0.5625	19.536	1092.0	0.5627			
7	19.468	1063.4	0.5114	19.621	1133.1	0.5114			
8	19.647	1059.1	0.4666	19.806	1165.0	0.4666			
9	20.474	1075.0	0.4274	20.640	1203.4	0.4274			
10	20.608	1083.8	0.3928	20.774	1203.4	0.3927			
11	20.628	1097.3	0.3629	20.792	1192.3	0.3628			
12	20.589	1113.8	0.3370	20.750	1175.9	0.3369			
13	20.504	1133.3	0.3144	20.662	1159.7	0.3144			
14	20.350	1155.1	0.2948	20.505	1143.7	0.2947			
15	20.088	1178.4	0.2775	20.240	1127.9	0.2773			
16	19.664	1200.0	0.2621	19.813	1112.4	0.2621			
17	18.992	1214.8	0.2486	19.136	1087.0	0.2485			
18	17.798	1212.1	0.2365	17.937	1062.2	0.2365			
19	16.746	1192.9	0.2261	16.880	1038.1	0.2259			
20	15.564	1152.8	0.2169	15.691	1005.2	0.2167			
21	14.004	1081.6	0.2089	14.118	947.1	0.2088			
22	11.823	982.4	0.2024	11.922	884.6	0.2022			
23	9.303	871.9	0.1973	9.381	804.3	0.1972			
24	3.936	680.4	0.1936	3.969	656.2	0.1935			
25	2.545	636.3	0.1922	2.567	624.1	0.1921			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G8

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.048	824.9	0.7396	1.746	633.9	0.7396
2	0.000		0.7396	3.619	808.6	0.7396	6.073	853.9	0.7396
3	0.000		0.7385	5.014	869.6	0.7385	8.591	954.1	0.7345
4	0.000	Data	0.7083	5.967	944.3	0.7083	10.333	1072.6	0.6978
5	0.000	Not	0.6651	6.535	992.1	0.6651	11.283	1135.6	0.6475
6	0.000	Required	0.6145	6.882	1022.6	0.6145	11.761	1158.0	0.5917
7	0.000		0.5623	7.122	1044.2	0.5623	12.032	1163.4	0.5373
8	0.000		0.5131	7.340	1064.3	0.5131	12.280	1168.6	0.4882
9	0.000		0.4686	7.808	1108.9	0.4686	12.942	1203.0	0.4451
10	0.000		0.4294	7.848	1112.8	0.4294	12.984	1203.4	0.4073
11	0.000		0.3960	7.755	1103.8	0.3960	12.866	1198.9	0.3751
12	0.000		0.3675	7.586	1087.5	0.3675	12.664	1193.0	0.3475
13	0.000		0.3433	7.382	1068.3	0.3433	12.410	1184.1	0.3239
14	0.000		0.3226	7.172	1048.8	0.3226	12.112	1168.6	0.3038
15	0.000		0.3047	6.931	1026.9	0.3047	11.727	1143.7	0.2864
16	0.000		0.2893	6.612	998.8	0.2893	11.198	1108.4	0.2713
17	0.000		0.2760	6.160	960.3	0.2760	10.457	1061.6	0.2584
18	0.000		0.2648	5.460	903.7	0.2648	9.329	996.2	0.2474
19	0.000		0.2557	4.955	865.2	0.2557	8.488	947.9	0.2384
20	0.000		0.2478	4.488	831.1	0.2478	7.714	906.0	0.2307
21	0.000		0.2411	3.986	796.0	0.2411	6.894	864.7	0.2240
22	0.000		0.2355	3.328	752.3	0.2355	5.802	811.4	0.2184
23	0.000		0.2311	2.626	708.3	0.2311	4.610	755.4	0.2140
24	0.000		0.2280	1.075	619.6	0.2280	1.933	640.6	0.2106
25	0.000		0.2268	0.701	599.6	0.2268	1.260	612.9	0.2093

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	3.176	652.1	0.7396	3.198	632.0	0.7396
2	11.143	943.3	0.7396	11.225	865.8	0.7396
3	15.305	1022.6	0.7288	15.413	921.5	0.7288
4	17.506	1065.5	0.6868	17.628	982.4	0.6869
5	18.368	1057.1	0.6340	18.496	1009.8	0.6341
6	18.684	1041.9	0.5790	18.814	1019.1	0.5792
7	18.862	1033.2	0.5274	18.993	1023.8	0.5276
8	19.103	1032.6	0.4816	19.236	1033.3	0.4816
9	19.954	1050.2	0.4412	20.092	1057.3	0.4414
10	20.103	1060.4	0.4056	20.243	1067.1	0.4058
11	20.132	1074.4	0.3749	20.274	1077.0	0.3751
12	20.099	1090.9	0.3483	20.245	1097.1	0.3484
13	20.030	1109.2	0.3253	20.180	1117.5	0.3253
14	19.926	1128.7	0.3050	20.078	1127.9	0.3051
15	19.736	1148.7	0.2872	19.886	1117.5	0.2873
16	19.389	1167.7	0.2715	19.534	1092.0	0.2715
17	18.780	1181.7	0.2575	18.918	1057.3	0.2575
18	17.650	1181.5	0.2451	17.780	1019.1	0.2451
19	16.679	1167.7	0.2342	16.801	982.4	0.2342
20	15.594	1135.4	0.2245	15.707	942.8	0.2245
21	14.139	1072.4	0.2161	14.239	888.6	0.2161
22	12.043	980.3	0.2091	12.128	830.1	0.2091
23	9.540	872.6	0.2036	9.607	765.3	0.2036
24	4.042	680.6	0.1998	4.070	641.4	0.1998
25	2.605	636.1	0.1984	2.623	612.7	0.1984

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G9

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.129	630.1	0.7396	1.888	640.6	0.7396
2	0.000		0.7396	3.906	831.7	0.7396	6.597	888.2	0.7396
3	0.000		0.7352	5.423	900.9	0.7352	9.376	1008.7	0.7305
4	0.000	Data	0.6997	6.463	985.9	0.6997	11.271	1145.8	0.6878
5	0.000	Not	0.6496	7.070	1039.5	0.6496	12.244	1210.3	0.6299
6	0.000	Required	0.5923	7.410	1070.9	0.5923	12.669	1225.7	0.5680
7	0.000		0.5360	7.618	1090.6	0.5360	12.864	1223.4	0.5106
8	0.000		0.4862	7.807	1108.8	0.4862	13.038	1220.6	0.4617
9	0.000		0.4435	8.283	1156.1	0.4435	13.660	1247.6	0.4205
10	0.000		0.4086	8.374	1165.4	0.4086	13.713	1240.5	0.3861
11	0.000		0.3765	8.273	1155.1	0.3765	13.557	1230.3	0.3554
12	0.000		0.3485	8.066	1134.3	0.3485	13.289	1219.2	0.3287
13	0.000		0.3246	7.814	1109.5	0.3246	12.972	1207.4	0.3059
14	0.000		0.3044	7.534	1082.6	0.3044	12.612	1193.0	0.2865
15	0.000		0.2872	7.214	1052.7	0.2872	12.176	1172.5	0.2697
16	0.000		0.2724	6.824	1017.4	0.2724	11.611	1142.2	0.2553
17	0.000		0.2599	6.326	974.2	0.2599	10.846	1097.5	0.2429
18	0.000		0.2495	5.593	914.2	0.2495	9.689	1030.4	0.2325
19	0.000		0.2410	5.066	873.5	0.2410	8.811	978.1	0.2240
20	0.000		0.2337	4.584	838.0	0.2337	7.991	930.5	0.2168
21	0.000		0.2275	4.065	801.4	0.2275	7.106	881.7	0.2107
22	0.000		0.2225	3.389	756.2	0.2225	5.940	820.6	0.2055
23	0.000		0.2184	2.673	711.2	0.2184	4.691	759.1	0.2015
24	0.000		0.2155	1.096	620.7	0.2155	1.965	641.6	0.1984
25	0.000		0.2144	0.720	600.6	0.2144	1.287	613.6	0.1974
Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.384	656.6	0.7396	3.408	638.8	0.7396			
2	11.925	967.7	0.7396	12.014	897.5	0.7396			
3	16.315	1043.4	0.7248	16.430	951.5	0.7248			
4	18.615	1082.0	0.6777	18.741	1000.6	0.6778			
5	19.510	1074.4	0.6193	19.641	1023.8	0.6195			
6	19.816	1063.0	0.5600	19.949	1033.3	0.5602			
7	19.966	1058.7	0.5062	20.099	1033.3	0.5065			
8	20.170	1061.6	0.4603	20.304	1038.1	0.4605			
9	21.008	1082.4	0.4211	21.146	1057.3	0.4213			
10	21.177	1093.7	0.3878	21.315	1057.3	0.3879			
11	21.169	1108.4	0.3582	21.306	1052.5	0.3584			
12	21.068	1125.2	0.3323	21.203	1042.8	0.3324			
13	20.928	1143.2	0.3099	21.061	1033.3	0.3100			
14	20.749	1162.0	0.2903	20.879	1019.1	0.2905			
15	20.491	1180.8	0.2732	20.617	1000.6	0.2733			
16	20.087	1198.1	0.2581	20.208	977.9	0.2582			
17	19.432	1210.0	0.2447	19.547	951.5	0.2448			
18	18.254	1207.7	0.2330	18.363	925.8	0.2332			
19	17.216	1190.4	0.2228	17.317	892.6	0.2229			
20	16.044	1153.3	0.2136	16.138	864.7	0.2138			
21	14.468	1083.7	0.2057	14.551	822.7	0.2059			
22	12.252	986.5	0.1992	12.323	779.2	0.1994			
23	9.654	875.1	0.1941	9.709	724.9	0.1943			
24	4.083	681.1	0.1906	4.106	626.9	0.1908			
25	2.639	636.5	0.1893	2.653	601.5	0.1894			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G10

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.140	630.8	0.7396	1.872	637.6	0.7396
2	0.000		0.7396	3.981	837.9	0.7396	6.607	878.7	0.7396
3	0.000		0.7353	5.575	912.8	0.7353	9.467	999.6	0.7315
4	0.000	Data	0.6992	6.667	1003.6	0.6992	11.414	1135.4	0.6895
5	0.000	Not	0.6482	7.284	1059.1	0.6482	12.381	1196.4	0.6317
6	0.000	Required	0.5901	7.601	1088.9	0.5901	12.761	1207.7	0.5695
7	0.000		0.5332	7.769	1105.1	0.5332	12.892	1201.1	0.5118
8	0.000		0.4830	7.912	1119.1	0.4830	12.997	1194.3	0.4626
9	0.000		0.4395	8.330	1160.9	0.4395	13.533	1215.5	0.4208
10	0.000		0.4020	8.311	1159.0	0.4020	13.460	1205.7	0.3848
11	0.000		0.3703	8.168	1144.5	0.3703	13.246	1193.0	0.3543
12	0.000		0.3435	7.953	1123.1	0.3435	12.959	1180.2	0.3285
13	0.000		0.3208	7.690	1097.5	0.3208	12.642	1170.7	0.3065
14	0.000		0.3016	7.385	1068.5	0.3016	12.313	1166.5	0.2875
15	0.000		0.2851	7.029	1035.8	0.2851	11.955	1166.2	0.2709
16	0.000		0.2711	6.612	998.8	0.2711	11.492	1158.2	0.2564
17	0.000		0.2590	6.109	956.0	0.2590	10.813	1128.1	0.2439
18	0.000		0.2491	5.398	898.9	0.2491	9.702	1062.8	0.2333
19	0.000		0.2410	4.904	861.4	0.2410	8.846	1007.1	0.2247
20	0.000		0.2341	4.464	829.4	0.2341	8.035	953.3	0.2176
21	0.000		0.2282	3.988	796.1	0.2282	7.142	896.5	0.2116
22	0.000		0.2233	3.340	753.1	0.2233	5.951	827.8	0.2067
23	0.000		0.2195	2.638	709.0	0.2195	4.672	760.9	0.2029
24	0.000		0.2167	1.084	620.0	0.2167	1.947	641.1	0.1999
25	0.000		0.2157	0.711	600.1	0.2157	1.269	612.8	0.1990
Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.401	658.9	0.7396	3.424	635.4	0.7396			
2	12.073	981.1	0.7396	12.158	879.3	0.7396			
3	16.560	1057.9	0.7239	16.673	942.8	0.7239			
4	18.895	1095.4	0.6762	19.021	1000.6	0.6763			
5	19.784	1087.7	0.6175	19.916	1028.6	0.6177			
6	20.064	1078.0	0.5581	20.198	1038.1	0.5583			
7	20.174	1076.0	0.5042	20.310	1047.7	0.5044			
8	20.328	1080.7	0.4582	20.466	1057.3	0.4583			
9	21.097	1103.6	0.4186	21.239	1077.0	0.4188			
10	21.152	1116.4	0.3843	21.296	1087.0	0.3845			
11	21.085	1131.3	0.3549	21.231	1097.1	0.3550			
12	20.957	1147.6	0.3296	21.104	1102.2	0.3297			
13	20.801	1164.3	0.3076	20.950	1112.4	0.3077			
14	20.628	1180.8	0.2884	20.776	1107.3	0.2884			
15	20.412	1196.0	0.2713	20.558	1097.1	0.2714			
16	20.068	1208.9	0.2562	20.210	1077.0	0.2563			
17	19.465	1217.2	0.2428	19.602	1052.5	0.2429			
18	18.307	1212.1	0.2311	18.439	1028.6	0.2312			
19	17.261	1191.5	0.2209	17.387	1000.6	0.2210			
20	16.061	1150.5	0.2121	16.180	969.0	0.2121			
21	14.442	1077.7	0.2044	14.549	917.4	0.2045			
22	12.177	979.0	0.1982	12.269	856.9	0.1982			
23	9.546	868.3	0.1933	9.618	782.7	0.1934			
24	4.019	678.4	0.1899	4.050	650.2	0.1899			
25	2.587	634.6	0.1887	2.607	618.4	0.1887			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G11

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.037	624.1	0.7396	1.808	642.0	0.7396
2	0.000		0.7396	3.604	807.4	0.7396	6.320	891.9	0.7396
3	0.000		0.7392	5.024	870.4	0.7392	8.968	1007.4	0.7314
4	0.000	Data	0.7095	5.998	946.9	0.7095	10.752	1136.6	0.6911
5	0.000	Not	0.6666	6.564	994.6	0.6666	11.660	1196.2	0.6379
6	0.000	Required	0.6158	6.894	1023.6	0.6158	12.073	1211.2	0.5808
7	0.000		0.5630	7.116	1043.7	0.5630	12.296	1211.3	0.5263
8	0.000		0.5134	7.326	1063.0	0.5134	12.521	1214.1	0.4778
9	0.000		0.4685	7.795	1107.6	0.4685	13.183	1249.6	0.4354
10	0.000		0.4291	7.836	1111.6	0.4291	13.226	1250.0	0.3981
11	0.000		0.3958	7.738	1102.1	0.3958	13.111	1246.8	0.3664
12	0.000		0.3675	7.558	1084.9	0.3675	12.905	1242.0	0.3393
13	0.000		0.3434	7.325	1062.9	0.3434	12.627	1233.6	0.3161
14	0.000		0.3229	7.053	1037.9	0.3229	12.263	1216.8	0.2962
15	0.000		0.3054	6.733	1009.4	0.3054	11.780	1187.5	0.2792
16	0.000		0.2903	6.349	976.2	0.2903	11.155	1145.4	0.2645
17	0.000		0.2775	5.869	936.3	0.2775	10.348	1090.8	0.2521
18	0.000		0.2666	5.172	881.5	0.2666	9.179	1016.8	0.2415
19	0.000		0.2578	4.674	844.5	0.2578	8.305	961.8	0.2329
20	0.000		0.2503	4.225	812.5	0.2503	7.503	913.0	0.2256
21	0.000		0.2438	3.752	780.2	0.2438	6.654	863.9	0.2195
22	0.000		0.2384	3.135	739.9	0.2384	5.550	804.5	0.2145
23	0.000		0.2341	2.475	699.2	0.2341	4.375	746.2	0.2105
24	0.000		0.2309	1.015	616.3	0.2309	1.828	636.4	0.2072
25	0.000		0.2297	0.663	597.6	0.2297	1.195	610.4	0.2060

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	3.397	663.0	0.7396	3.419	632.0	0.7396
2	11.961	998.2	0.7396	12.043	865.8	0.7396
3	16.296	1080.4	0.7229	16.404	921.5	0.7230
4	18.454	1117.4	0.6753	18.578	991.5	0.6755
5	19.183	1099.5	0.6189	19.317	1038.1	0.6190
6	19.363	1076.8	0.5628	19.507	1087.0	0.5630
7	19.440	1062.7	0.5117	19.593	1133.1	0.5118
8	19.619	1058.4	0.4669	19.779	1170.4	0.4669
9	20.447	1074.2	0.4277	20.612	1197.8	0.4277
10	20.581	1083.1	0.3931	20.747	1203.4	0.3931
11	20.602	1096.4	0.3632	20.765	1186.8	0.3631
12	20.563	1113.0	0.3372	20.724	1175.9	0.3372
13	20.478	1132.5	0.3147	20.635	1154.3	0.3146
14	20.325	1154.2	0.2950	20.480	1143.7	0.2949
15	20.063	1177.4	0.2777	20.214	1122.7	0.2775
16	19.639	1198.9	0.2623	19.788	1112.4	0.2622
17	18.967	1213.6	0.2488	19.112	1092.0	0.2486
18	17.774	1211.0	0.2367	17.914	1067.1	0.2366
19	16.723	1191.8	0.2262	16.857	1038.1	0.2261
20	15.542	1151.8	0.2170	15.669	1005.2	0.2169
21	13.984	1080.6	0.2091	14.098	947.1	0.2090
22	11.806	981.6	0.2025	11.905	884.6	0.2024
23	9.289	871.3	0.1975	9.367	804.3	0.1974
24	3.931	680.2	0.1937	3.964	656.2	0.1937
25	2.542	636.2	0.1924	2.563	621.2	0.1922

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G12

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.011	622.5	0.7396	1.756	639.1	0.7396
2	0.000		0.7396	3.513	800.2	0.7396	6.138	878.6	0.7396
3	0.000		0.7396	4.898	916.3	0.7396	8.711	1068.4	0.7326
4	0.000	Data	0.7109	5.863	935.8	0.7109	10.480	1113.5	0.6940
5	0.000	Not	0.6690	6.452	985.0	0.6690	11.431	1175.5	0.6423
6	0.000	Required	0.6192	6.815	1016.6	0.6192	11.897	1193.7	0.5861
7	0.000		0.5671	7.062	1038.8	0.5671	12.151	1195.0	0.5320
8	0.000		0.5178	7.281	1058.9	0.5178	12.384	1197.5	0.4835
9	0.000		0.4731	7.753	1103.6	0.4731	13.044	1231.6	0.4410
10	0.000		0.4338	7.798	1107.9	0.4338	13.091	1232.0	0.4037
11	0.000		0.4002	7.706	1099.0	0.4002	12.989	1230.2	0.3716
12	0.000		0.3715	7.528	1082.0	0.3715	12.815	1230.9	0.3440
13	0.000		0.3471	7.302	1060.8	0.3471	12.586	1230.3	0.3204
14	0.000		0.3262	7.041	1036.9	0.3262	12.275	1221.2	0.3000
15	0.000		0.3083	6.737	1009.7	0.3083	11.832	1196.0	0.2825
16	0.000		0.2929	6.367	977.7	0.2929	11.238	1156.6	0.2674
17	0.000		0.2799	5.896	938.5	0.2799	10.456	1104.1	0.2546
18	0.000		0.2690	5.203	883.9	0.2690	9.303	1031.0	0.2437
19	0.000		0.2599	4.713	847.3	0.2599	8.445	976.2	0.2349
20	0.000		0.2522	4.273	815.9	0.2522	7.659	927.6	0.2274
21	0.000		0.2456	3.809	784.0	0.2456	6.823	878.2	0.2211
22	0.000		0.2401	3.196	743.8	0.2401	5.718	817.1	0.2158
23	0.000		0.2356	2.532	702.6	0.2356	4.524	756.3	0.2117
24	0.000		0.2325	1.041	617.7	0.2325	1.894	640.1	0.2083
25	0.000		0.2312	0.679	598.4	0.2312	1.236	612.7	0.2071
Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.300	659.9	0.7396	3.322	632.0	0.7396			
2	11.615	982.1	0.7396	11.696	861.4	0.7396			
3	15.870	1064.2	0.7246	15.977	917.4	0.7246			
4	18.041	1103.3	0.6786	18.163	982.4	0.6788			
5	18.853	1089.6	0.6236	18.984	1023.8	0.6237			
6	19.131	1071.4	0.5682	19.268	1052.5	0.5684			
7	19.281	1061.4	0.5171	19.422	1072.1	0.5173			
8	19.498	1059.9	0.4721	19.644	1097.1	0.4721			
9	20.345	1077.8	0.4326	20.495	1117.5	0.4327			
10	20.492	1087.5	0.3976	20.643	1122.7	0.3977			
11	20.525	1100.8	0.3674	20.675	1117.5	0.3674			
12	20.507	1116.4	0.3410	20.655	1107.3	0.3410			
13	20.451	1133.9	0.3180	20.597	1097.1	0.3180			
14	20.330	1153.5	0.2979	20.474	1087.0	0.2979			
15	20.087	1174.4	0.2802	20.228	1072.1	0.2802			
16	19.680	1194.4	0.2646	19.818	1057.3	0.2646			
17	19.025	1208.2	0.2508	19.160	1042.8	0.2508			
18	17.856	1206.4	0.2385	17.989	1033.3	0.2386			
19	16.838	1189.1	0.2279	16.969	1023.8	0.2279			
20	15.698	1151.8	0.2185	15.824	1000.6	0.2185			
21	14.176	1082.9	0.2105	14.290	947.1	0.2105			
22	12.021	985.7	0.2038	12.120	884.6	0.2038			
23	9.486	875.0	0.1986	9.563	800.6	0.1986			
24	4.016	681.4	0.1949	4.049	656.2	0.1949			
25	2.592	636.7	0.1935	2.612	618.4	0.1935			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G13

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.185	633.7	0.7396	1.965	643.0	0.7396
2	0.000		0.7396	4.119	849.3	0.7396	6.906	902.5	0.7396
3	0.000		0.7327	5.734	925.4	0.7327	9.839	1031.8	0.7282
4	0.000	Data	0.6934	6.809	1016.1	0.6934	11.766	1171.6	0.6822
5	0.000	Not	0.6391	7.396	1069.6	0.6391	12.686	1231.4	0.6209
6	0.000	Required	0.5789	7.697	1098.2	0.5789	13.042	1241.6	0.5569
7	0.000		0.5217	7.868	1114.8	0.5217	13.179	1235.3	0.4991
8	0.000		0.4724	8.030	1130.7	0.4724	13.311	1229.8	0.4507
9	0.000		0.4307	8.489	1177.3	0.4307	13.900	1253.9	0.4103
10	0.000		0.3967	8.566	1185.3	0.3967	13.932	1245.5	0.3768
11	0.000		0.3655	8.456	1173.9	0.3655	13.764	1234.8	0.3469
12	0.000		0.3381	8.245	1152.3	0.3381	13.492	1223.5	0.3208
13	0.000		0.3149	7.981	1125.9	0.3149	13.163	1211.7	0.2986
14	0.000		0.2952	7.669	1095.5	0.2952	12.771	1197.3	0.2796
15	0.000		0.2785	7.298	1060.4	0.2785	12.285	1176.9	0.2632
16	0.000		0.2644	6.860	1020.6	0.2644	11.670	1146.1	0.2492
17	0.000		0.2524	6.329	974.5	0.2524	10.870	1101.0	0.2372
18	0.000		0.2425	5.581	913.3	0.2425	9.688	1032.1	0.2271
19	0.000		0.2343	5.047	872.1	0.2343	8.789	977.7	0.2189
20	0.000		0.2274	4.562	836.4	0.2274	7.945	927.2	0.2121
21	0.000		0.2216	4.044	800.0	0.2216	7.032	874.9	0.2062
22	0.000		0.2167	3.368	754.9	0.2167	5.845	811.8	0.2015
23	0.000		0.2129	2.655	710.1	0.2129	4.591	750.1	0.1978
24	0.000		0.2101	1.090	620.4	0.2101	1.918	637.8	0.1949
25	0.000		0.2090	0.718	600.5	0.2090	1.257	611.1	0.1939
Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.479	657.9	0.7396	3.498	621.8	0.7396			
2	12.310	975.1	0.7396	12.381	818.1	0.7396			
3	16.814	1046.8	0.7230	16.906	856.9	0.7231			
4	19.118	1082.8	0.6737	19.221	900.8	0.6739			
5	19.963	1075.5	0.6130	20.071	921.5	0.6133			
6	20.217	1065.7	0.5522	20.328	934.2	0.5527			
7	20.325	1062.9	0.4981	20.437	938.5	0.4987			
8	20.496	1066.7	0.4525	20.610	947.1	0.4530			
9	21.306	1088.0	0.4137	21.424	964.6	0.4143			
10	21.457	1099.7	0.3810	21.574	960.2	0.3815			
11	21.435	1114.3	0.3519	21.551	955.8	0.3524			
12	21.327	1130.8	0.3265	21.441	947.1	0.3270			
13	21.176	1149.1	0.3045	21.287	934.2	0.3050			
14	20.969	1168.4	0.2853	21.077	921.5	0.2858			
15	20.670	1188.3	0.2685	20.774	904.9	0.2689			
16	20.223	1206.4	0.2537	20.323	888.6	0.2541			
17	19.534	1218.5	0.2407	19.629	868.6	0.2411			
18	18.328	1215.9	0.2293	18.418	849.2	0.2297			
19	17.253	1196.8	0.2193	17.337	826.4	0.2197			
20	16.032	1156.8	0.2105	16.110	804.3	0.2108			
21	14.402	1084.5	0.2028	14.471	772.2	0.2031			
22	12.141	985.1	0.1965	12.199	734.8	0.1968			
23	9.527	873.0	0.1915	9.572	692.8	0.1919			
24	4.023	680.4	0.1882	4.041	612.7	0.1885			
25	2.598	635.9	0.1868	2.609	593.2	0.1872			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G14

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.247	637.7	0.7396	1.963	635.9	0.7396
2	0.000		0.7396	4.310	865.3	0.7396	6.874	869.7	0.7396
3	0.000		0.7316	5.967	944.3	0.7316	9.761	985.2	0.7302
4	0.000	Data	0.6909	7.051	1037.8	0.6909	11.659	1112.0	0.6868
5	0.000	Not	0.6353	7.618	1090.6	0.6353	12.559	1168.8	0.6279
6	0.000	Required	0.5745	7.886	1116.5	0.5745	12.891	1180.0	0.5648
7	0.000		0.5172	8.020	1129.7	0.5172	12.996	1174.9	0.5069
8	0.000		0.4678	8.136	1141.3	0.4678	13.086	1170.4	0.4579
9	0.000		0.4253	8.531	1181.6	0.4253	13.605	1192.3	0.4164
10	0.000		0.3888	8.492	1177.6	0.3888	13.526	1185.2	0.3807
11	0.000		0.3580	8.343	1162.3	0.3580	13.321	1175.3	0.3507
12	0.000		0.3322	8.144	1142.1	0.3322	13.061	1164.6	0.3252
13	0.000		0.3102	7.903	1118.2	0.3102	12.761	1154.4	0.3035
14	0.000		0.2915	7.606	1089.4	0.2915	12.403	1143.9	0.2849
15	0.000		0.2754	7.235	1054.6	0.2754	11.950	1130.0	0.2688
16	0.000		0.2618	6.793	1014.7	0.2618	11.369	1106.7	0.2549
17	0.000		0.2503	6.266	969.1	0.2503	10.607	1068.6	0.2429
18	0.000		0.2406	5.535	909.6	0.2406	9.474	1006.6	0.2329
19	0.000		0.2327	5.021	870.1	0.2327	8.616	956.7	0.2247
20	0.000		0.2261	4.558	836.1	0.2261	7.808	909.2	0.2178
21	0.000		0.2204	4.057	800.9	0.2204	6.927	859.9	0.2119
22	0.000		0.2156	3.393	756.5	0.2156	5.769	799.9	0.2070
23	0.000		0.2118	2.682	711.7	0.2118	4.534	741.0	0.2032
24	0.000		0.2091	1.100	620.9	0.2091	1.890	634.2	0.2005
25	0.000		0.2081	0.723	600.8	0.2081	1.232	608.3	0.1995
Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.332	648.0	0.7396	3.354	632.0	0.7396			
2	11.769	927.0	0.7396	11.853	874.8	0.7396			
3	16.157	993.9	0.7274	16.267	930.0	0.7274			
4	18.481	1032.5	0.6824	18.604	986.9	0.6826			
5	19.393	1033.6	0.6249	19.522	1014.5	0.6251			
6	19.700	1031.3	0.5652	19.830	1019.1	0.5654			
7	19.834	1034.0	0.5110	19.965	1023.8	0.5111			
8	20.006	1041.6	0.4645	20.138	1028.6	0.4647			
9	20.775	1065.2	0.4245	20.911	1047.7	0.4247			
10	20.839	1079.0	0.3900	20.977	1057.3	0.3902			
11	20.793	1094.5	0.3605	20.933	1067.1	0.3606			
12	20.695	1110.6	0.3351	20.838	1082.0	0.3353			
13	20.562	1127.4	0.3132	20.709	1102.2	0.3133			
14	20.375	1144.9	0.2940	20.523	1107.3	0.2941			
15	20.091	1162.4	0.2770	20.237	1097.1	0.2772			
16	19.660	1178.3	0.2621	19.800	1067.1	0.2623			
17	18.992	1188.3	0.2490	19.126	1038.1	0.2491			
18	17.817	1183.8	0.2376	17.943	1000.6	0.2377			
19	16.776	1164.4	0.2274	16.894	964.6	0.2275			
20	15.593	1125.8	0.2185	15.702	925.8	0.2185			
21	14.014	1057.3	0.2106	14.111	876.6	0.2107			
22	11.812	963.1	0.2042	11.895	822.7	0.2043			
23	9.260	857.0	0.1991	9.324	755.0	0.1992			
24	3.896	674.5	0.1958	3.922	635.6	0.1958			
25	2.503	632.0	0.1944	2.519	607.1	0.1946			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G15

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.031	623.8	0.7396	1.734	634.4	0.7396
2	0.000		0.7396	3.559	803.8	0.7396	6.039	857.6	0.7396
3	0.000		0.7396	4.948	920.7	0.7396	8.600	1040.6	0.7342
4	0.000	Data	0.7107	5.915	940.1	0.7107	10.402	1092.1	0.6971
5	0.000	Not	0.6684	6.495	988.6	0.6684	11.380	1159.1	0.6463
6	0.000	Required	0.6178	6.845	1019.3	0.6178	11.853	1180.6	0.5902
7	0.000		0.5650	7.088	1041.1	0.5650	12.117	1184.3	0.5356
8	0.000		0.5153	7.320	1062.5	0.5153	12.379	1189.6	0.4864
9	0.000		0.4702	7.810	1109.1	0.4702	13.069	1225.7	0.4432
10	0.000		0.4305	7.862	1114.2	0.4305	13.122	1225.9	0.4052
11	0.000		0.3968	7.765	1104.7	0.3968	12.996	1220.6	0.3729
12	0.000		0.3684	7.576	1086.6	0.3684	12.762	1212.4	0.3454
13	0.000		0.3443	7.327	1063.1	0.3443	12.446	1200.3	0.3220
14	0.000		0.3237	7.031	1036.0	0.3237	12.037	1180.2	0.3019
15	0.000		0.3062	6.685	1005.1	0.3062	11.513	1149.2	0.2848
16	0.000		0.2913	6.279	970.2	0.2913	10.855	1106.7	0.2702
17	0.000		0.2787	5.784	929.4	0.2787	10.026	1053.0	0.2578
18	0.000		0.2680	5.083	874.8	0.2680	8.850	981.3	0.2473
19	0.000		0.2593	4.591	838.5	0.2593	7.984	928.6	0.2389
20	0.000		0.2519	4.152	807.4	0.2519	7.198	882.4	0.2318
21	0.000		0.2456	3.691	776.1	0.2456	6.374	836.6	0.2258
22	0.000		0.2402	3.086	736.8	0.2402	5.305	781.7	0.2208
23	0.000		0.2359	2.440	697.1	0.2359	4.177	728.6	0.2169
24	0.000		0.2327	1.003	615.7	0.2327	1.748	630.0	0.2136
25	0.000		0.2313	0.658	597.3	0.2313	1.145	606.4	0.2124
Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.320	662.8	0.7396	3.341	628.6	0.7396			
2	11.682	998.4	0.7396	11.761	852.6	0.7396			
3	16.013	1088.7	0.7244	16.117	904.9	0.7245			
4	18.224	1129.5	0.6784	18.341	960.2	0.6786			
5	18.996	1108.8	0.6232	19.121	996.0	0.6234			
6	19.195	1081.8	0.5677	19.325	1019.1	0.5679			
7	19.282	1064.7	0.5166	19.414	1028.6	0.5168			
8	19.474	1058.1	0.4715	19.608	1038.1	0.4717			
9	20.314	1072.4	0.4321	20.454	1067.1	0.4323			
10	20.450	1080.4	0.3971	20.591	1072.1	0.3972			
11	20.457	1093.4	0.3668	20.599	1077.0	0.3670			
12	20.393	1110.3	0.3406	20.536	1082.0	0.3407			
13	20.275	1130.2	0.3179	20.418	1082.0	0.3180			
14	20.087	1153.0	0.2980	20.229	1077.0	0.2981			
15	19.789	1176.7	0.2805	19.930	1072.1	0.2806			
16	19.332	1198.2	0.2651	19.470	1057.3	0.2652			
17	18.626	1211.5	0.2514	18.760	1038.1	0.2514			
18	17.394	1205.4	0.2392	17.526	1028.6	0.2393			
19	16.321	1183.2	0.2287	16.451	1019.1	0.2287			
20	15.133	1141.1	0.2195	15.258	996.0	0.2195			
21	13.591	1069.7	0.2116	13.704	942.8	0.2117			
22	11.437	970.8	0.2051	11.533	872.6	0.2052			
23	8.979	862.8	0.2001	9.054	793.4	0.2002			
24	3.806	677.6	0.1964	3.838	653.2	0.1965			
25	2.469	634.9	0.1950	2.489	618.4	0.1951			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G16

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.054	625.2	0.7396	1.816	641.0	0.7396
2	0.000		0.7396	3.656	811.5	0.7396	6.359	890.0	0.7396
3	0.000		0.7381	5.120	877.6	0.7381	9.096	1012.2	0.7308
4	0.000	Data	0.7065	6.144	958.9	0.7065	10.982	1150.9	0.6892
5	0.000	Not	0.6611	6.752	1011.0	0.6611	11.950	1214.6	0.6339
6	0.000	Required	0.6079	7.106	1042.8	0.6079	12.377	1227.9	0.5748
7	0.000		0.5538	7.331	1063.5	0.5538	12.579	1223.7	0.5193
8	0.000		0.5041	7.538	1083.0	0.5041	12.773	1221.4	0.4709
9	0.000		0.4599	8.013	1129.0	0.4599	13.413	1251.9	0.4290
10	0.000		0.4214	8.046	1132.3	0.4214	13.431	1249.0	0.3924
11	0.000		0.3885	7.940	1121.8	0.3885	13.301	1244.6	0.3611
12	0.000		0.3602	7.749	1103.2	0.3602	13.102	1243.1	0.3342
13	0.000		0.3363	7.504	1079.7	0.3363	12.845	1240.9	0.3111
14	0.000		0.3159	7.211	1052.4	0.3159	12.497	1230.7	0.2912
15	0.000		0.2986	6.864	1021.0	0.2986	12.009	1205.0	0.2741
16	0.000		0.2838	6.450	984.8	0.2838	11.368	1164.8	0.2595
17	0.000		0.2712	5.942	942.3	0.2712	10.540	1110.4	0.2471
18	0.000		0.2607	5.221	885.3	0.2607	9.345	1034.7	0.2366
19	0.000		0.2522	4.715	847.5	0.2522	8.455	977.4	0.2282
20	0.000		0.2448	4.269	815.6	0.2448	7.646	926.4	0.2211
21	0.000		0.2386	3.804	783.7	0.2386	6.788	874.4	0.2152
22	0.000		0.2333	3.187	743.2	0.2333	5.663	811.7	0.2102
23	0.000		0.2291	2.527	702.3	0.2291	4.468	750.6	0.2064
24	0.000		0.2261	1.046	618.0	0.2261	1.878	638.2	0.2033
25	0.000		0.2249	0.688	598.9	0.2249	1.233	611.6	0.2022
Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.394	662.2	0.7396	3.409	608.4	0.7396			
2	11.996	997.8	0.7396	12.052	756.7	0.7396			
3	16.444	1082.4	0.7224	16.518	789.8	0.7225			
4	18.713	1120.3	0.6738	18.796	822.7	0.6741			
5	19.524	1104.6	0.6160	19.614	849.2	0.6164			
6	19.760	1085.8	0.5586	19.855	868.6	0.5591			
7	19.861	1076.0	0.5065	19.960	884.6	0.5072			
8	20.043	1074.8	0.4613	20.145	896.7	0.4621			
9	20.871	1093.1	0.4223	20.977	913.2	0.4230			
10	20.988	1102.9	0.3879	21.095	917.4	0.3886			
11	20.987	1115.8	0.3582	21.093	913.2	0.3589			
12	20.936	1130.7	0.3324	21.041	909.0	0.3330			
13	20.846	1147.9	0.3099	20.948	896.7	0.3105			
14	20.684	1167.3	0.2902	20.784	888.6	0.2908			
15	20.394	1188.3	0.2730	20.491	876.6	0.2735			
16	19.938	1208.3	0.2578	20.031	860.8	0.2583			
17	19.233	1221.7	0.2443	19.320	837.7	0.2448			
18	18.007	1218.3	0.2325	18.090	822.7	0.2330			
19	16.936	1198.6	0.2222	17.014	804.3	0.2227			
20	15.747	1158.3	0.2131	15.819	782.7	0.2136			
21	14.175	1086.2	0.2054	14.240	758.4	0.2059			
22	11.969	986.0	0.1990	12.024	724.9	0.1995			
23	9.416	874.0	0.1941	9.458	683.5	0.1946			
24	3.994	681.0	0.1905	4.010	607.1	0.1910			
25	2.591	636.9	0.1892	2.600	587.6	0.1896			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H1

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.020	625.2	0.7396
2	0.000		0.7396	0.075	835.4	0.7396
3	0.000		0.7396	0.103	964.4	0.7396
4	0.000	Data	0.7082	0.119	969.3	0.7082
5	0.000	Not	0.6624	0.127	1005.5	0.6624
6	0.000	Required	0.6094	0.130	1019.5	0.6094
7	0.000		0.5558	0.132	1026.9	0.5558
8	0.000		0.5067	0.134	1036.4	0.5067
9	0.000		0.4629	0.142	1077.4	0.4629
10	0.000		0.4248	0.143	1082.4	0.4248
11	0.000		0.3921	0.143	1082.4	0.3921
12	0.000		0.3637	0.143	1082.4	0.3637
13	0.000		0.3391	0.142	1077.4	0.3391
14	0.000		0.3178	0.140	1067.5	0.3178
15	0.000		0.2993	0.136	1048.0	0.2993
16	0.000		0.2834	0.130	1019.5	0.2834
17	0.000		0.2697	0.121	978.2	0.2697
18	0.000		0.2583	0.106	913.4	0.2583
19	0.000		0.2490	0.097	876.8	0.2490
20	0.000		0.2409	0.089	845.5	0.2409
21	0.000		0.2339	0.081	815.4	0.2339
22	0.000		0.2282	0.068	768.9	0.2282
23	0.000		0.2236	0.054	721.7	0.2236
24	0.000		0.2209	0.021	621.2	0.2209
25	0.000		0.2197	0.013	598.7	0.2197

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H2

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.020	625.2	0.7396
2	0.000		0.7396	0.074	831.1	0.7396
3	0.000		0.7396	0.102	959.5	0.7396
4	0.000	Data	0.7085	0.119	969.3	0.7085
5	0.000	Not	0.6625	0.128	1010.2	0.6625
6	0.000	Required	0.6090	0.131	1024.2	0.609
7	0.000		0.5552	0.132	1028.9	0.5552
8	0.000		0.5058	0.135	1043.2	0.5058
9	0.000		0.4617	0.143	1082.4	0.4617
10	0.000		0.4234	0.145	1092.5	0.4234
11	0.000		0.3904	0.145	1092.5	0.3904
12	0.000		0.3617	0.146	1097.5	0.3617
13	0.000		0.3367	0.146	1097.5	0.3367
14	0.000		0.3150	0.145	1092.5	0.3150
15	0.000		0.2962	0.141	1072.5	0.2962
16	0.000		0.2799	0.135	1043.2	0.2799
17	0.000		0.2661	0.125	996.4	0.2661
18	0.000		0.2546	0.110	930.3	0.2546
19	0.000		0.2452	0.100	888.8	0.2452
20	0.000		0.2371	0.091	853.2	0.2371
21	0.000		0.2302	0.083	822.8	0.2302
22	0.000		0.2245	0.069	772.3	0.2245
23	0.000		0.2199	0.055	725.0	0.2199
24	0.000		0.2171	0.021	621.2	0.2171
25	0.000		0.2160	0.014	601.5	0.2160

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H3

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.017	615.1	0.7396
2	0.000		0.7396	0.064	789.1	0.7396
3	0.000		0.7396	0.089	897.7	0.7396
4	0.000	Data	0.7223	0.104	905.2	0.7223
5	0.000	Not	0.6865	0.113	943.1	0.6865
6	0.000	Required	0.6430	0.117	960.5	0.643
7	0.000		0.5963	0.119	969.3	0.5963
8	0.000		0.5495	0.122	982.7	0.5495
9	0.000		0.5055	0.129	1014.8	0.5055
10	0.000		0.4656	0.130	1019.5	0.4656
11	0.000		0.4316	0.128	1010.2	0.4316
12	0.000		0.4025	0.126	1000.9	0.4025
13	0.000		0.3774	0.123	987.3	0.3774
14	0.000		0.3556	0.119	969.3	0.3556
15	0.000		0.3368	0.114	947.4	0.3368
16	0.000		0.3206	0.109	926.0	0.3206
17	0.000		0.3067	0.101	892.9	0.3067
18	0.000		0.2951	0.088	841.7	0.2951
19	0.000		0.2855	0.080	811.7	0.2855
20	0.000		0.2773	0.073	786.4	0.2773
21	0.000		0.2701	0.067	765.4	0.2701
22	0.000		0.2641	0.056	728.3	0.2641
23	0.000		0.2593	0.044	689.8	0.2593
24	0.000		0.2566	0.017	609.9	0.2566
25	0.000		0.2554	0.010	590.4	0.2554

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H4

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.015	608.5	0.7396
2	0.000		0.7396	0.057	760.8	0.7396
3	0.000		0.7396	0.079	852.8	0.7396
4	0.000	Data	0.7355	0.093	861.0	0.7355
5	0.000	Not	0.7070	0.101	892.9	0.707
6	0.000	Required	0.6701	0.106	913.4	0.6701
7	0.000		0.6282	0.108	921.8	0.6282
8	0.000		0.5841	0.111	934.5	0.5841
9	0.000		0.5405	0.118	964.9	0.5405
10	0.000		0.5001	0.119	969.3	0.5001
11	0.000		0.4646	0.117	960.5	0.4646
12	0.000		0.4345	0.115	951.8	0.4345
13	0.000		0.4086	0.112	938.8	0.4086
14	0.000		0.3861	0.108	921.8	0.3861
15	0.000		0.3664	0.104	905.2	0.3664
16	0.000		0.3494	0.099	884.8	0.3494
17	0.000		0.3348	0.091	853.2	0.3348
18	0.000		0.3227	0.080	811.7	0.3227
19	0.000		0.3125	0.073	786.4	0.3125
20	0.000		0.3038	0.067	765.4	0.3038
21	0.000		0.2962	0.061	744.9	0.2962
22	0.000		0.2898	0.051	712.0	0.2898
23	0.000		0.2848	0.040	677.4	0.2848
24	0.000		0.2819	0.015	604.3	0.2819
25	0.000		0.2807	0.009	587.7	0.2807

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H5

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.021	628.6	0.7396
2	0.000		0.7396	0.079	852.8	0.7396
3	0.000		0.7376	0.109	926.0	0.7376
4	0.000	Data	0.7008	0.126	1000.9	0.7008
5	0.000	Not	0.6499	0.133	1033.7	0.6499
6	0.000	Required	0.5928	0.136	1048.0	0.5928
7	0.000		0.5371	0.137	1052.9	0.5371
8	0.000		0.4875	0.139	1062.6	0.4875
9	0.000		0.4442	0.148	1107.7	0.4442
10	0.000		0.4066	0.150	1118.0	0.4066
11	0.000		0.3741	0.152	1128.4	0.3741
12	0.000		0.3458	0.154	1138.9	0.3458
13	0.000		0.3211	0.156	1149.5	0.3211
14	0.000		0.2995	0.156	1149.5	0.2995
15	0.000		0.2806	0.153	1133.6	0.2806
16	0.000		0.2643	0.148	1107.7	0.2643
17	0.000		0.2502	0.141	1072.5	0.2502
18	0.000		0.2384	0.126	1000.9	0.2384
19	0.000		0.2285	0.118	964.9	0.2285
20	0.000		0.2199	0.109	926.0	0.2199
21	0.000		0.2124	0.100	888.8	0.2124
22	0.000		0.2063	0.084	826.6	0.2063
23	0.000		0.2015	0.067	765.4	0.2015
24	0.000		0.1986	0.025	632.7	0.1986
25	0.000		0.1975	0.017	609.9	0.1975

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H6

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.022	632.0	0.7396
2	0.000		0.7396	0.083	870.5	0.7396
3	0.000		0.7364	0.114	947.4	0.7364
4	0.000	Data	0.6980	0.131	1024.2	0.698
5	0.000	Not	0.6457	0.137	1052.9	0.6457
6	0.000	Required	0.5883	0.138	1057.7	0.5883
7	0.000		0.5332	0.138	1057.7	0.5332
8	0.000		0.4849	0.139	1062.6	0.4849
9	0.000		0.4430	0.146	1097.5	0.4430
10	0.000		0.4068	0.146	1097.5	0.4068
11	0.000		0.3760	0.144	1087.4	0.3760
12	0.000		0.3497	0.141	1072.5	0.3497
13	0.000		0.3271	0.138	1057.7	0.3271
14	0.000		0.3078	0.134	1038.4	0.3078
15	0.000		0.2910	0.129	1014.8	0.2910
16	0.000		0.2764	0.123	987.3	0.2764
17	0.000		0.2639	0.115	951.8	0.2639
18	0.000		0.2534	0.102	897.0	0.2534
19	0.000		0.2446	0.093	861.0	0.2446
20	0.000		0.2370	0.086	834.1	0.2370
21	0.000		0.2305	0.078	804.4	0.2305
22	0.000		0.2250	0.066	761.9	0.2250
23	0.000		0.2207	0.052	715.2	0.2207
24	0.000		0.2181	0.020	618.4	0.2181
25	0.000		0.2170	0.013	598.7	0.2170

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H7

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.019	621.8	0.7396
2	0.000		0.7396	0.070	814.0	0.7396
3	0.000		0.7396	0.094	921.0	0.7396
4	0.000	Data	0.7173	0.109	926.0	0.7173
5	0.000	Not	0.6788	0.116	956.1	0.6788
6	0.000	Required	0.6329	0.119	969.3	0.6329
7	0.000		0.5846	0.121	978.2	0.5846
8	0.000		0.5376	0.123	987.3	0.5376
9	0.000		0.4943	0.130	1019.5	0.4943
10	0.000		0.4555	0.130	1019.5	0.4555
11	0.000		0.4225	0.129	1014.8	0.4225
12	0.000		0.3942	0.127	1005.5	0.3942
13	0.000		0.3696	0.124	991.8	0.3696
14	0.000		0.3484	0.120	973.8	0.3484
15	0.000		0.3300	0.116	956.1	0.3300
16	0.000		0.3140	0.111	934.5	0.3140
17	0.000		0.3001	0.105	909.3	0.3001
18	0.000		0.2884	0.093	861.0	0.2884
19	0.000		0.2785	0.086	834.1	0.2785
20	0.000		0.2699	0.080	811.7	0.2699
21	0.000		0.2623	0.073	786.4	0.2623
22	0.000		0.2561	0.062	748.3	0.2561
23	0.000		0.2511	0.049	705.6	0.2511
24	0.000		0.2481	0.018	612.7	0.2481
25	0.000		0.2469	0.012	596.0	0.2469

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H8

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.021	628.6	0.7396
2	0.000		0.7396	0.081	861.6	0.7396
3	0.000		0.7378	0.110	930.3	0.7378
4	0.000	Data	0.7016	0.127	1005.5	0.7016
5	0.000	Not	0.6517	0.134	1038.4	0.6517
6	0.000	Required	0.5958	0.136	1048.0	0.5958
7	0.000		0.5411	0.136	1048.0	0.5411
8	0.000		0.4925	0.137	1052.9	0.4925
9	0.000		0.4499	0.145	1092.5	0.4499
10	0.000		0.4131	0.145	1092.5	0.4131
11	0.000		0.3817	0.144	1087.4	0.3817
12	0.000		0.3547	0.141	1072.5	0.3547
13	0.000		0.3316	0.139	1062.6	0.3316
14	0.000		0.3116	0.135	1043.2	0.3116
15	0.000		0.2944	0.130	1019.5	0.2944
16	0.000		0.2795	0.124	991.8	0.2795
17	0.000		0.2667	0.116	956.1	0.2667
18	0.000		0.2560	0.102	897.0	0.2560
19	0.000		0.2471	0.093	861.0	0.2471
20	0.000		0.2394	0.086	834.1	0.2394
21	0.000		0.2328	0.077	800.8	0.2328
22	0.000		0.2273	0.065	758.5	0.2273
23	0.000		0.2230	0.051	712.0	0.2230
24	0.000		0.2204	0.019	615.6	0.2204
25	0.000		0.2194	0.012	596.0	0.2194

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H9

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.020	625.2	0.7396
2	0.000		0.7396	0.077	844.0	0.7396
3	0.000		0.7382	0.106	913.4	0.7382
4	0.000	Data	0.7015	0.125	996.4	0.7015
5	0.000	Not	0.6495	0.136	1048.0	0.6495
6	0.000	Required	0.5898	0.143	1082.4	0.5898
7	0.000		0.5305	0.148	1107.7	0.5305
8	0.000		0.4777	0.152	1128.4	0.4777
9	0.000		0.4320	0.162	1181.8	0.4320
10	0.000		0.3929	0.162	1181.8	0.3929
11	0.000		0.3599	0.161	1176.4	0.3599
12	0.000		0.3322	0.158	1160.2	0.3322
13	0.000		0.3088	0.156	1149.5	0.3088
14	0.000		0.2886	0.153	1133.6	0.2886
15	0.000		0.2711	0.149	1112.8	0.2711
16	0.000		0.2559	0.146	1097.5	0.2559
17	0.000		0.2425	0.141	1072.5	0.2425
18	0.000		0.2310	0.131	1024.2	0.2310
19	0.000		0.2210	0.127	1005.5	0.2210
20	0.000		0.2121	0.122	982.7	0.2121
21	0.000		0.2042	0.113	943.1	0.2042
22	0.000		0.1976	0.096	872.8	0.1976
23	0.000		0.1924	0.077	800.8	0.1924
24	0.000		0.1894	0.029	644.4	0.1894
25	0.000		0.1880	0.019	615.6	0.1880

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H10

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.020	625.2	0.7396
2	0.000		0.7396	0.076	839.7	0.7396
3	0.000		0.7396	0.104	969.3	0.7396
4	0.000	Data	0.7073	0.120	973.8	0.7073
5	0.000	Not	0.6609	0.128	1010.2	0.6609
6	0.000	Required	0.6074	0.131	1024.2	0.6074
7	0.000		0.5537	0.132	1028.9	0.5537
8	0.000		0.5047	0.134	1038.4	0.5047
9	0.000		0.4612	0.142	1077.4	0.4612
10	0.000		0.4233	0.143	1082.4	0.4233
11	0.000		0.3908	0.143	1082.4	0.3908
12	0.000		0.3625	0.143	1082.4	0.3625
13	0.000		0.3380	0.143	1082.4	0.3380
14	0.000		0.3166	0.141	1072.5	0.3166
15	0.000		0.2981	0.138	1057.7	0.2981
16	0.000		0.2819	0.133	1033.7	0.2819
17	0.000		0.2680	0.125	996.4	0.2680
18	0.000		0.2563	0.112	938.8	0.2563
19	0.000		0.2465	0.103	901.0	0.2465
20	0.000		0.2381	0.095	868.9	0.2381
21	0.000		0.2308	0.086	834.1	0.2308
22	0.000		0.2248	0.072	782.9	0.2248
23	0.000		0.2201	0.057	731.6	0.2201
24	0.000		0.2173	0.022	624.1	0.2173
25	0.000		0.2162	0.014	601.5	0.2162

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H11

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.018	618.5	0.7396
2	0.000		0.7396	0.068	805.6	0.7396
3	0.000		0.7396	0.093	916.3	0.7396
4	0.000	Data	0.7183	0.108	921.8	0.7183
5	0.000	Not	0.6799	0.116	956.1	0.6799
6	0.000	Required	0.6339	0.120	973.8	0.6339
7	0.000		0.5850	0.123	987.3	0.5850
8	0.000		0.5373	0.125	996.4	0.5373
9	0.000		0.4930	0.133	1033.7	0.4930
10	0.000		0.4535	0.134	1038.4	0.4535
11	0.000		0.4200	0.133	1033.7	0.4200
12	0.000		0.3912	0.131	1024.2	0.3912
13	0.000		0.3661	0.128	1010.2	0.3661
14	0.000		0.3444	0.125	996.4	0.3444
15	0.000		0.3257	0.120	973.8	0.3257
16	0.000		0.3095	0.115	951.8	0.3095
17	0.000		0.2955	0.107	917.6	0.2955
18	0.000		0.2839	0.094	864.9	0.2839
19	0.000		0.2742	0.086	834.1	0.2742
20	0.000		0.2659	0.080	811.7	0.2659
21	0.000		0.2586	0.072	782.9	0.2586
22	0.000		0.2525	0.061	744.9	0.2525
23	0.000		0.2477	0.049	705.6	0.2477
24	0.000		0.2448	0.018	612.7	0.2448
25	0.000		0.2437	0.011	593.2	0.2437

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H12

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU) 0.00 Cy 8	Fuel Temp. (K) 0.00 Cy 8	Mod. Dens. (g/cm ³) 0.00 Cy 8	Burnup (GWd/MTU) 3.67 Cy 8	Fuel Temp. (K) 3.67 Cy 8	Mod. Dens. (g/cm ³) 3.67 Cy 8
1	0.000		0.7396	0.022	632.0	0.7396
2	0.000		0.7396	0.085	879.5	0.7396
3	0.000		0.7355	0.116	956.1	0.7355
4	0.000	Data	0.6959	0.133	1033.7	0.6959
5	0.000	Not	0.6426	0.139	1062.6	0.6426
6	0.000	Required	0.5846	0.140	1067.5	0.5846
7	0.000		0.5294	0.139	1062.6	0.5294
8	0.000		0.4813	0.140	1067.5	0.4813
9	0.000		0.4396	0.147	1102.6	0.4396
10	0.000		0.4037	0.147	1102.6	0.4037
11	0.000		0.3731	0.145	1092.5	0.3731
12	0.000		0.3469	0.143	1082.4	0.3469
13	0.000		0.3244	0.140	1067.5	0.3244
14	0.000		0.3050	0.136	1048.0	0.3050
15	0.000		0.2883	0.131	1024.2	0.2883
16	0.000		0.2738	0.125	996.4	0.2738
17	0.000		0.2613	0.117	960.5	0.2613
18	0.000		0.2507	0.104	905.2	0.2507
19	0.000		0.2420	0.096	872.8	0.2420
20	0.000		0.2344	0.088	841.7	0.2344
21	0.000		0.2278	0.080	811.7	0.2278
22	0.000		0.2223	0.067	765.4	0.2223
23	0.000		0.2179	0.053	718.5	0.2179
24	0.000		0.2154	0.020	618.4	0.2154
25	0.000		0.2143	0.013	598.7	0.2143

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H13

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7398	0.021	628.6	0.7396
2	0.000		0.7396	0.078	848.4	0.7396
3	0.000		0.7387	0.107	917.6	0.7387
4	0.000	Data	0.7035	0.124	991.8	0.7035
5	0.000	Not	0.6543	0.132	1028.9	0.6543
6	0.000	Required	0.5984	0.135	1043.2	0.5984
7	0.000		0.5432	0.136	1048.0	0.5432
8	0.000		0.4937	0.138	1057.7	0.4937
9	0.000		0.4502	0.147	1102.6	0.4502
10	0.000		0.4125	0.148	1107.7	0.4125
11	0.000		0.3800	0.149	1112.8	0.3800
12	0.000		0.3519	0.149	1112.8	0.3519
13	0.000		0.3277	0.148	1107.7	0.3277
14	0.000		0.3066	0.147	1102.6	0.3066
15	0.000		0.2883	0.143	1082.4	0.2883
16	0.000		0.2725	0.137	1052.9	0.2725
17	0.000		0.2590	0.128	1010.2	0.2590
18	0.000		0.2477	0.112	938.8	0.2477
19	0.000		0.2384	0.103	901.0	0.2384
20	0.000		0.2305	0.094	864.9	0.2305
21	0.000		0.2237	0.085	830.3	0.2237
22	0.000		0.2180	0.072	782.9	0.2180
23	0.000		0.2135	0.057	731.6	0.2135
24	0.000		0.2108	0.022	624.1	0.2108
25	0.000		0.2097	0.014	601.5	0.2097

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H14

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.019	621.8	0.7396
2	0.000		0.7396	0.071	818.3	0.7396
3	0.000		0.7396	0.098	940.1	0.7396
4	0.000	Data	0.7144	0.114	947.4	0.7144
5	0.000	Not	0.6728	0.122	982.7	0.6728
6	0.000	Required	0.6237	0.125	996.4	0.6237
7	0.000		0.5730	0.126	1000.9	0.5730
8	0.000		0.5250	0.128	1010.2	0.5250
9	0.000		0.4815	0.135	1043.2	0.4815
10	0.000		0.4429	0.136	1048.0	0.4429
11	0.000		0.4103	0.134	1038.4	0.4103
12	0.000		0.3824	0.131	1024.2	0.3824
13	0.000		0.3582	0.128	1010.2	0.3582
14	0.000		0.3374	0.124	991.8	0.3374
15	0.000		0.3194	0.119	969.3	0.3194
16	0.000		0.3039	0.113	943.1	0.3039
17	0.000		0.2907	0.105	909.3	0.2907
18	0.000		0.2796	0.092	857.1	0.2796
19	0.000		0.2704	0.083	822.8	0.2704
20	0.000		0.2626	0.076	797.2	0.2626
21	0.000		0.2557	0.069	772.3	0.2557
22	0.000		0.2500	0.058	734.9	0.2500
23	0.000		0.2455	0.046	696.1	0.2455
24	0.000		0.2428	0.017	609.9	0.2428
25	0.000		0.2417	0.011	593.2	0.2417

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H15

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.022	632.0	0.7396
2	0.000		0.7396	0.085	879.5	0.7396
3	0.000		0.7348	0.117	960.5	0.7348
4	0.000	Data	0.6941	0.134	1038.4	0.6941
5	0.000	Not	0.6395	0.140	1067.5	0.6395
6	0.000	Required	0.5804	0.141	1072.5	0.5804
7	0.000		0.5246	0.141	1072.5	0.5246
8	0.000		0.4762	0.142	1077.4	0.4762
9	0.000		0.4345	0.149	1112.8	0.4345
10	0.000		0.3985	0.150	1118.0	0.3985
11	0.000		0.3676	0.149	1112.8	0.3676
12	0.000		0.3410	0.148	1107.7	0.3410
13	0.000		0.3181	0.147	1102.6	0.3181
14	0.000		0.2982	0.145	1092.5	0.2982
15	0.000		0.2809	0.141	1072.5	0.2809
16	0.000		0.2659	0.134	1038.4	0.2659
17	0.000		0.2531	0.126	1000.9	0.2531
18	0.000		0.2425	0.111	934.5	0.2425
19	0.000		0.2335	0.102	897.0	0.2335
20	0.000		0.2259	0.093	861.0	0.2259
21	0.000		0.2193	0.084	826.6	0.2193
22	0.000		0.2138	0.071	779.4	0.2138
23	0.000		0.2095	0.056	728.3	0.2095
24	0.000		0.2069	0.021	621.2	0.2069
25	0.000		0.2059	0.014	601.5	0.2059

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H16

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.023	635.4	0.7396
2	0.000		0.7396	0.086	884.0	0.7396
3	0.000		0.7342	0.118	964.9	0.7342
4	0.000	Data	0.6926	0.135	1043.2	0.6926
5	0.000	Not	0.6369	0.141	1072.5	0.6369
6	0.000	Required	0.5772	0.142	1077.4	0.5772
7	0.000		0.5212	0.141	1072.5	0.5212
8	0.000		0.4729	0.142	1077.4	0.4729
9	0.000		0.4314	0.150	1118.0	0.4314
10	0.000		0.3955	0.150	1118.0	0.3955
11	0.000		0.3646	0.150	1118.0	0.3646
12	0.000		0.3380	0.151	1123.2	0.3380
13	0.000		0.3149	0.151	1123.2	0.3149
14	0.000		0.2948	0.149	1112.8	0.2948
15	0.000		0.2773	0.146	1097.5	0.2773
16	0.000		0.2621	0.140	1067.5	0.2621
17	0.000		0.2491	0.131	1024.2	0.2491
18	0.000		0.2382	0.116	956.1	0.2382
19	0.000		0.2291	0.107	917.6	0.2291
20	0.000		0.2213	0.098	880.8	0.2213
21	0.000		0.2146	0.088	841.7	0.2146
22	0.000		0.2091	0.074	790.0	0.2091
23	0.000		0.2048	0.059	738.2	0.2048
24	0.000		0.2022	0.022	624.1	0.2022
25	0.000		0.2011	0.014	601.5	0.2011

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H17

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU) 0.00 Cy 8	Fuel Temp. (K) 0.00 Cy 8	Mod. Dens. (g/cm ³) 0.00 Cy 8	Burnup (GWd/MTU) 3.67 Cy 8	Fuel Temp. (K) 3.67 Cy 8	Mod. Dens. (g/cm ³) 3.67 Cy 8
1	0.000		0.7396	0.019	621.8	0.7396
2	0.000		0.7396	0.074	831.1	0.7396
3	0.000		0.7396	0.102	959.5	0.7396
4	0.000	Data	0.7101	0.119	969.3	0.7101
5	0.000	Not	0.6652	0.127	1005.5	0.6652
6	0.000	Required	0.6130	0.130	1019.5	0.613
7	0.000		0.5600	0.131	1024.2	0.5600
8	0.000		0.5111	0.133	1033.7	0.5111
9	0.000		0.4673	0.141	1072.5	0.4673
10	0.000		0.4290	0.142	1077.4	0.4290
11	0.000		0.3966	0.140	1067.5	0.3966
12	0.000		0.3686	0.138	1057.7	0.3686
13	0.000		0.3445	0.135	1043.2	0.3445
14	0.000		0.3239	0.132	1028.9	0.3239
15	0.000		0.3060	0.127	1005.5	0.3060
16	0.000		0.2907	0.120	973.8	0.2907
17	0.000		0.2775	0.111	934.5	0.2775
18	0.000		0.2666	0.097	876.8	0.2666
19	0.000		0.2576	0.088	841.7	0.2576
20	0.000		0.2498	0.081	815.4	0.2498
21	0.000		0.2432	0.073	786.4	0.2432
22	0.000		0.2376	0.062	748.3	0.2376
23	0.000		0.2332	0.049	705.6	0.2332
24	0.000		0.2306	0.018	612.7	0.2306
25	0.000		0.2294	0.012	596.0	0.2294

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H18

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.019	621.8	0.7396
2	0.000		0.7396	0.074	831.1	0.7396
3	0.000		0.7390	0.103	901.0	0.7390
4	0.000	Data	0.7033	0.123	987.3	0.7033
5	0.000	Not	0.6519	0.135	1043.2	0.6519
6	0.000	Required	0.5917	0.143	1082.4	0.5917
7	0.000		0.5314	0.149	1112.8	0.5314
8	0.000		0.4774	0.155	1144.2	0.4774
9	0.000		0.4305	0.165	1198.4	0.4305
10	0.000		0.3906	0.166	1203.9	0.3906
11	0.000		0.3570	0.165	1198.4	0.3570
12	0.000		0.3287	0.163	1187.3	0.3287
13	0.000		0.3047	0.162	1181.8	0.3047
14	0.000		0.2839	0.163	1187.3	0.2839
15	0.000		0.2654	0.165	1198.4	0.2654
16	0.000		0.2489	0.164	1192.8	0.2489
17	0.000		0.2346	0.159	1165.5	0.2346
18	0.000		0.2224	0.144	1087.4	0.2224
19	0.000		0.2122	0.134	1038.4	0.2122
20	0.000		0.2034	0.125	996.4	0.2034
21	0.000		0.1959	0.114	947.4	0.1959
22	0.000		0.1896	0.097	876.8	0.1896
23	0.000		0.1847	0.079	808.1	0.1847
24	0.000		0.1817	0.030	647.3	0.1817
25	0.000		0.1805	0.020	618.4	0.1805

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly J1

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.018	618.3	0.7396
2	0.000		0.7396	0.065	792.4	0.7396
3	0.000		0.7396	0.089	896.5	0.7396
4	0.000	Data	0.7198	0.105	908.0	0.7198
5	0.000	Not	0.6819	0.114	945.9	0.6819
6	0.000	Required	0.6362	0.118	963.3	0.6362
7	0.000		0.5875	0.120	972.2	0.5875
8	0.000		0.5395	0.123	985.6	0.5395
9	0.000		0.4949	0.132	1027.1	0.4949
10	0.000		0.4547	0.134	1036.5	0.4547
11	0.000		0.4200	0.137	1050.9	0.4200
12	0.000		0.3895	0.140	1065.5	0.3895
13	0.000		0.3622	0.143	1080.3	0.3622
14	0.000		0.3379	0.145	1090.3	0.3379
15	0.000		0.3167	0.142	1075.3	0.3167
16	0.000		0.2985	0.136	1046.1	0.2985
17	0.000		0.2829	0.128	1008.4	0.2829
18	0.000		0.2700	0.113	941.6	0.2700
19	0.000		0.2593	0.104	903.9	0.2593
20	0.000		0.2502	0.095	867.7	0.2502
21	0.000		0.2425	0.085	829.4	0.2425
22	0.000		0.2361	0.071	778.6	0.2361
23	0.000		0.2311	0.057	731.0	0.2311
24	0.000		0.2280	0.023	626.8	0.2280
25	0.000		0.2267	0.015	604.2	0.2267

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly J2

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.018	618.3	0.7396
2	0.000		0.7396	0.064	788.3	0.7396
3	0.000		0.7396	0.088	891.9	0.7396
4	0.000	Data	0.7202	0.104	903.9	0.7202
5	0.000	Not	0.6829	0.112	937.4	0.6829
6	0.000	Required	0.6374	0.117	959.0	0.6374
7	0.000		0.5886	0.120	972.2	0.5886
8	0.000		0.5404	0.124	990.1	0.5404
9	0.000		0.4955	0.132	1027.1	0.4955
10	0.000		0.4551	0.134	1036.5	0.4551
11	0.000		0.4202	0.137	1050.9	0.4202
12	0.000		0.3895	0.140	1065.5	0.3895
13	0.000		0.3620	0.144	1085.3	0.3620
14	0.000		0.3376	0.145	1090.3	0.3376
15	0.000		0.3161	0.144	1085.3	0.3161
16	0.000		0.2975	0.140	1065.5	0.2975
17	0.000		0.2815	0.134	1036.5	0.2815
18	0.000		0.2678	0.122	981.1	0.2678
19	0.000		0.2563	0.115	950.3	0.2563
20	0.000		0.2463	0.108	920.5	0.2463
21	0.000		0.2377	0.097	875.6	0.2377
22	0.000		0.2307	0.082	818.2	0.2307
23	0.000		0.2252	0.065	757.8	0.2252
24	0.000		0.2218	0.026	635.4	0.2218
25	0.000		0.2204	0.018	612.6	0.2204

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly J3

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU) 0.00 Cy 8	Fuel Temp. (K) 0.00 Cy 8	Mod. Dens. (g/cm ³) 0.00 Cy 8	Burnup (GWd/MTU) 3.67 Cy 8	Fuel Temp. (K) 3.67 Cy 8	Mod. Dens. (g/cm ³) 3.67 Cy 8
1	0.000		0.7396	0.020	625.0	0.7396
2	0.000		0.7396	0.070	813.2	0.7396
3	0.000		0.7396	0.095	924.4	0.7396
4	0.000	Data	0.7143	0.111	933.1	0.7143
5	0.000	Not	0.6728	0.119	967.8	0.6728
6	0.000	Required	0.6235	0.124	990.1	0.6235
7	0.000		0.5721	0.126	999.2	0.5721
8	0.000		0.5233	0.129	1013.0	0.5233
9	0.000		0.4788	0.137	1050.9	0.4788
10	0.000		0.4394	0.139	1060.6	0.4394
11	0.000		0.4056	0.141	1070.4	0.4056
12	0.000		0.3760	0.142	1075.3	0.3760
13	0.000		0.3501	0.142	1075.3	0.3501
14	0.000		0.3275	0.142	1075.3	0.3275
15	0.000		0.3078	0.139	1060.6	0.3078
16	0.000		0.2908	0.133	1031.8	0.2908
17	0.000		0.2761	0.126	999.2	0.2761
18	0.000		0.2638	0.112	937.4	0.2638
19	0.000		0.2536	0.103	899.8	0.2536
20	0.000		0.2448	0.095	867.7	0.2448
21	0.000		0.2372	0.085	829.4	0.2372
22	0.000		0.2311	0.071	778.6	0.2311
23	0.000		0.2262	0.057	731.0	0.2262
24	0.000		0.2232	0.023	626.8	0.2232
25	0.000		0.2219	0.016	607.0	0.2219

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly J4

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.020	625.0	0.7396
2	0.000		0.7396	0.070	813.2	0.7396
3	0.000		0.7396	0.097	933.9	0.7396
4	0.000	Data	0.7125	0.114	945.9	0.7125
5	0.000	Not	0.6692	0.123	985.6	0.6692
6	0.000	Required	0.6175	0.129	1013.0	0.6175
7	0.000		0.5637	0.132	1027.1	0.5637
8	0.000		0.5132	0.135	1041.3	0.5132
9	0.000		0.4679	0.144	1085.3	0.4679
10	0.000		0.4284	0.145	1090.3	0.4284
11	0.000		0.3948	0.145	1090.3	0.3948
12	0.000		0.3658	0.144	1085.3	0.3658
13	0.000		0.3408	0.143	1080.3	0.3408
14	0.000		0.3192	0.141	1070.4	0.3192
15	0.000		0.3003	0.138	1055.7	0.3003
16	0.000		0.2839	0.133	1031.8	0.2839
17	0.000		0.2697	0.127	1003.8	0.2697
18	0.000		0.2576	0.116	954.6	0.2576
19	0.000		0.2474	0.108	920.5	0.2474
20	0.000		0.2385	0.100	887.6	0.2385
21	0.000		0.2309	0.090	848.3	0.2309
22	0.000		0.2247	0.075	792.8	0.2247
23	0.000		0.2197	0.060	741.0	0.2197
24	0.000		0.2168	0.024	629.6	0.2168
25	0.000		0.2155	0.016	607.0	0.2155

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly J5

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.018	618.3	0.7396
2	0.000		0.7396	0.062	780.2	0.7396
3	0.000		0.7396	0.086	882.9	0.7396
4	0.000	Data	0.7205	0.103	899.8	0.7205
5	0.000	Not	0.6823	0.115	950.3	0.6823
6	0.000	Required	0.6340	0.125	994.6	0.634
7	0.000		0.5802	0.134	1036.5	0.5802
8	0.000		0.5264	0.142	1075.3	0.5264
9	0.000		0.4767	0.152	1126.0	0.4767
10	0.000		0.4335	0.153	1131.2	0.4335
11	0.000		0.3975	0.152	1126.0	0.3975
12	0.000		0.3668	0.150	1115.7	0.3668
13	0.000		0.3407	0.148	1105.4	0.3407
14	0.000		0.3185	0.145	1090.3	0.3185
15	0.000		0.2993	0.141	1070.4	0.2993
16	0.000		0.2826	0.137	1050.9	0.2826
17	0.000		0.2682	0.130	1017.7	0.2682
18	0.000		0.2559	0.119	967.8	0.2559
19	0.000		0.2455	0.111	933.1	0.2455
20	0.000		0.2365	0.103	899.8	0.2365
21	0.000		0.2287	0.093	859.9	0.2287
22	0.000		0.2223	0.079	807.2	0.2223
23	0.000		0.2173	0.063	751.0	0.2173
24	0.000		0.2142	0.026	635.4	0.2142
25	0.000		0.2129	0.017	609.8	0.2129

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly J6

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.021	628.4	0.7396
2	0.000		0.7396	0.072	821.6	0.7396
3	0.000		0.7396	0.100	948.3	0.7396
4	0.000	Data	0.7070	0.119	967.8	0.7070
5	0.000	Not	0.6587	0.131	1022.4	0.6587
6	0.000	Required	0.6012	0.139	1060.6	0.6012
7	0.000		0.5421	0.146	1095.3	0.5421
8	0.000		0.4880	0.152	1126.0	0.4880
9	0.000		0.4409	0.162	1179.2	0.4409
10	0.000		0.4006	0.162	1179.2	0.4006
11	0.000		0.3667	0.161	1173.8	0.3667
12	0.000		0.3381	0.159	1163.0	0.3381
13	0.000		0.3140	0.156	1147.0	0.3140
14	0.000		0.2932	0.154	1136.4	0.2932
15	0.000		0.2752	0.152	1126.0	0.2752
16	0.000		0.2594	0.148	1105.4	0.2594
17	0.000		0.2456	0.143	1080.3	0.2456
18	0.000		0.2339	0.131	1022.4	0.2339
19	0.000		0.2238	0.124	990.1	0.2238
20	0.000		0.2150	0.116	954.6	0.2150
21	0.000		0.2075	0.104	903.9	0.2075
22	0.000		0.2013	0.089	844.5	0.2013
23	0.000		0.1964	0.071	778.6	0.1964
24	0.000		0.1934	0.029	644.1	0.1934
25	0.000		0.1920	0.020	618.2	0.1920

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly J7

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.019	621.6	0.7396
2	0.000		0.7396	0.065	792.4	0.7396
3	0.000		0.7396	0.090	901.1	0.7396
4	0.000	Data	0.7196	0.106	912.1	0.7196
5	0.000	Not	0.6818	0.114	945.9	0.6818
6	0.000	Required	0.6362	0.118	963.3	0.6362
7	0.000		0.5877	0.120	972.2	0.5877
8	0.000		0.5401	0.123	985.6	0.5401
9	0.000		0.4958	0.131	1022.4	0.4958
10	0.000		0.4558	0.133	1031.8	0.4558
11	0.000		0.4215	0.135	1041.3	0.4215
12	0.000		0.3912	0.138	1055.7	0.3912
13	0.000		0.3641	0.141	1070.4	0.3641
14	0.000		0.3400	0.142	1075.3	0.3400
15	0.000		0.3190	0.139	1060.6	0.3190
16	0.000		0.3009	0.134	1036.5	0.3009
17	0.000		0.2855	0.125	994.6	0.2855
18	0.000		0.2728	0.111	933.1	0.2728
19	0.000		0.2621	0.101	891.7	0.2621
20	0.000		0.2531	0.093	859.9	0.2531
21	0.000		0.2455	0.082	818.2	0.2455
22	0.000		0.2391	0.069	771.6	0.2391
23	0.000		0.2342	0.055	724.4	0.2342
24	0.000		0.2312	0.022	623.9	0.2312
25	0.000		0.2299	0.015	604.2	0.2299

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly J8

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.020	625.0	0.7396
2	0.000		0.7396	0.070	813.2	0.7396
3	0.000		0.7396	0.097	933.9	0.7396
4	0.000	Data	0.7125	0.114	945.9	0.7125
5	0.000	Not	0.6689	0.123	985.6	0.6689
6	0.000	Required	0.6169	0.129	1013.0	0.6169
7	0.000		0.5628	0.133	1031.8	0.5628
8	0.000		0.5119	0.136	1046.1	0.5119
9	0.000		0.4663	0.145	1090.3	0.4663
10	0.000		0.4266	0.147	1100.4	0.4266
11	0.000		0.3928	0.147	1100.4	0.3928
12	0.000		0.3637	0.146	1095.3	0.3637
13	0.000		0.3386	0.145	1090.3	0.3386
14	0.000		0.3169	0.143	1080.3	0.3169
15	0.000		0.2980	0.140	1065.5	0.2980
16	0.000		0.2815	0.136	1046.1	0.2815
17	0.000		0.2671	0.131	1022.4	0.2671
18	0.000		0.2548	0.121	976.6	0.2548
19	0.000		0.2442	0.115	950.3	0.2442
20	0.000		0.2349	0.108	920.5	0.2349
21	0.000		0.2269	0.098	879.6	0.2269
22	0.000		0.2202	0.083	821.9	0.2202
23	0.000		0.2150	0.066	761.3	0.2150
24	0.000		0.2119	0.027	638.3	0.2119
25	0.000		0.2105	0.018	612.6	0.2105

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly J9

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.019	621.6	0.7396
2	0.000		0.7396	0.066	796.5	0.7396
3	0.000		0.7396	0.090	901.1	0.7396
4	0.000	Data	0.7189	0.106	912.1	0.7189
5	0.000	Not	0.6808	0.114	945.9	0.6808
6	0.000	Required	0.6347	0.118	963.3	0.6347
7	0.000		0.5856	0.121	976.6	0.5856
8	0.000		0.5376	0.124	990.1	0.5376
9	0.000		0.4931	0.132	1027.1	0.4931
10	0.000		0.4531	0.134	1036.5	0.4531
11	0.000		0.4188	0.136	1046.1	0.4188
12	0.000		0.3886	0.139	1060.6	0.3886
13	0.000		0.3615	0.142	1075.3	0.3615
14	0.000		0.3374	0.143	1080.3	0.3374
15	0.000		0.3164	0.141	1070.4	0.3164
16	0.000		0.2981	0.137	1050.9	0.2981
17	0.000		0.2825	0.130	1017.7	0.2825
18	0.000		0.2692	0.118	963.3	0.2692
19	0.000		0.2581	0.109	924.7	0.2581
20	0.000		0.2486	0.101	891.7	0.2486
21	0.000		0.2404	0.090	848.3	0.2404
22	0.000		0.2337	0.076	796.4	0.2337
23	0.000		0.2285	0.060	741.0	0.2285
24	0.000		0.2253	0.024	629.6	0.2253
25	0.000		0.2240	0.016	607.0	0.2240

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly J10

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.023	635.2	0.7396
2	0.000		0.7396	0.079	851.7	0.7396
3	0.000		0.7388	0.107	916.3	0.7388
4	0.000	Data	0.7042	0.124	990.1	0.7042
5	0.000	Not	0.6561	0.131	1022.4	0.6561
6	0.000	Required	0.6017	0.133	1031.8	0.6017
7	0.000		0.5480	0.133	1031.8	0.5480
8	0.000		0.4997	0.134	1036.5	0.4997
9	0.000		0.4572	0.141	1070.4	0.4572
10	0.000		0.4205	0.141	1070.4	0.4205
11	0.000		0.3891	0.140	1065.5	0.3891
12	0.000		0.3620	0.138	1055.7	0.3620
13	0.000		0.3386	0.136	1046.1	0.3386
14	0.000		0.3185	0.132	1027.1	0.3185
15	0.000		0.3009	0.128	1008.4	0.3009
16	0.000		0.2858	0.122	981.1	0.2858
17	0.000		0.2728	0.115	950.3	0.2728
18	0.000		0.2617	0.102	895.7	0.2617
19	0.000		0.2525	0.094	863.8	0.2525
20	0.000		0.2446	0.086	833.1	0.2446
21	0.000		0.2377	0.076	796.4	0.2377
22	0.000		0.2321	0.064	754.4	0.2321
23	0.000		0.2277	0.051	711.5	0.2277
24	0.000		0.2250	0.021	621.1	0.2250
25	0.000		0.2238	0.014	601.4	0.2238

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly J11

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU) 0.00 Cy 8	Fuel Temp. (K) 0.00 Cy 8	Mod. Dens. (g/cm ³) 0.00 Cy 8	Burnup (GWd/MTU) 3.67 Cy 8	Fuel Temp. (K) 3.67 Cy 8	Mod. Dens. (g/cm ³) 3.67 Cy 8
1	0.000		0.7396	0.020	625.0	0.7396
2	0.000		0.7396	0.068	804.8	0.7396
3	0.000		0.7396	0.093	915.0	0.7396
4	0.000	Data	0.7177	0.108	920.5	0.7177
5	0.000	Not	0.6791	0.116	954.6	0.6791
6	0.000	Required	0.6330	0.120	972.2	0.633
7	0.000		0.5843	0.121	976.6	0.5843
8	0.000		0.5370	0.123	985.6	0.5370
9	0.000		0.4934	0.131	1022.4	0.4934
10	0.000		0.4544	0.132	1027.1	0.4544
11	0.000		0.4211	0.131	1022.4	0.4211
12	0.000		0.3923	0.130	1017.7	0.3923
13	0.000		0.3672	0.128	1008.4	0.3672
14	0.000		0.3454	0.125	994.6	0.3454
15	0.000		0.3264	0.122	981.1	0.3264
16	0.000		0.3099	0.117	959.0	0.3099
17	0.000		0.2957	0.110	928.9	0.2957
18	0.000		0.2837	0.098	879.6	0.2837
19	0.000		0.2736	0.090	848.3	0.2736
20	0.000		0.2649	0.083	821.9	0.2649
21	0.000		0.2575	0.074	789.2	0.2575
22	0.000		0.2513	0.062	747.7	0.2513
23	0.000		0.2465	0.049	705.1	0.2465
24	0.000		0.2436	0.020	618.2	0.2436
25	0.000		0.2422	0.013	598.6	0.2422

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly J12

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.018	618.3	0.7396
2	0.000		0.7396	0.065	792.4	0.7396
3	0.000		0.7396	0.090	901.1	0.7396
4	0.000	Data	0.7167	0.108	920.5	0.7167
5	0.000	Not	0.6755	0.119	967.8	0.6755
6	0.000	Required	0.6241	0.130	1017.7	0.6241
7	0.000		0.5680	0.139	1060.6	0.5680
8	0.000		0.5134	0.146	1095.3	0.5134
9	0.000		0.4641	0.157	1152.3	0.4641
10	0.000		0.4218	0.157	1152.3	0.4218
11	0.000		0.3863	0.156	1147.0	0.3863
12	0.000		0.3562	0.154	1136.4	0.3562
13	0.000		0.3308	0.151	1120.8	0.3308
14	0.000		0.3090	0.148	1105.4	0.3090
15	0.000		0.2903	0.145	1090.3	0.2903
16	0.000		0.2739	0.140	1065.5	0.2739
17	0.000		0.2598	0.135	1041.3	0.2598
18	0.000		0.2477	0.124	990.1	0.2477
19	0.000		0.2372	0.118	963.3	0.2372
20	0.000		0.2281	0.111	933.1	0.2281
21	0.000		0.2202	0.100	887.6	0.2202
22	0.000		0.2137	0.085	829.4	0.2137
23	0.000		0.2086	0.068	768.1	0.2086
24	0.000		0.2055	0.028	641.2	0.2055
25	0.000		0.2041	0.019	615.4	0.2041

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly J13

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.019	621.6	0.7396
2	0.000		0.7396	0.066	796.5	0.7396
3	0.000		0.7396	0.090	901.1	0.7396
4	0.000	Data	0.7186	0.106	912.1	0.7186
5	0.000	Not	0.6800	0.114	945.9	0.6800
6	0.000	Required	0.6334	0.119	967.8	0.6334
7	0.000		0.5838	0.122	981.1	0.5838
8	0.000		0.5354	0.125	994.6	0.5354
9	0.000		0.4905	0.134	1036.5	0.4905
10	0.000		0.4503	0.136	1046.1	0.4503
11	0.000		0.4159	0.137	1050.9	0.4159
12	0.000		0.3858	0.139	1060.6	0.3858
13	0.000		0.3592	0.140	1065.5	0.3592
14	0.000		0.3359	0.139	1060.6	0.3359
15	0.000		0.3155	0.137	1050.9	0.3155
16	0.000		0.2977	0.134	1036.5	0.2977
17	0.000		0.2822	0.129	1013.0	0.2822
18	0.000		0.2689	0.121	976.6	0.2689
19	0.000		0.2573	0.117	959.0	0.2573
20	0.000		0.2469	0.112	937.4	0.2469
21	0.000		0.2380	0.101	891.7	0.2380
22	0.000		0.2306	0.086	833.1	0.2306
23	0.000		0.2248	0.068	768.1	0.2248
24	0.000		0.2214	0.028	641.2	0.2214
25	0.000		0.2198	0.018	612.6	0.2198

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly A1

		Datapoint 1 (BOC Cy 4)			Datapoint 2 (208.6 EFPD Cy 4)			Datapoint 3 (BOC Cy 5)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 4	0.00 Cy 4	0.00 Cy 4	208.6 Cy 4	208.6 Cy 4	208.6 Cy 4	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	
1	0.000		0.7396	1.138	625.7	0.7396	2.348	648.5	0.7396	
2	0.000		0.7114	5.303	880.5	0.7285	11.025	1030.2	0.7191	
3	0.000		0.5096	8.046	1080.4	0.5776	15.483	1196.5	0.5460	
4	0.000	Data	0.3693	8.975	1165.0	0.4124	16.395	1194.6	0.3890	
5	0.000	Not	0.3046	8.508	1121.4	0.3271	15.843	1184.1	0.3089	
6	0.000	Required	0.2659	7.694	1049.4	0.2740	14.752	1151.2	0.2575	
7	0.000		0.2424	6.420	946.2	0.2399	12.433	1034.8	0.2238	
8	0.000		0.2272	5.025	846.2	0.2172	9.571	893.0	0.2021	
9	0.000		0.2211	2.032	665.1	0.2074	3.882	680.4	0.1930	
10	0.000		0.2199	1.275	625.7	0.2057	2.411	633.2	0.1915	
		Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	
1	3.826	634.7	0.7396	4.920	617.6	0.7396	6.576	663.9	0.7396	
2	17.892	931.7	0.7206	22.522	805.6	0.7238	28.912	998.1	0.7223	
3	23.710	1004.9	0.5562	29.448	861.4	0.5743	36.381	1022.1	0.5714	
4	24.840	1020.5	0.4042	31.340	911.1	0.4298	38.154	1011.7	0.4286	
5	24.107	1007.5	0.3247	31.059	942.1	0.3505	37.508	980.2	0.3505	
6	22.618	979.5	0.2733	29.893	964.9	0.2975	35.818	937.1	0.2983	
7	19.371	917.9	0.2389	26.586	960.6	0.2615	31.798	881.5	0.2625	
8	14.390	792.2	0.2152	20.012	855.1	0.2352	23.936	790.4	0.2368	
9	5.618	637.8	0.2051	7.729	659.9	0.2235	9.205	640.8	0.2254	
10	3.403	605.1	0.2029	4.588	616.2	0.2201	5.417	606.0	0.2222	

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly A1 (Continued)

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	7.566	661.5	0.7396	8.240	601.5	0.7396	8.517	588.9	0.7396	
2	32.470	948.5	0.7223	34.751	694.4	0.7240	35.646	648.0	0.7246	
3	40.215	965.1	0.5726	43.233	734.0	0.5840	44.443	675.4	0.5887	
4	41.957	961.0	0.4307	45.604	774.8	0.4495	47.202	715.1	0.4589	
5	41.247	952.3	0.3529	45.040	784.6	0.3725	46.897	742.8	0.3842	
6	39.468	940.4	0.3006	43.140	776.5	0.3187	45.162	761.1	0.3310	
7	35.231	912.3	0.2647	38.578	755.0	0.2815	40.620	763.3	0.2938	
8	26.585	818.5	0.2389	29.049	699.8	0.2543	30.680	719.0	0.2659	
9	10.220	651.0	0.2275	11.078	608.2	0.2414	11.667	616.0	0.2520	
10	5.986	611.4	0.2243	6.426	586.0	0.2367	6.725	589.7	0.2461	
		Statepoint 10 (495.2, EOC Cy 7)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7							
1	8.841	580.3	0.7396							
2	36.627	618.0	0.7253							
3	45.695	631.4	0.5933							
4	48.973	661.3	0.4694							
5	49.228	695.1	0.4005							
6	48.090	732.8	0.3524							
7	44.014	763.7	0.3184							
8	33.678	737.6	0.2909							
9	12.789	624.0	0.2753							
10	7.289	593.3	0.2666							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly A2

		Datapoint 1 (BOC Cy 4)			Datapoint 2 (208.6 EFPD Cy 4)			Datapoint 3 (BOC Cy 5)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 4	0.00 Cy 4	0.00 Cy 4	208.6 Cy 4	208.6 Cy 4	208.6 Cy 4	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	
1	0.000		0.7396	1.234	631.5	0.7396	2.242	633.1	0.7396	
2	0.000		0.7147	5.642	905.9	0.7267	10.483	938.3	0.7250	
3	0.000		0.5212	7.961	1072.4	0.5741	14.556	1097.7	0.5658	
4	0.000	Data	0.3835	8.446	1115.6	0.4155	15.199	1115.6	0.4091	
5	0.000	Not	0.3196	7.791	1057.7	0.3346	14.346	1093.2	0.3293	
6	0.000	Required	0.2807	6.822	977.5	0.2846	12.992	1051.1	0.2785	
7	0.000		0.2565	5.596	885.3	0.2523	10.980	970.5	0.2447	
8	0.000		0.2416	4.371	802.8	0.2305	8.544	859.8	0.2221	
9	0.000		0.2354	1.748	650.1	0.2213	3.443	669.9	0.2126	
10	0.000		0.2342	1.090	616.4	0.2197	2.117	626.2	0.2110	
		Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	
1	3.537	625.1	0.7396	4.573	614.5	0.7396	5.818	636.9	0.7396	
2	16.627	883.7	0.7266	21.098	795.8	0.7288	25.936	869.2	0.7293	
3	22.163	961.8	0.5784	27.685	847.8	0.5938	32.954	885.6	0.5996	
4	23.094	981.5	0.4272	29.316	892.6	0.4509	34.619	888.2	0.4598	
5	22.121	973.3	0.3472	28.786	922.2	0.3715	33.953	878.0	0.3804	
6	20.350	945.1	0.2949	27.327	943.8	0.3178	32.253	860.1	0.3264	
7	17.346	881.7	0.2595	24.214	936.3	0.2805	28.757	832.4	0.2888	
8	12.944	769.2	0.2350	18.258	835.9	0.2532	21.797	764.7	0.2614	
9	5.032	631.3	0.2247	7.001	653.0	0.2412	8.311	631.8	0.2492	
10	3.023	601.4	0.2224	4.127	612.5	0.2380	4.848	600.3	0.2457	

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly A2 (Continued)

Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)				
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	6.558	634.7	0.7396	7.375	610.5	0.7396	7.719	595.9	0.7396	
2	28.611	834.2	0.7298	31.566	748.1	0.7310	32.752	684.0	0.7315	
3	35.853	846.6	0.6035	39.668	786.3	0.6131	41.218	710.1	0.6181	
4	37.618	858.5	0.4659	42.195	839.7	0.4807	44.092	747.3	0.4898	
5	36.985	862.4	0.3867	41.802	857.3	0.4009	43.895	769.1	0.4111	
6	35.269	860.5	0.3324	39.957	847.9	0.3449	42.201	786.3	0.3551	
7	31.635	844.1	0.2945	35.898	817.3	0.3055	38.204	793.5	0.3155	
8	24.084	777.8	0.2668	27.202	740.8	0.2765	29.126	750.6	0.2863	
9	9.182	638.0	0.2544	10.269	620.6	0.2633	10.975	626.8	0.2723	
10	5.328	603.7	0.2508	5.899	592.9	0.2590	6.263	595.5	0.2673	
Statepoint 10 (495.2, EOC Cy 7)										
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)							
	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7							
1	8.214	591.1	0.7396							
2	34.321	657.7	0.7320							
3	43.139	670.2	0.6240							
4	46.607	706.5	0.5025							
5	46.983	743.3	0.4283							
6	45.878	783.1	0.3746							
7	42.311	813.4	0.3355							
8	32.682	775.1	0.3052							
9	12.325	636.9	0.2902							
10	6.961	600.6	0.2837							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly A3

		Datapoint 1 (BOC Cy 4)			Datapoint 2 (208.6 EFPD Cy 4)			Datapoint 3 (BOC Cy 5)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 4	0.00 Cy 4	0.00 Cy 4	208.6 Cy 4	208.6 Cy 4	208.6 Cy 4	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	
1	0.000		0.7396	1.059	621.0	0.7396	2.091	634.9	0.7396	
2	0.000		0.7249	4.939	871.5	0.7314	10.006	986.2	0.7259	
3	0.000		0.5512	7.583	1040.3	0.5969	14.640	1150.9	0.5696	
4	0.000	Data	0.4057	8.410	1112.3	0.4343	15.505	1155.4	0.4112	
5	0.000	Not	0.3360	7.758	1054.8	0.3481	14.562	1121.4	0.3293	
6	0.000	Required	0.2939	6.736	970.8	0.2954	13.080	1070.1	0.2776	
7	0.000		0.2683	5.466	876.0	0.2620	10.919	977.5	0.2437	
8	0.000		0.2526	4.300	798.2	0.2395	8.476	860.2	0.2218	
9	0.000		0.2464	1.725	648.9	0.2297	3.399	668.4	0.2124	
10	0.000		0.2452	1.074	615.6	0.2280	2.093	625.7	0.2110	
		Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	
1	4.005	658.0	0.7396	5.454	637.1	0.7396	6.535	626.4	0.7396	
2	18.820	1075.0	0.7170	24.915	901.3	0.7187	29.059	817.1	0.7206	
3	24.656	1141.2	0.5453	31.969	967.7	0.5552	36.758	850.1	0.5667	
4	25.428	1133.6	0.3944	33.380	1014.7	0.4082	38.389	866.2	0.4247	
5	24.138	1106.0	0.3168	32.495	1045.9	0.3305	37.398	858.4	0.3467	
6	22.031	1057.9	0.2670	30.715	1071.7	0.2791	35.422	844.1	0.2946	
7	18.634	969.7	0.2339	27.153	1058.7	0.2438	32.652	903.8	0.2621	
8	13.693	814.8	0.2135	20.122	908.3	0.2203	25.151	869.0	0.2389	
9	5.285	644.6	0.2054	7.664	673.1	0.2110	9.518	661.9	0.2273	
10	3.200	610.1	0.2042	4.566	624.5	0.2092	5.583	616.0	0.2242	

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly A3 (Continued)

Statepoint 7 (BOC Cy 7)				Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	7.761	687.6	0.7396	8.538	608.0	0.7396	8.875	595.2	0.7396
2	33.177	1029.7	0.7194	35.814	717.1	0.7214	36.903	667.8	0.7222
3	41.017	1024.8	0.5645	44.508	764.7	0.5767	45.975	701.5	0.5822
4	42.638	1023.4	0.4234	46.808	810.6	0.4419	48.674	743.8	0.4518
5	41.643	1022.8	0.3461	45.969	821.6	0.3645	48.078	771.0	0.3759
6	39.604	1013.9	0.2940	43.778	810.9	0.3107	46.038	788.1	0.3223
7	36.479	964.5	0.2611	40.181	778.6	0.2755	42.401	783.5	0.2862
8	28.052	847.9	0.2376	30.744	713.9	0.2504	32.502	732.5	0.2602
9	10.657	662.4	0.2261	11.620	613.9	0.2381	12.273	621.9	0.2474
10	6.234	618.5	0.2233	6.734	589.2	0.2339	7.071	593.1	0.2424
Statepoint 10 (495.2, EOC Cy 7)									
Node	Burnup	Fuel	Mod. Dens.						
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)						
	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7						
1	9.290	586.0	0.7396						
2	38.151	633.9	0.7231						
3	47.558	650.4	0.588						
4	50.851	685.7	0.4642						
5	50.873	724.2	0.3938						
6	49.453	765.1	0.344						
7	46.188	790.7	0.3087						
8	35.768	755.4	0.2819						
9	13.529	631.6	0.2680						
10	7.711	597.5	0.2609						

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly A4

		Datapoint 1 (BOC Cy 4)			Datapoint 2 (208.6 EFPD Cy 4)			Datapoint 3 (BOC Cy 5)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 4	0.00 Cy 4	0.00 Cy 4	208.6 Cy 4	208.6 Cy 4	208.6 Cy 4	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	
1	0.000		0.7396	1.093	623.0	0.7396	2.270	646.0	0.7396	
2	0.000		0.7124	5.140	868.6	0.7270	10.831	1027.3	0.7205	
3	0.000		0.5107	7.944	1071.5	0.5822	15.511	1212.6	0.5474	
4	0.000	Data	0.3693	8.884	1156.3	0.4173	16.432	1210.3	0.3899	
5	0.000	Not	0.3043	8.277	1100.5	0.3319	15.578	1180.0	0.3101	
6	0.000	Required	0.2656	7.364	1021.5	0.2800	14.184	1123.4	0.2602	
7	0.000		0.2421	6.276	935.2	0.2462	12.090	1013.9	0.2275	
8	0.000		0.2270	4.970	842.5	0.2227	9.438	885.8	0.2055	
9	0.000		0.2209	2.018	664.4	0.2124	3.860	679.8	0.1960	
10	0.000		0.2197	1.265	625.2	0.2107	2.400	633.1	0.1945	
		Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	
1	3.700	632.2	0.7396	4.716	613.4	0.7396	6.411	666.5	0.7396	
2	17.552	921.7	0.7221	21.904	788.6	0.7252	28.337	1002.0	0.7233	
3	23.569	992.9	0.5593	28.975	840.6	0.5782	35.666	1001.0	0.5751	
4	24.683	1006.6	0.4070	30.857	889.4	0.4345	37.353	984.3	0.4336	
5	23.684	996.3	0.3278	30.339	921.6	0.3561	36.565	961.6	0.3563	
6	21.879	967.8	0.2769	28.889	946.1	0.3039	34.738	930.9	0.3046	
7	18.842	906.0	0.2428	25.806	942.9	0.2678	31.164	892.5	0.2687	
8	14.128	785.0	0.2189	19.563	843.4	0.2410	23.720	806.4	0.2423	
9	5.537	635.2	0.2084	7.551	655.2	0.2285	9.101	644.9	0.2302	
10	3.353	603.5	0.2061	4.476	613.3	0.2249	5.344	608.1	0.2268	

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly A4 (Continued)

Statepoint 7 (BOC Cy 7)				Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	7.550	677.8	0.7396	8.734	634.1	0.7396	9.332	623.3	0.7396
2	32.264	1001.2	0.7223	36.451	824.7	0.7239	38.528	777.5	0.7248
3	39.710	994.2	0.5736	45.082	899.9	0.5817	47.784	841.3	0.5867
4	41.336	985.6	0.4333	47.285	946.1	0.4424	50.268	876.8	0.4489
5	40.497	978.6	0.3565	46.377	940.4	0.3642	49.434	886.4	0.3702
6	38.572	965.1	0.3048	43.997	904.0	0.3112	47.061	887.3	0.3166
7	34.711	927.0	0.2688	39.348	844.3	0.2743	42.211	861.4	0.2792
8	26.427	825.2	0.2424	29.756	754.4	0.2476	31.957	782.2	0.2520
9	10.138	653.0	0.2305	11.363	628.1	0.2357	12.208	639.9	0.2401
10	5.930	612.9	0.2272	6.599	598.1	0.2323	7.061	604.4	0.2364
Statepoint 10 (495.2, EOC Cy 7)									
Node	Burnup	Fuel	Mod. Dens.						
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)						
	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7						
1	10.221	616.5	0.7396						
2	41.282	729.5	0.7261						
3	51.134	760.8	0.5944						
4	54.332	810.4	0.4617						
5	54.085	853.8	0.3843						
6	52.231	894.1	0.3303						
7	47.595	911.3	0.2920						
8	36.314	832.7	0.2633						
9	13.921	657.9	0.2508						
10	7.992	613.4	0.2467						

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly A5

Datapoint 1 (BOC Cy 4)			Datapoint 2 (208.6 EFPD Cy 4)			Datapoint 3 (BOC Cy 5)			
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	0.00 Cy 4	0.00 Cy 4	0.00 Cy 4	208.6 Cy 4	208.6 Cy 4	208.6 Cy 4	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5
1	0.000		0.7396	1.108	623.9	0.7396	2.280	645.6	0.7396
2	0.000		0.7129	5.195	872.6	0.7295	10.770	1014.4	0.7209
3	0.000		0.5113	7.979	1074.5	0.5818	15.408	1195.6	0.5502
4	0.000	Data	0.3691	8.865	1154.6	0.4171	16.351	1202.6	0.3921
5	0.000	Not	0.3041	8.215	1095.0	0.3323	15.493	1177.2	0.3120
6	0.000	Required	0.2653	7.173	1005.8	0.2810	14.081	1133.6	0.2615
7	0.000		0.2419	5.944	910.4	0.2483	12.022	1041.5	0.2282
8	0.000		0.2268	4.804	831.2	0.2255	9.450	902.2	0.2065
9	0.000		0.2209	1.944	660.5	0.2154	3.808	681.3	0.1972
10	0.000		0.2197	1.213	622.6	0.2137	2.351	633.3	0.1957
Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6
1	4.006	647.9	0.7396	5.842	659.0	0.7396	7.551	667.5	0.7396
2	18.781	1013.4	0.7182	26.155	994.6	0.7162	32.254	972.7	0.7161
3	24.942	1102.6	0.5439	33.334	1048.6	0.5432	40.081	1005.8	0.5463
4	25.967	1109.1	0.3903	34.875	1089.8	0.3941	41.763	1018.1	0.3996
5	24.753	1081.3	0.3125	34.041	1121.4	0.3170	40.698	998.0	0.3227
6	22.734	1035.7	0.2627	32.301	1145.1	0.2662	38.549	963.5	0.2719
7	19.596	960.0	0.2294	28.892	1122.3	0.2309	34.794	935.2	0.2376
8	14.748	819.3	0.2077	21.786	950.3	0.2074	26.260	828.7	0.2135
9	5.776	648.3	0.1987	8.487	689.7	0.1979	10.177	652.7	0.2037
10	3.502	612.0	0.1972	5.088	634.8	0.1962	6.033	612.2	0.2016

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly A5 (Continued)

Statepoint 7 (BOC Cy 7)				Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	8.338	639.6	0.7396	8.977	599.3	0.7396	9.199	583.1	0.7396
2	34.872	827.3	0.7173	37.000	684.7	0.7185	37.715	630.1	0.7191
3	43.123	863.6	0.5527	45.921	720.1	0.5589	46.930	655.7	0.5625
4	45.028	891.0	0.4081	48.291	749.6	0.4157	49.656	691.0	0.4218
5	44.036	900.1	0.3310	47.398	755.9	0.3380	49.059	721.8	0.3447
6	41.980	912.0	0.2801	45.205	747.1	0.2862	47.039	740.3	0.2923
7	38.760	983.3	0.2472	41.557	720.0	0.2521	43.317	732.4	0.2573
8	29.424	878.9	0.2219	31.429	672.5	0.2263	32.792	691.0	0.2308
9	11.405	670.7	0.2114	12.141	601.7	0.2155	12.656	609.2	0.2197
10	6.714	621.1	0.2087	7.109	583.7	0.2125	7.383	587.4	0.2163
Statepoint 10 (495.2, EOC Cy 7)									
Node	Burnup	Fuel	Mod. Dens.						
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)						
	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7						
1	9.496	578.6	0.7396						
2	38.605	612.6	0.7197						
3	48.104	627.0	0.5671						
4	51.309	654.4	0.4307						
5	51.160	681.0	0.3559						
6	49.597	709.2	0.3046						
7	46.161	727.3	0.2693						
8	35.265	704.0	0.2422						
9	13.633	616.0	0.2303						
10	7.899	590.7	0.2259						

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly A6

		Datapoint 1 (BOC Cy 4)			Datapoint 2 (208.6 EFPD Cy 4)			Datapoint 3 (BOC Cy 5)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 4	0.00 Cy 4	0.00 Cy 4	208.6 Cy 4	208.6 Cy 4	208.6 Cy 4	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	
1	0.000		0.7396	1.121	624.7	0.7396	2.171	636.3	0.7396	
2	0.000		0.7196	5.296	880.0	0.7280	10.596	985.7	0.7237	
3	0.000		0.5323	7.836	1061.6	0.5846	15.007	1164.4	0.5594	
4	0.000	Data	0.3917	8.407	1112.0	0.4240	15.476	1152.3	0.4031	
5	0.000	Not	0.3259	7.691	1049.0	0.3414	14.430	1114.1	0.3242	
6	0.000	Required	0.2860	6.670	965.6	0.2909	12.948	1062.9	0.2743	
7	0.000		0.2615	5.424	873.1	0.2585	10.844	974.1	0.2413	
8	0.000		0.2466	4.288	797.4	0.2365	8.453	859.2	0.2197	
9	0.000		0.2408	1.722	648.8	0.2270	3.389	668.0	0.2106	
10	0.000		0.2395	1.073	615.5	0.2253	2.086	625.3	0.2092	
		Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	
1	3.547	629.3	0.7396	4.616	616.3	0.7396	5.858	636.7	0.7396	
2	17.117	908.4	0.7247	21.575	795.2	0.7272	26.266	858.0	0.7281	
3	22.846	977.6	0.5702	28.239	839.8	0.5867	33.277	868.4	0.5944	
4	23.503	990.8	0.4195	29.664	888.6	0.4450	34.789	874.8	0.4560	
5	22.323	981.4	0.3408	28.977	921.6	0.3671	34.026	869.1	0.3781	
6	20.414	952.3	0.2896	27.421	945.9	0.3146	32.291	856.0	0.3250	
7	17.290	886.7	0.2552	24.245	942.3	0.2783	28.817	834.5	0.2882	
8	12.891	771.3	0.2316	18.306	842.2	0.2516	21.894	767.9	0.2612	
9	4.961	630.5	0.2216	6.947	653.9	0.2396	8.268	632.4	0.2489	
10	2.981	601.0	0.2195	4.089	612.7	0.2363	4.812	600.4	0.2453	

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly A6 (Continued)

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	6.571	631.8	0.7396	8.000	650.3	0.7396	8.778	643.3	0.7396	
2	28.743	810.8	0.7288	34.006	908.9	0.7285	36.835	872.7	0.7285	
3	35.966	822.1	0.5995	42.440	990.7	0.5985	45.990	953.7	0.5991	
4	37.645	841.5	0.4637	44.422	1017.3	0.4614	48.195	985.9	0.4617	
5	36.960	850.8	0.3859	43.383	986.3	0.3831	47.221	995.4	0.3829	
6	35.247	853.3	0.3324	40.912	923.2	0.3299	44.644	979.9	0.3292	
7	31.679	842.2	0.2952	36.268	840.9	0.2933	39.498	909.8	0.2923	
8	24.189	778.8	0.2677	27.448	749.8	0.2667	29.764	795.7	0.2657	
9	9.143	638.4	0.2552	10.367	628.1	0.2547	11.254	643.9	0.2539	
10	5.292	603.7	0.2514	5.982	599.3	0.2511	6.486	608.2	0.2505	
		Statepoint 10 (495.2, EOC Cy 7)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7							
1	10.001	638.7	0.7396							
2	40.685	807.4	0.7291							
3	50.495	842.8	0.6038							
4	53.419	898.5	0.4691							
5	53.025	946.3	0.3901							
6	50.959	990.5	0.3352							
7	45.900	998.3	0.2965							
8	34.755	881.5	0.2684							
9	13.216	672.6	0.2561							
10	7.588	622.9	0.2527							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly A7

		Datapoint 1 (BOC Cy 4)			Datapoint 2 (208.6 EFPD Cy 4)			Datapoint 3 (BOC Cy 5)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 4	0.00 Cy 4	0.00 Cy 4	208.6 Cy 4	208.6 Cy 4	208.6 Cy 4	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	
1	0.000		0.7396	1.160	627.0	0.7396	2.419	652.3	0.7396	
2	0.000		0.7128	5.477	893.6	0.7270	11.512	1065.3	0.7163	
3	0.000		0.5106	8.353	1107.9	0.5680	16.144	1240.7	0.5333	
4	0.000	Data	0.3683	9.251	1191.6	0.4017	16.977	1232.6	0.3763	
5	0.000	Not	0.3032	8.639	1133.6	0.3182	16.197	1211.5	0.2982	
6	0.000	Required	0.2644	7.636	1044.5	0.2674	14.824	1166.6	0.2488	
7	0.000		0.2409	6.252	933.5	0.2352	12.393	1048.5	0.2167	
8	0.000		0.2258	4.864	835.3	0.2137	9.466	898.2	0.1962	
9	0.000		0.2200	1.953	660.9	0.2043	3.801	680.2	0.1875	
10	0.000		0.2188	1.228	623.4	0.2028	2.362	633.0	0.1861	
		Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	
1	4.231	652.5	0.7396	6.035	657.1	0.7396	6.920	614.0	0.7396	
2	19.748	1030.2	0.7144	26.907	978.2	0.7139	30.259	761.4	0.7171	
3	25.776	1110.4	0.5306	34.037	1038.4	0.5346	38.627	836.1	0.5521	
4	26.660	1114.4	0.3780	35.539	1087.5	0.3861	40.879	891.1	0.4092	
5	25.545	1088.1	0.3019	34.835	1121.5	0.3101	40.191	892.3	0.3312	
6	23.655	1048.9	0.2531	33.226	1145.4	0.2600	38.298	870.9	0.2788	
7	20.498	996.4	0.2206	29.823	1124.7	0.2254	34.431	837.1	0.2427	
8	15.514	863.6	0.1990	22.690	960.0	0.2018	26.250	766.1	0.2182	
9	6.108	663.9	0.1902	8.933	695.5	0.1922	10.299	634.8	0.2078	
10	3.719	621.0	0.1887	5.379	638.3	0.1905	6.125	601.7	0.2046	

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly A7 (Continued)

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	7.571	625.4	0.7396	8.028	588.0	0.7396	8.218	579.8	0.7396	
2	32.476	780.5	0.7186	33.959	645.7	0.7199	34.555	618.4	0.7204	
3	41.110	798.8	0.5598	43.061	669.2	0.5686	43.840	633.7	0.5720	
4	43.548	819.7	0.4198	46.080	703.7	0.4370	47.134	660.0	0.4440	
5	42.976	833.1	0.3422	45.820	722.9	0.3634	47.121	684.5	0.3737	
6	41.147	840.7	0.2895	44.062	727.3	0.3114	45.573	706.0	0.3240	
7	37.220	833.7	0.2533	39.973	717.2	0.2744	41.579	715.9	0.2881	
8	28.517	775.6	0.2283	30.606	677.4	0.2478	31.943	688.3	0.2615	
9	11.203	641.0	0.2177	11.941	601.8	0.2349	12.430	606.8	0.2472	
10	6.619	604.9	0.2138	6.988	582.3	0.2286	7.232	584.7	0.2392	
		Statepoint 10 (495.2, EOC Cy 7)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7							
1	8.443	574.2	0.7396							
2	35.222	599.9	0.7210							
3	44.665	607.6	0.5754							
4	48.300	626.5	0.4515							
5	48.703	650.3	0.3859							
6	47.667	680.6	0.3421							
7	44.147	709.8	0.3119							
8	34.323	698.2	0.2879							
9	13.333	611.9	0.2720							
10	7.677	586.9	0.2606							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly A8

		Datapoint 1 (BOC Cy 4)			Datapoint 2 (208.6 EFPD Cy 4)			Datapoint 3 (BOC Cy 5)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 4	0.00 Cy 4	0.00 Cy 4	208.6 Cy 4	208.6 Cy 4	208.6 Cy 4	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	
1	0.000		0.7396	0.975	616.0	0.7396	2.087	641.0	0.7396	
2	0.000		0.7206	4.685	852.3	0.7325	10.198	1036.0	0.7226	
3	0.000		0.5325	7.497	1033.3	0.6029	15.007	1205.6	0.5603	
4	0.000	Data	0.3875	8.464	1117.2	0.4389	15.891	1195.4	0.4037	
5	0.000	Not	0.3199	7.799	1058.3	0.3510	14.908	1157.0	0.3221	
6	0.000	Required	0.2795	6.761	972.7	0.2978	13.450	1108.4	0.2707	
7	0.000		0.2552	5.581	884.1	0.2642	11.444	1018.9	0.2369	
8	0.000		0.2404	4.556	814.7	0.2404	9.044	887.9	0.2153	
9	0.000		0.2342	1.835	654.7	0.2298	3.614	675.5	0.2080	
10	0.000		0.2330	1.139	618.9	0.2280	2.221	629.7	0.2045	
		Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	
1	3.923	653.8	0.7396	5.319	634.2	0.7396	7.015	666.6	0.7396	
2	18.686	1049.6	0.7169	24.624	890.5	0.7190	30.724	972.9	0.7184	
3	24.815	1124.4	0.5442	32.003	958.7	0.5557	38.596	992.5	0.5572	
4	25.655	1120.8	0.3933	33.471	1004.5	0.4087	40.218	1005.8	0.4125	
5	24.332	1094.1	0.3154	32.534	1033.9	0.3307	39.079	988.4	0.3350	
6	22.239	1045.8	0.2655	30.739	1057.1	0.2793	36.910	957.0	0.2837	
7	18.992	958.3	0.2324	27.303	1042.4	0.2440	33.188	933.8	0.2492	
8	14.147	808.3	0.2117	20.402	896.6	0.2203	24.910	831.0	0.2250	
9	5.462	642.9	0.2031	7.791	670.6	0.2106	9.468	652.0	0.2150	
10	3.302	609.0	0.2018	4.638	623.1	0.2087	5.575	611.7	0.2129	

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly A8 (Continued)

Node No.	Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	7.803	639.8	0.7396	8.401	596.7	0.7396	8.626	583.4	0.7396
2	33.380	831.9	0.7194	35.428	679.8	0.7206	36.167	632.4	0.7211
3	41.620	861.5	0.5628	44.285	711.8	0.5687	45.308	657.1	0.5724
4	43.462	888.4	0.4202	46.560	738.9	0.4278	47.911	689.6	0.4336
5	42.399	897.9	0.3426	45.603	745.7	0.3496	47.178	712.7	0.3557
6	40.320	909.3	0.2912	43.421	739.1	0.2973	45.138	727.7	0.3031
7	37.131	980.1	0.2581	39.866	716.2	0.2631	41.544	723.6	0.2681
8	28.058	877.9	0.2326	30.034	670.7	0.2371	31.350	686.3	0.2415
9	10.672	668.5	0.2218	11.380	600.2	0.2260	11.868	606.7	0.2301
10	6.243	620.0	0.2192	6.620	582.7	0.2230	6.878	586.0	0.2268
Statepoint 10 (495.2, EOC Cy 7)									
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)						
	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7						
1	8.891	576.6	0.7396						
2	36.978	608.1	0.7217						
3	46.377	621.1	0.5765						
4	49.440	647.2	0.4422						
5	49.160	673.9	0.3671						
6	47.571	701.4	0.3156						
7	44.264	719.4	0.2803						
8	33.729	698.1	0.2532						
9	12.784	612.6	0.2410						
10	7.357	588.7	0.2366						

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly A9

		Datapoint 1 (BOC Cy 4)			Datapoint 2 (208.6 EFPD Cy 4)			Datapoint 3 (BOC Cy 5)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 4	0.00 Cy 4	0.00 Cy 4	208.6 Cy 4	208.6 Cy 4	208.6 Cy 4	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	
1	0.000		0.7396	1.061	621.1	0.7396	2.231	645.4	0.7396	
2	0.000		0.7176	5.010	876.9	0.7306	10.620	1046.9	0.7202	
3	0.000		0.5253	7.806	1059.6	0.5895	15.277	1200.7	0.5524	
4	0.000	Data	0.3812	8.809	1149.3	0.4236	16.268	1199.3	0.3950	
5	0.000	Not	0.3139	8.303	1102.7	0.3362	15.668	1187.8	0.3134	
6	0.000	Required	0.2737	7.381	1023.0	0.2825	14.524	1161.2	0.2609	
7	0.000		0.2495	6.027	916.6	0.2485	12.185	1050.3	0.2267	
8	0.000		0.2344	4.740	827.0	0.2259	9.361	900.0	0.2053	
9	0.000		0.2282	1.907	658.5	0.2160	3.750	679.9	0.1963	
10	0.000		0.2270	1.192	621.5	0.2143	2.319	632.6	0.1949	
		Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	
1	4.112	656.2	0.7396	5.725	646.3	0.7396	7.421	666.6	0.7396	
2	19.149	1052.6	0.7153	25.734	936.0	0.7164	31.969	984.4	0.7167	
3	25.156	1130.1	0.5385	32.938	1002.0	0.5459	39.703	1007.3	0.5492	
4	26.191	1133.8	0.3865	34.616	1051.2	0.3974	41.318	1001.9	0.4025	
5	25.240	1105.6	0.3086	34.085	1084.7	0.3194	40.473	975.1	0.3251	
6	23.502	1059.9	0.2581	32.702	1113.9	0.2676	38.623	936.8	0.2735	
7	20.207	990.7	0.2245	29.345	1108.9	0.2320	34.606	885.2	0.2380	
8	15.103	845.3	0.2031	22.139	950.0	0.2081	26.150	796.4	0.2141	
9	5.921	657.6	0.1945	8.662	691.2	0.1986	10.205	644.5	0.2045	
10	3.600	617.7	0.1931	5.201	635.5	0.1968	6.065	607.9	0.2024	

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly A9 (Continued)

Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)				
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	8.517	673.1	0.7396	9.034	591.7	0.7396	9.254	582.9	0.7396	
2	35.693	971.8	0.7169	37.316	654.1	0.7183	37.983	625.3	0.7189	
3	43.677	984.4	0.5512	45.909	685.7	0.5611	46.807	645.0	0.5649	
4	45.273	981.8	0.4057	48.225	729.7	0.4247	49.439	675.8	0.4327	
5	44.366	973.3	0.3286	47.651	750.9	0.3509	49.117	701.4	0.3619	
6	42.408	958.5	0.2770	45.733	753.5	0.2990	47.405	722.9	0.3119	
7	38.116	922.2	0.2413	41.239	740.6	0.2623	43.007	733.2	0.2760	
8	28.833	822.4	0.2173	31.201	694.0	0.2367	32.682	703.1	0.2504	
9	11.251	653.9	0.2075	12.093	607.4	0.2248	12.642	612.3	0.2374	
10	6.655	613.2	0.2053	7.080	585.2	0.2202	7.355	587.5	0.2310	
Statepoint 10 (495.2, EOC Cy 7)										
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)							
	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7							
1	9.529	577.3	0.7396							
2	38.769	606.7	0.7195							
3	47.802	617.0	0.5689							
4	50.840	639.9	0.4415							
5	50.990	667.4	0.3760							
6	49.833	701.1	0.3317							
7	45.919	731.7	0.3007							
8	35.341	715.7	0.2769							
9	13.663	618.4	0.2623							
10	7.863	590.3	0.2526							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly A10

Datapoint 1 (BOC Cy 4)			Datapoint 2 (208.6 EFPD Cy 4)			Datapoint 3 (BOC Cy 5)			
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	0.00 Cy 4	0.00 Cy 4	0.00 Cy 4	208.6 Cy 4	208.6 Cy 4	208.6 Cy 4	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5
1	0.000		0.7396	1.254	632.7	0.7396	2.414	644.7	0.7396
2	0.000		0.7123	5.818	919.6	0.7247	11.420	1017.2	0.7192
3	0.000		0.5117	8.374	1109.4	0.5614	15.708	1184.1	0.5410
4	0.000	Data	0.3727	8.942	1161.9	0.4003	16.300	1186.9	0.3846
5	0.000	Not	0.3090	8.231	1096.4	0.3204	15.360	1159.4	0.3076
6	0.000	Required	0.2705	7.165	1005.2	0.2718	13.871	1110.4	0.2590
7	0.000		0.2469	5.833	902.4	0.2406	11.640	1013.3	0.2268
8	0.000		0.2319	4.555	814.8	0.2196	8.971	881.3	0.2058
9	0.000		0.2259	1.819	653.8	0.2105	3.590	675.0	0.1969
10	0.000		0.2247	1.138	618.8	0.2089	2.218	629.6	0.1955
Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6
1	4.152	648.5	0.7396	5.547	634.1	0.7396	7.287	669.6	0.7396
2	19.380	1009.5	0.7172	25.210	883.2	0.7194	31.476	987.2	0.7190
3	25.083	1090.2	0.5394	32.197	953.5	0.5525	39.004	1011.0	0.5543
4	25.804	1100.2	0.3871	33.574	1001.1	0.4046	40.457	1017.7	0.4080
5	24.559	1076.7	0.3111	32.709	1029.8	0.3280	39.356	997.2	0.3318
6	22.483	1032.8	0.2624	30.916	1051.8	0.2777	37.180	964.8	0.2813
7	19.088	951.5	0.2298	27.321	1036.4	0.2429	33.087	924.3	0.2465
8	14.026	805.6	0.2084	20.246	894.1	0.2189	24.733	829.5	0.2224
9	5.409	641.6	0.1997	7.721	669.8	0.2089	9.425	653.5	0.2124
10	3.272	607.8	0.1982	4.592	622.4	0.2068	5.550	612.8	0.2102

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly A10 (Continued)

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	8.366	671.2	0.7396	8.914	593.6	0.7396	9.136	583.1	0.7396	
2	35.065	953.0	0.7191	36.849	663.7	0.7205	37.545	628.1	0.7211	
3	42.904	974.2	0.5564	45.373	700.0	0.5670	46.310	648.7	0.5709	
4	44.455	987.7	0.4111	47.734	750.6	0.4310	48.974	678.4	0.4390	
5	43.366	989.3	0.3349	47.046	777.0	0.3577	48.519	702.1	0.3685	
6	41.173	987.1	0.2842	44.912	781.0	0.3062	46.598	724.4	0.3189	
7	36.945	968.5	0.2491	40.448	765.3	0.2696	42.275	739.6	0.2834	
8	27.735	860.1	0.2246	30.356	709.4	0.2433	31.932	713.1	0.2575	
9	10.592	665.0	0.2145	11.518	611.9	0.2314	12.102	615.5	0.2446	
10	6.209	619.2	0.2122	6.682	587.8	0.2271	6.974	589.0	0.2386	
		Statepoint 10 (495.2, EOC Cy 7)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7							
1	9.452	579.8	0.7396							
2	38.469	614.7	0.7218							
3	47.474	626.5	0.5755							
4	50.575	651.4	0.4489							
5	50.605	680.1	0.3838							
6	49.252	715.3	0.3395							
7	45.412	746.4	0.3079							
8	34.767	727.0	0.2831							
9	13.188	622.0	0.2690							
10	7.521	592.4	0.2601							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly A11

		Datapoint 1 (BOC Cy 4)			Datapoint 2 (208.6 EFPD Cy 4)			Datapoint 3 (BOC Cy 5)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 4	0.00 Cy 4	0.00 Cy 4	208.6 Cy 4	208.6 Cy 4	208.6 Cy 4	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	
1	0.000		0.7396	1.378	640.2	0.7396	2.637	652.3	0.7396	
2	0.000		0.7136	6.350	961.9	0.7193	12.424	1069.6	0.7134	
3	0.000		0.5143	8.979	1165.7	0.5376	16.682	1229.6	0.5184	
4	0.000	Data	0.3742	9.460	1212.3	0.3778	17.125	1224.8	0.3644	
5	0.000	Not	0.3099	8.667	1136.3	0.3013	16.093	1195.3	0.2907	
6	0.000	Required	0.2712	7.483	1031.7	0.2551	14.404	1135.2	0.2445	
7	0.000		0.2476	5.942	910.5	0.2260	11.778	1016.4	0.2144	
8	0.000		0.2327	4.497	811.0	0.2069	8.852	876.0	0.1949	
9	0.000		0.2267	1.797	652.7	0.1986	3.549	673.7	0.1868	
10	0.000		0.2255	1.135	618.7	0.1972	2.211	629.3	0.1854	
		Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	
1	4.026	630.0	0.7396	4.959	608.9	0.7396	6.680	668.3	0.7396	
2	18.734	894.5	0.7180	22.670	763.9	0.7219	29.035	996.0	0.7200	
3	24.351	966.0	0.5432	29.407	819.3	0.5661	36.259	1014.9	0.5636	
4	25.107	987.6	0.3938	31.020	872.5	0.4265	37.914	1018.6	0.4255	
5	23.962	979.7	0.3185	30.387	906.1	0.3517	37.036	997.3	0.3509	
6	21.886	953.4	0.2702	28.690	931.8	0.3020	34.950	964.4	0.3011	
7	18.344	894.2	0.2383	25.127	930.3	0.2683	31.097	940.7	0.2678	
8	13.391	776.8	0.2156	18.683	834.5	0.2426	23.265	836.3	0.2420	
9	5.176	633.0	0.2056	7.130	652.3	0.2303	8.833	653.4	0.2300	
10	3.135	602.2	0.2030	4.218	611.5	0.2261	5.178	613.0	0.2262	

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly A11 (Continued)

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	7.495	642.6	0.7396	8.115	598.1	0.7396	8.319	581.2	0.7396	
2	31.879	854.9	0.7208	33.995	684.0	0.7219	34.669	626.0	0.7224	
3	39.483	885.9	0.5682	42.255	718.5	0.5739	43.199	649.5	0.5774	
4	41.303	906.7	0.4314	44.550	748.5	0.4380	45.848	684.3	0.4441	
5	40.471	912.4	0.3564	43.815	754.8	0.3621	45.456	719.7	0.3688	
6	38.464	922.7	0.3064	41.675	746.2	0.3109	43.517	741.2	0.3170	
7	35.151	995.5	0.2737	37.949	720.1	0.2772	39.720	733.5	0.2821	
8	26.491	887.6	0.2467	28.515	673.5	0.2499	29.893	692.5	0.2540	
9	10.063	670.9	0.2342	10.790	601.2	0.2373	11.300	608.7	0.2411	
10	5.866	621.8	0.2304	6.258	583.5	0.2333	6.529	587.1	0.2368	
		Statepoint 10 (495.2, EOC Cy 7)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7							
1	8.614	578.5	0.7396							
2	35.577	613.8	0.7231							
3	44.383	627.5	0.5819							
4	47.497	654.2	0.4528							
5	47.535	679.7	0.3797							
6	46.052	707.7	0.3287							
7	42.552	726.6	0.2934							
8	32.373	704.4	0.2647							
9	12.263	615.2	0.2512							
10	7.041	590.5	0.2461							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly A12

		Datapoint 1 (BOC Cy 4)			Datapoint 2 (208.6 EFPD Cy 4)			Datapoint 3 (BOC Cy 5)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 4	0.00 Cy 4	0.00 Cy 4	208.6 Cy 4	208.6 Cy 4	208.6 Cy 4	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	
1	0.000		0.7396	1.126	625.0	0.7396	2.435	656.2	0.7396	
2	0.000		0.7175	5.218	874.2	0.7287	11.410	1083.2	0.7161	
3	0.000		0.5275	7.928	1070.0	0.5797	15.807	1252.1	0.5357	
4	0.000	Data	0.3852	8.889	1156.8	0.4159	16.632	1234.8	0.3819	
5	0.000	Not	0.3180	8.396	1111.2	0.3307	15.840	1197.4	0.3041	
6	0.000	Required	0.2775	7.531	1035.5	0.2782	14.399	1129.0	0.2551	
7	0.000		0.2530	6.303	937.3	0.2443	12.033	1005.5	0.2233	
8	0.000		0.2378	4.966	842.2	0.2214	9.285	872.6	0.2024	
9	0.000		0.2313	2.023	664.7	0.2113	3.787	674.5	0.1934	
10	0.000		0.2300	1.273	625.6	0.2096	2.364	630.3	0.1919	
		Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	
1	4.258	653.1	0.7396	5.555	628.7	0.7396	7.255	666.9	0.7396	
2	19.615	1027.7	0.7140	24.906	847.5	0.7175	31.181	987.9	0.7175	
3	25.156	1088.2	0.5334	31.672	912.3	0.5512	38.471	1010.3	0.5533	
4	26.006	1090.1	0.3844	33.315	967.4	0.4071	40.049	1004.6	0.4105	
5	24.943	1069.3	0.3084	32.724	1001.9	0.3306	39.175	980.4	0.3344	
6	22.968	1029.6	0.2598	31.113	1029.5	0.2801	37.159	946.8	0.2840	
7	19.560	956.8	0.2280	27.598	1021.3	0.2459	33.133	906.2	0.2496	
8	14.448	811.7	0.2066	20.603	889.8	0.2215	24.938	818.7	0.2253	
9	5.623	642.3	0.1975	7.907	668.4	0.2108	9.565	650.9	0.2147	
10	3.425	608.1	0.1958	4.718	621.2	0.2082	5.650	611.5	0.2120	

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly A12 (Continued)

Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	8.445	683.5	0.7396	9.084	599.3	0.7396	9.316	584.2	0.7396
2	35.203	1015.2	0.7170	37.346	685.7	0.7182	38.098	633.7	0.7188
3	42.688	1018.9	0.5531	45.531	722.9	0.5593	46.601	661.7	0.5632
4	44.220	1012.3	0.4112	47.509	751.2	0.4186	48.931	696.9	0.4247
5	43.291	1004.4	0.3355	46.655	756.1	0.3421	48.323	722.5	0.3483
6	41.178	990.7	0.2850	44.404	747.1	0.2907	46.219	738.3	0.2964
7	36.862	951.1	0.2505	39.724	724.1	0.2554	41.507	734.8	0.2605
8	27.783	841.4	0.2261	29.830	674.9	0.2303	31.210	692.8	0.2348
9	10.673	659.6	0.2155	11.403	601.4	0.2195	11.912	608.7	0.2235
10	6.280	616.7	0.2129	6.671	583.4	0.2166	6.941	587.1	0.2202
Statepoint 10 (495.2, EOC Cy 7)									
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)						
	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7						
1	9.603	578.0	0.7396						
2	38.967	611.4	0.7194						
3	47.770	626.7	0.5677						
4	50.590	654.7	0.4336						
5	50.432	681.5	0.3596						
6	48.783	709.6	0.3087						
7	44.403	730.7	0.2729						
8	33.718	706.2	0.2464						
9	12.876	615.2	0.2342						
10	7.449	590.3	0.2299						

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly B1

		Datapoint 1 (BOC Cy 4)			Datapoint 2 (208.6 EFPD Cy 4)			Datapoint 3 (BOC Cy 5)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 4	0.00 Cy 4	0.00 Cy 4	208.6 Cy 4	208.6 Cy 4	208.6 Cy 4	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	
1	0.000		0.7396	1.016	618.6	0.7396	2.254	650.9	0.7396	
2	0.000		0.7246	5.013	878.2	0.7301	11.289	1128.8	0.7153	
3	0.000		0.5482	8.063	1084.0	0.5819	15.942	1254.7	0.5351	
4	0.000	Data	0.4006	9.153	1184.4	0.4138	16.804	1225.6	0.3803	
5	0.000	Not	0.3301	8.389	1112.6	0.3280	15.839	1200.5	0.3016	
6	0.000	Required	0.2880	7.219	1011.2	0.2772	14.347	1161.5	0.2522	
7	0.000		0.2629	5.804	901.3	0.2456	12.073	1063.8	0.2198	
8	0.000		0.2478	4.592	818.0	0.2240	9.291	908.4	0.1995	
9	0.000		0.2419	1.816	653.9	0.2145	3.603	676.4	0.1912	
10	0.000		0.2406	1.124	618.3	0.2129	2.203	629.7	0.1900	
		Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	
1	4.084	653.7	0.7396	5.717	647.7	0.7396	7.424	667.6	0.7396	
2	19.285	1013.6	0.7145	25.688	924.1	0.7162	31.490	948.5	0.7164	
3	25.334	1093.4	0.5348	32.979	993.2	0.5442	39.401	979.3	0.5483	
4	26.357	1106.0	0.3832	34.607	1039.1	0.3959	41.214	995.1	0.4028	
5	25.079	1081.6	0.3061	33.729	1070.8	0.3188	40.348	996.2	0.3264	
6	22.989	1036.6	0.2570	31.957	1096.6	0.2683	38.266	969.9	0.2752	
7	19.685	963.8	0.2244	28.514	1085.4	0.2334	34.183	917.8	0.2398	
8	14.644	823.1	0.2032	21.358	928.8	0.2098	25.779	825.4	0.2164	
9	5.586	649.2	0.1949	8.224	686.3	0.2005	9.986	657.0	0.2074	
10	3.354	612.1	0.1934	4.885	632.4	0.1986	5.879	614.9	0.2052	

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly B1 (Continued)

Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	8.112	629.4	0.7396	8.463	581.5	0.7396	8.605	574.9	0.7396
2	33.722	782.8	0.7178	34.804	622.4	0.7187	35.229	602.1	0.7191
3	42.130	827.6	0.5558	43.620	643.1	0.5622	44.188	614.3	0.5647
4	44.236	862.1	0.4129	46.245	672.8	0.4241	47.011	632.6	0.4291
5	43.455	872.5	0.3364	45.771	691.0	0.3485	46.701	648.3	0.3549
6	41.384	873.8	0.2848	43.823	698.4	0.2963	44.913	663.8	0.3035
7	37.546	904.7	0.2503	39.898	693.1	0.2608	41.096	674.5	0.2683
8	28.907	876.0	0.2275	30.704	660.6	0.2368	31.746	659.2	0.2441
9	11.283	677.5	0.2180	11.954	598.3	0.2265	12.360	599.4	0.2333
10	6.602	625.0	0.2152	6.946	581.0	0.2227	7.152	581.4	0.2287
Statepoint 10 (495.2, EOC Cy 7)									
Node	Burnup	Fuel	Mod. Dens.						
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)						
	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7						
1	8.797	572.1	0.7396						
2	35.771	592.7	0.7195						
3	44.870	599.8	0.5676						
4	47.964	614.8	0.4355						
5	47.971	632.5	0.3646						
6	46.562	654.4	0.3160						
7	43.081	674.3	0.2824						
8	33.574	665.0	0.2582						
9	13.095	602.7	0.2468						
10	7.525	583.0	0.2406						

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly B2

		Datapoint 1 (BOC Cy 4)			Datapoint 2 (208.6 EFPD Cy 4)			Datapoint 3 (BOC Cy 5)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 4	0.00 Cy 4	0.00 Cy 4	208.6 Cy 4	208.6 Cy 4	208.6 Cy 4	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	
1	0.000		0.7396	1.363	639.5	0.7396	2.694	658.1	0.7396	
2	0.000		0.7098	6.539	979.0	0.7167	12.857	1098.2	0.7097	
3	0.000		0.5032	9.281	1197.2	0.5262	16.899	1221.3	0.5090	
4	0.000	Data	0.3643	9.849	1254.1	0.3658	17.461	1220.6	0.3561	
5	0.000	Not	0.3015	8.980	1168.0	0.2903	16.472	1205.6	0.2833	
6	0.000	Required	0.2638	7.728	1054.2	0.2452	14.888	1165.4	0.2377	
7	0.000		0.2409	6.200	930.8	0.2169	12.522	1069.7	0.2075	
8	0.000		0.2261	4.761	829.3	0.1979	9.521	913.9	0.1876	
9	0.000		0.2203	1.866	656.6	0.1896	3.710	680.3	0.1793	
10	0.000		0.2192	1.163	620.2	0.1884	2.276	631.9	0.1780	
		Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	
1	3.989	625.3	0.7396	4.840	604.6	0.7396	5.885	624.3	0.7396	
2	18.509	853.6	0.7163	21.888	732.5	0.7207	26.112	823.4	0.7225	
3	23.844	919.1	0.5416	28.209	779.4	0.5662	34.481	967.4	0.5757	
4	24.833	947.2	0.3948	30.067	830.8	0.4312	37.095	1032.2	0.4392	
5	23.824	945.9	0.3200	29.633	866.7	0.3582	36.522	1019.7	0.3631	
6	21.941	926.1	0.2716	28.171	894.1	0.3088	34.496	971.2	0.3114	
7	18.831	879.1	0.2391	25.107	897.2	0.2746	30.666	909.2	0.2761	
8	14.047	776.5	0.2155	19.062	818.2	0.2481	23.218	807.0	0.2497	
9	5.343	633.4	0.2052	7.274	651.4	0.2363	8.851	646.6	0.2381	
10	3.183	601.6	0.2020	4.239	610.4	0.2312	5.124	608.1	0.2335	

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly B2 (Continued)

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	6.971	672.3	0.7396	8.053	627.7	0.7396	8.780	637.8	0.7396	
2	29.836	973.0	0.7220	33.628	796.4	0.7239	36.162	834.6	0.7245	
3	38.303	964.9	0.5757	43.471	885.3	0.5850	46.819	926.7	0.5878	
4	40.808	950.1	0.4399	46.774	948.7	0.4502	50.461	974.7	0.4528	
5	40.211	946.9	0.3641	46.103	942.6	0.3721	49.898	990.5	0.3739	
6	38.168	944.6	0.3124	43.559	902.4	0.3187	47.166	963.2	0.3199	
7	34.163	921.7	0.2767	38.587	829.7	0.2819	41.644	887.7	0.2826	
8	25.925	826.0	0.2502	29.058	742.2	0.2550	31.303	787.9	0.2557	
9	9.924	656.6	0.2386	11.160	628.9	0.2437	12.095	648.7	0.2445	
10	5.727	614.5	0.2343	6.423	599.7	0.2395	6.963	611.6	0.2405	
		Statepoint 10 (495.2, EOC Cy 7)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7							
1	10.193	651.9	0.7396							
2	40.371	835.5	0.7253							
3	51.410	850.0	0.5924							
4	55.499	884.6	0.4595							
5	55.540	933.9	0.3808							
6	53.454	989.6	0.3261							
7	48.184	1012.3	0.2874							
8	36.579	905.3	0.2589							
9	14.348	690.6	0.2473							
10	8.255	633.8	0.2434							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly B3

		Datapoint 1 (BOC Cy 4)			Datapoint 2 (208.6 EFPD Cy 4)			Datapoint 3 (BOC Cy 5)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 4	0.00 Cy 4	0.00 Cy 4	208.6 Cy 4	208.6 Cy 4	208.6 Cy 4	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	
1	0.000		0.7396	1.356	639.1	0.7396	2.489	642.8	0.7396	
2	0.000		0.7165	6.329	961.4	0.7197	11.765	1000.1	0.7175	
3	0.000		0.5257	8.741	1145.1	0.5415	15.558	1124.8	0.5362	
4	0.000	Data	0.3867	9.197	1188.7	0.3830	16.151	1140.8	0.3819	
5	0.000	Not	0.3219	8.419	1115.3	0.3064	15.296	1131.8	0.3065	
6	0.000	Required	0.2825	7.298	1017.7	0.2599	13.863	1096.3	0.2586	
7	0.000		0.2583	5.846	904.5	0.2304	11.596	1008.9	0.2269	
8	0.000		0.2434	4.442	808.2	0.2109	8.810	878.0	0.2057	
9	0.000		0.2373	1.742	650.0	0.2025	3.449	671.0	0.1969	
10	0.000		0.2361	1.083	616.2	0.2012	2.109	626.3	0.1954	
		Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	
1	4.208	647.7	0.7396	5.697	639.6	0.7396	7.484	673.0	0.7396	
2	19.361	984.3	0.7172	25.363	895.9	0.7191	31.595	985.5	0.7187	
3	24.667	1071.5	0.5402	32.037	973.1	0.5514	38.955	1022.3	0.5529	
4	25.470	1087.6	0.3885	33.422	1016.3	0.4034	40.341	1022.4	0.4064	
5	24.304	1063.8	0.3129	32.587	1041.7	0.3272	39.262	1001.0	0.3305	
6	22.284	1020.4	0.2644	30.800	1060.0	0.2770	37.070	966.6	0.2803	
7	18.940	945.8	0.2318	27.172	1037.9	0.2424	32.860	919.3	0.2456	
8	13.864	806.1	0.2100	20.019	890.9	0.2183	24.419	824.1	0.2216	
9	5.269	641.8	0.2012	7.605	671.2	0.2086	9.341	655.5	0.2120	
10	3.154	607.5	0.1996	4.492	623.4	0.2066	5.474	614.3	0.2098	

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly B3 (Continued)

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	8.603	675.9	0.7396	8.955	581.6	0.7396	9.095	574.6	0.7396	
2	35.205	957.0	0.7188	36.270	621.5	0.7196	36.680	600.6	0.7200	
3	42.967	991.1	0.5547	44.444	642.4	0.5609	45.015	614.4	0.5634	
4	44.442	1003.7	0.4090	46.368	668.0	0.4199	47.172	636.2	0.4252	
5	43.362	1003.5	0.3331	45.501	680.4	0.3449	46.496	654.5	0.3518	
6	41.136	998.6	0.2826	43.328	683.6	0.2939	44.476	669.5	0.3013	
7	36.736	972.4	0.2476	38.825	677.5	0.2582	40.040	676.2	0.2658	
8	27.423	861.2	0.2232	29.015	648.9	0.2331	30.026	656.2	0.2405	
9	10.552	669.4	0.2136	11.134	593.6	0.2226	11.517	597.3	0.2295	
10	6.164	622.1	0.2114	6.463	578.6	0.2194	6.658	580.4	0.2254	
		Statepoint 10 (495.2, EOC Cy 7)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7							
1	9.255	570.1	0.7396							
2	37.125	587.2	0.7203							
3	45.602	594.7	0.5659							
4	48.039	610.0	0.4311							
5	47.690	628.3	0.3613							
6	46.053	650.2	0.3141							
7	41.956	670.1	0.2809							
8	31.796	661.6	0.2563							
9	12.211	600.5	0.2444							
10	7.010	581.9	0.2385							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly B4

		Datapoint 1 (BOC Cy 4)			Datapoint 2 (208.6 EFPD Cy 4)			Datapoint 3 (BOC Cy 5)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 4	0.00 Cy 4	0.00 Cy 4	208.6 Cy 4	208.6 Cy 4	208.6 Cy 4	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	
1	0.000		0.7396	1.027	619.2	0.7396	2.253	650.0	0.7396	
2	0.000		0.7269	5.033	879.8	0.7300	11.257	1122.4	0.7160	
3	0.000		0.5579	8.118	1088.8	0.5807	15.959	1249.9	0.5358	
4	0.000	Data	0.4084	9.224	1191.3	0.4119	16.859	1223.5	0.3801	
5	0.000	Not	0.3361	8.415	1115.1	0.3263	15.834	1196.6	0.3015	
6	0.000	Required	0.2931	7.191	1009.0	0.2759	14.244	1152.6	0.2524	
7	0.000		0.2674	5.726	895.7	0.2446	11.885	1052.0	0.2202	
8	0.000		0.2520	4.481	810.7	0.2236	9.085	899.7	0.2001	
9	0.000		0.2459	1.768	651.4	0.2143	3.518	673.9	0.1919	
10	0.000		0.2446	1.095	616.8	0.2129	2.150	628.2	0.1907	
		Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	
1	4.101	654.7	0.7396	5.800	651.4	0.7396	7.569	671.8	0.7396	
2	19.352	1021.0	0.7145	26.004	942.0	0.7155	32.209	983.1	0.7158	
3	25.437	1100.0	0.5336	33.301	1009.7	0.5408	40.308	1030.2	0.5441	
4	26.483	1111.7	0.3816	34.961	1057.1	0.3924	41.963	1029.8	0.3969	
5	25.169	1089.0	0.3048	34.087	1092.5	0.3156	40.809	1005.1	0.3204	
6	23.047	1048.5	0.2559	32.309	1121.1	0.2653	38.557	964.8	0.2701	
7	19.835	987.1	0.2233	28.888	1103.8	0.2304	34.415	906.7	0.2352	
8	14.875	848.8	0.2021	21.751	940.1	0.2069	25.937	809.1	0.2117	
9	5.712	658.9	0.1937	8.430	690.4	0.1977	10.094	651.5	0.2025	
10	3.435	618.0	0.1923	5.023	635.1	0.1959	5.964	612.1	0.2005	

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly B4 (Continued)

Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	8.678	674.8	0.7396	8.964	577.6	0.7396	9.082	572.4	0.7396
2	35.781	951.7	0.7162	36.636	609.5	0.7170	36.981	594.5	0.7173
3	44.296	987.7	0.5468	45.479	626.0	0.5522	45.948	605.2	0.5543
4	46.027	998.3	0.4005	47.647	650.4	0.4109	48.301	622.2	0.4155
5	44.868	997.7	0.3241	46.768	666.4	0.3366	47.591	638.0	0.3429
6	42.583	993.0	0.2735	44.622	674.5	0.2861	45.605	653.4	0.2935
7	38.225	963.3	0.2383	40.239	673.1	0.2505	41.328	663.7	0.2586
8	28.861	851.7	0.2144	30.438	648.0	0.2258	31.382	649.7	0.2339
9	11.280	667.1	0.2052	11.851	593.0	0.2154	12.209	595.0	0.2228
10	6.639	620.8	0.2031	6.926	578.0	0.2119	7.105	578.9	0.2182
Statepoint 10 (495.2, EOC Cy 7)									
Node	Burnup	Fuel	Mod. Dens.						
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)						
	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7						
1	9.225	569.1	0.7396						
2	37.377	584.4	0.7176						
3	46.455	590.3	0.5566						
4	49.035	602.7	0.4205						
5	48.601	618.0	0.3512						
6	46.958	637.3	0.3053						
7	43.018	656.8	0.2732						
8	32.994	652.3	0.2498						
9	12.843	597.2	0.2377						
10	7.423	580.1	0.2311						

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly B5

Datapoint 1 (BOC Cy 4)			Datapoint 2 (208.6 EFPD Cy 4)			Datapoint 3 (BOC Cy 5)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 4	0.00 Cy 4	0.00 Cy 4	208.6 Cy 4	208.6 Cy 4	208.6 Cy 4	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5
1	0.000		0.7396	1.115	624.5	0.7396	2.106	632.0	0.7396
2	0.000		0.7257	5.299	900.7	0.7295	10.361	961.9	0.7251
3	0.000		0.5572	7.828	1062.7	0.5836	14.558	1114.9	0.5663
4	0.000	Data	0.4151	8.469	1119.7	0.4222	15.199	1114.8	0.4095
5	0.000	Not	0.3462	7.743	1055.2	0.3393	14.272	1092.1	0.3295
6	0.000	Required	0.3041	6.708	969.9	0.2887	12.877	1052.7	0.2788
7	0.000		0.2782	5.399	872.3	0.2564	10.776	971.2	0.2451
8	0.000		0.2623	4.197	792.3	0.2349	8.329	857.3	0.2228
9	0.000		0.2559	1.662	645.8	0.2258	3.274	664.6	0.2138
10	0.000		0.2547	1.027	613.4	0.2242	1.994	622.6	0.2123
Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6
1	3.769	644.7	0.7396	5.348	644.6	0.7396	6.353	621.7	0.7396
2	17.867	977.7	0.7222	24.199	919.0	0.7221	28.023	794.7	0.7243
3	23.520	1060.3	0.5607	31.063	985.8	0.5647	35.971	859.9	0.5775
4	24.392	1077.9	0.4078	32.510	1029.0	0.4160	37.706	881.1	0.4327
5	23.184	1056.6	0.3291	31.663	1057.1	0.3376	36.725	871.1	0.3535
6	21.212	1014.2	0.2784	29.921	1075.5	0.2855	34.689	849.4	0.3003
7	18.048	941.0	0.2443	26.430	1049.7	0.2494	30.868	825.7	0.2638
8	13.346	804.0	0.2221	19.611	898.2	0.2250	23.399	781.8	0.2399
9	5.051	639.9	0.2133	7.425	673.1	0.2155	8.886	640.2	0.2297
10	3.011	606.3	0.2119	4.373	624.5	0.2137	5.276	610.0	0.2287

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly B5 (Continued)

Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	7.168	642.8	0.7396	7.519	581.5	0.7396	7.664	575.2	0.7396
2	30.779	844.9	0.7246	31.903	624.8	0.7255	32.354	604.6	0.7258
3	39.476	923.0	0.5811	40.966	643.1	0.5869	41.551	615.8	0.5893
4	41.487	959.3	0.4371	43.474	671.5	0.4477	44.262	634.8	0.4527
5	40.553	965.6	0.3577	42.826	688.4	0.3692	43.788	651.3	0.3758
6	38.512	965.0	0.3039	40.893	694.8	0.3150	42.010	666.5	0.3222
7	34.513	941.1	0.2668	36.822	690.6	0.2771	38.043	676.8	0.2846
8	26.206	837.7	0.2420	27.982	659.4	0.2514	29.031	659.9	0.2586
9	10.006	660.9	0.2316	10.655	597.2	0.2402	11.055	598.8	0.2469
10	5.938	619.6	0.2310	6.267	580.2	0.2383	6.468	580.9	0.2441
Statepoint 10 (495.2, EOC Cy 7)									
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)						
	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7						
1	7.850	571.8	0.7396						
2	32.901	593.0	0.7262						
3	42.218	599.0	0.5920						
4	45.200	613.9	0.4589						
5	45.049	632.1	0.3854						
6	43.654	654.1	0.3347						
7	40.030	674.4	0.2990						
8	30.867	665.5	0.2734						
9	11.776	602.0	0.2609						
10	6.829	582.4	0.2560						

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly B6

Datapoint 1 (BOC Cy 4)			Datapoint 2 (208.6 EFPD Cy 4)			Datapoint 3 (BOC Cy 5)			
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	0.00 Cy 4	0.00 Cy 4	0.00 Cy 4	208.6 Cy 4	208.6 Cy 4	208.6 Cy 4	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5
1	0.000		0.7396	1.116	624.6	0.7396	2.178	637.4	0.7396
2	0.000		0.7151	5.381	887.4	0.7286	10.738	992.4	0.7224
3	0.000		0.5204	7.952	1073.5	0.5784	14.903	1140.5	0.5566
4	0.000	Data	0.3816	8.591	1131.0	0.4167	15.528	1138.7	0.4005
5	0.000	Not	0.3174	7.842	1063.8	0.3345	14.584	1116.3	0.3215
6	0.000	Required	0.2787	6.801	977.2	0.2846	13.249	1083.1	0.2715
7	0.000		0.2550	5.636	889.1	0.2526	11.449	1015.2	0.2378
8	0.000		0.2405	4.570	816.5	0.2301	9.088	891.6	0.2151
9	0.000		0.2344	1.809	653.6	0.2203	3.561	674.0	0.2057
10	0.000		0.2332	1.113	617.7	0.2186	2.164	627.9	0.2042
Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6
1	4.413	675.9	0.7396	6.112	651.4	0.7396	7.386	639.0	0.7396
2	20.175	1127.0	0.7111	26.601	925.8	0.7131	31.086	843.1	0.7152
3	25.235	1169.4	0.5290	33.001	1002.4	0.5388	38.560	909.2	0.5499
4	25.737	1159.1	0.3809	34.261	1060.7	0.3935	40.685	979.7	0.4085
5	24.488	1134.1	0.3062	33.467	1097.6	0.3179	40.362	1020.4	0.3320
6	22.662	1095.1	0.2579	31.936	1122.1	0.2675	38.585	998.9	0.2791
7	19.974	1028.2	0.2248	29.070	1107.3	0.2319	34.872	928.5	0.2416
8	15.298	874.4	0.2035	22.474	961.1	0.2079	26.813	819.8	0.2164
9	5.911	666.2	0.1949	8.834	700.9	0.1983	10.567	655.4	0.2066
10	3.545	622.2	0.1936	5.252	640.7	0.1966	6.239	614.5	0.2046

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly B6 (Continued)

Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	8.295	652.9	0.7396	8.625	580.2	0.7396	8.758	573.9	0.7396
2	34.068	873.1	0.7160	35.110	620.1	0.7170	35.512	599.9	0.7174
3	42.004	914.9	0.5544	43.468	641.6	0.5608	44.013	612.2	0.5632
4	44.246	930.0	0.4144	46.235	671.6	0.4255	46.960	628.8	0.4303
5	43.920	929.5	0.3379	46.244	691.5	0.3500	47.120	643.1	0.3562
6	42.109	925.1	0.2848	44.600	701.5	0.2965	45.638	658.8	0.3035
7	38.223	903.0	0.2469	40.670	698.9	0.2579	41.845	672.2	0.2656
8	29.437	816.3	0.2212	31.324	665.8	0.2311	32.373	659.9	0.2388
9	11.658	658.2	0.2113	12.351	599.5	0.2200	12.759	599.6	0.2272
10	6.892	618.8	0.2098	7.245	581.5	0.2173	7.451	581.4	0.2235
Statepoint 10 (495.2, EOC Cy 7)									
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)						
	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7						
1	8.942	571.6	0.7396						
2	36.042	592.0	0.7178						
3	44.688	599.4	0.5661						
4	47.891	613.6	0.4365						
5	48.340	629.7	0.3654						
6	47.223	650.7	0.3156						
7	43.787	671.7	0.2796						
8	34.197	664.8	0.2533						
9	13.493	602.7	0.2409						
10	7.823	583.0	0.2353						

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly B7

Datapoint 1 (BOC Cy 4)			Datapoint 2 (208.6 EFPD Cy 4)			Datapoint 3 (BOC Cy 5)			
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	0.00 Cy 4	0.00 Cy 4	0.00 Cy 4	208.6 Cy 4	208.6 Cy 4	208.6 Cy 4	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5
1	0.000		0.7396	1.075	622.1	0.7396	2.292	649.3	0.7396
2	0.000		0.7132	5.275	879.6	0.7286	11.254	1060.0	0.7172
3	0.000		0.5122	8.202	1096.1	0.5743	15.682	1204.3	0.5399
4	0.000	Data	0.3703	9.164	1185.4	0.4073	16.575	1195.7	0.3834
5	0.000	Not	0.3056	8.465	1119.5	0.3229	15.775	1183.3	0.3043
6	0.000	Required	0.2671	7.390	1025.4	0.2723	14.493	1158.4	0.2544
7	0.000		0.2439	6.108	923.7	0.2404	12.505	1077.7	0.2211
8	0.000		0.2291	4.923	840.1	0.2180	9.800	924.9	0.1995
9	0.000		0.2232	1.949	661.0	0.2082	3.831	682.9	0.1905
10	0.000		0.2220	1.203	622.2	0.2067	2.338	633.3	0.1891
Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6
1	3.717	632.1	0.7396	4.643	608.7	0.7396	6.338	666.8	0.7396
2	17.457	888.7	0.7208	21.178	752.0	0.7245	27.399	984.5	0.7230
3	23.066	948.0	0.5598	27.814	801.7	0.5811	34.556	1006.8	0.5777
4	24.293	970.7	0.4094	29.904	854.2	0.4414	36.577	1000.8	0.4390
5	23.437	966.8	0.3301	29.615	890.7	0.3637	36.061	981.4	0.3620
6	21.818	944.1	0.2786	28.408	918.3	0.3109	34.501	951.9	0.3097
7	19.049	893.8	0.2438	25.639	918.3	0.2740	31.370	922.6	0.2729
8	14.470	784.4	0.2193	19.668	829.4	0.2463	24.225	835.2	0.2454
9	5.525	636.2	0.2091	7.533	655.2	0.2348	9.317	658.2	0.2340
10	3.285	603.3	0.2065	4.395	612.9	0.2307	5.400	615.5	0.2304

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly B7 (Continued)

Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)				
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	7.494	680.0	0.7396	7.981	589.9	0.7396	8.170	579.7	0.7396	
2	31.226	988.1	0.7221	32.821	652.5	0.7233	33.412	618.1	0.7238	
3	38.645	1002.0	0.5759	40.771	679.7	0.5824	41.589	637.6	0.5857	
4	40.692	1005.6	0.4377	43.251	705.7	0.4468	44.349	664.6	0.4526	
5	40.171	1004.9	0.3610	42.866	714.0	0.3696	44.164	684.5	0.3760	
6	38.559	997.6	0.3086	41.219	711.9	0.3163	42.655	698.7	0.3225	
7	35.196	965.4	0.2716	37.641	698.8	0.2784	39.101	701.2	0.2843	
8	27.198	857.4	0.2442	29.000	661.0	0.2503	30.173	672.1	0.2556	
9	10.525	669.1	0.2328	11.189	598.0	0.2385	11.637	603.2	0.2434	
10	6.089	622.0	0.2294	6.437	581.2	0.2346	6.671	583.9	0.2391	
Statepoint 10 (495.2, EOC Cy 7)										
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)							
	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7							
1	8.386	573.6	0.7396							
2	34.052	598.3	0.7242							
3	42.426	608.4	0.5890							
4	45.553	628.9	0.4601							
5	45.761	651.4	0.3868							
6	44.669	676.1	0.3352							
7	41.438	695.8	0.2976							
8	32.257	680.4	0.2685							
9	12.464	607.8	0.2557							
10	7.097	585.9	0.2502							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly B8

		Datapoint 1 (BOC Cy 4)			Datapoint 2 (208.6 EFPD Cy 4)			Datapoint 3 (BOC Cy 5)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 4	0.00 Cy 4	0.00 Cy 4	208.6 Cy 4	208.6 Cy 4	208.6 Cy 4	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	
1	0.000		0.7396	1.263	633.4	0.7396	2.605	659.0	0.7396	
2	0.000		0.7123	6.087	942.2	0.7208	12.486	1108.0	0.7110	
3	0.000		0.5097	9.015	1171.6	0.5402	16.761	1237.6	0.5143	
4	0.000	Data	0.3680	9.857	1254.9	0.3754	17.566	1232.9	0.3595	
5	0.000	Not	0.3033	9.077	1177.3	0.2964	16.682	1219.7	0.2847	
6	0.000	Required	0.2649	7.899	1069.0	0.2492	15.181	1180.0	0.2380	
7	0.000		0.2416	6.416	947.2	0.2195	12.826	1079.4	0.2071	
8	0.000		0.2267	4.951	842.1	0.1996	9.775	919.9	0.1870	
9	0.000		0.2207	1.949	661.0	0.1911	3.823	682.3	0.1786	
10	0.000		0.2196	1.215	622.9	0.1896	2.352	633.4	0.1773	
		Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	
1	4.710	668.7	0.7396	6.411	651.5	0.7396	8.014	660.7	0.7396	
2	21.287	1075.5	0.7084	27.676	923.2	0.7111	33.267	930.4	0.7132	
3	26.692	1136.3	0.5120	34.417	999.3	0.5257	41.007	993.6	0.5350	
4	27.467	1133.9	0.3620	35.919	1055.0	0.3788	42.658	1006.5	0.3889	
5	26.285	1110.0	0.2890	35.181	1090.8	0.3048	41.633	981.9	0.3141	
6	24.311	1073.1	0.2424	33.515	1116.2	0.2562	39.473	941.0	0.2647	
7	21.155	1013.9	0.2110	30.210	1103.9	0.2225	35.433	883.4	0.2305	
8	15.916	870.0	0.1901	23.059	958.8	0.1990	26.972	790.4	0.2067	
9	6.184	666.7	0.1816	9.102	700.6	0.1896	10.656	645.4	0.1974	
10	3.734	622.3	0.1802	5.439	640.6	0.1878	6.308	608.2	0.1951	

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly B8 (Continued)

Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	8.991	860.3	0.7396	9.180	571.7	0.7396	9.257	568.2	0.7396
2	36.441	897.9	0.7144	37.004	593.1	0.7149	37.229	583.0	0.7151
3	44.609	935.4	0.5407	45.408	605.2	0.5445	45.714	590.3	0.5460
4	46.327	944.2	0.3956	47.496	625.3	0.4042	47.928	601.7	0.4073
5	45.290	942.5	0.3205	46.751	641.5	0.3325	47.314	613.7	0.3374
6	43.085	936.6	0.2708	44.725	651.5	0.2840	45.431	627.0	0.2906
7	38.856	912.2	0.2362	40.525	653.2	0.2495	41.349	638.1	0.2575
8	29.617	818.7	0.2120	30.942	633.9	0.2246	31.684	630.3	0.2331
9	11.724	656.1	0.2027	12.210	588.5	0.2138	12.496	588.6	0.2216
10	6.906	614.0	0.2001	7.150	575.7	0.2096	7.292	575.6	0.2163
Statepoint 10 (495.2, EOC Cy 7)									
Node	Burnup	Fuel	Mod. Dens.						
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)						
	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7						
1	9.357	566.4	0.7396						
2	37.506	577.7	0.7154						
3	46.071	582.2	0.5476						
4	48.447	591.0	0.4111						
5	48.035	602.0	0.3436						
6	46.429	617.3	0.3004						
7	42.643	633.9	0.2709						
8	32.941	631.8	0.2485						
9	12.994	589.8	0.2363						
10	7.540	576.2	0.2288						

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly B9

Datapoint 1 (BOC Cy 4)										Datapoint 2 (208.6 EFPD Cy 4)			Datapoint 3 (BOC Cy 5)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.						
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)						
	0.00 Cy 4	0.00 Cy 4	0.00 Cy 4	208.6 Cy 4	208.6 Cy 4	208.6 Cy 4	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5						
1	0.000		0.7396	1.186	628.8	0.7396	2.541	660.0	0.7396						
2	0.000		0.7096	5.734	914.3	0.7241	12.196	1115.4	0.7120						
3	0.000		0.5060	8.495	1122.5	0.5563	16.174	1229.2	0.5225						
4	0.000	Data	0.3683	9.345	1203.2	0.3924	16.856	1208.1	0.3699						
5	0.000	Not	0.3049	8.724	1143.5	0.3111	16.082	1189.2	0.2943						
6	0.000	Required	0.2668	7.796	1059.8	0.2616	14.775	1143.9	0.2466						
7	0.000		0.2436	6.553	957.7	0.2295	12.618	1041.9	0.2151						
8	0.000		0.2286	5.135	854.7	0.2078	9.748	900.1	0.1941						
9	0.000		0.2226	2.034	665.5	0.1984	3.856	678.8	0.1852						
10	0.000		0.2214	1.265	625.4	0.1968	2.370	631.4	0.1839						
Datapoint 4 (239.5 EFPD Cy 5)										Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.						
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)						
	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6						
1	4.409	655.8	0.7396	6.272	660.8	0.7396	8.044	672.0	0.7396						
2	20.297	1021.5	0.7122	27.234	963.0	0.7127	33.299	970.9	0.7137						
3	25.653	1100.2	0.5256	33.756	1027.9	0.5321	40.639	1019.2	0.5376						
4	26.388	1104.3	0.3756	35.107	1076.3	0.3856	42.027	1022.5	0.3921						
5	25.260	1076.8	0.3009	34.381	1109.3	0.3107	41.075	1002.7	0.3170						
6	23.387	1034.3	0.2531	32.786	1132.7	0.2613	39.067	967.5	0.2673						
7	20.291	968.0	0.2211	29.444	1112.2	0.2270	35.085	915.6	0.2327						
8	15.253	831.9	0.1994	22.278	950.6	0.2032	26.629	820.6	0.2090						
9	5.913	652.6	0.1904	8.716	694.7	0.1937	10.479	657.1	0.1995						
10	3.559	613.8	0.1888	5.191	637.2	0.1918	6.189	615.1	0.1974						

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly B9 (Continued)

Statepoint 7 (BOC Cy 7)				Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	9.138	673.2	0.7396	9.366	574.0	0.7396	9.459	569.8	0.7396
2	36.785	939.8	0.7144	37.461	599.4	0.7151	37.726	586.9	0.7153
3	44.611	985.5	0.5412	45.560	613.3	0.5457	45.931	596.2	0.5475
4	46.115	1001.8	0.3963	47.432	633.4	0.4057	47.963	610.8	0.4095
5	45.158	1001.1	0.3211	46.720	647.1	0.3330	47.406	625.1	0.3388
6	43.092	992.9	0.2710	44.781	654.3	0.2836	45.616	639.1	0.2908
7	38.892	962.9	0.2362	40.568	653.6	0.2486	41.498	648.3	0.2566
8	29.601	857.4	0.2121	30.912	633.1	0.2237	31.713	636.0	0.2318
9	11.708	671.1	0.2026	12.185	588.0	0.2129	12.489	590.2	0.2203
10	6.890	623.1	0.2003	7.128	575.4	0.2091	7.279	576.4	0.2155
Statepoint 10 (495.2, EOC Cy 7)									
Node	Burnup	Fuel	Mod. Dens.						
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)						
	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7						
1	9.565	566.8	0.7396						
2	38.019	578.5	0.7156						
3	46.317	583.8	0.5492						
4	48.538	594.0	0.4137						
5	48.212	606.6	0.3457						
6	46.719	623.1	0.3013						
7	42.904	640.3	0.2706						
8	33.066	637.3	0.2475						
9	13.023	591.8	0.2351						
10	7.543	577.1	0.2281						

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly B10

		Datapoint 1 (BOC Cy 4)			Datapoint 2 (208.6 EFPD Cy 4)			Datapoint 3 (BOC Cy 5)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 4	0.00 Cy 4	0.00 Cy 4	208.6 Cy 4	208.6 Cy 4	208.6 Cy 4	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	
1	0.000		0.7396	1.354	639.0	0.7396	2.676	657.4	0.7396	
2	0.000		0.7101	6.498	975.6	0.7171	12.787	1094.9	0.7101	
3	0.000		0.5040	9.250	1194.1	0.5274	16.853	1219.4	0.5101	
4	0.000	Data	0.3648	9.845	1253.7	0.3666	17.448	1219.5	0.3568	
5	0.000	Not	0.3018	8.996	1169.5	0.2908	16.488	1205.6	0.2837	
6	0.000	Required	0.2640	7.757	1056.7	0.2454	14.928	1166.6	0.2380	
7	0.000		0.2409	6.233	933.3	0.2169	12.572	1071.5	0.2076	
8	0.000		0.2261	4.784	830.8	0.1978	9.556	915.0	0.1876	
9	0.000		0.2203	1.874	657.0	0.1896	3.722	680.5	0.1793	
10	0.000		0.2191	1.167	620.4	0.1883	2.283	632.1	0.1780	
		Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	
1	3.970	625.2	0.7396	4.821	604.6	0.7396	5.812	620.8	0.7396	
2	18.441	853.7	0.7165	21.824	732.7	0.7209	25.700	798.3	0.7235	
3	23.794	918.9	0.5424	28.160	779.4	0.5668	33.149	865.8	0.5801	
4	24.808	946.4	0.3953	30.036	830.4	0.4316	35.249	882.4	0.4465	
5	23.825	944.9	0.3202	29.624	866.1	0.3583	34.681	870.8	0.3717	
6	21.964	925.0	0.2717	28.181	893.3	0.3088	32.927	847.8	0.3207	
7	18.867	878.2	0.2391	25.128	896.2	0.2745	29.503	821.3	0.2855	
8	14.075	776.1	0.2155	19.079	817.6	0.2480	22.818	778.4	0.2592	
9	5.353	633.3	0.2051	7.280	651.3	0.2363	8.741	640.2	0.2472	
10	3.188	601.5	0.2020	4.242	610.3	0.2311	5.150	610.3	0.2435	

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly B10 (Continued)

Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	6.617	641.8	0.7396	7.711	628.5	0.7396	8.455	639.7	0.7396
2	28.540	855.2	0.7239	32.457	805.4	0.7254	35.102	849.1	0.7259
3	36.755	936.3	0.5831	42.064	896.1	0.5912	45.540	944.5	0.5930
4	39.068	964.4	0.4492	45.191	961.9	0.4576	49.007	993.7	0.4588
5	38.513	966.1	0.3738	44.519	952.1	0.3798	48.426	1007.3	0.3802
6	36.728	962.0	0.3219	42.108	901.5	0.3263	45.783	973.1	0.3262
7	33.105	935.4	0.2858	37.446	823.7	0.2893	40.496	887.0	0.2889
8	25.588	833.3	0.2590	28.619	735.7	0.2623	30.773	777.4	0.2621
9	9.854	660.3	0.2469	11.051	626.8	0.2505	11.930	643.4	0.2505
10	5.813	619.7	0.2439	6.482	598.2	0.2474	6.985	608.2	0.2474
Statepoint 10 (495.2, EOC Cy 7)									
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)						
	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7						
1	9.961	658.3	0.7396						
2	39.640	861.4	0.7262						
3	50.383	869.4	0.5960						
4	54.237	899.9	0.4636						
5	54.262	950.2	0.3851						
6	52.278	1008.3	0.3302						
7	47.183	1025.8	0.2913						
8	36.054	905.8	0.2630						
9	14.166	689.5	0.2508						
10	8.263	633.0	0.2478						

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C1

Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6
1	0.000		0.7396	1.543	638.0	0.7396	2.776	625.1	0.7396
2	0.000		0.7237	6.921	935.2	0.7237	12.707	879.7	0.7261
3	0.000		0.5668	8.859	1050.2	0.5668	16.503	991.1	0.5793
4	0.000	Data	0.4168	9.145	1071.8	0.4168	17.324	1031.4	0.4328
5	0.000	Not	0.3380	8.722	1040.1	0.3380	17.100	1046.8	0.3526
6	0.000	Required	0.2868	8.005	988.7	0.2868	16.468	1053.4	0.2983
7	0.000		0.2524	6.768	906.6	0.2524	14.728	1014.9	0.2601
8	0.000		0.2308	4.489	773.8	0.2308	10.134	856.9	0.2350
9	0.000		0.2228	1.599	631.6	0.2228	3.659	657.3	0.2255
10	0.000		0.2214	0.963	603.8	0.2214	2.150	616.2	0.2237
Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7
1	3.734	618.5	0.7396	4.763	665.6	0.7396	6.044	640.4	0.7396
2	17.204	842.3	0.7268	21.228	1014.4	0.7245	26.388	899.8	0.7252
3	23.423	1021.2	0.5855	27.552	1005.6	0.5811	34.077	994.5	0.5839
4	25.024	1091.7	0.4376	28.985	981.9	0.4360	35.849	1024.4	0.4384
5	24.548	1068.1	0.3548	28.440	972.5	0.3548	34.959	994.0	0.3570
6	23.211	1005.0	0.2992	27.044	964.4	0.3000	32.829	932.4	0.3023
7	20.576	930.5	0.2612	24.186	934.8	0.2621	28.906	850.0	0.2648
8	14.395	813.7	0.2364	17.182	834.2	0.2372	20.590	759.4	0.2403
9	5.132	640.6	0.2268	6.139	650.2	0.2274	7.376	628.7	0.2308
10	2.973	605.7	0.2250	3.534	610.6	0.2256	4.223	599.2	0.2290
Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)			
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	6.810	641.9	0.7396	8.192	649.4	0.7396	8.196	572.9	0.7396
2	29.412	898.7	0.7254	33.993	863.4	0.7257	34.007	602.6	0.7257
3	37.812	979.8	0.5847	42.949	891.0	0.5887	42.969	620.1	0.5888
4	39.667	992.0	0.4394	45.386	938.5	0.4466	45.414	641.9	0.4468
5	38.764	990.0	0.3582	44.994	982.4	0.3656	45.026	653.7	0.3658
6	36.728	1003.9	0.3033	43.375	1019.9	0.3099	43.408	657.7	0.3101
7	32.431	949.9	0.2654	39.092	1021.2	0.2707	39.124	654.7	0.2709
8	23.153	825.1	0.2407	28.384	900.3	0.2445	28.410	635.1	0.2447
9	8.325	649.8	0.2311	10.338	675.5	0.2343	10.347	587.8	0.2345
10	4.757	610.9	0.2292	5.884	624.2	0.2323	5.889	576.7	0.2324

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C2

Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6
1	0.000		0.7396	1.704	646.6	0.7396	3.158	637.3	0.7396
2	0.000		0.7188	7.471	973.7	0.7188	14.154	942.7	0.7197
3	0.000		0.5447	9.512	1100.0	0.5447	18.059	1060.1	0.5513
4	0.000	Data	0.3928	9.823	1124.7	0.3928	18.836	1097.6	0.4025
5	0.000	Not	0.3163	9.321	1085.3	0.3163	18.536	1114.4	0.3250
6	0.000	Required	0.2674	8.500	1024.0	0.2674	17.821	1123.2	0.2732
7	0.000		0.2348	7.184	933.6	0.2348	16.058	1086.6	0.2368
8	0.000		0.2143	4.795	790.6	0.2143	11.138	902.6	0.2131
9	0.000		0.2066	1.743	638.1	0.2066	4.105	672.1	0.2040
10	0.000		0.2053	1.060	608.0	0.2053	2.444	625.3	0.2024
Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7
1	4.364	634.3	0.7396	5.065	630.5	0.7396	5.870	609.7	0.7396
2	19.250	888.6	0.7222	21.946	836.1	0.7236	25.148	754.2	0.7256
3	23.902	929.9	0.5663	26.968	866.1	0.5751	31.189	814.1	0.5883
4	24.607	924.2	0.4214	27.762	876.9	0.4333	33.539	932.8	0.4554
5	24.092	907.2	0.3440	27.239	875.9	0.3557	33.808	998.3	0.3750
6	23.019	880.0	0.2912	26.115	869.8	0.3024	32.462	979.1	0.3174
7	20.722	840.8	0.2541	23.651	849.7	0.2649	29.224	915.3	0.2769
8	14.653	763.0	0.2308	16.977	781.7	0.2415	20.948	797.7	0.2514
9	5.368	629.1	0.2210	6.228	636.9	0.2313	7.582	635.2	0.2402
10	3.139	598.9	0.2183	3.608	602.7	0.2282	4.333	601.1	0.2367
Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)			
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	6.173	591.6	0.7396	6.943	608.7	0.7396	6.952	589.0	0.7396
2	26.332	677.3	0.7267	28.940	719.4	0.7283	28.969	646.1	0.7283
3	32.847	721.4	0.5962	36.097	753.8	0.6065	36.136	673.5	0.6067
4	35.460	749.6	0.4677	39.333	796.4	0.4837	39.379	698.9	0.4838
5	35.819	759.6	0.3882	40.180	831.7	0.4051	40.228	703.2	0.4052
6	34.545	767.7	0.3307	39.436	871.8	0.3474	39.485	704.2	0.3475
7	31.332	770.5	0.2904	36.588	900.5	0.3063	36.634	695.7	0.3064
8	23.234	791.4	0.2683	27.646	836.3	0.2819	27.682	664.9	0.2820
9	8.427	639.8	0.2559	10.123	656.8	0.2688	10.137	601.7	0.2689
10	4.802	605.0	0.2521	5.729	613.1	0.2649	5.736	582.2	0.2649

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C3

Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6
1	0.000		0.7396	1.827	653.2	0.7396	3.266	636.5	0.7396
2	0.000		0.7140	8.029	1014.5	0.7140	14.568	932.1	0.7174
3	0.000		0.5279	9.846	1126.6	0.5279	18.136	1039.9	0.5451
4	0.000	Data	0.3794	9.990	1138.2	0.3794	18.813	1082.1	0.3988
5	0.000	Not	0.3058	9.489	1098.4	0.3058	18.576	1103.7	0.3227
6	0.000	Required	0.2585	8.683	1037.4	0.2585	17.949	1118.6	0.2715
7	0.000		0.2268	7.369	945.8	0.2268	16.272	1088.9	0.2355
8	0.000		0.2068	4.938	798.5	0.2068	11.370	908.5	0.2117
9	0.000		0.1992	1.794	640.4	0.1992	4.193	673.9	0.2026
10	0.000		0.1980	1.094	609.5	0.1980	2.496	626.1	0.2008
Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7
1	4.255	620.5	0.7396	4.796	613.9	0.7396	6.086	641.0	0.7396
2	18.716	816.8	0.7216	20.813	766.5	0.7237	26.020	903.7	0.7244
3	23.176	868.1	0.5682	25.669	799.7	0.5798	32.337	1007.1	0.5820
4	24.020	880.6	0.4278	26.697	820.4	0.4439	33.819	1047.9	0.4433
5	23.628	869.0	0.3499	26.364	827.1	0.3661	33.246	1026.1	0.3644
6	22.693	846.5	0.2966	25.433	827.5	0.3121	31.598	963.9	0.3105
7	20.563	814.4	0.2592	23.207	816.7	0.2742	28.276	876.2	0.2732
8	14.639	747.1	0.2358	16.787	762.6	0.2510	20.433	775.3	0.2500
9	5.376	624.8	0.2257	6.178	631.8	0.2404	7.496	633.2	0.2398
10	3.139	596.2	0.2223	3.571	599.5	0.2361	4.305	601.6	0.2360
Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	6.831	639.5	0.7396	8.230	650.5	0.7396	8.238	585.8	0.7396
2	28.918	881.3	0.7249	33.486	862.5	0.7252	33.514	643.9	0.7252
3	35.991	967.9	0.5838	41.203	897.1	0.5881	41.242	675.8	0.5882
4	37.583	983.9	0.4447	43.399	946.7	0.4512	43.447	702.1	0.4514
5	37.008	983.7	0.3655	43.323	990.0	0.3717	43.372	708.5	0.3719
6	35.499	1004.1	0.3112	42.230	1027.6	0.3162	42.277	700.0	0.3163
7	31.879	960.9	0.2733	38.676	1033.8	0.2767	38.718	684.2	0.2769
8	23.124	840.8	0.2496	28.546	915.7	0.2510	28.577	651.8	0.2511
9	8.506	655.6	0.2392	10.633	682.4	0.2401	10.644	593.3	0.2401
10	4.872	613.9	0.2356	6.071	628.3	0.2366	6.077	579.5	0.2368

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C4

		Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	
1	0.000		0.7396	1.788	651.1	0.7396	3.261	638.4	0.7396	
2	0.000		0.7159	7.765	995.0	0.7159	14.392	938.4	0.7180	
3	0.000		0.5344	9.686	1113.8	0.5344	18.110	1050.4	0.5461	
4	0.000	Data	0.3843	9.956	1135.4	0.3843	18.953	1096.4	0.3987	
5	0.000	Not	0.3091	9.491	1098.5	0.3091	18.777	1120.3	0.3219	
6	0.000	Required	0.2609	8.711	1039.4	0.2609	18.165	1134.4	0.2702	
7	0.000		0.2286	7.428	949.7	0.2286	16.419	1096.2	0.2339	
8	0.000		0.2082	4.993	801.6	0.2082	11.455	910.6	0.2102	
9	0.000		0.2005	1.817	641.4	0.2005	4.227	674.5	0.2010	
10	0.000		0.1992	1.107	610.1	0.1992	2.517	626.5	0.1993	
		Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	
1	4.628	644.8	0.7396	5.419	640.0	0.7396	6.261	612.0	0.7396	
2	20.217	948.2	0.7194	23.311	885.8	0.7207	26.479	752.0	0.7235	
3	24.829	1002.8	0.5549	28.341	921.8	0.5622	32.555	813.6	0.5790	
4	25.534	990.9	0.4093	29.062	923.9	0.4185	33.952	862.4	0.4418	
5	24.976	958.8	0.3326	28.444	916.3	0.3417	33.419	868.8	0.3633	
6	23.844	917.0	0.2809	27.225	905.1	0.2895	31.957	850.7	0.3088	
7	21.398	863.7	0.2447	24.561	878.0	0.2530	28.778	813.7	0.2704	
8	15.142	774.4	0.2215	17.611	797.7	0.2297	20.695	738.4	0.2460	
9	5.541	631.9	0.2120	6.442	640.6	0.2199	7.490	618.4	0.2349	
10	3.243	600.6	0.2098	3.738	604.9	0.2172	4.281	591.4	0.2309	
		Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8	
1	6.629	598.4	0.7396	7.118	590.7	0.7396	7.126	585.8	0.7396	
2	27.802	692.1	0.7247	29.416	655.8	0.7261	29.443	641.8	0.7261	
3	34.343	735.3	0.5872	36.400	678.3	0.5964	36.437	668.9	0.5965	
4	36.116	776.9	0.4550	38.820	718.3	0.4732	38.866	696.8	0.4733	
5	35.762	797.6	0.3773	39.064	757.3	0.4010	39.113	705.3	0.4012	
6	34.405	809.9	0.3223	38.274	796.2	0.3485	38.322	704.2	0.3486	
7	31.200	807.0	0.2835	35.430	822.0	0.3099	35.476	697.9	0.3100	
8	22.652	754.1	0.2589	26.287	780.3	0.2848	26.324	668.9	0.2849	
9	8.187	625.9	0.2469	9.528	636.3	0.2716	9.542	601.7	0.2716	
10	4.640	595.0	0.2419	5.326	599.9	0.2646	5.333	582.2	0.2647	

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C5

		Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	
1	0.000		0.7396	1.519	636.8	0.7396	2.661	620.2	0.7396	
2	0.000		0.7251	6.719	921.4	0.7251	12.026	847.9	0.7284	
3	0.000		0.5758	8.520	1025.2	0.5758	15.648	953.9	0.5925	
4	0.000	Data	0.4277	8.826	1047.7	0.4277	16.601	1000.8	0.4485	
5	0.000	Not	0.3480	8.457	1020.7	0.3480	16.483	1019.7	0.3668	
6	0.000	Required	0.2957	7.805	974.8	0.2957	15.957	1029.3	0.3108	
7	0.000		0.2604	6.653	899.3	0.2604	14.353	995.4	0.2713	
8	0.000		0.2381	4.442	771.2	0.2381	9.937	847.4	0.2453	
9	0.000		0.2298	1.575	630.6	0.2298	3.576	654.5	0.2353	
10	0.000		0.2284	0.944	603.0	0.2284	2.090	614.3	0.2334	
		Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	
1	3.913	637.3	0.7396	4.669	636.3	0.7396	5.339	601.2	0.7396	
2	17.450	914.8	0.7281	20.454	874.3	0.7284	23.330	741.7	0.7305	
3	21.798	954.8	0.5946	25.133	899.2	0.5983	29.371	815.4	0.6125	
4	22.586	941.3	0.4535	25.930	900.5	0.4594	30.943	871.7	0.4801	
5	22.186	918.8	0.3731	25.489	895.3	0.3794	30.381	862.6	0.3977	
6	21.270	888.6	0.3179	24.492	885.3	0.3240	28.843	823.2	0.3394	
7	19.113	847.7	0.2789	22.130	860.3	0.2849	25.647	766.0	0.2982	
8	13.495	765.9	0.2534	15.858	785.9	0.2593	18.553	713.7	0.2726	
9	4.837	629.0	0.2434	5.694	636.7	0.2490	6.706	616.5	0.2622	
10	2.789	599.1	0.2412	3.260	602.9	0.2466	3.897	596.4	0.2613	
		Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8	
1	5.944	624.0	0.7396	7.483	660.2	0.7396	7.491	585.8	0.7396	
2	25.770	837.1	0.7302	30.929	910.9	0.7288	30.957	642.8	0.7288	
3	32.553	902.6	0.6129	38.122	926.0	0.6099	38.160	672.0	0.6100	
4	34.536	959.4	0.4814	40.502	959.4	0.4796	40.549	701.1	0.4798	
5	34.796	1086.2	0.3989	41.208	998.6	0.3973	41.258	709.6	0.3974	
6	33.324	1095.6	0.3382	40.312	1051.7	0.3362	40.361	708.5	0.3363	
7	29.380	980.1	0.2957	36.584	1072.3	0.2923	36.630	698.9	0.2925	
8	21.197	835.0	0.2697	26.971	945.2	0.2640	27.008	667.9	0.2642	
9	7.673	651.5	0.2591	9.934	690.6	0.2524	9.948	601.7	0.2526	
10	4.441	611.8	0.2581	5.725	633.1	0.2512	5.733	585.0	0.2513	

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C6

		Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	
1	0.000		0.7396	1.775	650.4	0.7396	3.644	660.7	0.7396	
2	0.000		0.7151	7.869	1002.7	0.7151	16.029	1056.3	0.7094	
3	0.000		0.5301	9.873	1128.7	0.5301	19.568	1155.2	0.5183	
4	0.000	Data	0.3799	10.073	1144.9	0.3799	20.146	1188.4	0.3733	
5	0.000	Not	0.3059	9.515	1100.4	0.3059	19.803	1207.7	0.3000	
6	0.000	Required	0.2587	8.715	1039.7	0.2587	19.074	1214.2	0.2510	
7	0.000		0.2268	7.509	955.1	0.2268	17.275	1161.8	0.2164	
8	0.000		0.2064	5.138	809.8	0.2064	12.189	951.6	0.1938	
9	0.000		0.1985	1.870	643.8	0.1985	4.508	685.9	0.1849	
10	0.000		0.1973	1.138	611.4	0.1973	2.698	633.5	0.1835	
		Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	
1	5.498	677.1	0.7396	6.526	665.5	0.7396	7.714	634.3	0.7396	
2	23.391	1088.0	0.7078	27.188	981.5	0.7090	31.624	842.9	0.7123	
3	27.738	1137.2	0.5162	32.132	1043.8	0.5215	38.414	974.1	0.5365	
4	28.118	1117.8	0.3731	32.557	1050.6	0.3785	39.671	1047.1	0.3941	
5	27.438	1085.6	0.3011	31.814	1041.3	0.3062	38.679	1024.6	0.3185	
6	26.134	1032.9	0.2529	30.408	1026.4	0.2576	36.519	959.3	0.2676	
7	23.435	955.8	0.2191	27.485	994.4	0.2235	32.418	866.0	0.2321	
8	16.799	838.1	0.1970	19.998	883.9	0.2011	23.468	763.6	0.2093	
9	6.210	653.3	0.1884	7.430	669.8	0.1922	8.728	632.1	0.2004	
10	3.665	613.3	0.1868	4.356	622.0	0.1904	5.087	601.4	0.1984	
		Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (EOC Cy 7)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7				
1	8.463	640.0	0.7396	9.892	652.6	0.7396				
2	34.402	865.3	0.7137	38.835	851.7	0.7154				
3	42.216	989.7	0.5423	47.373	892.6	0.5510				
4	43.750	1031.4	0.3993	49.582	948.1	0.4108				
5	42.766	1032.5	0.3229	49.184	999.1	0.3341				
6	40.530	1021.0	0.2713	47.476	1047.7	0.2816				
7	35.915	946.2	0.2353	42.977	1058.7	0.2444				
8	25.992	820.2	0.2122	31.618	932.8	0.2197				
9	9.703	652.3	0.2034	11.965	690.6	0.2102				
10	5.645	613.1	0.2012	6.934	633.4	0.2079				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C7

Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6
1	0.000		0.7396	1.791	651.3	0.7396	3.407	646.4	0.7396
2	0.000		0.7153	7.845	1000.9	0.7153	15.084	983.9	0.7150
3	0.000		0.5314	9.814	1124.0	0.5314	18.783	1094.0	0.5344
4	0.000	Data	0.3807	10.091	1146.4	0.3807	19.553	1135.2	0.3871
5	0.000	Not	0.3059	9.600	1107.1	0.3059	19.339	1159.0	0.3115
6	0.000	Required	0.2581	8.825	1047.9	0.2581	18.733	1173.7	0.2608
7	0.000		0.2258	7.628	963.1	0.2258	17.073	1134.1	0.2250
8	0.000		0.2051	5.241	815.6	0.2051	12.076	936.3	0.2015
9	0.000		0.1971	1.934	646.7	0.1971	4.500	682.2	0.1925
10	0.000		0.1958	1.182	613.3	0.1958	2.694	631.3	0.1909
Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7
1	5.150	669.6	0.7396	5.960	642.0	0.7396	7.123	632.7	0.7396
2	22.049	1049.9	0.7121	25.087	878.8	0.7136	29.547	844.7	0.7164
3	26.517	1094.8	0.5311	30.029	922.0	0.5395	36.284	971.6	0.5521
4	27.204	1087.1	0.3873	30.799	932.6	0.3976	37.873	1043.5	0.4103
5	26.576	1048.7	0.3130	30.154	930.5	0.3229	36.999	1022.7	0.3329
6	25.386	997.2	0.2635	28.990	934.0	0.2732	35.065	956.4	0.2810
7	23.197	952.8	0.2301	27.287	1000.0	0.2414	32.063	854.3	0.2474
8	16.633	834.5	0.2068	19.857	887.0	0.2171	23.219	756.4	0.2231
9	6.137	649.7	0.1975	7.324	666.8	0.2069	8.584	630.0	0.2131
10	3.611	610.6	0.1956	4.268	619.0	0.2043	4.979	600.3	0.2105
Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (EOC Cy 7)						
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7			
1	7.898	642.9	0.7396	9.367	655.3	0.7396			
2	32.482	886.4	0.7174	37.144	869.9	0.7186			
3	40.215	1009.0	0.5558	45.485	901.7	0.5625			
4	42.085	1051.9	0.4131	47.917	948.1	0.4224			
5	41.260	1059.7	0.3350	47.664	998.0	0.3443			
6	39.125	1028.5	0.2826	46.105	1051.0	0.2909			
7	35.442	929.7	0.2484	42.482	1056.6	0.2548			
8	25.657	809.8	0.2241	31.289	933.3	0.2290			
9	9.532	649.7	0.2143	11.803	691.2	0.2187			
10	5.525	612.0	0.2117	6.825	634.0	0.2160			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C8

		Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	
1	0.000		0.7396	1.788	651.1	0.7396	3.262	638.4	0.7396	
2	0.000		0.7160	7.773	995.6	0.7160	14.406	938.9	0.7181	
3	0.000		0.5348	9.701	1115.0	0.5348	18.135	1051.2	0.5465	
4	0.000	Data	0.3846	9.972	1136.7	0.3846	18.981	1097.3	0.3991	
5	0.000	Not	0.3094	9.505	1099.6	0.3094	18.804	1121.4	0.3222	
6	0.000	Required	0.2612	8.725	1040.4	0.2612	18.191	1135.5	0.2705	
7	0.000		0.2289	7.439	950.5	0.2289	16.443	1097.2	0.2342	
8	0.000		0.2085	5.001	802.0	0.2085	11.473	911.3	0.2105	
9	0.000		0.2007	1.819	641.5	0.2007	4.232	674.6	0.2012	
10	0.000		0.1995	1.108	610.1	0.1995	2.520	626.6	0.1996	
		Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	
1	4.625	644.5	0.7396	5.414	639.8	0.7396	6.257	612.1	0.7396	
2	20.215	946.8	0.7196	23.305	885.3	0.7208	26.478	752.3	0.7237	
3	24.846	1002.0	0.5555	28.354	921.3	0.5628	32.570	813.8	0.5796	
4	25.561	990.8	0.4099	29.087	923.6	0.4192	33.979	862.6	0.4424	
5	25.005	959.0	0.3331	28.474	916.3	0.3422	33.452	869.0	0.3639	
6	23.873	917.2	0.2814	27.255	905.3	0.2900	31.991	851.0	0.3093	
7	21.426	864.0	0.2452	24.591	878.2	0.2535	28.812	814.0	0.2709	
8	15.164	774.7	0.2219	17.636	798.0	0.2301	20.724	738.7	0.2465	
9	5.547	632.0	0.2124	6.449	640.7	0.2203	7.498	618.5	0.2353	
10	3.247	600.6	0.2101	3.741	604.9	0.2176	4.286	591.5	0.2313	
		Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8	
1	6.626	598.6	0.7396	7.116	590.8	0.7396	7.124	585.8	0.7396	
2	27.802	692.3	0.7248	29.416	655.8	0.7262	29.443	640.8	0.7262	
3	34.359	735.4	0.5877	36.415	678.2	0.5969	36.452	667.4	0.5970	
4	36.143	776.9	0.4556	38.847	718.3	0.4738	38.893	696.8	0.4739	
5	35.796	797.7	0.3779	39.099	757.3	0.4016	39.147	705.3	0.4017	
6	34.441	810.2	0.3229	38.312	796.4	0.3490	38.361	705.3	0.3491	
7	31.236	807.2	0.2839	35.470	822.3	0.3104	35.516	697.9	0.3105	
8	22.683	754.3	0.2593	26.323	780.7	0.2853	26.360	668.9	0.2854	
9	8.197	626.1	0.2474	9.539	636.4	0.2720	9.553	601.7	0.2721	
10	4.644	594.9	0.2423	5.331	600.0	0.2650	5.338	582.2	0.2652	

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C9

		Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	
1	0.000		0.7396	1.646	643.5	0.7396	2.955	629.3	0.7396	
2	0.000		0.7200	7.361	965.9	0.7200	13.496	903.6	0.7227	
3	0.000		0.5510	9.261	1080.6	0.5510	17.230	1015.4	0.5644	
4	0.000	Data	0.4014	9.458	1095.9	0.4014	17.926	1053.8	0.4178	
5	0.000	Not	0.3249	8.988	1059.9	0.3249	17.657	1069.8	0.3396	
6	0.000	Required	0.2754	8.229	1004.5	0.2754	16.988	1077.0	0.2869	
7	0.000		0.2423	6.944	918.0	0.2423	15.182	1036.2	0.2499	
8	0.000		0.2215	4.584	779.0	0.2215	10.404	868.2	0.2257	
9	0.000		0.2138	1.629	633.0	0.2138	3.744	660.0	0.2165	
10	0.000		0.2126	0.984	604.7	0.2126	2.206	617.8	0.2147	
		Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	
1	4.725	671.4	0.7396	5.849	676.0	0.7396	7.193	644.6	0.7396	
2	20.881	1090.3	0.7168	25.106	1044.8	0.7155	30.099	886.5	0.7175	
3	25.378	1135.1	0.5479	30.055	1086.6	0.5449	36.377	977.1	0.5545	
4	25.729	1101.5	0.4047	30.370	1081.3	0.4024	37.022	1005.5	0.4121	
5	25.014	1059.7	0.3300	29.570	1068.1	0.3282	35.902	977.8	0.3363	
6	23.752	1006.7	0.2798	28.202	1052.3	0.2782	33.890	924.5	0.2852	
7	21.155	940.5	0.2445	25.318	1010.6	0.2428	30.117	855.8	0.2497	
8	14.881	828.7	0.2209	18.060	881.5	0.2188	21.477	760.1	0.2259	
9	5.360	648.5	0.2119	6.536	665.7	0.2097	7.733	626.5	0.2166	
10	3.126	610.8	0.2104	3.797	620.2	0.2081	4.445	597.0	0.2145	
		Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8	
1	7.856	630.4	0.7396	8.740	616.1	0.7396	8.748	585.8	0.7396	
2	32.472	813.2	0.7188	35.296	733.9	0.7207	35.322	640.8	0.7207	
3	39.510	896.3	0.5614	43.098	776.8	0.5727	43.134	666.6	0.5729	
4	40.491	941.8	0.4201	44.942	838.4	0.4383	44.986	691.5	0.4385	
5	39.441	951.6	0.3434	44.601	893.0	0.3630	44.649	703.2	0.3632	
6	37.386	945.5	0.2915	43.099	938.0	0.3100	43.147	702.1	0.3102	
7	33.287	901.1	0.2552	39.145	950.2	0.2722	39.190	692.6	0.2723	
8	23.836	800.4	0.2310	28.554	859.7	0.2463	28.589	660.9	0.2465	
9	8.594	641.3	0.2214	10.378	661.9	0.2360	10.391	598.9	0.2361	
10	4.914	605.0	0.2192	5.877	615.1	0.2329	5.883	579.5	0.2330	

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C10

		Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	
1	0.000		0.7396	1.732	648.1	0.7396	3.532	656.8	0.7396	
2	0.000		0.7170	7.625	984.8	0.7170	15.523	1035.2	0.7119	
3	0.000		0.5373	9.686	1113.8	0.5373	19.223	1141.7	0.5257	
4	0.000	Data	0.3859	9.975	1136.9	0.3859	19.953	1180.0	0.3793	
5	0.000	Not	0.3106	9.459	1096.0	0.3106	19.676	1201.3	0.3047	
6	0.000	Required	0.2624	8.708	1039.1	0.2624	19.009	1209.0	0.2547	
7	0.000		0.2296	7.651	964.6	0.2296	17.374	1158.0	0.2195	
8	0.000		0.2082	5.401	824.7	0.2082	12.467	952.6	0.1963	
9	0.000		0.1997	2.012	650.2	0.1997	4.687	687.7	0.1872	
10	0.000		0.1984	1.228	615.3	0.1984	2.815	634.8	0.1856	
		Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	
1	5.266	669.0	0.7396	6.485	686.6	0.7396	7.593	629.1	0.7396	
2	22.521	1053.1	0.7112	26.916	1071.1	0.7102	31.070	821.7	0.7129	
3	26.941	1093.4	0.5265	31.649	1091.3	0.5257	37.358	926.4	0.5398	
4	27.487	1076.0	0.3822	32.129	1081.4	0.3826	38.498	980.9	0.3994	
5	26.825	1040.7	0.3087	31.394	1070.3	0.3096	37.613	968.1	0.3245	
6	25.665	997.4	0.2594	30.125	1053.7	0.2605	36.601	990.2	0.2760	
7	23.532	955.4	0.2248	27.666	1006.5	0.2259	33.102	904.7	0.2385	
8	17.280	852.9	0.2019	20.427	877.5	0.2029	24.222	785.5	0.2139	
9	6.452	656.8	0.1927	7.643	667.1	0.1936	9.031	637.1	0.2041	
10	3.805	614.5	0.1908	4.482	620.7	0.1918	5.249	603.3	0.2017	
		Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (EOC Cy 7)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7				
1	8.019	604.6	0.7396	8.985	621.5	0.7396				
2	32.727	728.3	0.7147	35.877	756.3	0.7171				
3	39.826	812.6	0.5498	43.747	800.0	0.5620				
4	41.334	857.6	0.4124	46.003	854.8	0.4294				
5	40.509	865.2	0.3367	45.767	900.7	0.3537				
6	39.373	849.6	0.2865	45.047	934.7	0.3017				
7	35.596	815.5	0.2481	41.620	964.4	0.2826				
8	26.613	803.2	0.2252	31.980	910.7	0.2389				
9	10.112	662.5	0.2165	12.344	688.8	0.2294				
10	5.857	617.7	0.2136	7.146	633.4	0.2266				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C11

		Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	
1	0.000		0.7396	1.581	640.1	0.7396	3.263	650.1	0.7396	
2	0.000		0.7224	6.998	940.5	0.7224	14.427	998.4	0.7173	
3	0.000		0.5596	9.088	1067.4	0.5596	18.264	1111.1	0.5445	
4	0.000	Data	0.4069	9.515	1100.3	0.4069	19.195	1153.9	0.3963	
5	0.000	Not	0.3280	9.081	1067.0	0.3280	19.040	1178.3	0.3186	
6	0.000	Required	0.2772	8.393	1016.2	0.2772	18.492	1190.7	0.2662	
7	0.000		0.2426	7.499	954.1	0.2426	17.076	1145.5	0.2294	
8	0.000		0.2193	5.459	828.0	0.2193	12.432	945.9	0.2051	
9	0.000		0.2101	2.060	652.4	0.2101	4.709	686.4	0.1956	
10	0.000		0.2086	1.253	616.4	0.2086	2.823	634.0	0.1939	
		Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	
1	4.296	623.3	0.7396	5.161	647.9	0.7396	6.548	647.4	0.7396	
2	19.015	849.2	0.7212	22.386	922.3	0.7206	27.827	923.0	0.7214	
3	24.207	938.0	0.5637	28.425	1018.6	0.5648	35.355	1030.5	0.5675	
4	25.178	941.2	0.4174	29.519	1036.0	0.4189	36.928	1074.7	0.4206	
5	24.692	914.8	0.3384	28.969	1026.8	0.3402	36.094	1048.3	0.3413	
6	23.688	879.8	0.2846	27.878	1014.3	0.2864	34.304	986.1	0.2876	
7	21.772	843.0	0.2471	25.669	973.3	0.2485	30.883	887.4	0.2502	
8	16.352	789.9	0.2239	19.289	852.1	0.2247	22.920	774.3	0.2266	
9	6.143	638.4	0.2131	7.247	659.1	0.2138	8.603	635.3	0.2162	
10	3.712	609.1	0.2124	4.367	618.8	0.2136	5.125	602.8	0.2155	
		Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (EOC Cy 7)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7				
1	7.351	646.0	0.7396	8.779	652.5	0.7396				
2	30.904	906.1	0.7219	35.503	864.9	0.7226				
3	39.225	999.6	0.5693	44.430	896.5	0.5749				
4	40.948	1022.3	0.4224	46.811	950.7	0.4311				
5	40.101	1020.1	0.3429	46.517	999.0	0.3515				
6	38.260	1012.5	0.2890	45.147	1042.2	0.2967				
7	34.404	949.4	0.2514	41.382	1050.7	0.2577				
8	25.526	830.2	0.2276	31.071	925.9	0.2321				
9	9.626	656.9	0.2172	11.858	688.8	0.2214				
10	5.706	615.2	0.2164	6.969	631.9	0.2201				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C12

		Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	
1	0.000		0.7396	1.815	652.6	0.7396	3.248	636.2	0.7396	
2	0.000		0.7144	7.985	1011.2	0.7144	14.496	930.1	0.7178	
3	0.000		0.5295	9.817	1124.3	0.5295	18.085	1038.2	0.5465	
4	0.000	Data	0.3809	9.967	1136.3	0.3809	18.772	1080.7	0.4002	
5	0.000	Not	0.3070	9.466	1096.5	0.3070	18.536	1102.4	0.3238	
6	0.000	Required	0.2595	8.661	1035.7	0.2595	17.909	1117.2	0.2726	
7	0.000		0.2278	7.348	944.4	0.2278	16.235	1087.6	0.2364	
8	0.000		0.2077	4.925	797.8	0.2077	11.344	907.7	0.2125	
9	0.000		0.2001	1.790	640.2	0.2001	4.185	673.7	0.2034	
10	0.000		0.1989	1.090	609.3	0.1989	2.488	626.0	0.2017	
		Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	
1	4.228	619.9	0.7396	4.767	613.7	0.7396	6.054	640.8	0.7396	
2	18.613	814.5	0.7220	20.698	765.2	0.7240	25.894	902.8	0.7247	
3	23.097	866.0	0.5697	25.576	798.2	0.5811	32.232	1006.0	0.5832	
4	23.960	879.1	0.4292	26.626	819.1	0.4454	33.734	1046.6	0.4446	
5	23.574	867.9	0.3512	26.301	826.1	0.3675	33.172	1025.1	0.3657	
6	22.643	845.7	0.2977	25.375	826.7	0.3133	31.531	963.1	0.3116	
7	20.517	813.8	0.2602	23.156	816.0	0.2753	28.217	875.6	0.2742	
8	14.607	746.7	0.2368	16.751	762.2	0.2520	20.392	774.9	0.2510	
9	5.366	624.7	0.2267	6.168	631.8	0.2414	7.485	633.1	0.2408	
10	3.130	596.2	0.2233	3.561	599.4	0.2371	4.294	601.5	0.2370	
		Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8	
1	6.798	639.4	0.7396	8.196	650.5	0.7396	8.204	585.8	0.7396	
2	28.786	880.5	0.7252	33.341	861.5	0.7255	33.369	643.8	0.7255	
3	35.878	966.8	0.5851	41.078	896.1	0.5892	41.117	673.5	0.5894	
4	37.491	982.9	0.4460	43.296	945.8	0.4525	43.344	702.1	0.4527	
5	36.928	982.7	0.3667	43.233	989.1	0.3729	43.282	707.4	0.3730	
6	35.426	1003.2	0.3123	42.147	1026.7	0.3173	42.194	701.0	0.3174	
7	31.815	960.2	0.2743	38.603	1032.9	0.2777	38.645	684.2	0.2778	
8	23.080	840.4	0.2505	28.493	915.0	0.2519	28.525	652.8	0.2520	
9	8.494	655.5	0.2401	10.620	682.3	0.2409	10.632	596.1	0.2410	
10	4.861	613.9	0.2365	6.059	628.2	0.2375	6.065	579.5	0.2376	

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C13

		Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	
1	0.000		0.7396	1.574	639.7	0.7396	3.251	649.8	0.7396	
2	0.000		0.7225	6.965	938.2	0.7225	14.371	996.7	0.7174	
3	0.000		0.5602	9.057	1065.1	0.5602	18.212	1109.4	0.5449	
4	0.000	Data	0.4073	9.488	1098.2	0.4073	19.148	1152.2	0.3966	
5	0.000	Not	0.3284	9.056	1065.1	0.3284	18.993	1176.4	0.3189	
6	0.000	Required	0.2775	8.370	1014.5	0.2775	18.447	1188.8	0.2664	
7	0.000		0.2428	7.479	952.8	0.2428	17.035	1143.6	0.2295	
8	0.000		0.2196	5.445	827.2	0.2196	12.402	944.7	0.2053	
9	0.000		0.2104	2.056	652.2	0.2104	4.699	686.1	0.1957	
10	0.000		0.2089	1.250	616.3	0.2089	2.816	633.8	0.1941	
		Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	
1	4.036	607.7	0.7396	4.907	648.5	0.7396	6.318	649.0	0.7396	
2	17.979	778.3	0.7213	21.322	918.6	0.7218	26.933	937.3	0.7221	
3	24.125	936.5	0.5689	27.642	922.6	0.5731	34.518	1025.5	0.5734	
4	26.056	1019.3	0.4238	29.517	915.3	0.4300	36.778	1060.8	0.4293	
5	25.788	1009.3	0.3412	29.246	914.9	0.3484	36.294	1041.2	0.3479	
6	24.662	960.2	0.2846	28.111	913.7	0.2921	34.456	979.2	0.2924	
7	22.495	900.0	0.2457	25.782	893.3	0.2532	30.978	886.0	0.2542	
8	16.467	799.9	0.2210	19.053	810.9	0.2283	22.741	778.1	0.2297	
9	6.137	638.7	0.2102	7.099	646.1	0.2173	8.465	635.8	0.2192	
10	3.606	603.9	0.2076	4.136	608.0	0.2144	4.901	603.2	0.2164	
		Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (EOC Cy 7)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7				
1	7.121	646.0	0.7396	8.524	650.8	0.7396				
2	30.012	906.3	0.7226	34.574	861.9	0.7232				
3	38.274	982.8	0.5750	43.412	891.1	0.5802				
4	40.589	990.8	0.4309	46.280	936.2	0.4390				
5	40.075	986.3	0.3497	46.260	978.5	0.3580				
6	38.232	985.6	0.2942	44.875	1019.6	0.3019				
7	34.409	936.7	0.2559	41.142	1027.8	0.2624				
8	25.332	828.3	0.2312	30.689	910.5	0.2363				
9	9.469	655.1	0.2207	11.606	683.0	0.2254				
10	5.469	614.0	0.2181	6.676	628.7	0.2226				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C14

		Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	
1	0.000		0.7396	1.583	640.2	0.7396	2.878	628.5	0.7396	
2	0.000		0.7224	7.047	943.9	0.7224	13.078	896.5	0.7244	
3	0.000		0.5611	9.015	1061.9	0.5611	16.910	1009.8	0.5717	
4	0.000	Data	0.4104	9.322	1085.3	0.4104	17.736	1049.6	0.4242	
5	0.000	Not	0.3321	8.882	1052.0	0.3321	17.493	1065.2	0.3446	
6	0.000	Required	0.2815	8.143	998.4	0.2815	16.838	1071.8	0.2910	
7	0.000		0.2475	6.880	913.8	0.2475	15.066	1032.1	0.2533	
8	0.000		0.2262	4.566	778.0	0.2262	10.380	867.7	0.2287	
9	0.000		0.2182	1.635	633.2	0.2182	3.771	661.0	0.2193	
10	0.000		0.2169	0.987	604.9	0.2169	2.225	618.6	0.2176	
		Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	
1	4.487	660.7	0.7396	5.491	662.9	0.7396	6.074	595.8	0.7396	
2	19.729	1020.8	0.7214	23.492	976.7	0.7208	25.622	684.6	0.7232	
3	23.998	1035.3	0.5654	28.013	989.6	0.5660	30.969	729.9	0.5826	
4	24.503	1006.9	0.4218	28.456	980.8	0.4239	32.197	780.9	0.4524	
5	23.905	976.5	0.3448	27.780	970.2	0.3474	31.790	799.2	0.3773	
6	22.800	939.5	0.2927	26.553	953.6	0.2954	30.504	795.2	0.3230	
7	20.432	892.8	0.2561	23.897	915.9	0.2587	27.530	773.6	0.2841	
8	14.406	797.3	0.2320	17.064	819.2	0.2345	19.774	714.8	0.2588	
9	5.187	637.5	0.2226	6.147	645.9	0.2249	7.052	610.7	0.2469	
10	3.012	603.8	0.2208	3.546	608.3	0.2230	4.004	587.0	0.2426	
		Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8	
1	6.318	585.4	0.7396	6.644	580.4	0.7396	6.665	629.0	0.7396	
2	26.477	643.8	0.7240	27.545	623.0	0.7250	27.624	823.4	0.7250	
3	32.133	670.8	0.5889	33.497	637.6	0.5958	33.600	903.3	0.5959	
4	33.705	705.6	0.4649	35.560	666.2	0.4797	35.673	944.1	0.4798	
5	33.527	729.6	0.3929	35.903	697.7	0.4149	36.015	939.8	0.4149	
6	32.413	748.3	0.3399	35.353	733.4	0.3676	35.454	897.9	0.3676	
7	29.510	756.2	0.3013	32.878	761.7	0.3323	32.962	825.9	0.3322	
8	21.433	721.7	0.2764	24.430	737.3	0.3085	24.490	745.3	0.3085	
9	7.632	615.1	0.2634	8.715	621.8	0.2939	8.738	627.3	0.2938	
10	4.294	588.8	0.2572	4.834	592.0	0.2849	4.847	598.9	0.2848	

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C15

		Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	
1	0.000		0.7396	1.716	647.2	0.7396	3.493	655.5	0.7396	
2	0.000		0.7176	7.526	977.6	0.7176	15.284	1024.0	0.7127	
3	0.000		0.5414	9.468	1096.6	0.5414	18.878	1130.8	0.5297	
4	0.000	Data	0.3915	9.708	1115.5	0.3915	19.601	1172.5	0.3840	
5	0.000	Not	0.3161	9.247	1079.6	0.3161	19.396	1195.3	0.3089	
6	0.000	Required	0.2675	8.589	1030.4	0.2675	18.822	1202.7	0.2584	
7	0.000		0.2339	7.736	970.2	0.2339	17.410	1153.7	0.2226	
8	0.000		0.2112	5.659	839.8	0.2112	12.789	956.9	0.1987	
9	0.000		0.2021	2.141	656.1	0.2021	4.873	690.6	0.1892	
10	0.000		0.2006	1.304	618.6	0.2006	2.926	636.4	0.1876	
		Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	
1	5.086	659.6	0.7396	6.171	671.7	0.7396	6.912	605.7	0.7396	
2	22.024	1029.1	0.7126	26.090	1020.6	0.7126	29.082	739.8	0.7162	
3	26.915	1124.1	0.5298	31.288	1040.9	0.5321	35.708	828.3	0.5523	
4	27.581	1118.6	0.3841	31.815	1020.5	0.3877	36.903	877.3	0.4140	
5	26.901	1073.4	0.3099	31.036	1006.4	0.3139	35.954	864.6	0.3372	
6	25.617	1009.5	0.2604	29.653	992.4	0.2644	34.066	827.6	0.2844	
7	23.243	929.3	0.2257	27.004	954.9	0.2296	30.706	778.2	0.2471	
8	17.047	813.3	0.2025	19.908	843.1	0.2064	22.893	731.9	0.2243	
9	6.417	644.5	0.1932	7.486	655.9	0.1970	8.607	622.4	0.2143	
10	3.793	608.0	0.1914	4.393	614.0	0.1950	5.077	598.9	0.2131	
		Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (EOC Cy 7)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7				
1	7.365	607.5	0.7396	8.806	653.4	0.7396				
2	30.896	746.1	0.7179	35.493	864.8	0.7190				
3	38.284	825.5	0.5613	43.597	905.2	0.5676				
4	39.760	860.2	0.4251	45.753	961.8	0.4333				
5	38.912	873.2	0.3477	45.478	1012.6	0.3554				
6	38.212	1043.8	0.2965	45.041	1036.7	0.3025				
7	34.738	1024.8	0.2567	41.550	1035.2	0.2618				
8	25.722	858.5	0.2313	31.089	911.2	0.2351				
9	9.651	658.9	0.2208	11.797	683.6	0.2242				
10	5.649	614.4	0.2190	6.850	628.4	0.2221				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C16

Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6
1	0.000		0.7396	1.693	646.0	0.7396	3.305	646.2	0.7396
2	0.000		0.7193	7.358	965.7	0.7193	14.492	975.9	0.7175
3	0.000		0.5466	9.445	1094.9	0.5466	18.369	1090.4	0.5437
4	0.000	Data	0.3938	9.843	1126.3	0.3938	19.308	1135.5	0.3946
5	0.000	Not	0.3166	9.375	1089.5	0.3166	19.123	1159.8	0.3172
6	0.000	Required	0.2672	8.627	1033.2	0.2672	18.542	1174.4	0.2652
7	0.000		0.2338	7.532	956.5	0.2338	17.046	1140.0	0.2285
8	0.000		0.2121	5.285	818.1	0.2121	12.246	945.0	0.2042
9	0.000		0.2036	1.985	649.0	0.2036	4.642	686.8	0.1949
10	0.000		0.2022	1.212	614.6	0.2022	2.785	634.1	0.1933
Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7
1	5.053	670.0	0.7396	6.139	671.8	0.7396	7.544	648.6	0.7396
2	21.699	1073.0	0.7142	25.767	1021.1	0.7138	30.934	900.5	0.7159
3	26.381	1121.7	0.5362	30.964	1072.3	0.5365	37.477	993.4	0.5460
4	27.017	1092.5	0.3905	31.591	1071.0	0.3915	38.383	1018.0	0.4013
5	26.433	1055.4	0.3156	30.928	1058.9	0.3170	37.345	985.2	0.3255
6	25.277	1004.2	0.2654	29.656	1041.7	0.2669	35.362	926.0	0.2744
7	22.957	935.5	0.2300	27.037	998.7	0.2314	31.774	851.3	0.2388
8	16.720	828.4	0.2065	19.857	876.3	0.2077	23.212	755.9	0.2152
9	6.299	650.8	0.1973	7.494	667.5	0.1984	8.705	627.3	0.2056
10	3.723	611.7	0.1956	4.403	621.0	0.1967	5.065	597.7	0.2034
Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (EOC Cy 7)						
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.			
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)			
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7			
1	8.240	634.1	0.7396	9.192	620.6	0.7396			
2	33.419	827.3	0.7172	36.441	747.5	0.7192			
3	40.760	916.4	0.5529	44.587	793.3	0.5645			
4	41.999	962.5	0.4091	46.680	855.7	0.4269			
5	41.038	973.6	0.3324	46.418	910.6	0.3512			
6	38.979	962.6	0.2805	44.905	956.1	0.2983			
7	34.975	905.4	0.2440	40.995	964.0	0.2603			
8	25.554	798.5	0.2200	30.338	864.9	0.2345			
9	9.580	642.7	0.2102	11.425	665.5	0.2240			
10	5.547	606.1	0.2079	6.553	617.5	0.2208			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C17

Datapoint 3 (BOC Cy 5)										Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.			
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)			
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6						
1	0.000		0.7396	1.693	646.0	0.7396	3.141	637.0	0.7396						
2	0.000		0.7191	7.437	971.3	0.7191	14.098	941.1	0.7199						
3	0.000		0.5457	9.487	1098.1	0.5457	18.021	1059.0	0.5522						
4	0.000	Data	0.3937	9.805	1123.3	0.3937	18.806	1096.7	0.4033						
5	0.000	Not	0.3171	9.303	1083.9	0.3171	18.506	1113.4	0.3256						
6	0.000	Required	0.2681	8.482	1022.7	0.2681	17.790	1122.2	0.2737						
7	0.000		0.2354	7.170	932.7	0.2354	16.030	1085.4	0.2373						
8	0.000		0.2149	4.788	790.1	0.2149	11.120	901.9	0.2135						
9	0.000		0.2071	1.740	637.9	0.2071	4.099	672.0	0.2044						
10	0.000		0.2059	1.058	607.9	0.2059	2.440	625.2	0.2028						
Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)									
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.			
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)			
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7						
1	4.341	633.9	0.7396	5.040	630.3	0.7396	6.142	628.7	0.7396						
2	19.175	887.1	0.7225	21.866	835.5	0.7239	26.185	834.1	0.7254						
3	23.848	928.6	0.5672	26.909	865.4	0.5759	32.794	940.8	0.5846						
4	24.568	923.4	0.4222	27.716	876.1	0.4341	34.404	1008.7	0.4428						
5	24.054	906.7	0.3446	27.197	875.4	0.3563	33.663	989.4	0.3627						
6	22.983	879.5	0.2917	26.075	869.3	0.3030	31.790	926.7	0.3080						
7	20.690	840.5	0.2547	23.616	849.3	0.2654	28.254	844.1	0.2704						
8	14.632	762.8	0.2312	16.954	781.5	0.2420	20.241	751.5	0.2469						
9	5.361	629.1	0.2214	6.220	636.8	0.2318	7.398	625.5	0.2366						
10	3.134	598.9	0.2188	3.603	602.7	0.2286	4.259	597.4	0.2335						
Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (495.2, EOC Cy 7)			Statepoint 11 (3.67 EFPD Cy 8)									
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.			
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)			
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8						
1	6.553	603.0	0.7396	7.849	643.5	0.7396	7.857	585.8	0.7396						
2	27.882	732.8	0.7267	32.189	841.9	0.7271	32.213	632.7	0.7271						
3	35.291	816.1	0.5925	39.992	857.1	0.5969	40.025	657.5	0.5970						
4	37.320	867.9	0.454	42.450	890.5	0.4613	42.494	688.4	0.4615						
5	36.651	877.0	0.3732	42.387	940.0	0.3809	42.435	702.1	0.3811						
6	34.576	851.3	0.317	40.966	996.7	0.3239	41.014	702.1	0.3241						
7	30.540	791.1	0.2780	37.105	1012.5	0.2831	37.151	695.7	0.2833						
8	21.839	715.4	0.2539	27.094	902.1	0.2567	27.130	666.9	0.2569						
9	7.983	615.6	0.2436	10.043	678.4	0.2454	10.056	598.9	0.2455						
10	4.684	601.0	0.2422	5.910	629.8	0.2447	5.917	582.2	0.2448						

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C18

		Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	
1	0.000		0.7396	1.723	647.6	0.7396	3.519	656.6	0.7396	
2	0.000		0.7172	7.594	982.6	0.7172	15.473	1033.6	0.7122	
3	0.000		0.5383	9.663	1112.0	0.5383	19.188	1140.6	0.5265	
4	0.000	Data	0.3867	9.958	1135.6	0.3867	19.923	1178.9	0.3800	
5	0.000	Not	0.3113	9.443	1094.8	0.3113	19.648	1200.3	0.3053	
6	0.000	Required	0.2630	8.693	1038.0	0.2630	18.982	1207.8	0.2552	
7	0.000		0.2302	7.640	963.8	0.2302	17.351	1157.0	0.2199	
8	0.000		0.2087	5.394	824.4	0.2087	12.452	952.0	0.1967	
9	0.000		0.2002	2.010	650.1	0.2002	4.682	687.6	0.1875	
10	0.000		0.1989	1.226	615.2	0.1989	2.811	634.7	0.1861	
		Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	
1	5.248	668.7	0.7396	6.464	686.3	0.7396	7.497	624.3	0.7396	
2	22.458	1051.8	0.7115	26.844	1069.8	0.7104	30.708	800.5	0.7133	
3	26.895	1092.3	0.5273	31.595	1090.2	0.5264	36.977	900.5	0.5416	
4	27.449	1075.3	0.3829	32.086	1080.5	0.3833	38.206	959.8	0.4022	
5	26.789	1040.1	0.3092	31.354	1069.5	0.3102	37.375	951.5	0.3273	
6	25.632	996.8	0.2599	30.087	1053.0	0.2610	36.389	975.3	0.2786	
7	23.503	954.9	0.2252	27.633	1005.9	0.2263	32.925	893.5	0.2406	
8	17.261	852.6	0.2023	20.405	877.2	0.2033	24.104	779.0	0.2158	
9	6.446	656.8	0.1930	7.636	667.0	0.1940	8.988	635.1	0.2058	
10	3.800	614.4	0.1912	4.477	620.7	0.1922	5.219	602.0	0.2032	
		Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (EOC Cy 7)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7				
1	7.910	603.2	0.7396	8.878	621.6	0.7396				
2	32.305	721.7	0.7150	35.474	757.6	0.7174				
3	39.393	806.4	0.5516	43.270	796.8	0.5636				
4	41.052	858.9	0.4156	45.602	845.8	0.4322				
5	40.311	870.4	0.3398	45.458	891.9	0.3567				
6	39.143	847.3	0.2891	44.760	930.0	0.3044				
7	35.339	805.9	0.2500	41.344	962.8	0.2647				
8	26.415	793.9	0.2269	31.781	910.6	0.2409				
9	10.037	659.4	0.2182	12.273	689.0	0.2313				
10	5.808	615.9	0.2152	7.102	633.7	0.2284				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C19

		Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	
1	0.000		0.7396	1.713	647.1	0.7396	3.387	649.7	0.7396	
2	0.000		0.7182	7.509	976.5	0.7182	14.934	998.0	0.7156	
3	0.000		0.5422	9.569	1104.5	0.5422	18.695	1107.0	0.5370	
4	0.000	Data	0.3900	9.906	1131.4	0.3900	19.490	1145.6	0.3890	
5	0.000	Not	0.3137	9.403	1091.7	0.3137	19.231	1166.8	0.3129	
6	0.000	Required	0.2650	8.611	1032.1	0.2650	18.575	1178.7	0.2618	
7	0.000		0.2323	7.398	947.7	0.2323	16.922	1140.8	0.2257	
8	0.000		0.2114	5.061	805.4	0.2114	11.965	941.2	0.2022	
9	0.000		0.2034	1.861	643.4	0.2034	4.464	684.1	0.1931	
10	0.000		0.2021	1.133	611.2	0.2021	2.671	632.5	0.1915	
		Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	
1	4.289	615.0	0.7396	4.805	611.4	0.7396	5.496	602.5	0.7396	
2	18.806	796.9	0.7204	20.810	756.2	0.7226	23.799	739.6	0.7255	
3	23.596	857.9	0.5630	25.973	786.8	0.5751	30.243	817.6	0.5919	
4	24.687	879.8	0.4214	27.254	807.9	0.4384	32.195	866.2	0.4609	
5	24.288	869.4	0.3430	26.932	816.5	0.3605	31.755	857.5	0.3805	
6	23.309	845.7	0.2893	25.977	819.3	0.3062	30.288	820.4	0.3233	
7	21.188	812.6	0.2517	23.777	810.4	0.2680	27.286	765.5	0.2827	
8	15.193	744.5	0.2282	17.297	758.0	0.2448	19.981	713.0	0.2590	
9	5.620	623.4	0.2177	6.400	629.8	0.2337	7.408	616.2	0.2477	
10	3.294	595.2	0.2141	3.710	598.2	0.2289	4.335	595.8	0.2444	
		Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8	
1	6.116	625.7	0.7396	7.652	660.0	0.7396	7.659	582.5	0.7396	
2	26.232	820.7	0.7255	31.268	900.6	0.7251	31.293	635.6	0.7251	
3	33.333	890.4	0.5942	38.745	913.1	0.5949	38.780	661.3	0.5950	
4	35.697	946.6	0.4646	41.496	945.2	0.4665	41.540	690.5	0.4666	
5	36.102	1075.2	0.3845	42.375	986.2	0.3863	42.422	700.0	0.3865	
6	34.720	1087.4	0.3249	41.601	1041.7	0.3265	41.647	697.9	0.3266	
7	31.002	977.4	0.2829	38.125	1064.6	0.2832	38.170	691.5	0.2833	
8	22.618	834.2	0.2584	28.359	942.3	0.2564	28.394	663.8	0.2566	
9	8.380	652.0	0.2469	10.662	691.8	0.2443	10.675	598.9	0.2445	
10	4.875	611.4	0.2439	6.160	633.1	0.2414	6.167	582.2	0.2415	

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C20

		Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	
1	0.000		0.7396	1.632	642.8	0.7396	3.216	644.6	0.7396	
2	0.000		0.7207	7.246	957.9	0.7207	14.522	986.9	0.7179	
3	0.000		0.5509	9.404	1091.6	0.5509	18.525	1106.6	0.5436	
4	0.000	Data	0.3976	9.788	1121.9	0.3976	19.270	1136.8	0.3946	
5	0.000	Not	0.3200	9.273	1081.6	0.3200	18.913	1150.5	0.3179	
6	0.000	Required	0.2705	8.446	1020.1	0.2705	18.130	1154.3	0.2667	
7	0.000		0.2375	7.137	930.5	0.2375	16.217	1103.6	0.2309	
8	0.000		0.2169	4.746	787.9	0.2169	11.148	906.7	0.2077	
9	0.000		0.2091	1.708	636.5	0.2091	4.065	671.9	0.1989	
10	0.000		0.2079	1.035	606.9	0.2079	2.420	625.3	0.1975	
		Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	
1	5.099	679.1	0.7396	6.121	664.8	0.7396	7.327	635.5	0.7396	
2	22.079	1107.2	0.7124	25.882	982.2	0.7129	30.316	842.9	0.7153	
3	26.771	1144.8	0.5314	31.107	1035.3	0.5348	37.068	947.1	0.5470	
4	27.382	1131.5	0.3863	31.760	1041.5	0.3904	38.386	1003.2	0.4043	
5	26.759	1105.6	0.3121	31.082	1033.4	0.3162	37.876	1018.2	0.3294	
6	25.410	1052.8	0.2626	29.642	1020.2	0.2664	35.879	970.0	0.2773	
7	22.551	970.3	0.2282	26.583	992.0	0.2318	31.699	879.8	0.2411	
8	15.830	843.5	0.2056	19.038	884.9	0.2088	22.685	775.4	0.2177	
9	5.766	653.2	0.1970	6.976	668.9	0.1999	8.309	634.0	0.2086	
10	3.389	613.4	0.1956	4.072	621.3	0.1984	4.813	601.9	0.2065	
		Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (EOC Cy 7)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7				
1	7.735	602.7	0.7396	8.704	621.7	0.7396				
2	31.892	719.3	0.7169	35.021	754.9	0.7192				
3	39.388	795.0	0.5565	43.280	798.0	0.5683				
4	41.097	842.0	0.4176	45.799	857.2	0.4344				
5	40.661	851.1	0.3419	45.957	903.8	0.3584				
6	38.591	842.0	0.2887	44.469	951.9	0.3042				
7	34.050	798.6	0.2513	40.265	981.0	0.2657				
8	24.386	726.3	0.2274	29.548	894.2	0.2402				
9	8.959	621.6	0.2183	11.025	678.7	0.2303				
10	5.265	603.4	0.2180	6.460	628.1	0.2298				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C21

Node No.	Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6
1	0.000		0.7396	1.372	629.0	0.7396	2.586	624.1	0.7396
2	0.000		0.7299	6.068	878.5	0.7299	11.698	888.2	0.7301
3	0.000		0.5974	8.066	992.9	0.5974	15.660	987.5	0.5979
4	0.000	Data	0.4476	8.629	1033.2	0.4476	16.791	1030.0	0.4509
5	0.000	Not	0.3636	8.309	1010.1	0.3636	16.659	1044.6	0.3671
6	0.000	Required	0.3086	7.668	965.5	0.3086	16.066	1048.3	0.3102
7	0.000		0.2715	6.526	891.3	0.2715	14.360	1005.5	0.2703
8	0.000		0.2480	4.381	767.9	0.2480	9.933	851.0	0.2442
9	0.000		0.2393	1.578	630.7	0.2393	3.632	657.0	0.2342
10	0.000		0.2378	0.944	603.0	0.2378	2.132	616.3	0.2325
Node No.	Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7
1	4.150	657.7	0.7396	5.122	659.4	0.7396	6.023	615.8	0.7396
2	18.512	1066.4	0.7241	22.381	991.8	0.7230	25.824	770.9	0.7254
3	23.107	1068.1	0.5793	27.260	1009.0	0.5768	31.728	831.6	0.5911
4	23.840	1031.8	0.4371	27.848	988.6	0.4360	32.774	865.1	0.4555
5	23.284	994.6	0.3583	27.164	970.8	0.3582	31.989	857.6	0.3763
6	22.127	947.6	0.3046	25.858	950.6	0.3050	30.338	832.4	0.3212
7	19.631	885.6	0.2667	23.059	911.2	0.2674	26.982	793.3	0.2824
8	13.787	785.6	0.2416	16.401	814.3	0.2423	19.192	719.9	0.2567
9	4.996	634.6	0.2321	5.937	644.2	0.2327	6.860	611.7	0.2458
10	2.897	602.6	0.2305	3.422	607.5	0.2311	3.901	588.1	0.2429
Node No.	Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (495.2, EOC Cy 7)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	6.384	597.7	0.7396	6.805	586.4	0.7396	6.819	605.4	0.7396
2	27.135	690.8	0.7266	28.547	643.5	0.7277	28.596	713.2	0.7277
3	33.542	738.2	0.5989	35.413	667.2	0.6071	35.477	755.4	0.6073
4	35.035	788.1	0.4687	37.616	710.5	0.4863	37.689	785.4	0.4866
5	34.468	813.7	0.3902	37.710	753.3	0.4145	37.782	784.2	0.4148
6	32.903	823.9	0.3344	36.738	793.8	0.3618	36.806	770.1	0.3620
7	29.445	811.8	0.2947	33.631	818.8	0.3227	33.691	742.6	0.3230
8	21.085	747.1	0.2684	24.635	774.6	0.2959	24.680	692.8	0.2961
9	7.511	621.7	0.2567	8.782	632.4	0.2823	8.798	607.3	0.2825
10	4.235	592.8	0.2529	4.879	597.6	0.2763	4.887	585.0	0.2765

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C22

Node No.	Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6
1	0.000		0.7396	1.934	659.0	0.7396	3.737	657.0	0.7396
2	0.000		0.7090	8.342	1038.1	0.7090	16.268	1037.4	0.7071
3	0.000		0.5122	10.184	1154.0	0.5122	19.795	1147.9	0.5116
4	0.000	Data	0.3659	10.280	1162.0	0.3659	20.345	1187.7	0.3682
5	0.000	Not	0.2948	9.775	1120.9	0.2948	20.069	1208.3	0.2961
6	0.000	Required	0.2491	9.076	1066.6	0.2491	19.426	1213.4	0.2478
7	0.000		0.2182	8.054	992.4	0.2182	17.815	1161.3	0.2137
8	0.000		0.1976	5.688	841.6	0.1976	12.881	961.5	0.1908
9	0.000		0.1892	2.149	656.5	0.1892	4.917	692.4	0.1817
10	0.000		0.1878	1.321	619.4	0.1878	2.970	637.7	0.1801
Node No.	Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7
1	5.145	647.4	0.7396	6.001	646.9	0.7396	6.883	614.6	0.7396
2	22.175	955.2	0.7110	25.437	907.7	0.7129	28.858	769.2	0.7158
3	26.830	1030.4	0.5270	30.531	946.7	0.5360	35.114	840.0	0.5524
4	27.353	1028.1	0.3834	31.054	946.7	0.3935	37.191	962.4	0.4179
5	26.661	991.8	0.3099	30.301	938.6	0.3196	37.154	1023.5	0.3408
6	25.431	943.0	0.2605	28.980	926.8	0.2698	35.504	994.4	0.2866
7	23.026	881.0	0.2260	26.335	896.2	0.2347	31.951	918.8	0.2485
8	16.722	784.7	0.2033	19.282	808.0	0.2118	23.264	798.5	0.2237
9	6.294	635.3	0.1936	7.238	644.5	0.2017	8.638	637.7	0.2126
10	3.731	602.4	0.1912	4.250	607.0	0.1989	5.007	602.8	0.2092
Node No.	Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (495.2, EOC Cy 7)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	7.253	598.7	0.7396	8.191	619.7	0.7396	8.196	576.1	0.7396
2	30.283	702.9	0.7174	33.352	750.8	0.7196	33.369	610.5	0.7196
3	37.123	759.6	0.5618	40.932	792.1	0.5737	40.956	628.8	0.5738
4	39.436	786.2	0.4306	43.874	837.3	0.4467	43.904	648.8	0.4469
5	39.445	791.4	0.3535	44.359	873.6	0.3697	44.393	658.7	0.3699
6	37.834	796.0	0.2990	43.250	913.5	0.3146	43.284	659.7	0.3148
7	34.221	789.1	0.2606	39.922	936.9	0.2754	39.954	652.7	0.2756
8	25.620	799.7	0.2385	30.289	855.8	0.2511	30.313	630.2	0.2513
9	9.531	644.4	0.2266	11.368	665.1	0.2389	11.377	587.8	0.2390
10	5.514	608.4	0.2230	6.534	618.3	0.2352	6.539	576.7	0.2353

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C23

		Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	
1	0.000		0.7396	2.003	662.8	0.7396	3.794	656.3	0.7396	
2	0.000		0.7070	8.642	1061.3	0.7070	16.466	1029.1	0.7068	
3	0.000		0.5050	10.372	1169.6	0.5050	19.844	1136.1	0.5100	
4	0.000	Data	0.3595	10.403	1172.2	0.3595	20.356	1177.8	0.3669	
5	0.000	Not	0.2895	9.882	1129.5	0.2895	20.085	1200.1	0.2952	
6	0.000	Required	0.2444	9.173	1074.0	0.2444	19.458	1207.5	0.2469	
7	0.000		0.2135	8.091	995.0	0.2135	17.840	1160.3	0.2128	
8	0.000		0.1932	5.687	841.6	0.1932	12.911	963.7	0.1899	
9	0.000		0.1851	2.125	655.4	0.1851	4.890	692.3	0.1808	
10	0.000		0.1838	1.302	618.5	0.1838	2.942	637.3	0.1792	
		Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	
1	5.607	674.3	0.7396	6.684	670.8	0.7396	8.053	646.2	0.7396	
2	23.720	1077.5	0.7066	27.638	999.0	0.7077	32.646	887.6	0.7108	
3	28.086	1144.3	0.5110	32.459	1040.9	0.5164	39.179	1011.9	0.5297	
4	28.425	1127.2	0.3683	32.752	1034.1	0.3741	39.993	1058.9	0.3863	
5	27.683	1082.1	0.2972	31.938	1023.6	0.3028	38.826	1026.6	0.3125	
6	26.393	1021.7	0.2498	30.582	1014.1	0.2550	36.639	954.9	0.2631	
7	23.879	945.9	0.2165	27.876	987.1	0.2214	32.714	858.9	0.2285	
8	17.366	827.1	0.1942	20.431	867.6	0.1988	23.854	760.4	0.2059	
9	6.521	649.3	0.1853	7.674	663.6	0.1897	8.964	631.6	0.1969	
10	3.863	610.8	0.1835	4.512	618.3	0.1878	5.235	601.0	0.1947	
		Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (EOC Cy 7)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7				
1	8.793	639.0	0.7396	10.048	640.8	0.7396				
2	35.340	854.1	0.7124	39.242	810.9	0.7145				
3	42.816	965.8	0.5365	47.574	861.6	0.5474				
4	43.932	1009.9	0.3932	49.477	924.1	0.4078				
5	42.815	1017.6	0.3183	48.953	974.3	0.3326				
6	40.492	997.1	0.2680	47.149	1020.8	0.2813				
7	36.000	916.9	0.2328	42.728	1027.4	0.2446				
8	26.195	798.4	0.2098	31.487	905.3	0.2199				
9	9.859	644.6	0.2008	11.954	680.5	0.2102				
10	5.741	608.3	0.1985	6.919	627.1	0.2076				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C24

		Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	
1	0.000		0.7396	1.906	657.5	0.7396	3.657	654.0	0.7396	
2	0.000		0.7104	8.332	1037.3	0.7104	16.042	1020.2	0.7099	
3	0.000		0.5150	10.153	1151.4	0.5150	19.485	1124.2	0.5182	
4	0.000	Data	0.3677	10.236	1158.3	0.3677	20.026	1163.4	0.3735	
5	0.000	Not	0.2963	9.712	1115.9	0.2963	19.748	1185.2	0.3006	
6	0.000	Required	0.2503	8.984	1059.7	0.2503	19.115	1193.6	0.2515	
7	0.000		0.2188	7.902	981.8	0.2188	17.555	1151.9	0.2167	
8	0.000		0.1981	5.552	833.6	0.1981	12.749	961.8	0.1934	
9	0.000		0.1900	2.059	652.4	0.1900	4.800	691.1	0.1842	
10	0.000		0.1887	1.257	616.6	0.1887	2.878	636.4	0.1827	
		Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	
1	5.480	675.0	0.7396	6.543	669.3	0.7396	7.284	605.7	0.7396	
2	23.273	1075.3	0.7089	27.163	995.0	0.7098	30.103	736.4	0.7135	
3	27.420	1114.3	0.5186	31.740	1033.0	0.5234	36.109	824.7	0.5446	
4	27.753	1094.2	0.3755	32.030	1026.8	0.3809	37.114	877.0	0.4084	
5	27.022	1052.1	0.3036	31.216	1014.8	0.3088	36.191	868.8	0.3331	
6	25.784	998.5	0.2554	29.885	1001.5	0.2603	34.406	835.4	0.2811	
7	23.416	931.5	0.2215	27.300	971.5	0.2261	31.144	787.9	0.2443	
8	17.118	821.0	0.1987	20.091	856.4	0.2031	23.188	739.0	0.2216	
9	6.390	647.0	0.1896	7.498	659.4	0.1939	8.652	624.2	0.2117	
10	3.771	609.3	0.1878	4.391	615.8	0.1919	5.092	599.8	0.2104	
		Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (EOC Cy 7)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7				
1	7.726	606.3	0.7396	9.134	651.2	0.7396				
2	31.809	733.8	0.7153	36.189	847.7	0.7169				
3	38.555	809.9	0.5541	43.717	893.1	0.5621				
4	39.868	847.3	0.4204	45.758	953.0	0.4303				
5	39.067	862.8	0.3446	45.541	1004.2	0.3537				
6	38.512	1037.8	0.2946	45.256	1028.7	0.3018				
7	35.222	1031.6	0.2551	41.997	1031.8	0.2612				
8	26.109	870.2	0.2297	31.519	914.7	0.2346				
9	9.739	663.1	0.2192	11.925	686.0	0.2237				
10	5.684	616.2	0.2172	6.906	629.6	0.2214				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C25

		Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	
1	0.000		0.7396	1.512	636.4	0.7396	3.252	653.4	0.7396	
2	0.000		0.7245	6.759	924.2	0.7245	14.488	1021.9	0.7166	
3	0.000		0.5681	8.928	1055.4	0.5681	18.371	1133.6	0.5432	
4	0.000	Data	0.4148	9.381	1089.9	0.4148	19.189	1165.0	0.3957	
5	0.000	Not	0.3348	8.916	1054.5	0.3348	18.909	1181.3	0.3184	
6	0.000	Required	0.2835	8.150	998.9	0.2835	18.195	1185.9	0.2665	
7	0.000		0.2491	6.947	918.0	0.2491	16.361	1131.6	0.2301	
8	0.000		0.2275	4.718	786.2	0.2275	11.424	927.4	0.2066	
9	0.000		0.2191	1.721	637.1	0.2191	4.227	679.2	0.1975	
10	0.000		0.2178	1.041	607.2	0.2178	2.523	629.9	0.1960	
		Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	
1	4.378	629.2	0.7396	5.085	631.1	0.7396	6.334	638.3	0.7396	
2	19.372	871.9	0.7202	22.136	844.4	0.7218	26.977	874.3	0.7223	
3	24.473	950.8	0.5609	27.628	876.9	0.5696	33.833	967.3	0.5739	
4	25.494	967.6	0.4153	28.718	885.4	0.4268	35.494	1016.6	0.4324	
5	24.936	944.7	0.3365	28.161	885.6	0.3480	35.114	1032.5	0.3541	
6	23.742	906.6	0.2832	26.934	881.6	0.2944	33.329	983.5	0.2991	
7	21.256	857.5	0.2462	24.287	861.9	0.2571	29.545	890.7	0.2612	
8	15.067	771.5	0.2230	17.462	789.6	0.2338	21.170	779.5	0.2376	
9	5.523	630.9	0.2132	6.402	638.6	0.2235	7.720	633.2	0.2272	
10	3.234	599.8	0.2107	3.712	603.5	0.2204	4.442	601.3	0.2242	
		Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (495.2, EOC Cy 7)			Statepoint 11 (3.67 EFPD Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8	
1	6.766	605.3	0.7396	7.798	625.9	0.7396	7.803	576.1	0.7396	
2	28.698	735.7	0.7238	32.090	773.6	0.7255	32.109	617.6	0.7255	
3	36.274	809.4	0.5823	40.334	809.8	0.5917	40.360	637.5	0.5918	
4	38.293	852.9	0.4439	43.106	865.7	0.4575	43.141	662.8	0.4577	
5	37.970	860.1	0.3647	43.381	913.1	0.3780	43.420	676.0	0.3782	
6	36.108	850.4	0.3089	42.116	963.1	0.3211	42.156	678.0	0.3213	
7	31.977	808.3	0.2699	38.357	995.7	0.2807	38.396	673.9	0.2809	
8	22.930	732.6	0.2457	28.256	907.5	0.2545	28.287	649.8	0.2546	
9	8.382	622.7	0.2354	10.507	682.3	0.2432	10.518	593.3	0.2434	
10	4.899	603.9	0.2339	6.125	629.8	0.2418	6.131	579.5	0.2420	

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C26

Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6
1	0.000		0.7396	1.514	636.5	0.7396	3.034	641.0	0.7396
2	0.000		0.7246	6.768	924.8	0.7246	13.802	968.7	0.7210
3	0.000		0.5684	8.931	1055.6	0.5684	17.869	1091.5	0.5561
4	0.000	Data	0.4149	9.394	1090.9	0.4149	18.689	1121.1	0.4070
5	0.000	Not	0.3348	8.928	1055.4	0.3348	18.354	1132.1	0.3286
6	0.000	Required	0.2834	8.146	998.7	0.2834	17.563	1131.3	0.2762
7	0.000		0.2491	6.870	913.2	0.2491	15.591	1074.4	0.2398
8	0.000		0.2277	4.543	776.8	0.2277	10.622	885.2	0.2162
9	0.000		0.2197	1.614	632.3	0.2197	3.830	664.9	0.2072
10	0.000		0.2185	0.970	604.1	0.2185	2.266	621.2	0.2057
Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7
1	4.168	629.7	0.7396	5.408	689.0	0.7396	6.874	652.7	0.7396
2	18.656	869.6	0.7222	23.179	1091.4	0.7183	28.750	934.0	0.7192
3	23.515	914.2	0.5694	28.244	1094.9	0.5602	35.028	1017.2	0.5639
4	24.374	917.3	0.4260	29.041	1085.1	0.4188	35.921	1025.9	0.4219
5	23.809	899.5	0.3474	28.426	1077.6	0.3416	34.873	987.7	0.3445
6	22.718	876.7	0.2943	27.234	1062.2	0.2893	32.949	926.7	0.2923
7	21.550	939.7	0.2609	25.663	1003.6	0.2559	30.262	841.3	0.2586
8	15.933	890.4	0.2377	19.051	873.9	0.2325	22.203	742.8	0.2354
9	5.684	661.8	0.2260	6.850	664.8	0.2211	7.967	622.2	0.2245
10	3.285	616.0	0.2232	3.949	619.6	0.2185	4.559	595.0	0.2218
Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	7.446	620.4	0.7396	8.307	614.6	0.7396	8.313	579.3	0.7396
2	30.872	782.5	0.7206	33.724	735.8	0.7224	33.746	625.6	0.7225
3	37.902	862.7	0.5711	41.554	781.2	0.5821	41.585	651.5	0.5823
4	39.227	919.3	0.4312	43.723	841.8	0.4487	43.764	680.1	0.4489
5	38.506	965.0	0.3532	43.573	885.5	0.3714	43.617	690.5	0.3716
6	36.596	967.1	0.2996	42.167	926.2	0.3170	42.211	689.4	0.3172
7	33.411	898.4	0.2640	39.065	933.0	0.2795	39.104	677.0	0.2797
8	24.463	788.8	0.2400	28.958	842.8	0.2536	28.989	648.9	0.2538
9	8.787	637.5	0.2290	10.492	657.3	0.2422	10.503	593.3	0.2424
10	5.003	602.7	0.2263	5.920	612.6	0.2388	5.925	576.7	0.2389

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C27

Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)			
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6
1	0.000		0.7396	1.381	829.5	0.7396	2.667	628.0	0.7396
2	0.000		0.7293	6.160	884.5	0.7293	12.185	896.1	0.7282
3	0.000		0.5927	8.231	1004.6	0.5927	16.225	1017.2	0.5877
4	0.000	Data	0.4419	8.750	1042.1	0.4419	17.212	1053.3	0.4397
5	0.000	Not	0.3586	8.380	1015.2	0.3586	16.982	1064.4	0.3575
6	0.000	Required	0.3043	7.690	967.0	0.3043	16.296	1064.8	0.3018
7	0.000		0.2679	6.499	889.6	0.2679	14.477	1016.4	0.2630
8	0.000		0.2451	4.322	764.8	0.2451	9.916	853.7	0.2377
9	0.000		0.2366	1.553	629.6	0.2366	3.608	657.1	0.2282
10	0.000		0.2353	0.932	602.5	0.2353	2.126	616.5	0.2265
Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7
1	3.839	632.2	0.7396	4.509	627.3	0.7396	5.699	634.5	0.7396
2	17.354	894.2	0.7285	20.025	833.1	0.7293	24.849	873.0	0.7291
3	22.369	954.2	0.5928	25.416	863.8	0.5990	31.804	982.9	0.5996
4	23.339	952.8	0.4478	26.479	875.1	0.4573	33.525	1040.9	0.4569
5	22.812	928.8	0.3664	25.958	875.8	0.3762	32.772	1019.9	0.3747
6	21.680	894.0	0.3111	24.795	872.1	0.3206	31.024	969.2	0.3190
7	19.267	849.9	0.2726	22.242	855.2	0.2818	27.343	878.7	0.2806
8	13.434	763.4	0.2479	15.786	784.8	0.2570	19.354	770.1	0.2560
9	4.829	626.9	0.2379	5.671	635.3	0.2465	6.940	630.5	0.2458
10	2.797	597.7	0.2358	3.253	601.6	0.2439	3.963	600.3	0.2434
Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)			
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	6.420	636.9	0.7396	7.804	649.5	0.7396	7.813	589.0	0.7396
2	27.716	877.2	0.7291	32.350	867.7	0.7290	32.379	650.1	0.7290
3	35.566	983.8	0.5994	40.680	889.2	0.6018	40.720	676.5	0.6020
4	37.570	1026.1	0.4562	43.207	931.7	0.4614	43.255	701.0	0.4616
5	36.864	1033.3	0.3736	43.074	980.8	0.3789	43.124	708.5	0.3791
6	34.916	1003.1	0.3176	41.699	1032.5	0.3220	41.747	701.0	0.3221
7	30.683	924.2	0.2792	37.693	1053.7	0.2817	37.736	688.4	0.2818
8	21.871	819.1	0.2544	27.590	940.4	0.2546	27.623	655.8	0.2547
9	7.910	651.8	0.2441	10.167	690.3	0.2433	10.179	596.1	0.2434
10	4.518	612.8	0.2417	5.803	633.1	0.2408	5.809	579.5	0.2409

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C28

		Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	
1	0.000		0.7396	1.934	659.0	0.7396	3.737	657.0	0.7396	
2	0.000		0.7090	8.345	1038.3	0.7090	16.274	1037.7	0.7071	
3	0.000		0.5122	10.188	1154.4	0.5122	19.804	1148.3	0.5115	
4	0.000	Data	0.3658	10.285	1162.4	0.3658	20.353	1188.0	0.3681	
5	0.000	Not	0.2947	9.779	1121.3	0.2947	20.077	1208.6	0.2961	
6	0.000	Required	0.2490	9.081	1067.0	0.2490	19.434	1213.7	0.2477	
7	0.000		0.2182	8.058	992.7	0.2182	17.822	1161.6		
8	0.000		0.1976	5.692	841.9	0.1976	12.888	961.7	0.1908	
9	0.000		0.1891	2.150	656.6	0.1891	4.919	692.5	0.1816	
10	0.000		0.1878	1.322	619.4	0.1878	2.972	637.7	0.1800	
		Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	
1	5.142	647.2	0.7396	5.997	646.8	0.7396	6.881	614.7	0.7396	
2	22.173	954.5	0.7110	25.434	907.6	0.7129	28.861	769.6	0.7158	
3	26.833	1030.0	0.5271	30.533	946.6	0.5360	35.120	840.3	0.5524	
4	27.360	1028.0	0.3834	31.059	946.5	0.3935	37.200	962.8	0.4179	
5	26.669	991.8	0.3099	30.307	938.4	0.3196	37.165	1023.9	0.3408	
6	25.438	942.9	0.2605	28.988	926.8	0.2698	35.516	994.7	0.2866	
7	23.033	881.0	0.2260	26.343	896.2	0.2347	31.961	919.1	0.2484	
8	16.729	784.7	0.2033	19.289	808.0	0.2118	23.274	798.6	0.2236	
9	6.296	635.3	0.1936	7.239	644.4	0.2017	8.639	637.7	0.2126	
10	3.733	602.4	0.1912	4.252	607.0	0.1989	5.009	602.8	0.2092	
		Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (495.2, EOC Cy 7)			Statepoint 11 (3.67 EFPD Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8	
1	7.251	598.7	0.7396	8.190	619.7	0.7396	8.195	576.1	0.7396	
2	30.288	703.1	0.7174	33.360	751.0	0.7196	33.377	610.5	0.7197	
3	37.132	759.8	0.5618	40.943	792.3	0.5737	40.967	628.8	0.5738	
4	39.447	786.4	0.4306	43.887	837.5	0.4467	43.917	648.8	0.4469	
5	39.457	791.5	0.3535	44.374	873.8	0.3697	44.407	658.7	0.3699	
6	37.846	796.1	0.2989	43.265	913.7	0.3145	43.300	660.7	0.3147	
7	34.232	789.2	0.2606	39.937	937.2	0.2754	39.968	651.7	0.2755	
8	25.631	799.7	0.2384	30.302	856.0	0.2511	30.327	631.2	0.2512	
9	9.533	644.5	0.2266	11.370	665.1	0.2388	11.379	587.8	0.2389	
10	5.516	608.4	0.2230	6.537	618.3	0.2351	6.541	573.9	0.2353	

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C29

		Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	
1	0.000		0.7398	1.882	656.2	0.7396	3.675	656.4	0.7396	
2	0.000		0.7113	8.241	1030.5	0.7113	16.177	1038.2	0.7093	
3	0.000		0.5171	10.163	1152.3	0.5171	19.701	1141.6	0.5158	
4	0.000	Data	0.3690	10.265	1160.7	0.3690	20.188	1175.2	0.3709	
5	0.000	Not	0.2971	9.707	1115.5	0.2971	19.842	1194.0	0.2983	
6	0.000	Required	0.2511	8.929	1055.6	0.2511	19.134	1200.3	0.2497	
7	0.000		0.2198	7.738	970.6	0.2198	17.432	1155.4	0.2153	
8	0.000		0.1997	5.328	820.6	0.1997	12.492	959.6	0.1923	
9	0.000		0.1918	1.963	648.0	0.1918	4.677	689.7	0.1834	
10	0.000		0.1906	1.198	614.0	0.1906	2.806	635.8	0.1819	
		Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	
1	5.454	672.1	0.7396	6.217	637.0	0.7396	7.299	627.4	0.7396	
2	23.197	1055.2	0.7077	26.076	858.6	0.7098	30.006	805.5	0.7133	
3	27.449	1096.1	0.5164	30.923	917.1	0.5271	36.073	882.3	0.5449	
4	27.822	1085.3	0.3748	31.440	935.8	0.3874	37.016	915.3	0.4080	
5	27.262	1065.4	0.3036	30.852	932.1	0.3152	36.211	898.2	0.3332	
6	26.051	1020.1	0.2550	29.563	921.9	0.2658	34.425	860.4	0.2816	
7	23.514	949.4	0.2207	27.186	943.1	0.2325	31.246	802.9	0.2461	
8	17.170	842.7	0.1989	20.510	901.2	0.2115	23.305	720.1	0.2235	
9	6.423	655.7	0.1903	7.711	676.2	0.2020	8.690	614.7	0.2133	
10	3.795	614.4	0.1885	4.516	624.6	0.1996	5.037	590.3	0.2099	
		Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (495.2, EOC Cy 7)			Statepoint 11 (3.67 EFPD Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8	
1	7.656	597.3	0.7396	8.212	594.9	0.7396	8.218	579.3	0.7396	
2	31.253	684.0	0.7147	33.039	666.4	0.7166	33.060	624.5	0.7166	
3	37.870	736.4	0.5536	40.268	699.1	0.5649	40.298	648.6	0.5651	
4	39.354	797.2	0.4227	42.538	749.4	0.4429	42.577	676.0	0.4431	
5	39.065	860.1	0.3501	42.836	789.4	0.3740	42.879	687.4	0.3742	
6	37.456	882.6	0.2972	41.775	828.6	0.3224	41.818	688.4	0.3226	
7	33.986	845.7	0.2592	38.571	848.3	0.2840	38.613	683.2	0.2841	
8	25.311	759.7	0.2348	29.080	789.8	0.2580	29.114	657.8	0.2582	
9	9.407	627.8	0.2237	10.830	641.0	0.2458	10.842	596.1	0.2460	
10	5.413	596.6	0.2195	6.157	603.1	0.2399	6.164	582.2	0.2401	

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly C30

		Datapoint 3 (BOC Cy 5)			Datapoint 4 (239.5 EFPD Cy 5)			Datapoint 5 (BOC Cy 6)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 5	0.00 Cy 5	0.00 Cy 5	239.5 Cy 5	239.5 Cy 5	239.5 Cy 5	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	
1	0.000		0.7396	1.397	630.3	0.7396	3.077	650.0	0.7396	
2	0.000		0.7283	6.245	890.0	0.7283	13.832	1011.0	0.7191	
3	0.000		0.5857	8.495	1023.5	0.5857	17.929	1132.8	0.5528	
4	0.000	Data	0.4320	9.088	1067.4	0.4320	18.852	1161.1	0.4049	
5	0.000	Not	0.3490	8.663	1035.7	0.3490	18.568	1173.5	0.3260	
6	0.000	Required	0.2956	7.912	982.2	0.2956	17.806	1172.6	0.2730	
7	0.000		0.2600	6.709	902.8	0.2600	15.874	1110.8	0.2362	
8	0.000		0.2377	4.521	775.4	0.2377	10.956	908.9	0.2127	
9	0.000		0.2292	1.646	633.7	0.2292	4.038	673.6	0.2035	
10	0.000		0.2278	0.992	605.1	0.2278	2.407	626.7	0.2020	
		Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	
1	4.962	679.2	0.7396	6.070	674.3	0.7396	7.541	653.0	0.7396	
2	21.542	1122.4	0.7128	25.672	1030.4	0.7125	31.116	923.4	0.7145	
3	26.289	1156.2	0.5363	30.828	1065.7	0.5364	37.784	1032.8	0.5439	
4	26.876	1122.9	0.3927	31.365	1058.0	0.3936	38.663	1064.2	0.4000	
5	26.129	1078.7	0.3178	30.547	1047.4	0.3190	37.445	1027.6	0.3243	
6	24.753	1022.8	0.2676	29.105	1037.8	0.2690	35.165	955.1	0.2737	
7	21.998	952.8	0.2327	26.156	1009.8	0.2339	31.015	860.5	0.2385	
8	15.495	833.2	0.2098	18.688	883.3	0.2107	22.123	761.2	0.2157	
9	5.680	649.9	0.2011	6.864	666.5	0.2017	8.126	630.1	0.2068	
10	3.339	611.4	0.1997	4.009	620.1	0.2003	4.711	599.9	0.2051	
		Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (EOC Cy 7)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	495.2 Cy 7	495.2 Cy 7	495.2 Cy 7				
1	8.229	633.2	0.7396	9.395	634.8	0.7396				
2	33.634	831.4	0.7158	37.336	796.0	0.7178				
3	41.171	930.6	0.5505	45.724	846.1	0.5609				
4	42.421	983.2	0.4073	47.769	908.0	0.4219				
5	41.450	1019.9	0.3308	47.364	955.1	0.3451				
6	39.081	1006.6	0.279	45.526	1001.6	0.2924				
7	34.328	920.6	0.2428	40.892	1012.3	0.2551				
8	24.488	801.2	0.2196	29.673	896.5	0.2301				
9	9.008	643.3	0.2106	11.017	675.3	0.2204				
10	5.204	607.1	0.2088	6.321	623.7	0.2181				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly D1

		Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.481	652.5	0.7396	2.432	657.4	0.7396	
2	0.000		0.7110	7.017	1057.5	0.7110	11.451	1079.5	0.7099	
3	0.000		0.5221	8.202	1143.0	0.5221	13.118	1126.8	0.5205	
4	0.000	Data	0.3788	8.028	1125.7	0.3788	12.714	1090.3	0.3794	
5	0.000	Not	0.3088	7.405	1066.2	0.3088	11.886	1059.0	0.3101	
6	0.000	Required	0.2640	6.605	994.8	0.2640	10.858	1025.3	0.2648	
7	0.000		0.2345	5.365	894.1	0.2345	9.097	952.5	0.2342	
8	0.000		0.2153	3.908	790.1	0.2153	6.645	829.8	0.2140	
9	0.000		0.2078	1.236	627.9	0.2078	2.130	640.2	0.2062	
10	0.000		0.2067	0.725	600.6	0.2067	1.232	606.1	0.2050	
		Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	3.586	632.3	0.7396	4.397	647.2	0.7396	6.011	665.7	0.7396	
2	17.007	934.2	0.7143	20.629	987.2	0.7140	26.580	981.7	0.7137	
3	20.554	1079.6	0.5374	25.143	1115.6	0.5370	31.503	995.6	0.5408	
4	20.639	1127.1	0.3916	25.462	1155.6	0.3904	32.123	1023.1	0.3980	
5	19.391	1086.1	0.3177	24.326	1175.2	0.3155	31.526	1074.3	0.3233	
6	17.438	1001.4	0.2700	22.094	1127.2	0.2667	29.957	1140.8	0.2732	
7	14.273	885.9	0.2385	18.139	1001.5	0.2345	26.167	1158.0	0.2382	
8	10.099	763.4	0.2181	12.755	837.7	0.2140	19.002	988.6	0.2143	
9	3.239	621.9	0.2104	4.120	643.5	0.2062	6.351	689.1	0.2050	
10	1.853	595.7	0.2091	2.353	607.9	0.2049	3.618	632.2	0.2034	
		Statepoint 11 (3.67 EFPD Cy 8)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	6.035	639.5	0.7396							
2	26.671	873.0	0.7137							
3	31.617	954.9	0.5411							
4	32.246	993.3	0.3983							
5	31.648	984.2	0.3236							
6	30.069	941.4	0.2733							
7	26.262	874.8	0.2383							
8	19.071	773.9	0.2144							
9	6.375	630.4	0.2051							
10	3.630	596.2	0.2035							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly D2

		Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.714	668.0	0.7396	2.887	681.9	0.7396	
2	0.000		0.7006	7.817	1136.2	0.7006	13.024	1209.4	0.6966	
3	0.000		0.4939	8.654	1189.1	0.4939	14.158	1225.8	0.4850	
4	0.000	Data	0.3560	8.405	1163.3	0.3560	13.643	1179.6	0.3495	
5	0.000	Not	0.2896	7.805	1104.0	0.2896	12.841	1146.2	0.2841	
6	0.000	Required	0.2468	7.051	1034.0	0.2468	11.849	1107.9	0.2412	
7	0.000		0.2181	5.882	934.7	0.2181	10.125	1024.2	0.2118	
8	0.000		0.1991	4.387	823.3	0.1991	7.473	871.8	0.1926	
9	0.000		0.1915	1.409	637.3	0.1915	2.428	651.6	0.1849	
10	0.000		0.1904	0.831	606.2	0.1904	1.416	612.9	0.1839	
		Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	4.161	640.2	0.7396	4.716	618.7	0.7396	5.385	602.3	0.7396	
2	18.727	946.6	0.7040	21.067	809.9	0.7076	23.625	716.3	0.7116	
3	21.240	1046.2	0.5124	24.412	902.8	0.5292	27.832	766.0	0.5512	
4	20.782	1051.5	0.3745	24.312	951.8	0.3933	28.636	830.0	0.4273	
5	19.565	1013.8	0.3052	23.181	964.0	0.3220	28.236	885.9	0.3589	
6	17.895	955.3	0.2596	21.478	959.4	0.2744	27.110	932.7	0.3097	
7	15.231	880.2	0.2295	18.521	918.6	0.2426	24.345	948.8	0.2751	
8	10.925	763.4	0.2087	13.316	805.4	0.2202	17.960	855.1	0.2493	
9	3.478	618.7	0.2001	4.239	632.1	0.2112	5.794	648.9	0.2389	
10	1.979	592.6	0.1980	2.382	599.1	0.2085	3.192	606.8	0.2347	
		Statepoint 11 (3.67 EFPD Cy 8)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	5.397	598.9	0.7396							
2	23.680	736.1	0.7117							
3	27.914	823.8	0.5517							
4	28.732	875.9	0.4279							
5	28.333	878.6	0.3593							
6	27.203	866.6	0.3101							
7	24.467	990.2	0.2755							
8	18.066	922.3	0.2496							
9	5.830	666.1	0.2392							
10	3.211	616.0	0.2350							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly D3

		Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.142	630.4	0.7396	2.019	649.4	0.7396	
2	0.000		0.7237	5.659	936.0	0.7237	9.800	1034.1	0.7196	
3	0.000		0.5671	7.501	1075.1	0.5671	12.133	1082.1	0.5559	
4	0.000	Data	0.4148	7.817	1105.0	0.4148	12.225	1048.1	0.4097	
5	0.000	Not	0.3356	7.297	1056.3	0.3356	11.534	1022.8	0.3337	
6	0.000	Required	0.2852	6.513	986.9	0.2852	10.562	996.0	0.2841	
7	0.000		0.2524	5.297	888.8	0.2524	8.864	930.8	0.2509	
8	0.000		0.2313	3.876	787.9	0.2313	6.523	819.1	0.2290	
9	0.000		0.2230	1.233	627.7	0.2230	2.107	638.4	0.2205	
10	0.000		0.2218	0.721	600.4	0.2218	1.215	605.0	0.2192	
		Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	3.149	630.8	0.7396	3.952	646.3	0.7396	5.533	663.4	0.7396	
2	15.346	933.3	0.7209	19.038	998.0	0.7192	25.044	986.7	0.7175	
3	19.549	1077.7	0.5601	24.170	1121.0	0.5547	30.533	995.9	0.5548	
4	20.122	1124.3	0.4107	24.930	1152.9	0.4052	31.575	1021.6	0.4098	
5	19.037	1086.0	0.3325	23.947	1170.8	0.3269	31.112	1070.8	0.3322	
6	17.213	1007.7	0.2822	21.859	1125.4	0.2760	29.651	1133.4	0.2801	
7	14.115	891.6	0.2491	17.995	1003.6	0.2426	25.960	1151.4	0.2439	
8	10.039	767.6	0.2279	12.750	844.6	0.2215	18.983	987.2	0.2194	
9	3.244	623.4	0.2197	4.158	646.7	0.2131	6.389	689.1	0.2096	
10	1.856	596.7	0.2185	2.380	610.1	0.2119	3.650	632.5	0.2081	
		Statepoint 11 (3.67 EFPD Cy 8)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	5.545	598.9	0.7396							
2	25.095	719.0	0.7176							
3	30.606	787.9	0.5551							
4	31.662	841.9	0.4103							
5	31.245	1047.4	0.3329							
6	29.798	1108.9	0.2806							
7	26.086	1004.6	0.2443							
8	19.072	852.5	0.2197							
9	6.420	651.0	0.2099							
10	3.667	610.3	0.2084							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly D4

		Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.592	659.9	0.7396	2.827	688.8	0.7396	
2	0.000		0.7059	7.302	1084.7	0.7059	12.705	1244.5	0.6971	
3	0.000		0.5114	8.234	1146.2	0.5114	13.881	1251.1	0.4901	
4	0.000	Data	0.3717	8.080	1130.8	0.3717	13.478	1206.9	0.3546	
5	0.000	Not	0.3029	7.555	1080.2	0.3029	12.768	1175.5	0.2881	
6	0.000	Required	0.2582	6.912	1021.6	0.2582	11.892	1137.0	0.2441	
7	0.000		0.2277	6.045	947.8	0.2277	10.445	1047.2	0.2140	
8	0.000		0.2066	4.689	845.0	0.2066	7.891	886.2	0.1941	
9	0.000		0.1979	1.512	643.0	0.1979	2.578	655.9	0.1858	
10	0.000		0.1967	0.887	609.2	0.1967	1.501	615.4	0.1847	
		Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	3.928	628.9	0.7396	4.431	613.1	0.7396	5.158	606.1	0.7396	
2	17.699	887.6	0.7062	19.860	787.9	0.7099	22.667	733.1	0.7141	
3	20.333	989.9	0.5246	23.228	866.4	0.5416	26.812	777.2	0.5629	
4	20.378	1029.5	0.3872	23.534	900.3	0.4069	27.840	828.6	0.4381	
5	19.559	1019.8	0.3154	22.762	906.6	0.3335	27.617	870.1	0.3661	
6	18.171	975.0	0.2672	21.388	908.4	0.2840	26.751	910.5	0.3155	
7	15.806	900.0	0.2342	18.873	888.6	0.2499	24.463	929.2	0.2794	
8	11.577	779.1	0.2117	13.943	802.1	0.2262	18.459	845.3	0.2526	
9	3.716	623.5	0.2026	4.491	633.4	0.2166	6.035	648.2	0.2421	
10	2.109	595.0	0.2004	2.517	599.6	0.2136	3.326	606.8	0.2379	
		Statepoint 11 (3.67 EFPD Cy 8)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	5.170	598.9	0.7396							
2	22.722	736.2	0.7142							
3	26.899	842.0	0.5633							
4	27.943	904.5	0.4386							
5	27.725	925.8	0.3665							
6	26.913	1189.2	0.3158							
7	24.608	1099.2	0.2795							
8	18.563	912.1	0.2526							
9	6.073	672.2	0.2421							
10	3.347	621.7	0.2379							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly D5

		Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.139	630.3	0.7396	2.015	649.3	0.7396	
2	0.000		0.7238	5.647	934.9	0.7238	9.782	1033.2	0.7197	
3	0.000		0.5676	7.490	1074.1	0.5676	12.117	1081.4	0.5564	
4	0.000	Data	0.4153	7.809	1104.3	0.4153	12.213	1047.5	0.4101	
5	0.000	Not	0.3360	7.291	1055.7	0.3360	11.524	1022.2	0.3340	
6	0.000	Required	0.2855	6.507	986.5	0.2855	10.553	995.5	0.2844	
7	0.000		0.2528	5.292	888.5	0.2528	8.856	930.3	0.2511	
8	0.000		0.2316	3.872	787.7	0.2316	6.517	818.9	0.2293	
9	0.000		0.2233	1.232	627.7	0.2233	2.105	638.3	0.2207	
10	0.000		0.2221	0.720	600.4	0.2221	1.214	605.0	0.2195	
		Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	3.142	630.6	0.7396	3.944	646.2	0.7396	5.524	663.3	0.7396	
2	15.317	932.4	0.7210	19.003	997.0	0.7193	25.008	986.6	0.7176	
3	19.523	1076.7	0.5606	24.140	1120.2	0.5551	30.500	995.7	0.5551	
4	20.102	1123.5	0.4111	24.905	1152.2	0.4056	31.545	1021.1	0.4101	
5	19.019	1085.2	0.3328	23.926	1170.2	0.3272	31.084	1070.2	0.3325	
6	17.198	1007.1	0.2825	21.840	1124.8	0.2763	29.625	1132.8	0.2804	
7	14.102	891.3	0.2494	17.978	1003.0	0.2429	25.936	1150.7	0.2442	
8	10.030	767.4	0.2282	12.738	844.2	0.2217	18.965	986.7	0.2196	
9	3.240	623.3	0.2200	4.154	646.7	0.2133	6.383	689.0	0.2098	
10	1.854	596.7	0.2187	2.377	610.0	0.2121	3.646	632.5	0.2083	
		Statepoint 11 (3.67 EFPD Cy 8)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	5.536	598.9	0.7396							
2	25.059	719.0	0.7177							
3	30.573	786.1	0.5555							
4	31.633	845.8	0.4107							
5	31.218	1045.7	0.3331							
6	29.772	1107.2	0.2809							
7	26.062	1003.0	0.2445							
8	19.054	850.0	0.2199							
9	6.414	651.0	0.2101							
10	3.663	610.3	0.2085							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly D6

		Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.424	648.8	0.7396	2.424	662.8	0.7396	
2	0.000		0.7116	6.901	1046.7	0.7116	11.594	1121.6	0.7081	
3	0.000		0.5203	8.434	1166.3	0.5203	13.556	1160.7	0.5134	
4	0.000	Data	0.3731	8.407	1163.6	0.3731	13.226	1111.1	0.3708	
5	0.000	Not	0.3017	7.758	1099.6	0.3017	12.367	1078.4	0.3013	
6	0.000	Required	0.2567	6.886	1019.4	0.2567	11.270	1044.5	0.2564	
7	0.000		0.2274	5.549	908.4	0.2274	9.394	968.0	0.2262	
8	0.000		0.2086	4.020	797.8	0.2086	6.828	838.1	0.2065	
9	0.000		0.2012	1.276	630.0	0.2012	2.197	642.7	0.1989	
10	0.000		0.2001	0.751	602.0	0.2001	1.276	607.7	0.1978	
		Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	3.656	637.4	0.7396	4.234	621.3	0.7396	5.177	620.2	0.7396	
2	17.346	950.8	0.7124	19.924	840.0	0.7152	23.598	794.6	0.7186	
3	20.755	1057.1	0.5307	24.115	928.2	0.5440	28.621	843.5	0.5623	
4	20.899	1102.2	0.3862	24.400	947.7	0.4008	29.545	892.9	0.4258	
5	19.970	1095.4	0.3129	23.443	943.9	0.3263	29.065	931.8	0.3511	
6	18.262	1038.1	0.2652	21.713	940.8	0.2776	27.814	972.7	0.3007	
7	15.277	942.1	0.2333	18.546	915.6	0.2450	24.831	989.0	0.2660	
8	10.810	799.6	0.2124	13.365	824.9	0.2232	18.358	882.4	0.2410	
9	3.428	628.6	0.2045	4.271	639.9	0.2148	5.986	658.2	0.2316	
10	1.947	598.3	0.2031	2.399	603.5	0.2129	3.321	613.0	0.2289	
		Statepoint 11 (3.67 EFPD Cy 8)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	5.195	619.0	0.7396							
2	23.670	796.2	0.7186							
3	28.715	869.2	0.5627							
4	29.650	914.2	0.4262							
5	29.169	908.6	0.3514							
6	27.911	878.6	0.3010							
7	24.916	830.5	0.2662							
8	18.419	749.5	0.2412							
9	6.006	618.9	0.2318							
10	3.332	593.4	0.2291							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly D7

		Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.763	671.3	0.7396	2.924	680.5	0.7396	
2	0.000		0.6955	8.166	1172.8	0.6955	13.344	1204.2	0.6936	
3	0.000		0.4756	9.275	1255.3	0.4756	14.848	1237.8	0.4733	
4	0.000	Data	0.3369	9.012	1226.7	0.3369	14.339	1194.8	0.3365	
5	0.000	Not	0.2720	8.343	1157.2	0.2720	13.491	1164.5	0.2720	
6	0.000	Required	0.2306	7.466	1072.1	0.2306	12.423	1133.3	0.2301	
7	0.000		0.2035	6.095	952.2	0.2035	10.540	1053.9	0.2015	
8	0.000		0.1859	4.441	827.2	0.1859	7.677	890.7	0.1829	
9	0.000		0.1790	1.428	638.4	0.1790	2.503	656.7	0.1756	
10	0.000		0.1780	0.850	607.2	0.1780	1.470	615.9	0.1745	
		Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	4.410	654.3	0.7396	4.849	606.2	0.7396	5.756	617.8	0.7396	
2	19.920	1024.9	0.6995	21.827	757.6	0.7025	25.331	782.0	0.7074	
3	22.783	1128.2	0.4926	25.416	833.4	0.5091	29.940	845.0	0.5322	
4	22.182	1119.0	0.3536	25.215	884.1	0.3768	30.527	906.4	0.4061	
5	20.757	1063.5	0.2864	24.857	1039.5	0.3159	30.567	939.1	0.3417	
6	18.792	982.9	0.2427	23.184	1083.2	0.2675	29.353	978.7	0.2918	
7	15.655	881.0	0.2134	19.381	980.6	0.2323	25.701	992.1	0.2559	
8	11.069	759.3	0.1941	13.650	828.5	0.2096	18.581	877.7	0.2307	
9	3.566	619.4	0.1866	4.388	637.9	0.2010	6.070	656.3	0.2212	
10	2.057	593.9	0.1854	2.496	602.4	0.1986	3.399	612.0	0.2180	
		Statepoint 11 (3.67 EFPD Cy 8)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	5.771	608.9	0.7396							
2	25.386	735.4	0.7075							
3	30.017	802.4	0.5327							
4	30.617	849.6	0.4067							
5	30.655	845.7	0.3422							
6	29.434	820.4	0.2922							
7	25.776	793.4	0.2563							
8	18.636	728.0	0.2310							
9	6.088	613.1	0.2216							
10	3.409	590.6	0.2183							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly D8

		Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.476	652.2	0.7396	2.424	657.1	0.7396	
2	0.000		0.7113	6.996	1055.5	0.7113	11.421	1078.1	0.7101	
3	0.000		0.5229	8.186	1141.3	0.5229	13.094	1125.7	0.5212	
4	0.000	Data	0.3794	8.017	1124.6	0.3794	12.697	1089.3	0.3800	
5	0.000	Not	0.3093	7.396	1065.4	0.3093	11.873	1058.3	0.3106	
6	0.000	Required	0.2645	6.597	994.2	0.2645	10.846	1024.7	0.2652	
7	0.000		0.2349	5.359	893.6	0.2349	9.087	952.0	0.2346	
8	0.000		0.2157	3.904	789.8	0.2157	6.639	829.5	0.2143	
9	0.000		0.2081	1.234	627.8	0.2081	2.128	640.2	0.2065	
10	0.000		0.2071	0.724	600.6	0.2071	1.231	606.1	0.2053	
		Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	3.574	632.1	0.7396	4.383	647.0	0.7396	5.997	665.7	0.7396	
2	16.964	933.1	0.7145	20.579	986.1	0.7142	26.531	981.8	0.7138	
3	20.518	1078.5	0.5381	25.103	1114.9	0.5376	31.460	995.4	0.5413	
4	20.612	1126.2	0.3922	25.432	1154.9	0.3909	32.088	1022.6	0.3985	
5	19.369	1085.3	0.3182	24.301	1174.6	0.3159	31.495	1073.7	0.3237	
6	17.420	1000.8	0.2704	22.072	1126.5	0.2670	29.928	1140.1	0.2735	
7	14.258	885.4	0.2389	18.120	1000.9	0.2349	26.140	1157.2	0.2384	
8	10.089	763.1	0.2184	12.741	837.4	0.2143	18.983	988.1	0.2145	
9	3.235	621.8	0.2107	4.116	643.5	0.2065	6.344	689.0	0.2052	
10	1.850	595.6	0.2094	2.350	607.9	0.2052	3.613	632.1	0.2036	
		Statepoint 11 (3.67 EFPD Cy 8)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	6.020	636.0	0.7396							
2	26.619	859.2	0.7138							
3	31.576	961.6	0.5416							
4	32.218	1024.4	0.3987							
5	31.631	1050.1	0.3239							
6	30.058	1024.6	0.2736							
7	26.251	940.1	0.2386							
8	19.064	816.5	0.2146							
9	6.374	648.0	0.2053							
10	3.629	607.5	0.2037							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly D9

		Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.686	666.2	0.7396	2.728	667.4	0.7396	
2	0.000		0.7009	7.794	1134.0	0.7009	12.550	1131.8	0.7008	
3	0.000		0.4925	8.798	1204.1	0.4925	13.990	1172.2	0.4940	
4	0.000	Data	0.3530	8.574	1180.6	0.3530	13.530	1133.2	0.3557	
5	0.000	Not	0.2863	7.925	1115.7	0.2863	12.691	1102.9	0.2891	
6	0.000	Required	0.2438	7.096	1038.1	0.2438	11.671	1073.2	0.2459	
7	0.000		0.2158	5.827	930.4	0.2158	9.969	1009.4	0.2165	
8	0.000		0.1975	4.257	814.2	0.1975	7.299	866.3	0.1969	
9	0.000		0.1903	1.357	634.5	0.1903	2.356	649.7	0.1894	
10	0.000		0.1892	0.801	604.6	0.1892	1.371	611.6	0.1882	
		Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	4.041	642.8	0.7396	4.816	643.2	0.7396	6.290	656.0	0.7396	
2	18.688	985.1	0.7064	22.183	968.1	0.7084	27.632	936.8	0.7101	
3	22.044	1140.2	0.5113	26.556	1102.7	0.5171	32.787	984.2	0.5276	
4	21.874	1169.7	0.3672	26.466	1116.1	0.3718	33.285	1037.7	0.3855	
5	20.520	1117.7	0.2968	25.071	1109.2	0.3003	32.421	1088.8	0.3130	
6	18.504	1024.0	0.2515	23.077	1112.9	0.2540	30.882	1134.7	0.2646	
7	15.377	903.9	0.2216	19.394	1024.3	0.2228	27.192	1134.2	0.2309	
8	10.985	779.0	0.2021	13.758	852.6	0.2025	19.751	966.1	0.2078	
9	3.560	627.1	0.1948	4.483	647.5	0.1950	6.613	683.0	0.1991	
10	2.049	598.7	0.1935	2.570	609.8	0.1937	3.771	628.6	0.1975	
		Statepoint 11 (3.67 EFPD Cy 8)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	6.302	598.9	0.7396							
2	27.676	699.0	0.7102							
3	32.850	755.4	0.5280							
4	33.364	810.5	0.3861							
5	32.503	820.3	0.3136							
6	30.960	806.7	0.2651							
7	27.263	779.1	0.2314							
8	19.804	721.3	0.2083							
9	6.631	613.1	0.1996							
10	3.780	587.9	0.1979							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly D10

		Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.372	645.4	0.7396	2.245	649.0	0.7396	
2	0.000		0.7165	6.521	1011.1	0.7165	10.627	1028.8	0.7157	
3	0.000		0.5447	7.566	1081.3	0.5447	12.178	1079.1	0.5430	
4	0.000	Data	0.4038	7.359	1061.9	0.4038	11.781	1050.2	0.4032	
5	0.000	Not	0.3335	6.849	1016.0	0.3335	11.069	1020.4	0.3328	
6	0.000	Required	0.2866	6.166	957.8	0.2866	10.154	987.5	0.2855	
7	0.000		0.2548	5.043	869.7	0.2548	8.522	919.2	0.2530	
8	0.000		0.2340	3.712	776.8	0.2340	6.286	810.9	0.2315	
9	0.000		0.2258	1.186	625.2	0.2258	2.036	636.3	0.2230	
10	0.000		0.2246	0.694	599.0	0.2246	1.175	603.9	0.2218	
		Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	3.610	646.2	0.7396	4.400	644.8	0.7396	5.868	655.6	0.7396	
2	17.093	1015.0	0.7143	20.684	982.5	0.7146	26.180	941.0	0.7153	
3	20.464	1163.9	0.5360	25.075	1119.2	0.5365	31.233	977.8	0.5439	
4	20.451	1204.0	0.3910	25.199	1142.7	0.3901	31.866	1023.6	0.4006	
5	19.315	1159.8	0.3181	24.034	1137.5	0.3164	31.242	1075.0	0.3262	
6	17.406	1062.5	0.2709	21.883	1097.0	0.2683	29.686	1134.6	0.2760	
7	14.226	927.7	0.2399	18.016	990.1	0.2366	25.975	1150.8	0.2411	
8	10.069	785.7	0.2205	12.679	832.0	0.2168	18.898	986.0	0.2175	
9	3.246	627.4	0.2127	4.113	642.2	0.2090	6.327	688.1	0.2081	
10	1.859	599.0	0.2117	2.351	607.2	0.2079	3.602	631.4	0.2067	
		Statepoint 11 (3.67 EFPD Cy 8)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	5.889	629.2	0.7396							
2	26.259	821.9	0.7154							
3	31.335	898.5	0.5442							
4	31.978	941.2	0.4010							
5	31.351	928.4	0.3265							
6	29.787	893.6	0.2763							
7	26.063	843.3	0.2414							
8	18.962	757.5	0.2177							
9	6.349	624.6	0.2084							
10	3.614	596.2	0.2069							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly D11

		Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.662	664.5	0.7396	2.755	673.0	0.7396	
2	0.000		0.7022	7.750	1129.6	0.7022	12.729	1169.5	0.6999	
3	0.000		0.4972	8.609	1184.6	0.4972	13.922	1192.8	0.4928	
4	0.000	Data	0.3593	8.274	1150.1	0.3593	13.290	1143.0	0.3567	
5	0.000	Not	0.2932	7.631	1087.4	0.2932	12.419	1106.3	0.2912	
6	0.000	Required	0.2506	6.829	1014.4	0.2506	11.360	1066.5	0.2482	
7	0.000		0.2223	5.582	910.9	0.2223	9.550	984.9	0.2190	
8	0.000		0.2039	4.088	802.4	0.2039	6.973	847.4	0.1999	
9	0.000		0.1965	1.301	631.4	0.1965	2.246	644.8	0.1924	
10	0.000		0.1955	0.767	602.8	0.1955	1.307	609.0	0.1913	
		Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	3.942	634.5	0.7396	4.395	607.7	0.7396	4.971	596.3	0.7396	
2	18.143	922.1	0.7074	20.106	764.2	0.7108	22.379	697.6	0.7145	
3	20.701	1018.6	0.5227	23.463	849.7	0.5406	26.578	745.6	0.5619	
4	20.079	1019.5	0.3849	23.286	907.2	0.4073	27.291	806.8	0.4420	
5	18.768	980.9	0.3152	22.170	933.9	0.3361	26.790	852.1	0.3738	
6	17.030	924.4	0.2692	20.433	934.0	0.2877	25.567	892.0	0.3248	
7	14.220	847.5	0.2383	17.308	891.5	0.2548	22.649	908.7	0.2903	
8	10.036	737.9	0.2171	12.232	782.4	0.2316	16.471	824.7	0.2642	
9	3.167	611.7	0.2088	3.847	624.5	0.2225	5.231	639.0	0.2534	
10	1.801	588.9	0.2068	2.159	595.0	0.2196	2.872	601.5	0.2486	
		Statepoint 11 (3.67 EFPD Cy 8)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	4.984	602.2	0.7396							
2	22.435	736.3	0.7146							
3	26.656	809.7	0.5624							
4	27.383	860.1	0.4425							
5	26.928	1069.2	0.3743							
6	25.718	1129.9	0.3250							
7	22.777	1017.1	0.2904							
8	16.562	857.7	0.2642							
9	5.261	648.0	0.2534							
10	2.888	607.5	0.2487							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly D12

Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)				
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.773	672.0	0.7396	2.867	673.1	0.7396	
2	0.000		0.6950	8.134	1169.3	0.6950	13.083	1164.6	0.6949	
3	0.000		0.4764	9.169	1243.8	0.4764	14.677	1226.1	0.4773	
4	0.000	Data	0.3384	9.006	1226.0	0.3384	14.353	1198.1	0.3399	
5	0.000	Not	0.2729	8.517	1174.8	0.2729	13.691	1168.9	0.2744	
6	0.000	Required	0.2304	7.712	1095.4	0.2304	12.667	1132.9	0.2314	
7	0.000		0.2025	6.271	966.8	0.2025	10.707	1052.5	0.2024	
8	0.000		0.1845	4.581	837.2	0.1845	7.881	898.5	0.1831	
9	0.000		0.1773	1.489	641.7	0.1773	2.604	660.4	0.1755	
10	0.000		0.1764	0.889	609.3	0.1764	1.534	618.1	0.1744	
Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)				
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	3.735	613.9	0.7396	4.091	597.3	0.7396	4.625	593.6	0.7396	
2	17.050	808.7	0.7049	18.587	715.7	0.7085	20.695	686.9	0.7126	
3	20.000	896.9	0.5225	22.134	774.3	0.5412	24.896	722.5	0.5627	
4	20.356	951.6	0.3904	22.815	812.2	0.4155	26.256	767.3	0.4492	
5	19.796	960.1	0.3192	22.365	825.4	0.3438	26.341	804.6	0.3815	
6	18.464	934.6	0.2707	21.130	837.3	0.2945	25.636	843.5	0.3327	
7	15.801	879.2	0.2380	18.486	839.8	0.2619	23.337	869.7	0.2993	
8	11.389	767.1	0.2143	13.560	779.1	0.2377	17.582	808.7	0.2725	
9	3.670	619.6	0.2043	4.370	626.4	0.2265	5.720	637.1	0.2602	
10	2.094	592.4	0.2007	2.450	594.8	0.2211	3.140	600.2	0.2529	
Statepoint 11 (3.67 EFPD Cy 8)										
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	4.638	602.2	0.7396							
2	20.754	748.0	0.7127							
3	24.983	843.8	0.5632							
4	26.357	894.8	0.4496							
5	26.440	889.4	0.3818							
6	25.731	871.9	0.3330							
7	23.459	993.1	0.2995							
8	17.689	925.2	0.2727							
9	5.757	669.2	0.2602							
10	3.160	618.9	0.2530							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly D13

Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)				
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.723	668.6	0.7396	2.867	678.6	0.7396	
2	0.000		0.6998	7.818	1136.3	0.6998	12.883	1184.3	0.6970	
3	0.000		0.4916	8.707	1194.5	0.4916	14.154	1215.8	0.4856	
4	0.000	Data	0.3532	8.522	1175.3	0.3532	13.790	1184.7	0.3488	
5	0.000	Not	0.2864	7.967	1119.7	0.2864	13.082	1159.1	0.2825	
6	0.000	Required	0.2433	7.262	1053.1	0.2433	12.205	1131.1	0.2389	
7	0.000		0.2141	6.183	959.3	0.2141	10.685	1062.4	0.2089	
8	0.000		0.1946	4.660	842.9	0.1946	7.974	900.4	0.1889	
9	0.000		0.1868	1.506	642.7	0.1868	2.611	659.5	0.1810	
10	0.000		0.1857	0.890	609.3	0.1857	1.526	617.3	0.1799	
Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)				
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	3.980	629.7	0.7396	4.496	614.5	0.7396	5.183	603.5	0.7396	
2	17.893	888.9	0.7061	20.098	793.2	0.7096	22.748	722.5	0.7138	
3	20.609	990.1	0.5213	23.563	874.1	0.5382	26.992	766.6	0.5597	
4	20.550	1016.9	0.3831	23.795	912.3	0.4026	27.997	820.9	0.4351	
5	19.608	998.3	0.3118	22.914	920.7	0.3297	27.706	865.2	0.3644	
6	18.174	948.9	0.2642	21.473	919.6	0.2806	26.779	905.9	0.3143	
7	15.746	876.8	0.2315	18.833	891.2	0.2466	24.348	922.9	0.2784	
8	11.452	765.1	0.2091	13.765	795.9	0.2230	18.205	839.6	0.2519	
9	3.684	619.9	0.2003	4.435	631.2	0.2136	5.939	645.9	0.2414	
10	2.098	593.1	0.1979	2.493	598.4	0.2105	3.278	605.5	0.2368	
Statepoint 11 (3.67 EFPD Cy 8)										
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	5.196	602.2	0.7396							
2	22.806	744.4	0.7139							
3	27.113	992.8	0.5601							
4	28.160	1198.4	0.4354							
5	27.861	1147.3	0.3643							
6	26.924	1095.1	0.3141							
7	24.478	1021.6	0.2783							
8	18.300	873.6	0.2517							
9	5.973	660.0	0.2412							
10	3.297	616.0	0.2366							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly D14

Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)				
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.709	667.7	0.7396	2.881	681.8	0.7396	
2	0.000		0.7008	7.799	1134.3	0.7008	13.000	1208.3	0.6967	
3	0.000		0.4943	8.640	1187.6	0.4943	14.139	1224.9	0.4853	
4	0.000	Data	0.3563	8.395	1162.3	0.3563	13.628	1178.8	0.3498	
5	0.000	Not	0.2899	7.797	1103.2	0.2899	12.828	1145.4	0.2843	
6	0.000	Required	0.2470	7.043	1033.4	0.2470	11.838	1107.4	0.2413	
7	0.000		0.2183	5.875	934.2	0.2183	10.114	1023.5	0.2120	
8	0.000		0.1993	4.383	823.0	0.1993	7.465	871.4	0.1927	
9	0.000		0.1917	1.407	637.2	0.1917	2.425	651.5	0.1851	
10	0.000		0.1906	0.830	606.2	0.1906	1.415	612.9	0.1841	
Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)				
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	4.157	640.3	0.7396	4.713	618.9	0.7396	5.381	602.2	0.7396	
2	18.708	947.1	0.7041	21.051	810.3	0.7077	23.607	716.2	0.7117	
3	21.220	1046.2	0.5125	24.393	902.8	0.5293	27.811	766.0	0.5513	
4	20.764	1051.2	0.3747	24.292	951.5	0.3934	28.615	829.9	0.4274	
5	19.549	1013.5	0.3053	23.163	963.7	0.3221	28.217	885.8	0.3590	
6	17.880	955.0	0.2596	21.461	959.1	0.2745	27.092	932.5	0.3098	
7	15.217	880.0	0.2296	18.506	918.4	0.2426	24.328	948.6	0.2752	
8	10.915	763.3	0.2087	13.305	805.2	0.2202	17.947	855.0	0.2493	
9	3.475	618.7	0.2002	4.236	632.1	0.2112	5.791	648.9	0.2389	
10	1.977	592.5	0.1981	2.380	599.1	0.2086	3.189	606.8	0.2347	
Statepoint 11 (3.67 EFPD Cy 8)										
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	5.393	598.9	0.7396							
2	23.663	737.4	0.7118							
3	27.894	822.9	0.5518							
4	28.711	874.6	0.4279							
5	28.314	878.6	0.3594							
6	27.185	866.6	0.3101							
7	24.450	991.5	0.2755							
8	18.053	922.3	0.2496							
9	5.827	666.1	0.2392							
10	3.209	618.9	0.2350							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly D15

		Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.499	653.7	0.7396	2.525	665.6	0.7396	
2	0.000		0.7103	7.123	1067.5	0.7103	11.912	1137.6	0.7066	
3	0.000		0.5230	8.002	1123.4	0.5230	13.111	1158.6	0.5138	
4	0.000	Data	0.3843	7.656	1089.8	0.3843	12.446	1106.5	0.3773	
5	0.000	Not	0.3159	7.068	1035.5	0.3159	11.611	1068.3	0.3100	
6	0.000	Required	0.2714	6.354	973.5	0.2714	10.614	1026.3	0.2656	
7	0.000		0.2415	5.208	882.1	0.2415	8.875	944.0	0.2353	
8	0.000		0.2218	3.846	785.8	0.2218	6.516	822.0	0.2154	
9	0.000		0.2140	1.229	627.5	0.2140	2.106	638.7	0.2076	
10	0.000		0.2129	0.722	600.5	0.2129	1.222	605.5	0.2065	
		Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	3.849	643.5	0.7396	4.493	628.5	0.7396	5.364	615.4	0.7396	
2	17.994	979.8	0.7108	20.809	871.3	0.7134	24.197	773.7	0.7169	
3	20.654	1089.7	0.5279	24.317	971.0	0.5395	28.614	828.0	0.5592	
4	20.060	1096.6	0.3871	23.918	999.5	0.3987	28.998	887.8	0.4266	
5	18.792	1055.5	0.3166	22.638	997.7	0.3266	28.284	933.9	0.3543	
6	17.044	988.2	0.2705	20.808	985.5	0.2789	26.937	975.2	0.3046	
7	14.175	895.3	0.2396	17.595	936.5	0.2467	23.843	985.7	0.2699	
8	10.081	771.0	0.2194	12.557	815.5	0.2252	17.451	874.7	0.2448	
9	3.204	621.3	0.2116	3.998	635.2	0.2170	5.640	653.9	0.2353	
10	1.822	594.5	0.2103	2.252	601.5	0.2155	3.126	610.4	0.2327	
		Statepoint 11 (3.67 EFPD Cy 8)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	5.377	602.2	0.7396							
2	24.250	725.9	0.7170							
3	28.689	796.9	0.5596							
4	29.086	847.0	0.4272							
5	28.374	853.5	0.3548							
6	27.023	834.2	0.3050							
7	23.916	788.7	0.2702							
8	17.503	717.0	0.2451							
9	5.657	610.3	0.2356							
10	3.139	599.0	0.2332							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly D16

		Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.775	672.1	0.7396	2.869	673.1	0.7396	
2	0.000		0.6949	8.136	1169.5	0.6949	13.087	1164.9	0.6947	
3	0.000		0.4760	9.167	1243.5	0.4760	14.674	1226.0	0.4768	
4	0.000	Data	0.3381	9.003	1225.7	0.3381	14.349	1198.0	0.3395	
5	0.000	Not	0.2726	8.515	1174.6	0.2726	13.687	1168.7	0.2741	
6	0.000	Required	0.2301	7.710	1095.2	0.2301	12.663	1132.7	0.2311	
7	0.000		0.2022	6.270	966.7	0.2022	10.705	1052.3	0.2021	
8	0.000		0.1843	4.580	837.2	0.1843	7.879	898.3	0.1829	
9	0.000		0.1771	1.489	641.7	0.1771	2.604	660.4	0.1752	
10	0.000		0.1761	0.890	609.3	0.1761	1.534	618.0	0.1741	
		Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	3.822	619.3	0.7396	4.252	605.2	0.7396	5.386	632.9	0.7396	
2	17.588	848.7	0.7028	19.624	772.7	0.7071	24.023	849.7	0.7113	
3	20.635	948.2	0.5135	23.466	858.2	0.5328	28.744	903.6	0.5494	
4	21.885	1090.7	0.3822	24.810	870.1	0.4020	30.535	940.4	0.4195	
5	21.858	1151.9	0.3076	24.713	861.1	0.3256	30.813	972.7	0.3421	
6	20.262	1095.3	0.2569	23.094	858.1	0.2745	29.653	1013.7	0.2897	
7	17.055	981.5	0.2233	19.720	837.3	0.2409	26.485	1032.7	0.2542	
8	12.201	823.7	0.2006	14.828	833.5	0.2209	20.161	909.8	0.2307	
9	3.971	636.1	0.1918	4.872	645.4	0.2114	6.780	669.6	0.2204	
10	2.286	602.6	0.1899	2.808	609.9	0.2097	3.884	621.6	0.2187	
		Statepoint 11 (3.67 EFPD Cy 8)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	5.408	632.6	0.7396							
2	24.118	888.2	0.7113							
3	28.879	1048.1	0.5495							
4	30.683	1113.8	0.4195							
5	30.958	1096.7	0.3421							
6	29.795	1084.9	0.2897							
7	26.612	1012.2	0.2542							
8	20.254	865.5	0.2306							
9	6.815	663.1	0.2203							
10	3.904	618.9	0.2186							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly D17

		Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.710	667.8	0.7396	2.917	685.7	0.7396	
2	0.000		0.6995	7.822	1136.8	0.6995	13.136	1228.6	0.6943	
3	0.000		0.4902	8.767	1200.9	0.4902	14.443	1256.0	0.4786	
4	0.000	Data	0.3519	8.550	1178.1	0.3519	14.023	1220.0	0.3428	
5	0.000	Not	0.2855	8.000	1123.0	0.2855	13.306	1191.1	0.2775	
6	0.000	Required	0.2425	7.291	1055.8	0.2425	12.378	1154.6	0.2345	
7	0.000		0.2135	6.202	960.8	0.2135	10.730	1066.5	0.2050	
8	0.000		0.1940	4.704	846.1	0.1940	8.025	901.2	0.1855	
9	0.000		0.1861	1.528	643.9	0.1861	2.643	660.4	0.1776	
10	0.000		0.1849	0.905	610.1	0.1849	1.550	618.1	0.1766	
		Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	4.336	649.8	0.7396	4.945	624.7	0.7396	5.696	607.6	0.7396	
2	19.468	1002.4	0.7007	22.035	838.7	0.7045	24.888	736.3	0.7089	
3	22.109	1101.6	0.5001	25.564	941.5	0.5166	29.368	792.7	0.5395	
4	21.600	1092.9	0.3616	25.393	989.9	0.3788	30.123	860.5	0.4122	
5	20.359	1043.7	0.2933	24.238	1002.7	0.3085	29.675	916.6	0.3432	
6	18.645	974.0	0.2485	22.455	992.5	0.2617	28.451	963.6	0.2945	
7	15.945	888.6	0.2189	19.373	937.8	0.2303	25.507	975.6	0.2603	
8	11.521	766.3	0.1985	13.973	812.7	0.2085	18.803	869.6	0.2350	
9	3.717	620.0	0.1901	4.506	634.8	0.1996	6.142	653.6	0.2250	
10	2.131	593.5	0.1882	2.553	600.8	0.1972	3.413	609.6	0.2212	
		Statepoint 11 (3.67 EFPD Cy 8)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	5.720	639.5	0.7396							
2	24.982	881.2	0.7090							
3	29.487	976.0	0.5397							
4	30.251	1015.0	0.4124							
5	29.802	1010.3	0.3433							
6	28.568	967.9	0.2945							
7	25.605	885.7	0.2604							
8	18.873	781.0	0.2350							
9	6.166	630.4	0.2251							
10	3.427	601.8	0.2213							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly D18

		Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.592	659.9	0.7396	2.828	688.9	0.7396	
2	0.000		0.7059	7.302	1084.7	0.7059	12.709	1245.2	0.6971	
3	0.000		0.5114	8.234	1146.2	0.5114	13.884	1251.5	0.4901	
4	0.000	Data	0.3718	8.081	1130.8	0.3718	13.481	1207.3	0.3546	
5	0.000	Not	0.3029	7.556	1080.3	0.3029	12.770	1175.7	0.2881	
6	0.000	Required	0.2582	6.913	1021.7	0.2582	11.894	1137.2	0.2441	
7	0.000		0.2277	6.046	947.8	0.2277	10.446	1047.3	0.2140	
8	0.000		0.2066	4.689	845.0	0.2066	7.892	886.3	0.1941	
9	0.000		0.1979	1.512	643.0	0.1979	2.578	655.9	0.1857	
10	0.000		0.1967	0.887	609.2	0.1967	1.501	615.4	0.1847	
		Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	3.930	628.9	0.7396	4.433	613.1	0.7396	5.160	606.1	0.7396	
2	17.704	887.7	0.7062	19.866	788.0	0.7098	22.671	733.0	0.7141	
3	20.337	990.0	0.5246	23.232	866.4	0.5415	26.815	777.1	0.5628	
4	20.380	1029.5	0.3872	23.536	900.3	0.4068	27.842	828.6	0.4381	
5	19.562	1019.8	0.3154	22.765	906.6	0.3334	27.621	870.1	0.3661	
6	18.174	975.0	0.2672	21.391	908.6	0.2840	26.755	910.5	0.3155	
7	15.808	900.0	0.2342	18.875	888.6	0.2499	24.467	929.3	0.2794	
8	11.578	779.1	0.2117	13.944	802.1	0.2262	18.461	845.4	0.2526	
9	3.716	623.5	0.2026	4.492	633.5	0.2166	6.036	648.2	0.2421	
10	2.110	595.0	0.2004	2.517	599.5	0.2136	3.327	606.8	0.2379	
		Statepoint 11 (3.67 EFPD Cy 8)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	5.183	636.1	0.7396							
2	22.766	888.3	0.7141							
3	26.936	985.1	0.5630							
4	27.972	1024.4	0.4382							
5	27.751	1027.6	0.3661							
6	26.877	988.9	0.3154							
7	24.569	902.1	0.2793							
8	18.534	786.9	0.2525							
9	6.062	636.2	0.2421							
10	3.341	601.8	0.2379							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly D19

Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7
1	0.000		0.7396	1.639	663.0	0.7396	2.829	683.8	0.7396
2	0.000		0.7041	7.566	1110.9	0.7041	12.903	1232.6	0.6976
3	0.000		0.5051	8.347	1157.7	0.5051	13.881	1231.2	0.4897
4	0.000	Data	0.3677	8.023	1125.1	0.3677	13.212	1171.5	0.3557
5	0.000	Not	0.3009	7.435	1069.0	0.3009	12.383	1131.9	0.2906
6	0.000	Required	0.2575	6.714	1004.2	0.2575	11.370	1085.8	0.2477
7	0.000		0.2284	5.576	910.4	0.2284	9.588	991.2	0.2185
8	0.000		0.2091	4.175	808.4	0.2091	7.067	848.3	0.1995
9	0.000		0.2012	1.342	633.6	0.2012	2.295	645.6	0.1918
10	0.000		0.2002	0.790	604.0	0.2002	1.337	609.6	0.1908
Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)			
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8
1	4.335	655.7	0.7396	4.966	627.1	0.7396	5.818	614.2	0.7396
2	19.647	1040.8	0.7021	22.355	857.0	0.7056	25.614	764.5	0.7099
3	21.994	1146.1	0.5029	25.633	967.6	0.5180	29.918	827.3	0.5402
4	21.162	1129.7	0.3647	25.124	1015.2	0.3799	30.296	895.1	0.4106
5	19.735	1071.6	0.2973	23.824	1034.7	0.3103	29.574	942.7	0.3404
6	17.840	991.7	0.2534	21.841	1021.3	0.2642	28.093	986.0	0.2922
7	14.825	890.5	0.2241	18.351	951.6	0.2330	24.716	996.1	0.2588
8	10.525	763.8	0.2049	13.005	816.2	0.2124	17.955	879.2	0.2346
9	3.361	619.6	0.1974	4.152	635.0	0.2043	5.815	655.1	0.2254
10	1.922	593.7	0.1961	2.349	601.3	0.2027	3.235	611.0	0.2226
Statepoint 11 (3.67 EFPD Cy 8)									
Node	Burnup	Fuel	Mod. Dens.						
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)						
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8						
1	5.838	625.7	0.7396						
2	25.690	811.4	0.7100						
3	30.017	891.3	0.5406						
4	30.406	932.6	0.4110						
5	29.683	926.9	0.3407						
6	28.194	894.9	0.2925						
7	24.804	842.0	0.2590						
8	18.020	758.7	0.2348						
9	5.837	624.6	0.2255						
10	3.247	596.2	0.2228						

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly D20

Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)				
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.506	654.2	0.7396	2.557	668.3	0.7396	
2	0.000		0.7106	7.081	1063.4	0.7106	11.956	1151.9	0.7060	
3	0.000		0.5256	7.886	1112.1	0.5256	13.025	1163.5	0.5135	
4	0.000	Data	0.3874	7.554	1080.1	0.3874	12.366	1110.2	0.3779	
5	0.000	Not	0.3188	6.993	1028.7	0.3188	11.563	1072.5	0.3107	
6	0.000	Required	0.2740	6.319	970.5	0.2740	10.605	1030.2	0.2661	
7	0.000		0.2438	5.223	883.1	0.2438	8.905	946.1	0.2357	
8	0.000		0.2237	3.895	789.1	0.2237	6.574	823.0	0.2158	
9	0.000		0.2157	1.253	628.8	0.2157	2.136	639.2	0.2078	
10	0.000		0.2145	0.735	601.1	0.2145	1.239	605.8	0.2067	
Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)				
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	3.916	645.8	0.7396	4.652	638.8	0.7396	5.960	644.6	0.7396	
2	18.330	1006.5	0.7090	21.650	942.0	0.7111	26.609	895.1	0.7134	
3	21.050	1137.2	0.5209	25.258	1053.4	0.5282	31.086	949.2	0.5409	
4	20.786	1177.7	0.3789	24.973	1050.0	0.3851	31.315	994.0	0.4011	
5	19.739	1152.6	0.3076	23.817	1033.1	0.3131	30.572	1031.8	0.3278	
6	17.932	1069.5	0.2614	21.968	1026.6	0.2661	29.136	1071.0	0.2788	
7	14.852	947.5	0.2308	18.534	973.9	0.2345	25.743	1075.0	0.2447	
8	10.591	802.0	0.2113	13.343	849.6	0.2138	18.915	930.0	0.2210	
9	3.410	631.0	0.2036	4.334	647.6	0.2059	6.278	671.8	0.2119	
10	1.951	600.5	0.2027	2.464	609.1	0.2048	3.543	621.7	0.2104	
Statepoint 11 (3.67 EFPD Cy 8)										
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	5.981	629.2	0.7396							
2	26.690	833.6	0.7135							
3	31.194	926.8	0.5412							
4	31.434	976.6	0.4014							
5	30.691	972.1	0.3281							
6	29.245	928.5	0.2790							
7	25.835	860.2	0.2448							
8	18.981	764.5	0.2212							
9	6.301	627.5	0.2121							
10	3.555	596.2	0.2105							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly D21

		Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.747	670.3	0.7396	2.881	677.5	0.7396	
2	0.000		0.6967	8.021	1157.4	0.6967	13.125	1191.3	0.6945	
3	0.000		0.4819	8.952	1220.5	0.4819	14.495	1232.3	0.4780	
4	0.000	Data	0.3449	8.718	1195.6	0.3449	14.069	1198.8	0.3421	
5	0.000	Not	0.2797	8.183	1141.0	0.2797	13.361	1169.7	0.2771	
6	0.000	Required	0.2372	7.440	1069.7	0.2372	12.398	1133.4	0.2343	
7	0.000		0.2086	6.226	962.9	0.2086	10.690	1056.6	0.2049	
8	0.000		0.1897	4.685	844.7	0.1897	8.043	905.9	0.1853	
9	0.000		0.1820	1.535	644.3	0.1820	2.672	662.4	0.1774	
10	0.000		0.1809	0.913	610.6	0.1809	1.570	619.2	0.1763	
		Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	3.623	605.9	0.7396	4.086	608.8	0.7396	5.634	661.1	0.7396	
2	16.822	789.1	0.7050	19.078	799.1	0.7091	24.923	972.0	0.7097	
3	20.002	911.6	0.5270	23.215	908.1	0.5430	29.772	1013.5	0.5456	
4	20.146	957.8	0.3943	23.549	934.0	0.4100	30.621	1061.7	0.4127	
5	19.118	931.3	0.3211	22.546	937.5	0.3352	30.135	1112.7	0.3370	
6	17.501	879.9	0.2717	22.247	1145.2	0.2868	30.066	1136.1	0.2863	
7	14.893	813.6	0.2383	19.474	1115.3	0.2488	27.234	1130.1	0.2470	
8	11.284	749.1	0.2172	14.417	899.9	0.2238	20.402	965.3	0.2206	
9	3.749	620.2	0.2085	4.784	658.4	0.2142	6.951	685.2	0.2102	
10	2.237	598.1	0.2086	2.807	614.3	0.2135	4.030	629.9	0.2092	
		Statepoint 11 (3.67 EFPD Cy 8)								
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	5.647	602.2	0.7396							
2	24.975	725.0	0.7098							
3	29.845	788.8	0.5460							
4	30.707	839.3	0.4133							
5	30.223	843.1	0.3375							
6	30.147	819.1	0.2867							
7	27.307	788.6	0.2474							
8	20.456	724.7	0.2209							
9	6.970	616.0	0.2106							
10	4.039	587.9	0.2095							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly E1

		Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.558	657.5	0.7396	2.828	692.7	0.7396	
2	0.000		0.7076	7.180	1072.4	0.7076	12.760	1276.5	0.6964	
3	0.000		0.5187	8.033	1125.8	0.5187	13.747	1262.7	0.4915	
4	0.000	Data	0.3818	7.600	1083.9	0.3818	12.901	1189.8	0.3590	
5	0.000	Not	0.3140	7.114	1039.2	0.3140	12.180	1150.6	0.2941	
6	0.000	Required	0.2693	6.520	987.1	0.2693	11.294	1103.6	0.2508	
7	0.000		0.2387	5.646	915.5	0.2387	9.757	1004.8	0.2214	
8	0.000		0.2175	4.451	827.6	0.2175	7.423	857.5	0.2021	
9	0.000		0.2085	1.462	640.2	0.2085	2.473	650.8	0.1936	
10	0.000		0.2072	0.857	607.6	0.2072	1.443	612.9	0.1924	
		Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	3.600	607.7	0.7396	4.069	609.4	0.7396	5.558	657.0	0.7396	
2	16.607	799.7	0.7068	18.860	798.8	0.7106	24.474	951.0	0.7115	
3	19.288	913.9	0.5375	22.404	894.8	0.5524	28.795	998.0	0.5548	
4	18.926	953.0	0.4075	22.212	917.6	0.4226	29.164	1050.0	0.4247	
5	17.890	927.2	0.3347	21.204	921.4	0.3484	28.646	1097.5	0.3489	
6	16.353	876.2	0.2852	21.009	1129.5	0.2996	28.650	1117.4	0.2975	
7	13.926	811.0	0.2518	18.484	1110.9	0.2610	26.035	1108.4	0.2576	
8	10.613	745.7	0.2304	13.736	898.4	0.2353	19.533	948.6	0.2306	
9	3.536	619.4	0.2213	4.557	656.9	0.2254	6.624	679.1	0.2200	
10	2.098	597.4	0.2212	2.656	613.2	0.2246	3.810	625.9	0.2190	
		Statepoint 11 (3.67 EFPD Cy 8)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	5.573	608.8	0.7396							
2	24.531	739.9	0.7116							
3	28.873	808.7	0.5553							
4	29.257	862.4	0.4252							
5	28.738	858.5	0.3493							
6	28.734	827.7	0.2979							
7	26.109	792.0	0.2579							
8	19.588	726.8	0.2309							
9	6.643	616.0	0.2202							
10	3.820	590.6	0.2192							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly E2

		Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.572	658.5	0.7396	2.715	678.4	0.7396	
2	0.000		0.7038	7.483	1102.6	0.7038	12.620	1196.6	0.6993	
3	0.000		0.4957	9.039	1228.9	0.4957	14.486	1215.1	0.4881	
4	0.000	Data	0.3514	8.792	1202.7	0.3514	13.886	1155.2	0.3487	
5	0.000	Not	0.2835	8.181	1140.3	0.2835	13.071	1122.0	0.2825	
6	0.000	Required	0.2403	7.300	1056.4	0.2403	11.975	1088.2	0.2394	
7	0.000		0.2122	5.880	934.3	0.2122	10.013	1007.9	0.2104	
8	0.000		0.1942	4.301	817.1	0.1942	7.316	862.8	0.1916	
9	0.000		0.1870	1.391	636.3	0.1870	2.411	651.6	0.1842	
10	0.000		0.1860	0.825	605.9	0.1860	1.414	613.2	0.1831	
		Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	3.812	628.6	0.7396	4.292	610.6	0.7396	4.883	597.3	0.7396	
2	17.597	885.9	0.7077	19.656	775.5	0.7113	21.965	699.9	0.7151	
3	20.795	977.1	0.5231	23.575	851.7	0.5405	26.623	741.0	0.5614	
4	20.421	996.6	0.3844	23.562	898.1	0.4057	27.447	798.0	0.4399	
5	19.318	971.8	0.3136	22.559	911.5	0.3334	27.089	845.1	0.3713	
6	17.669	926.0	0.2668	20.918	912.7	0.2850	25.997	887.3	0.3225	
7	14.834	858.4	0.2357	17.879	885.6	0.2526	23.213	907.8	0.2886	
8	10.540	748.2	0.2140	12.773	786.5	0.2292	17.073	828.9	0.2624	
9	3.405	615.6	0.2053	4.114	627.2	0.2197	5.537	641.2	0.2511	
10	1.944	590.8	0.2027	2.316	596.3	0.2163	3.048	602.5	0.2457	
		Statepoint 11 (3.67 EFPD Cy 8)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	4.897	605.5	0.7396							
2	22.024	745.6	0.7151							
3	26.703	813.1	0.5618							
4	27.538	857.2	0.4403							
5	27.225	1058.5	0.3717							
6	26.144	1110.3	0.3227							
7	23.336	992.0	0.2887							
8	17.159	839.5	0.2624							
9	5.566	645.0	0.2511							
10	3.064	607.4	0.2458							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly E3

		Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.773	671.9	0.7396	2.901	676.8	0.7396	
2	0.000		0.6962	8.141	1169.4	0.6962	13.190	1181.1	0.6952	
3	0.000		0.4803	9.037	1229.0	0.4803	14.526	1222.2	0.4788	
4	0.000	Data	0.3444	8.528	1175.4	0.3444	13.777	1180.8	0.3433	
5	0.000	Not	0.2803	7.955	1118.0	0.2803	13.022	1150.7	0.2789	
6	0.000	Required	0.2387	7.214	1048.4	0.2387	12.092	1120.1	0.2365	
7	0.000		0.2108	5.988	943.0	0.2108	10.404	1049.1	0.2073	
8	0.000		0.1923	4.490	830.5	0.1923	7.739	891.8	0.1880	
9	0.000		0.1849	1.472	640.7	0.1849	2.580	659.7	0.1803	
10	0.000		0.1838	0.876	608.6	0.1838	1.516	617.6	0.1792	
		Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	4.221	643.2	0.7396	4.979	641.2	0.7396	6.418	653.5	0.7396	
2	19.294	981.7	0.7019	22.704	955.2	0.7046	28.032	926.0	0.7075	
3	22.595	1141.3	0.5001	27.097	1100.7	0.5084	33.201	972.6	0.5215	
4	22.271	1184.9	0.3587	26.909	1123.2	0.3651	33.579	1023.5	0.3809	
5	21.063	1138.4	0.2894	25.630	1111.4	0.2944	32.827	1073.4	0.3092	
6	19.338	1061.3	0.2444	23.745	1085.0	0.2483	31.425	1121.5	0.2611	
7	16.220	936.5	0.2141	20.062	997.3	0.2171	27.860	1133.5	0.2275	
8	11.572	789.1	0.1942	14.363	854.2	0.1967	20.511	979.2	0.2042	
9	3.841	630.2	0.1867	4.823	653.2	0.1891	7.059	689.4	0.1954	
10	2.230	600.6	0.1854	2.791	613.5	0.1877	4.057	632.2	0.1937	
		Statepoint 11 (3.67 EFPD Cy 8)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	6.427	589.1	0.7396							
2	28.066	662.9	0.7075							
3	33.250	708.6	0.5218							
4	33.643	756.7	0.3815							
5	32.894	769.4	0.3098							
6	31.490	759.0	0.2616							
7	27.918	735.2	0.2280							
8	20.553	685.9	0.2047							
9	7.072	599.0	0.1958							
10	4.064	582.3	0.1941							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly E4

Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)				
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.570	658.3	0.7396	2.712	678.3	0.7396	
2	0.000		0.7040	7.478	1102.1	0.7040	12.612	1196.0	0.6994	
3	0.000		0.4960	9.036	1228.6	0.4960	14.481	1214.9	0.4885	
4	0.000	Data	0.3517	8.789	1202.4	0.3517	13.883	1155.1	0.3490	
5	0.000	Not	0.2837	8.178	1140.1	0.2837	13.068	1121.9	0.2827	
6	0.000	Required	0.2405	7.298	1056.2	0.2405	11.972	1088.1	0.2396	
7	0.000		0.2125	5.877	934.1	0.2125	10.010	1007.8	0.2106	
8	0.000		0.1945	4.299	817.0	0.1945	7.313	862.7	0.1918	
9	0.000		0.1873	1.390	636.2	0.1873	2.410	651.6	0.1844	
10	0.000		0.1862	0.825	605.9	0.1862	1.413	613.1	0.1833	
Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)				
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	3.810	628.6	0.7396	4.291	610.7	0.7396	4.882	597.3	0.7396	
2	17.591	886.1	0.7078	19.651	775.6	0.7114	21.957	699.6	0.7151	
3	20.789	977.1	0.5234	23.570	851.6	0.5407	26.615	740.8	0.5616	
4	20.416	996.5	0.3847	23.555	897.9	0.4060	27.439	797.9	0.4402	
5	19.313	971.6	0.3138	22.553	911.4	0.3336	27.082	845.0	0.3715	
6	17.665	925.9	0.2671	20.914	912.5	0.2852	25.991	887.3	0.3227	
7	14.830	858.4	0.2359	17.875	885.5	0.2528	23.209	907.7	0.2889	
8	10.537	748.2	0.2142	12.770	786.5	0.2294	17.069	828.9	0.2626	
9	3.404	615.6	0.2055	4.113	627.2	0.2199	5.537	641.2	0.2513	
10	1.942	590.8	0.2029	2.314	596.3	0.2165	3.047	602.6	0.2459	
Statepoint 11 (3.67 EFPD Cy 8)										
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	4.895	602.2	0.7396							
2	22.015	745.6	0.7152							
3	26.694	813.1	0.5620							
4	27.530	858.5	0.4406							
5	27.218	1058.5	0.3720							
6	26.138	1110.3	0.3230							
7	23.332	993.5	0.2889							
8	17.156	840.6	0.2627							
9	5.565	642.1	0.2513							
10	3.063	607.4	0.2460							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly E5

		Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.737	669.5	0.7396	2.906	681.3	0.7396	
2	0.000		0.6975	8.045	1159.5	0.6975	13.270	1212.1	0.6942	
3	0.000		0.4826	9.028	1228.0	0.4826	14.708	1256.1	0.4758	
4	0.000	Data	0.3461	8.505	1173.0	0.3461	13.936	1212.0	0.3403	
5	0.000	Not	0.2818	7.945	1117.1	0.2818	13.177	1178.0	0.2764	
6	0.000	Required	0.2400	7.199	1047.1	0.2400	12.188	1137.9	0.2341	
7	0.000		0.2120	5.931	938.4	0.2120	10.335	1047.4	0.2052	
8	0.000		0.1936	4.469	828.9	0.1936	7.696	889.1	0.1863	
9	0.000		0.1861	1.473	640.8	0.1861	2.581	659.7	0.1786	
10	0.000		0.1850	0.878	608.7	0.1850	1.522	618.0	0.1776	
		Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	4.208	642.0	0.7396	4.980	642.8	0.7396	6.468	656.9	0.7396	
2	19.303	975.3	0.7020	22.731	957.7	0.7047	28.154	934.3	0.7071	
3	22.655	1128.9	0.5000	27.081	1088.2	0.5084	33.282	981.2	0.5205	
4	22.262	1167.3	0.3585	26.779	1103.0	0.3653	33.584	1036.1	0.3803	
5	21.052	1121.7	0.2894	25.520	1095.0	0.2949	32.837	1085.1	0.3088	
6	19.188	1038.6	0.2444	23.732	1107.5	0.2489	31.478	1128.2	0.2607	
7	15.967	921.4	0.2142	20.068	1036.7	0.2176	27.867	1133.6	0.2271	
8	11.483	785.8	0.1946	14.404	871.2	0.1969	20.478	972.8	0.2038	
9	3.836	629.9	0.1870	4.837	655.0	0.1892	7.036	687.1	0.1950	
10	2.231	600.3	0.1856	2.798	614.0	0.1877	4.043	631.0	0.1932	
		Statepoint 11 (3.67 EFPD Cy 8)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	6.482	605.5	0.7396							
2	28.204	717.9	0.7072							
3	33.353	781.5	0.5209							
4	33.671	837.8	0.3810							
5	32.925	842.9	0.3094							
6	31.560	821.4	0.2612							
7	27.941	793.3	0.2276							
8	20.534	730.1	0.2042							
9	7.055	616.0	0.1954							
10	4.053	590.6	0.1937							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly E6

		Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.670	665.0	0.7396	2.739	670.2	0.7396	
2	0.000		0.7003	7.827	1137.1	0.7003	12.694	1149.9	0.6996	
3	0.000		0.4881	9.048	1230.0	0.4881	14.328	1186.4	0.4889	
4	0.000	Data	0.3479	8.655	1188.4	0.3479	13.625	1134.8	0.3507	
5	0.000	Not	0.2821	8.021	1124.5	0.2821	12.786	1102.2	0.2851	
6	0.000	Required	0.2400	7.176	1045.0	0.2400	11.744	1071.7	0.2425	
7	0.000		0.2125	5.828	930.2	0.2125	9.946	1005.7	0.2137	
8	0.000		0.1945	4.278	815.5	0.1945	7.306	864.3	0.1945	
9	0.000		0.1875	1.382	635.8	0.1875	2.404	651.8	0.1871	
10	0.000		0.1864	0.820	605.6	0.1864	1.405	612.8	0.1859	
		Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	3.842	629.0	0.7396	4.275	605.5	0.7396	4.793	592.6	0.7396	
2	17.715	889.5	0.7078	19.580	752.7	0.7112	21.624	682.7	0.7147	
3	20.667	979.7	0.5235	23.276	830.5	0.5416	26.078	725.0	0.5622	
4	20.074	989.2	0.3861	23.128	886.5	0.4096	26.818	784.4	0.4448	
5	18.862	957.4	0.3159	22.077	908.0	0.3380	26.428	831.7	0.3781	
6	17.213	908.1	0.2695	20.436	909.1	0.2896	25.325	872.5	0.3295	
7	14.509	839.4	0.2385	17.480	875.9	0.2567	22.605	890.9	0.2953	
8	10.293	733.0	0.2164	12.420	774.3	0.2327	16.520	814.4	0.2685	
9	3.315	611.1	0.2076	3.979	623.0	0.2229	5.317	636.3	0.2567	
10	1.892	588.5	0.2051	2.239	594.0	0.2194	2.923	599.9	0.2509	
		Statepoint 11 (3.67 EFPD Cy 8)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	4.805	598.9	0.7396							
2	21.678	730.3	0.7148							
3	26.193	968.5	0.5627							
4	26.977	1173.8	0.4451							
5	26.579	1129.1	0.3781							
6	25.465	1076.2	0.3294							
7	22.729	999.4	0.2950							
8	16.612	861.3	0.2683							
9	5.350	656.9	0.2565							
10	2.941	613.1	0.2507							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly E7

		Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.772	671.9	0.7396	2.859	672.2	0.7396	
2	0.000		0.6953	8.167	1172.3	0.6953	13.097	1160.7	0.6954	
3	0.000		0.4775	9.122	1238.1	0.4775	14.602	1220.6	0.4787	
4	0.000	Data	0.3418	8.624	1185.3	0.3418	13.894	1184.4	0.3428	
5	0.000	Not	0.2781	8.108	1133.1	0.2781	13.186	1152.5	0.2785	
6	0.000	Required	0.2363	7.360	1061.8	0.2363	12.198	1113.9	0.2359	
7	0.000		0.2084	6.032	946.6	0.2084	10.362	1036.4	0.2069	
8	0.000		0.1901	4.528	833.1	0.1901	7.793	893.7	0.1875	
9	0.000		0.1827	1.497	642.1	0.1827	2.627	661.7	0.1797	
10	0.000		0.1816	0.893	609.5	0.1816	1.547	618.9	0.1785	
		Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	3.911	625.7	0.7396	4.356	606.8	0.7396	5.070	605.2	0.7396	
2	17.902	872.2	0.7047	19.827	759.6	0.7085	22.592	730.2	0.7130	
3	20.834	970.7	0.5166	23.454	831.6	0.5351	26.992	773.9	0.5574	
4	20.810	1030.7	0.3812	23.711	866.8	0.4036	27.964	824.4	0.4355	
5	20.181	1037.7	0.3105	23.134	873.5	0.3313	27.901	863.1	0.3642	
6	18.754	998.5	0.2628	21.759	880.2	0.2825	27.046	904.0	0.3142	
7	16.018	923.2	0.2304	18.982	874.9	0.2498	24.564	928.1	0.2798	
8	11.612	788.2	0.2075	14.005	805.1	0.2262	18.550	847.3	0.2531	
9	3.813	626.1	0.1983	4.603	634.8	0.2161	6.161	649.0	0.2418	
10	2.184	596.5	0.1958	2.595	599.8	0.2123	3.411	607.1	0.2368	
		Statepoint 11 (3.67 EFPD Cy 8)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	5.094	639.5	0.7396							
2	22.691	903.6	0.7130							
3	27.116	996.0	0.5576							
4	28.093	1022.4	0.4356							
5	28.030	1017.7	0.3641							
6	27.164	972.0	0.3142							
7	24.663	886.7	0.2798							
8	18.620	777.3	0.2531							
9	6.186	633.3	0.2417							
10	3.425	601.8	0.2368							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly E8

		Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.668	664.9	0.7396	2.807	678.0	0.7396	
2	0.000		0.7007	7.832	1137.5	0.7007	12.965	1195.9	0.6970	
3	0.000		0.4899	8.934	1217.9	0.4899	14.561	1246.7	0.4823	
4	0.000	Data	0.3515	8.417	1164.0	0.3515	13.787	1201.7	0.3452	
5	0.000	Not	0.2864	7.818	1104.8	0.2864	12.985	1167.2	0.2805	
6	0.000	Required	0.2442	7.046	1033.2	0.2442	11.986	1130.1	0.2378	
7	0.000		0.2161	5.782	926.4	0.2161	10.154	1042.6	0.2085	
8	0.000		0.1977	4.346	820.2	0.1977	7.534	884.2	0.1895	
9	0.000		0.1901	1.424	638.1	0.1901	2.512	657.8	0.1818	
10	0.000		0.1890	0.847	607.0	0.1890	1.478	616.8	0.1807	
		Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	4.170	646.0	0.7396	4.927	641.1	0.7396	6.347	652.2	0.7396	
2	19.207	994.0	0.7029	22.602	952.9	0.7055	27.839	918.3	0.7084	
3	22.710	1149.3	0.5009	27.173	1094.1	0.5094	33.188	964.9	0.5229	
4	22.363	1193.4	0.3587	26.972	1118.4	0.3654	33.603	1020.0	0.3820	
5	21.128	1148.8	0.2893	25.679	1108.6	0.2947	32.860	1071.9	0.3102	
6	19.144	1053.3	0.2442	23.540	1083.2	0.2485	31.264	1125.9	0.2620	
7	15.818	924.2	0.2142	19.596	988.0	0.2176	27.425	1136.7	0.2286	
8	11.287	783.5	0.1950	13.886	830.6	0.1977	19.971	973.8	0.2055	
9	3.751	629.0	0.1875	4.629	643.2	0.1901	6.813	686.2	0.1968	
10	2.181	600.0	0.1863	2.680	607.8	0.1889	3.915	630.5	0.1951	
		Statepoint 11 (3.67 EFPD Cy 8)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	6.357	592.3	0.7396							
2	27.880	686.7	0.7084							
3	33.246	738.3	0.5232							
4	33.677	792.0	0.3826							
5	32.938	804.1	0.3108							
6	31.337	788.4	0.2626							
7	27.491	764.8	0.2292							
8	20.021	708.2	0.2061							
9	6.829	607.4	0.1972							
10	3.923	585.1	0.1955							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly E9

		Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.625	662.0	0.7396	2.694	670.2	0.7396	
2	0.000		0.7032	7.578	1111.7	0.7032	12.456	1152.1	0.7006	
3	0.000		0.4976	8.732	1196.5	0.4976	14.229	1223.7	0.4916	
4	0.000	Data	0.3580	8.329	1155.0	0.3580	13.633	1190.3	0.3527	
5	0.000	Not	0.2915	7.836	1106.5	0.2915	12.952	1158.7	0.2865	
6	0.000	Required	0.2480	7.106	1038.6	0.2480	11.982	1119.9	0.2427	
7	0.000		0.2191	5.808	928.4	0.2191	10.113	1032.7	0.2127	
8	0.000		0.2002	4.384	822.8	0.2002	7.569	883.7	0.1930	
9	0.000		0.1924	1.449	639.5	0.1924	2.548	658.9	0.1849	
10	0.000		0.1812	0.862	607.8	0.1912	1.501	617.5	0.1837	
		Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	3.857	632.9	0.7396	4.278	604.2	0.7396	4.864	596.9	0.7396	
2	17.699	907.6	0.7082	19.515	747.0	0.7115	21.813	699.1	0.7153	
3	20.815	1001.1	0.5233	23.378	824.8	0.5412	26.468	743.8	0.5623	
4	20.320	1010.1	0.3842	23.380	887.4	0.4083	27.335	803.0	0.4425	
5	19.221	973.7	0.3134	22.590	929.0	0.3367	27.129	845.8	0.3736	
6	17.573	917.7	0.2664	20.995	936.4	0.2872	26.048	885.4	0.3237	
7	14.699	841.2	0.2346	17.782	890.6	0.2530	23.061	903.3	0.2887	
8	10.559	733.1	0.2123	12.735	780.0	0.2284	16.931	821.3	0.2613	
9	3.473	611.9	0.2033	4.158	625.0	0.2183	5.550	639.4	0.2494	
10	1.999	589.1	0.2009	2.360	595.3	0.2149	3.082	602.0	0.2441	
		Statepoint 11 (3.67 EFPD Cy 8)								
Node	Burnup	Fuel	Mod. Dens.							
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	4.877	602.2	0.7396							
2	21.870	740.8	0.7154							
3	26.549	817.0	0.5628							
4	27.428	863.7	0.4430							
5	27.223	865.0	0.3740							
6	26.137	845.5	0.3240							
7	23.138	804.2	0.2890							
8	16.986	726.9	0.2616							
9	5.568	613.1	0.2497							
10	3.095	599.0	0.2444							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly E10

Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7
1	0.000		0.7396	1.740	669.7	0.7396	2.909	681.3	0.7396
2	0.000		0.6973	8.051	1160.1	0.6973	13.280	1212.7	0.6941
3	0.000		0.4823	9.030	1228.2	0.4823	14.711	1256.3	0.4755
4	0.000	Data	0.3458	8.505	1173.0	0.3458	13.937	1212.1	0.3401
5	0.000	Not	0.2816	7.945	1117.1	0.2816	13.177	1178.1	0.2762
6	0.000	Required	0.2398	7.199	1047.0	0.2398	12.188	1138.0	0.2340
7	0.000		0.2119	5.930	938.3	0.2119	10.334	1047.4	0.2050
8	0.000		0.1935	4.468	828.8	0.1935	7.695	889.0	0.1862
9	0.000		0.1859	1.473	640.8	0.1859	2.580	659.6	0.1785
10	0.000		0.1849	0.878	608.7	0.1849	1.522	618.0	0.1774
Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8
1	4.211	642.0	0.7396	4.984	642.9	0.7396	6.472	656.9	0.7396
2	19.314	975.4	0.7019	22.743	957.8	0.7046	28.166	934.3	0.7070
3	22.658	1129.0	0.4998	27.085	1088.2	0.5081	33.287	981.3	0.5202
4	22.261	1167.2	0.3583	26.778	1103.0	0.3650	33.584	1036.2	0.3801
5	21.050	1121.6	0.2892	25.519	1095.0	0.2947	32.836	1085.2	0.3086
6	19.187	1038.5	0.2442	23.730	1107.3	0.2488	31.476	1128.2	0.2605
7	15.965	921.4	0.2141	20.065	1036.6	0.2174	27.864	1133.6	0.2270
8	11.481	785.8	0.1945	14.401	871.1	0.1968	20.475	972.8	0.2037
9	3.836	629.9	0.1869	4.837	655.0	0.1890	7.035	687.0	0.1949
10	2.231	600.3	0.1856	2.798	614.0	0.1876	4.043	631.0	0.1932
Statepoint 11 (3.67 EFPD Cy 8)									
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)						
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8						
1	6.486	605.5	0.7396						
2	28.216	716.8	0.7071						
3	33.358	780.7	0.5207						
4	33.671	837.8	0.3807						
5	32.924	842.9	0.3092						
6	31.559	822.7	0.2611						
7	27.939	793.2	0.2275						
8	20.531	730.1	0.2041						
9	7.054	616.0	0.1953						
10	4.053	590.6	0.1935						

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly E11

Datapoint 5 (BOC Cy 6)			Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)				
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	
1	0.000		0.7396	1.770	671.7	0.7396	2.856	672.1	0.7396	
2	0.000		0.6954	8.161	1171.6	0.6954	13.086	1160.0	0.6955	
3	0.000		0.4778	9.117	1237.6	0.4778	14.593	1220.0	0.4790	
4	0.000	Data	0.3421	8.619	1184.7	0.3421	13.866	1184.0	0.3431	
5	0.000	Not	0.2784	8.103	1132.6	0.2784	13.180	1152.2	0.2787	
6	0.000	Required	0.2365	7.355	1061.3	0.2365	12.191	1113.5	0.2361	
7	0.000		0.2086	6.026	946.1	0.2086	10.356	1036.2	0.2071	
8	0.000		0.1903	4.523	832.8	0.1903	7.787	893.5	0.1877	
9	0.000		0.1829	1.496	642.0	0.1829	2.625	661.6	0.1799	
10	0.000		0.1818	0.892	609.4	0.1818	1.546	618.9	0.1788	
Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)				
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	
1	3.907	625.6	0.7396	4.352	606.8	0.7396	5.065	605.1	0.7396	
2	17.884	871.7	0.7048	19.807	759.4	0.7086	22.567	729.8	0.7131	
3	20.820	970.2	0.5169	23.436	831.1	0.5354	26.969	773.6	0.5577	
4	20.797	1030.2	0.3815	23.696	866.4	0.4039	27.943	824.1	0.4359	
5	20.169	1037.3	0.3108	23.120	873.2	0.3316	27.884	862.8	0.3645	
6	18.743	998.2	0.2630	21.746	879.9	0.2828	27.029	903.7	0.3146	
7	16.008	922.9	0.2306	18.970	874.7	0.2501	24.549	927.9	0.2801	
8	11.604	788.1	0.2077	13.995	804.9	0.2264	18.538	847.1	0.2534	
9	3.811	626.1	0.1985	4.600	634.7	0.2163	6.158	649.0	0.2421	
10	2.181	596.4	0.1960	2.592	599.8	0.2125	3.408	607.1	0.2371	
Statepoint 11 (3.67 EFPD Cy 8)										
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)							
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8							
1	5.089	639.5	0.7396							
2	22.665	902.2	0.7131							
3	27.092	991.4	0.5579							
4	28.073	1022.5	0.4359							
5	28.012	1014.6	0.3645							
6	27.148	972.0	0.3145							
7	24.648	886.8	0.2801							
8	18.607	777.3	0.2533							
9	6.182	630.3	0.2420							
10	3.422	601.8	0.2370							

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly E12

Datapoint 5 (BOC Cy 6)										Datapoint 6 (196.1 Cy 6)			Statepoint 7 (BOC Cy 7)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 6	0.00 Cy 6	0.00 Cy 6	196.1 Cy 6	196.1 Cy 6	196.1 Cy 6	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7						
1	0.000		0.7396	1.669	664.9	0.7396	2.755	672.1	0.7396						
2	0.000		0.6996	7.718	1125.9	0.6996	12.684	1167.0	0.6974						
3	0.000		0.4892	8.894	1213.5	0.4892	14.378	1221.4	0.4853						
4	0.000	Data	0.3499	8.722	1195.3	0.3499	13.955	1178.3	0.3480						
5	0.000	Not	0.2823	8.419	1164.2	0.2823	13.455	1145.7	0.2815						
6	0.000	Required	0.2378	7.679	1091.8	0.2378	12.474	1106.9	0.2373						
7	0.000		0.2088	6.160	957.2	0.2088	10.386	1021.3	0.2076						
8	0.000		0.1903	4.524	832.8	0.1903	7.648	876.1	0.1882						
9	0.000		0.1828	1.500	642.3	0.1828	2.584	657.5	0.1804						
10	0.000		0.1817	0.898	609.7	0.1817	1.529	616.8	0.1792						
Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			Statepoint 10 (BOC Cy 8)									
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8						
1	3.899	631.6	0.7396	4.339	606.2	0.7396	5.348	624.5	0.7396						
2	17.979	911.9	0.7033	20.051	776.8	0.7073	23.952	811.2	0.7119						
3	21.335	1034.5	0.5099	24.348	881.6	0.5289	29.074	859.9	0.5482						
4	21.383	1078.1	0.3739	24.717	924.2	0.3949	30.095	911.5	0.4180						
5	20.578	1049.6	0.3034	23.919	925.0	0.3220	29.844	957.2	0.3439						
6	19.826	1071.1	0.2606	22.962	897.5	0.2759	29.314	994.5	0.2944						
7	16.498	961.1	0.2270	19.282	851.9	0.2415	26.044	1031.9	0.2585						
8	11.691	803.7	0.2042	14.275	827.3	0.2209	20.188	957.9	0.2352						
9	3.879	632.1	0.1953	4.913	658.2	0.2133	7.114	687.2	0.2256						
10	2.244	600.6	0.1931	2.820	614.9	0.2105	4.082	632.0	0.2231						
Statepoint 11 (3.67 EFPD Cy 8)															
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)												
	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8												
1	5.360	598.9	0.7396												
2	24.000	709.9	0.7119												
3	29.143	774.3	0.5486												
4	30.178	822.6	0.4185												
5	29.926	818.9	0.3444												
6	29.387	790.8	0.2948												
7	26.106	751.0	0.2589												
8	20.232	691.1	0.2356												
9	7.129	604.6	0.2259												
10	4.089	582.3	0.2234												

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F1

Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)				
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	0.000		0.7396	1.476	653.0	0.7396	2.015	616.6	0.7396	
2	0.000		0.7047	7.206	1081.6	0.7047	10.020	868.6	0.7084	
3	0.000		0.4958	8.794	1210.8	0.4958	12.553	981.0	0.5192	
4	0.000	Data	0.3519	8.612	1191.6	0.3519	12.552	1007.7	0.3809	
5	0.000	Not	0.2841	7.811	1110.8	0.2841	12.733	1170.2	0.3166	
6	0.000	Required	0.2423	6.616	1000.7	0.2423	11.582	1175.4	0.2651	
7	0.000		0.2170	4.799	854.8	0.2170	8.547	980.5	0.2312	
8	0.000		0.2020	3.285	750.7	0.2020	5.795	817.9	0.2116	
9	0.000		0.1956	1.007	616.0	0.1956	1.797	634.3	0.2041	
10	0.000		0.1957	0.653	597.1	0.1957	1.142	606.6	0.2034	
Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)							
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)				
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8				
1	3.215	636.8	0.7396	3.237	632.1	0.7396				
2	15.548	940.0	0.7117	15.651	916.7	0.7118				
3	19.105	1008.9	0.5346	19.237	1027.3	0.5349				
4	19.525	1047.7	0.3978	19.665	1068.3	0.3979				
5	19.958	1071.6	0.3281	20.097	1065.0	0.3282				
6	19.173	1107.6	0.2755	19.304	1023.4	0.2756				
7	15.937	1087.9	0.2396	16.049	942.6	0.2397				
8	11.180	912.3	0.2157	11.259	807.3	0.2158				
9	3.538	659.0	0.2067	3.564	635.7	0.2067				
10	2.206	620.5	0.2053	2.222	607.2	0.2054				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F2

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	0.000		0.7396	1.324	642.9	0.7396	2.123	645.2	0.7396	
2	0.000		0.7145	6.493	1013.7	0.7145	10.588	1059.3	0.7119	
3	0.000		0.5257	8.311	1160.4	0.5257	13.445	1204.6	0.5161	
4	0.000	Data	0.3736	8.381	1167.6	0.3736	13.426	1188.7	0.3656	
5	0.000	Not	0.3006	7.675	1097.5	0.3006	12.533	1155.9	0.2934	
6	0.000	Required	0.2557	6.546	994.6	0.2557	11.107	1105.8	0.2477	
7	0.000		0.2284	4.803	854.9	0.2284	8.438	964.0	0.2189	
8	0.000		0.2121	3.363	755.8	0.2121	5.858	816.0	0.2019	
9	0.000		0.2055	1.043	617.9	0.2055	1.848	635.7	0.1949	
10	0.000		0.2045	0.671	598.1	0.2045	1.181	608.5	0.1940	
		Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8				
1	3.441	644.7	0.7396	3.467	645.8	0.7396				
2	16.463	970.6	0.7122	16.581	987.5	0.7123				
3	20.149	1022.7	0.5276	20.288	1060.9	0.5277				
4	20.538	1060.8	0.3832	20.678	1065.0	0.3833				
5	20.090	1104.1	0.3101	20.222	1032.8	0.3102				
6	19.042	1142.4	0.2616	19.162	974.5	0.2616				
7	16.068	1111.7	0.2289	16.169	895.0	0.2290				
8	11.415	926.4	0.2066	11.485	777.2	0.2067				
9	3.662	663.3	0.1979	3.684	624.2	0.1981				
10	2.302	623.7	0.1965	2.315	598.8	0.1966				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F3

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	0.000		0.7396	1.264	639.0	0.7396	2.007	639.0	0.7396	
2	0.000		0.7175	6.272	993.6	0.7175	10.119	1019.1	0.7160	
3	0.000		0.5366	8.035	1132.5	0.5366	12.889	1155.2	0.5306	
4	0.000	Data	0.3842	8.137	1142.8	0.3842	12.865	1133.4	0.3796	
5	0.000	Not	0.3095	7.542	1084.7	0.3095	12.043	1095.7	0.3061	
6	0.000	Required	0.2629	6.542	994.1	0.2629	10.770	1052.1	0.2592	
7	0.000		0.2341	4.887	861.2	0.2341	8.340	938.2	0.2292	
8	0.000		0.2166	3.414	759.1	0.2166	5.845	808.2	0.2108	
9	0.000		0.2098	1.044	618.0	0.2098	1.826	633.6	0.2035	
10	0.000		0.2088	0.667	597.9	0.2088	1.158	606.8	0.2026	
		Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8				
1	3.196	636.0	0.7396	3.219	635.5	0.7396				
2	15.576	933.8	0.7170	15.684	941.8	0.7171				
3	19.223	989.3	0.5437	19.375	1130.4	0.5437				
4	19.564	1022.3	0.3993	19.733	1223.7	0.3991				
5	19.129	1058.3	0.3249	19.292	1190.1	0.3247				
6	18.196	1091.2	0.2752	18.353	1154.0	0.2750				
7	15.489	1064.5	0.2416	15.628	1063.8	0.2413				
8	11.085	900.4	0.2182	11.185	889.0	0.2179				
9	3.519	656.2	0.2093	3.553	659.3	0.2090				
10	2.192	618.8	0.2077	2.213	621.3	0.2074				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F4

Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.297	641.1	0.7396	2.099	645.6	0.7396
2	0.000		0.7150	6.418	1006.9	0.7150	10.536	1063.1	0.7118
3	0.000		0.5258	8.389	1168.3	0.5258	13.613	1221.1	0.5145
4	0.000	Data	0.3716	8.574	1187.6	0.3716	13.735	1209.5	0.3624
5	0.000	Not	0.2975	7.880	1117.4	0.2975	12.874	1179.7	0.2895
6	0.000	Required	0.2522	6.702	1008.2	0.2522	11.427	1133.3	0.2435
7	0.000		0.2248	4.883	861.0	0.2248	8.640	981.6	0.2145
8	0.000		0.2087	3.412	759.0	0.2087	5.960	822.5	0.1977
9	0.000		0.2022	1.062	618.9	0.2022	1.884	637.3	0.1909
10	0.000		0.2012	0.684	598.8	0.2012	1.206	609.6	0.1900
Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)						
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.534	652.6	0.7396	3.558	638.9	0.7396			
2	16.803	1006.5	0.7103	16.913	952.3	0.7103			
3	20.643	1053.0	0.5210	20.792	1110.2	0.5212			
4	21.166	1091.7	0.3754	21.326	1171.9	0.3755			
5	20.760	1137.4	0.3021	20.915	1143.3	0.3021			
6	19.717	1179.5	0.2536	19.863	1101.8	0.2535			
7	16.659	1151.4	0.2208	16.792	1036.1	0.2207			
8	11.828	952.7	0.1989	11.926	883.3	0.1988			
9	3.823	670.7	0.1903	3.856	656.3	0.1903			
10	2.411	628.4	0.1889	2.432	621.3	0.1889			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F5

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	0.000		0.7396	1.308	641.9	0.7396	2.120	646.7	0.7396	
2	0.000		0.7147	6.477	1012.2	0.7147	10.554	1055.9	0.7121	
3	0.000		0.5248	8.357	1165.1	0.5248	13.450	1197.3	0.5161	
4	0.000	Data	0.3703	8.652	1195.7	0.3703	13.652	1180.6	0.3641	
5	0.000	Not	0.2953	8.125	1141.7	0.2953	12.954	1150.7	0.2908	
6	0.000	Required	0.2487	7.087	1042.7	0.2487	11.777	1127.2	0.2440	
7	0.000		0.2200	5.299	892.5	0.2200	9.223	1006.1	0.2138	
8	0.000		0.2029	3.699	778.1	0.2029	6.478	850.9	0.1955	
9	0.000		0.1962	1.142	623.3	0.1962	2.057	646.2	0.1882	
10	0.000		0.1953	0.733	601.3	0.1953	1.312	614.8	0.1873	
		Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8				
1	3.618	656.9	0.7396	3.632	605.2	0.7396				
2	16.933	1017.1	0.7099	16.997	764.5	0.7101				
3	20.531	1057.8	0.5210	20.618	838.4	0.5217				
4	21.113	1094.7	0.3755	21.209	873.2	0.3764				
5	20.848	1138.2	0.3020	20.939	856.2	0.3028				
6	20.058	1178.7	0.2529	20.141	823.2	0.2536				
7	17.352	1162.8	0.2193	17.422	775.0	0.2199				
8	12.577	972.4	0.1965	12.625	704.1	0.1971				
9	4.113	677.6	0.1877	4.128	604.4	0.1882				
10	2.591	632.5	0.1863	2.599	584.9	0.1868				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F6

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	0.000		0.7396	1.271	639.4	0.7396	2.014	639.0	0.7396	
2	0.000		0.7151	6.328	998.6	0.7151	10.094	1006.1	0.7150	
3	0.000		0.5306	8.112	1140.2	0.5306	12.878	1139.9	0.5289	
4	0.000	Data	0.3772	8.588	1189.1	0.3772	13.240	1120.7	0.3769	
5	0.000	Not	0.2995	8.272	1156.5	0.2995	12.739	1090.1	0.3013	
6	0.000	Required	0.2510	7.279	1060.3	0.2510	11.606	1067.7	0.2530	
7	0.000		0.2213	5.501	908.2	0.2213	9.176	969.4	0.2221	
8	0.000		0.2033	3.839	787.7	0.2033	6.544	841.5	0.2026	
9	0.000		0.1963	1.173	625.0	0.1963	2.063	643.8	0.1951	
10	0.000		0.1953	0.747	602.1	0.1953	1.301	612.5	0.1941	
		Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8				
1	3.405	649.6	0.7396	3.432	649.3	0.7396				
2	16.161	988.1	0.7138	16.281	998.6	0.7138				
3	19.732	1036.5	0.5344	19.874	1076.9	0.5345				
4	20.403	1065.7	0.3885	20.545	1078.2	0.3886				
5	20.265	1101.1	0.3130	20.401	1047.2	0.3130				
6	19.509	1139.1	0.2627	19.632	988.1	0.2628				
7	16.940	1125.1	0.2284	17.043	900.5	0.2285				
8	12.364	948.3	0.2049	12.434	777.2	0.2049				
9	4.004	670.8	0.1959	4.027	627.0	0.1960				
10	2.497	627.9	0.1944	2.511	601.6	0.1945				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F7

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	0.000		0.7396	1.244	637.7	0.7396	1.953	635.2	0.7396	
2	0.000		0.7175	6.198	986.9	0.7175	9.859	990.1	0.7175	
3	0.000		0.5385	7.957	1124.8	0.5385	12.626	1123.5	0.5371	
4	0.000	Data	0.3855	8.250	1154.2	0.3855	12.796	1103.0	0.3853	
5	0.000	Not	0.3086	7.831	1112.5	0.3086	12.158	1067.6	0.3099	
6	0.000	Required	0.2604	6.890	1024.8	0.2604	11.002	1034.0	0.2618	
7	0.000		0.2304	5.216	886.0	0.2304	8.660	936.7	0.2308	
8	0.000		0.2121	3.633	773.7	0.2121	6.131	816.2	0.2114	
9	0.000		0.2052	1.103	621.2	0.2052	1.913	636.2	0.2039	
10	0.000		0.2042	0.702	599.7	0.2042	1.205	607.9	0.2029	
		Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8				
1	3.162	637.4	0.7396	3.184	632.1	0.7396				
2	15.354	937.2	0.7180	15.460	929.8	0.7181				
3	18.994	992.4	0.5481	19.136	1081.1	0.5482				
4	19.493	1022.0	0.4028	19.648	1145.0	0.4027				
5	19.206	1054.7	0.3270	19.356	1122.3	0.3269				
6	18.398	1088.2	0.2764	18.538	1071.7	0.2763				
7	15.852	1068.7	0.2419	15.975	989.7	0.2418				
8	11.465	907.9	0.2179	11.553	843.7	0.2179				
9	3.649	658.7	0.2089	3.680	650.4	0.2088				
10	2.263	620.2	0.2074	2.282	615.6	0.2072				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F8

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	0.000		0.7396	1.302	641.5	0.7396	2.112	646.5	0.7396	
2	0.000		0.7149	6.454	1010.1	0.7149	10.520	1054.0	0.7123	
3	0.000		0.5255	8.336	1163.0	0.5255	13.419	1195.4	0.5168	
4	0.000	Data	0.3710	8.633	1193.8	0.3710	13.624	1179.0	0.3648	
5	0.000	Not	0.2959	8.108	1140.0	0.2959	12.928	1149.3	0.2914	
6	0.000	Required	0.2492	7.072	1041.3	0.2492	11.754	1125.8	0.2444	
7	0.000		0.2205	5.286	891.5	0.2205	9.203	1005.0	0.2142	
8	0.000		0.2033	3.690	777.5	0.2033	6.464	850.2	0.1959	
9	0.000		0.1967	1.139	623.1	0.1967	2.053	646.1	0.1886	
10	0.000		0.1957	0.731	601.2	0.1957	1.308	614.6	0.1876	
		Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8				
1	3.606	656.7	0.7396	3.620	605.2	0.7396				
2	16.881	1015.4	0.7101	16.944	762.2	0.7103				
3	20.484	1056.3	0.5216	20.571	838.4	0.5223				
4	21.072	1093.3	0.3762	21.167	869.2	0.3770				
5	20.808	1136.8	0.3026	20.900	856.2	0.3033				
6	20.020	1177.1	0.2534	20.103	823.2	0.2540				
7	17.319	1161.4	0.2197	17.388	772.7	0.2203				
8	12.551	971.4	0.1969	12.599	703.0	0.1975				
9	4.106	677.5	0.1881	4.121	604.4	0.1886				
10	2.585	632.4	0.1867	2.593	584.9	0.1871				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F9

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	0.000		0.7396	1.210	635.4	0.7396	1.963	640.1	0.7396	
2	0.000		0.7186	6.128	980.7	0.7186	10.039	1029.5	0.7186	
3	0.000		0.5396	8.036	1132.6	0.5396	12.980	1170.8	0.5298	
4	0.000	Data	0.3848	8.322	1161.5	0.3848	13.108	1143.3	0.3777	
5	0.000	Not	0.3080	7.813	1110.8	0.3080	12.405	1110.6	0.3031	
6	0.000	Required	0.2602	6.784	1015.4	0.2602	11.364	1108.6	0.2549	
7	0.000		0.2309	5.068	874.8	0.2309	8.937	997.9	0.2236	
8	0.000		0.2132	3.579	770.0	0.2132	6.305	844.3	0.2046	
9	0.000		0.2062	1.107	621.4	0.2062	1.989	643.0	0.1972	
10	0.000		0.2053	0.708	600.0	0.2053	1.261	612.4	0.1962	
		Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8				
1	3.436	655.2	0.7396	3.453	615.2	0.7396				
2	16.499	1024.7	0.7120	16.576	815.6	0.7122				
3	20.145	1065.8	0.5290	20.248	904.8	0.5296				
4	20.555	1093.3	0.3838	20.669	947.9	0.3845				
5	20.208	1129.0	0.3095	20.318	929.4	0.3101				
6	19.467	1159.8	0.2596	19.566	888.0	0.2601				
7	16.788	1134.0	0.2253	16.873	830.9	0.2257				
8	12.108	947.0	0.2025	12.167	741.4	0.2029				
9	3.911	669.7	0.1937	3.930	615.6	0.1941				
10	2.450	627.5	0.1923	2.461	593.2	0.1927				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F10

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	0.000		0.7396	1.264	639.0	0.7396	2.007	639.0	0.7396	
2	0.000		0.7175	6.272	993.6	0.7175	10.122	1019.6	0.7161	
3	0.000		0.5368	8.035	1132.5	0.5368	12.889	1155.2	0.5307	
4	0.000	Data	0.3844	8.135	1142.6	0.3844	12.862	1133.3	0.3798	
5	0.000	Not	0.3097	7.540	1084.5	0.3097	12.040	1095.5	0.3062	
6	0.000	Required	0.2631	6.540	993.9	0.2631	10.768	1052.0	0.2594	
7	0.000		0.2343	4.885	861.0	0.2343	8.338	938.1	0.2293	
8	0.000		0.2168	3.412	759.0	0.2168	5.842	808.1	0.2109	
9	0.000		0.2100	1.043	617.9	0.2100	1.825	633.6	0.2037	
10	0.000		0.2090	0.666	597.8	0.2090	1.157	606.8	0.2027	
		Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)				
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8				
1	3.196	636.0	0.7396	3.218	632.1	0.7396				
2	15.571	933.1	0.7171	15.678	938.8	0.7171				
3	19.218	988.9	0.5439	19.370	1130.4	0.5440				
4	19.560	1022.1	0.3996	19.729	1221.8	0.3994				
5	19.126	1058.3	0.3252	19.289	1188.3	0.3249				
6	18.194	1091.2	0.2755	18.350	1152.2	0.2752				
7	15.487	1064.6	0.2418	15.626	1063.8	0.2415				
8	11.083	900.4	0.2184	11.183	890.3	0.2181				
9	3.519	656.3	0.2095	3.552	656.3	0.2091				
10	2.191	618.8	0.2079	2.212	621.3	0.2076				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F11

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	0.000		0.7396	1.304	641.6	0.7396	2.089	643.7	0.7396	
2	0.000		0.7155	6.434	1008.3	0.7155	10.466	1048.9	0.7133	
3	0.000		0.5294	8.208	1149.9	0.5294	13.239	1186.2	0.5208	
4	0.000	Data	0.3774	8.268	1156.0	0.3774	13.182	1165.5	0.3705	
5	0.000	Not	0.3040	7.603	1090.5	0.3040	12.306	1129.4	0.2981	
6	0.000	Required	0.2586	6.531	993.2	0.2586	10.968	1085.3	0.2521	
7	0.000		0.2308	4.840	857.7	0.2308	8.433	957.9	0.2228	
8	0.000		0.2140	3.395	757.8	0.2140	5.889	815.9	0.2051	
9	0.000		0.2072	1.045	618.0	0.2072	1.848	635.6	0.1980	
10	0.000		0.2062	0.668	597.9	0.2062	1.174	608.2	0.1971	
		Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8				
1	3.365	641.8	0.7396	3.388	635.5	0.7396				
2	16.192	957.3	0.7138	16.297	928.4	0.7139				
3	19.809	1010.4	0.5330	19.936	1007.3	0.5333				
4	20.145	1046.7	0.3890	20.276	1024.8	0.3892				
5	19.694	1087.5	0.3156	19.819	995.5	0.3158				
6	18.712	1122.9	0.2666	18.825	943.8	0.2668				
7	15.882	1093.7	0.2335	15.977	869.6	0.2337				
8	11.333	917.0	0.2108	11.398	759.7	0.2110				
9	3.618	660.7	0.2020	3.638	618.5	0.2022				
10	2.259	621.7	0.2005	2.271	596.0	0.2008				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F12

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	0.000		0.7396	1.328	643.2	0.7396	2.130	645.6	0.7396	
2	0.000		0.7144	6.509	1015.2	0.7144	10.616	1061.1	0.7118	
3	0.000		0.5251	8.321	1161.4	0.5251	13.460	1205.4	0.5155	
4	0.000	Data	0.3732	8.385	1168.0	0.3732	13.431	1188.9	0.3652	
5	0.000	Not	0.3002	7.677	1097.7	0.3002	12.536	1156.0	0.2931	
6	0.000	Required	0.2554	6.547	994.7	0.2554	11.109	1105.9	0.2475	
7	0.000		0.2282	4.804	855.0	0.2282	8.440	964.2	0.2187	
8	0.000		0.2120	3.364	755.8	0.2120	5.859	816.0	0.2017	
9	0.000		0.2053	1.043	617.9	0.2053	1.848	635.7	0.1948	
10	0.000		0.2043	0.671	598.1	0.2043	1.182	608.6	0.1939	
		Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8				
1	3.450	644.8	0.7396	3.476	645.8	0.7396				
2	16.492	970.7	0.7121	16.610	986.0	0.7122				
3	20.167	1022.9	0.5271	20.306	1062.1	0.5273				
4	20.548	1061.3	0.3829	20.688	1068.3	0.3830				
5	20.097	1104.5	0.3099	20.230	1034.4	0.3099				
6	19.048	1142.8	0.2614	19.168	974.5	0.2615				
7	16.072	1111.9	0.2287	16.173	896.3	0.2288				
8	11.417	926.5	0.2065	11.487	777.2	0.2066				
9	3.663	663.3	0.1978	3.685	624.2	0.1979				
10	2.302	623.6	0.1964	2.316	601.6	0.1965				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F13

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	0.000		0.7396	1.304	641.6	0.7396	2.111	646.1	0.7396	
2	0.000		0.7147	6.449	1009.8	0.7147	10.585	1066.0	0.7114	
3	0.000		0.5246	8.411	1170.7	0.5246	13.646	1222.8	0.5134	
4	0.000	Data	0.3705	8.587	1189.0	0.3705	13.754	1210.5	0.3615	
5	0.000	Not	0.2967	7.891	1118.5	0.2967	12.890	1180.5	0.2888	
6	0.000	Required	0.2515	6.712	1009.1	0.2515	11.442	1134.1	0.2428	
7	0.000		0.2242	4.891	861.6	0.2242	8.652	982.2	0.2140	
8	0.000		0.2082	3.417	759.3	0.2082	5.968	822.8	0.1972	
9	0.000		0.2016	1.063	619.0	0.2016	1.887	637.5	0.1904	
10	0.000		0.2006	0.686	598.9	0.2006	1.209	609.7	0.1895	
		Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8				
1	3.551	653.0	0.7396	3.571	625.3	0.7396				
2	16.867	1007.9	0.7099	16.955	859.2	0.7100				
3	20.689	1054.2	0.5200	20.799	931.9	0.5205				
4	21.198	1093.0	0.3745	21.313	950.8	0.3751				
5	20.788	1138.6	0.3014	20.898	929.4	0.3019				
6	19.742	1180.7	0.2530	19.842	888.0	0.2534				
7	16.680	1152.3	0.2203	16.765	833.4	0.2207				
8	11.842	953.3	0.1984	11.902	741.5	0.1988				
9	3.827	670.7	0.1899	3.846	615.6	0.1902				
10	2.415	628.4	0.1885	2.425	590.5	0.1889				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F14

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	0.000		0.7396	1.446	651.0	0.7396	2.194	639.5	0.7396	
2	0.000		0.7086	7.005	1061.8	0.7086	10.785	1008.3	0.7103	
3	0.000		0.5083	8.607	1191.1	0.5083	13.418	1147.6	0.5135	
4	0.000	Data	0.3607	8.469	1176.7	0.3607	13.323	1155.1	0.3649	
5	0.000	Not	0.2911	7.709	1100.8	0.2911	12.504	1144.9	0.2937	
6	0.000	Required	0.2481	6.580	997.5	0.2481	11.059	1092.4	0.2484	
7	0.000		0.2219	4.847	858.2	0.2219	8.388	950.7	0.2199	
8	0.000		0.2061	3.341	754.4	0.2061	5.767	807.7	0.2027	
9	0.000		0.1997	1.015	616.4	0.1997	1.786	632.6	0.1959	
10	0.000		0.1988	0.649	596.9	0.1988	1.131	606.0	0.1949	
		Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8				
1	3.326	632.2	0.7396	3.348	632.1	0.7396				
2	15.874	902.7	0.7141	15.979	925.5	0.7141				
3	19.524	969.4	0.5354	19.659	1045.2	0.5357				
4	19.984	1018.7	0.3929	20.128	1091.6	0.3930				
5	19.626	1061.8	0.3196	19.772	1101.7	0.3196				
6	18.600	1102.5	0.2710	18.740	1071.7	0.2710				
7	15.687	1079.0	0.2384	15.810	986.7	0.2384				
8	11.109	908.6	0.2154	11.196	838.7	0.2154				
9	3.512	658.1	0.2066	3.541	644.5	0.2066				
10	2.179	619.6	0.2050	2.198	615.6	0.2049				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F15

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	0.000		0.7396	1.418	649.1	0.7396	2.193	642.5	0.7396	
2	0.000		0.7096	6.877	1049.7	0.7096	10.807	1032.3	0.7095	
3	0.000		0.5092	8.673	1198.0	0.5092	13.683	1182.4	0.5093	
4	0.000	Data	0.3589	8.705	1201.4	0.3589	13.749	1188.3	0.3592	
5	0.000	Not	0.2879	7.965	1125.9	0.2879	12.972	1181.8	0.2874	
6	0.000	Required	0.2444	6.759	1013.4	0.2444	11.418	1122.2	0.2419	
7	0.000		0.2181	4.909	862.9	0.2181	8.520	960.7	0.2137	
8	0.000		0.2026	3.405	758.5	0.2026	5.852	810.2	0.1971	
9	0.000		0.1962	1.054	618.5	0.1962	1.841	634.1	0.1905	
10	0.000		0.1953	0.679	598.5	0.1953	1.175	607.2	0.1895	
		Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)				
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8				
1	3.485	642.9	0.7396	3.506	628.7	0.7396				
2	16.504	954.8	0.7114	16.598	882.6	0.7115				
3	20.301	1014.8	0.5248	20.420	971.1	0.5253				
4	20.846	1059.5	0.3802	20.971	997.0	0.3807				
5	20.515	1102.8	0.3070	20.635	972.9	0.3074				
6	19.401	1147.5	0.2589	19.510	926.6	0.2592				
7	16.267	1123.5	0.2267	16.360	862.9	0.2271				
8	11.512	935.1	0.2044	11.578	763.1	0.2047				
9	3.694	665.6	0.1958	3.715	621.3	0.1961				
10	2.317	624.8	0.1944	2.329	596.0	0.1946				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F16

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	0.000		0.7396	1.477	653.0	0.7396	2.202	637.0	0.7396	
2	0.000		0.7060	7.221	1083.1	0.7060	10.984	1005.9	0.7080	
3	0.000		0.4989	8.839	1215.7	0.4989	13.646	1147.0	0.5070	
4	0.000	Data	0.3526	8.647	1195.3	0.3526	13.496	1154.2	0.3600	
5	0.000	Not	0.2844	7.832	1112.8	0.2844	12.766	1168.9	0.2897	
6	0.000	Required	0.2425	6.633	1002.2	0.2425	11.263	1117.4	0.2445	
7	0.000		0.2169	4.810	855.6	0.2169	8.378	954.5	0.2162	
8	0.000		0.2019	3.302	751.8	0.2019	5.713	806.0	0.1995	
9	0.000		0.1957	1.017	616.5	0.1957	1.786	632.4	0.1930	
10	0.000		0.1947	0.656	597.3	0.1947	1.140	606.2	0.1920	
		Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8				
1	3.406	637.0	0.7396	3.432	645.8	0.7396				
2	16.469	936.2	0.7112	16.590	1000.2	0.7113				
3	20.109	1000.9	0.5262	20.252	1081.9	0.5263				
4	20.406	1041.7	0.3841	20.552	1100.0	0.3841				
5	20.047	1077.1	0.3118	20.189	1076.6	0.3118				
6	18.934	1115.6	0.2639	19.064	1018.9	0.2639				
7	15.784	1089.5	0.2321	15.891	919.9	0.2321				
8	11.088	911.4	0.2098	11.161	789.1	0.2098				
9	3.523	658.8	0.2013	3.548	632.8	0.2013				
10	2.205	620.6	0.1997	2.220	604.4	0.1997				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F17

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	0.000		0.7396	1.333	643.5	0.7396	2.030	633.9	0.7396	
2	0.000		0.7136	6.448	1009.5	0.7136	10.014	975.8	0.7148	
3	0.000		0.5234	8.401	1169.6	0.5234	13.158	1138.5	0.5272	
4	0.000	Data	0.3697	8.656	1196.2	0.3697	13.522	1157.0	0.3733	
5	0.000	Not	0.2953	8.067	1135.9	0.2953	12.869	1146.2	0.2980	
6	0.000	Required	0.2493	6.921	1027.8	0.2493	11.377	1088.8	0.2506	
7	0.000		0.2217	5.065	874.6	0.2217	8.527	939.7	0.2212	
8	0.000		0.2053	3.534	767.0	0.2053	5.887	799.0	0.2038	
9	0.000		0.1986	1.100	621.0	0.1986	1.863	631.8	0.1969	
10	0.000		0.1975	0.708	600.0	0.1975	1.189	605.9	0.1958	
		Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8				
1	3.287	640.6	0.7396	3.308	628.7	0.7396				
2	15.592	944.3	0.7160	15.693	910.9	0.7160				
3	19.669	1005.1	0.5394	19.803	1040.6	0.5397				
4	20.525	1050.6	0.3915	20.670	1091.5	0.3916				
5	20.354	1097.0	0.3154	20.495	1074.9	0.3155				
6	19.352	1146.6	0.2651	19.484	1028.1	0.2653				
7	16.353	1131.4	0.2313	16.468	951.2	0.2314				
8	11.703	948.0	0.2080	11.783	816.0	0.2081				
9	3.798	670.4	0.1990	3.825	638.6	0.1991				
10	2.387	628.0	0.1975	2.404	610.0	0.1976				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly F18

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	0.000		0.7396	1.479	653.2	0.7396	2.019	616.7	0.7396	
2	0.000		0.7046	7.221	1083.0	0.7046	10.041	869.3	0.7083	
3	0.000		0.4955	8.808	1212.3	0.4955	12.572	981.8	0.5189	
4	0.000	Data	0.3517	8.622	1192.7	0.3517	12.567	1008.4	0.3807	
5	0.000	Not	0.2840	7.820	1111.6	0.2840	12.747	1171.1	0.3165	
6	0.000	Required	0.2422	6.622	1001.3	0.2422	11.594	1176.5	0.2650	
7	0.000		0.2169	4.804	855.1	0.2169	8.556	981.1	0.2310	
8	0.000		0.2018	3.288	750.9	0.2018	5.800	818.1	0.2114	
9	0.000		0.1955	1.008	616.0	0.1955	1.798	634.3	0.2041	
10	0.000		0.1956	0.653	597.1	0.1956	1.143	606.7	0.2032	
		Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8				
1	3.221	636.9	0.7396	3.243	632.1	0.7396				
2	15.573	940.4	0.7116	15.675	913.9	0.7117				
3	19.130	1009.3	0.5344	19.262	1027.3	0.5347				
4	19.548	1048.4	0.3976	19.688	1069.9	0.3978				
5	19.979	1072.3	0.3280	20.118	1061.7	0.3281				
6	19.192	1108.3	0.2754	19.323	1023.4	0.2755				
7	15.953	1088.6	0.2396	16.066	942.6	0.2396				
8	11.191	912.7	0.2157	11.269	807.4	0.2157				
9	3.541	659.1	0.2067	3.567	635.7	0.2067				
10	2.208	620.6	0.2053	2.224	607.2	0.2053				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G1

Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)				
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	0.000		0.7396	1.136	630.5	0.7396	1.866	637.4	0.7396	
2	0.000		0.7248	5.395	917.0	0.7248	9.143	1003.5	0.7203	
3	0.000		0.5642	7.630	1092.0	0.5642	12.742	1199.1	0.5444	
4	0.000	Data	0.4044	8.262	1154.1	0.4044	13.403	1204.3	0.3871	
5	0.000	Not	0.3224	7.669	1095.7	0.3224	12.629	1172.0	0.3079	
6	0.000	Required	0.2721	6.576	996.2	0.2721	11.411	1150.4	0.2574	
7	0.000		0.2417	4.916	862.8	0.2417	8.853	1007.3	0.2255	
8	0.000		0.2240	3.318	752.5	0.2240	5.915	828.1	0.2073	
9	0.000		0.2170	1.083	620.0	0.2170	1.945	641.0	0.2002	
10	0.000		0.2159	0.710	600.1	0.2159	1.267	612.7	0.1993	
Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)							
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)				
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8				
1	3.392	658.7	0.7396	3.405	601.9	0.7396				
2	15.812	1043.8	0.7134	15.874	754.5	0.7135				
3	20.064	1079.8	0.5350	20.152	841.8	0.5356				
4	21.093	1116.2	0.3864	21.195	898.1	0.3872				
5	20.778	1163.4	0.3089	20.882	904.9	0.3096				
6	19.965	1206.6	0.2571	20.066	891.3	0.2577				
7	17.196	1184.2	0.2216	17.325	1017.8	0.2224				
8	12.045	974.7	0.1989	12.154	930.5	0.1996				
9	4.016	678.3	0.1901	4.052	665.2	0.1908				
10	2.585	634.6	0.1889	2.606	621.2	0.1895				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G2

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	0.000		0.7396	1.230	636.6	0.7396	2.006	642.5	0.7396	
2	0.000		0.7217	5.822	953.2	0.7217	9.872	1051.6	0.7168	
3	0.000		0.5515	7.784	1108.6	0.5515	12.932	1205.8	0.5324	
4	0.000	Data	0.3960	8.164	1144.1	0.3960	13.118	1171.2	0.3807	
5	0.000	Not	0.3177	7.579	1087.0	0.3177	12.260	1124.3	0.3057	
6	0.000	Required	0.2692	6.525	991.8	0.2692	10.968	1085.2	0.2578	
7	0.000		0.2395	4.891	860.9	0.2395	8.520	962.2	0.2272	
8	0.000		0.2219	3.312	752.1	0.2219	5.780	812.4	0.2091	
9	0.000		0.2151	1.083	620.0	0.2151	1.909	637.6	0.2021	
10	0.000		0.2141	0.712	600.2	0.2141	1.246	610.6	0.2012	
		Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8				
1	3.410	650.4	0.7396	3.433	635.4	0.7396				
2	16.225	1013.7	0.7134	16.336	951.4	0.7134				
3	20.002	1055.7	0.5327	20.139	1050.1	0.5329				
4	20.462	1082.0	0.3878	20.606	1087.0	0.3879				
5	19.941	1115.3	0.3131	20.082	1072.1	0.3133				
6	18.951	1146.0	0.2633	19.078	1007.1	0.2634				
7	16.169	1112.3	0.2294	16.272	904.0	0.2295				
8	11.282	921.3	0.2071	11.353	779.1	0.2072				
9	3.719	662.9	0.1986	3.742	626.9	0.1987				
10	2.386	624.6	0.1974	2.400	601.5	0.1975				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G3

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	0.000		0.7396	1.219	635.9	0.7396	1.954	638.0	0.7396	
2	0.000		0.7217	5.712	943.7	0.7217	9.456	1002.7	0.7188	
3	0.000		0.5518	7.853	1113.4	0.5518	12.887	1185.1	0.5387	
4	0.000	Data	0.3929	8.419	1170.0	0.3929	13.471	1188.5	0.3819	
5	0.000	Not	0.3130	7.867	1114.9	0.3130	12.722	1153.8	0.3041	
6	0.000	Required	0.2633	6.967	1030.7	0.2633	11.564	1110.4	0.2549	
7	0.000		0.2325	5.291	891.3	0.2325	9.053	981.3	0.2233	
8	0.000		0.2143	3.515	765.5	0.2143	6.144	831.6	0.2043	
9	0.000		0.2074	1.138	623.0	0.2074	2.052	645.9	0.1968	
10	0.000		0.2063	0.748	602.1	0.2063	1.340	615.9	0.1958	
		Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8				
1	3.387	652.3	0.7396	3.400	601.9	0.7396				
2	15.736	1006.8	0.7153	15.797	754.5	0.7154				
3	19.898	1050.2	0.5379	19.983	832.2	0.5385				
4	20.891	1089.5	0.3883	20.990	884.6	0.3891				
5	20.601	1135.4	0.3113	20.748	1109.0	0.3122				
6	19.849	1177.7	0.2600	20.007	1158.5	0.2607				
7	17.226	1166.0	0.2247	17.355	1016.8	0.2251				
8	12.292	975.9	0.2010	12.379	842.2	0.2014				
9	4.154	680.2	0.1919	4.182	641.4	0.1922				
10	2.676	635.6	0.1906	2.694	612.7	0.1908				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G4

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	0.000		0.7396	1.049	624.9	0.7396	1.748	634.0	0.7396	
2	0.000		0.7288	4.869	874.4	0.7288	8.338	960.6	0.7239	
3	0.000		0.5886	6.973	1031.1	0.5886	11.844	1156.7	0.5660	
4	0.000	Data	0.4311	7.806	1108.7	0.4311	12.933	1201.9	0.4090	
5	0.000	Not	0.3444	7.381	1068.3	0.3444	12.397	1182.0	0.3249	
6	0.000	Required	0.2899	6.568	995.4	0.2899	11.129	1104.8	0.2719	
7	0.000		0.2560	4.969	866.8	0.2560	8.512	950.2	0.2387	
8	0.000		0.2358	3.314	752.2	0.2358	5.770	810.5	0.2187	
9	0.000		0.2279	1.075	619.6	0.2279	1.934	640.7	0.2105	
10	0.000		0.2266	0.701	599.6	0.2266	1.260	612.9	0.2093	
		Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8				
1	3.177	652.1	0.7396	3.199	632.0	0.7396				
2	14.656	1010.4	0.7184	14.760	921.8	0.7184				
3	18.758	1041.1	0.5554	18.888	1020.4	0.5555				
4	20.067	1061.8	0.4071	20.206	1063.9	0.4073				
5	20.021	1109.7	0.3261	20.170	1112.4	0.3262				
6	19.305	1166.2	0.2720	19.449	1087.3	0.2720				
7	16.644	1161.6	0.2345	16.765	980.0	0.2345				
8	11.909	975.2	0.2095	11.993	828.1	0.2095				
9	4.043	680.6	0.1998	4.071	641.4	0.1998				
10	2.606	636.2	0.1983	2.623	609.9	0.1984				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G5

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	0.000		0.7396	1.128	630.0	0.7396	1.860	637.6	0.7396	
2	0.000		0.7253	5.366	914.6	0.7253	9.111	1003.1	0.7206	
3	0.000		0.5657	7.610	1090.1	0.5657	12.718	1198.5	0.5453	
4	0.000	Data	0.4052	8.253	1153.2	0.4052	13.388	1203.3	0.3875	
5	0.000	Not	0.3229	7.678	1096.5	0.3229	12.628	1170.5	0.3082	
6	0.000	Required	0.2722	6.663	1003.7	0.2722	11.509	1152.4	0.2574	
7	0.000		0.2411	5.023	870.8	0.2411	9.016	1015.7	0.2251	
8	0.000		0.2230	3.379	756.5	0.2230	6.066	839.1	0.2063	
9	0.000		0.2159	1.100	620.9	0.2159	2.005	645.1	0.1989	
10	0.000		0.2149	0.722	600.7	0.2149	1.308	615.4	0.1979	
		Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8				
1	3.399	659.6	0.7396	3.422	635.4	0.7396				
2	15.830	1048.6	0.7133	15.939	945.4	0.7133				
3	20.078	1083.5	0.5348	20.211	1032.1	0.5350				
4	21.100	1118.4	0.3860	21.240	1067.1	0.3862				
5	20.788	1164.5	0.3085	20.935	1098.8	0.3087				
6	20.051	1205.3	0.2567	20.190	1062.6	0.2568				
7	17.374	1185.6	0.2210	17.489	952.0	0.2211				
8	12.255	979.8	0.1979	12.334	809.3	0.1980				
9	4.106	680.1	0.1891	4.132	635.6	0.1892				
10	2.647	635.8	0.1878	2.663	607.1	0.1880				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G6

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	0.000		0.7396	1.181	633.4	0.7396	1.947	641.4	0.7396	
2	0.000		0.7241	5.550	930.0	0.7241	9.493	1034.3	0.7186	
3	0.000		0.5618	7.596	1088.5	0.5618	12.733	1203.8	0.5396	
4	0.000	Data	0.4051	8.011	1128.9	0.4051	13.070	1189.7	0.3860	
5	0.000	Not	0.3256	7.352	1065.7	0.3256	12.201	1152.8	0.3092	
6	0.000	Required	0.2769	6.255	968.7	0.2769	10.956	1127.8	0.2600	
7	0.000		0.2474	4.651	843.2	0.2474	8.462	988.6	0.2289	
8	0.000		0.2301	3.192	744.3	0.2301	5.721	819.8	0.2112	
9	0.000		0.2230	1.055	618.5	0.2230	1.897	639.1	0.2042	
10	0.000		0.2219	0.693	599.2	0.2219	1.239	611.7	0.2033	
		Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8				
1	3.418	654.9	0.7396	3.440	632.0	0.7396				
2	16.005	1028.6	0.7131	16.105	905.9	0.7132				
3	19.939	1068.7	0.5341	20.067	1008.8	0.5344				
4	20.639	1104.1	0.3881	20.778	1063.9	0.3884				
5	20.188	1146.5	0.3121	20.338	1115.9	0.3123				
6	19.274	1181.2	0.2612	19.421	1100.6	0.2613				
7	16.435	1145.3	0.2266	16.563	1013.4	0.2266				
8	11.465	941.5	0.2044	11.556	855.0	0.2045				
9	3.806	668.7	0.1959	3.836	647.3	0.1960				
10	2.450	628.6	0.1946	2.468	612.7	0.1947				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G7

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	0.000		0.7396	1.040	624.3	0.7396	1.813	642.2	0.7396	
2	0.000		0.7294	4.889	876.0	0.7294	8.702	1013.3	0.7206	
3	0.000		0.5893	6.990	1032.6	0.5893	12.160	1209.5	0.5552	
4	0.000	Data	0.4307	7.802	1108.3	0.4307	13.192	1249.9	0.3995	
5	0.000	Not	0.3442	7.323	1062.9	0.3442	12.616	1232.0	0.3168	
6	0.000	Required	0.2907	6.327	974.8	0.2907	11.109	1142.2	0.2650	
7	0.000		0.2579	4.698	846.7	0.2579	8.342	964.7	0.2331	
8	0.000		0.2385	3.125	740.1	0.2385	5.535	805.3	0.2146	
9	0.000		0.2306	1.016	616.4	0.2306	1.831	636.6	0.2069	
10	0.000		0.2294	0.665	597.7	0.2294	1.197	610.4	0.2058	
		Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8				
1	3.404	663.1	0.7396	3.426	632.0	0.7396				
2	15.600	1066.1	0.7126	15.705	926.2	0.7126				
3	19.430	1075.0	0.5398	19.578	1108.3	0.5399				
4	20.570	1085.4	0.3944	20.735	1199.7	0.3943				
5	20.481	1134.1	0.3154	20.639	1159.7	0.3153				
6	19.581	1197.7	0.2627	19.730	1109.1	0.2626				
7	16.703	1185.9	0.2265	16.836	1035.2	0.2264				
8	11.710	978.6	0.2029	11.807	878.6	0.2027				
9	3.936	680.4	0.1936	3.969	656.2	0.1935				
10	2.545	636.3	0.1922	2.567	624.1	0.1921				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G8

		Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)		
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.	
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)	
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7	
1	0.000		0.7396	1.048	624.9	0.7396	1.746	633.9	0.7396	
2	0.000		0.7288	4.867	874.2	0.7288	8.332	960.2	0.7240	
3	0.000		0.5888	6.970	1030.8	0.5888	11.839	1156.4	0.5662	
4	0.000	Data	0.4313	7.804	1108.5	0.4313	12.931	1201.8	0.4092	
5	0.000	Not	0.3445	7.380	1068.2	0.3445	12.395	1181.9	0.3251	
6	0.000	Required	0.2900	6.568	995.3	0.2900	11.127	1104.6	0.2720	
7	0.000		0.2561	4.968	866.7	0.2561	8.510	950.1	0.2389	
8	0.000		0.2359	3.313	752.2	0.2359	5.769	810.5	0.2188	
9	0.000		0.2280	1.075	619.6	0.2280	1.933	640.6	0.2106	
10	0.000		0.2268	0.701	599.6	0.2268	1.260	612.9	0.2093	
		Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)					
Node	Burnup	Fuel	Mod. Dens.	Burnup	Fuel	Mod. Dens.				
No.	(GWd/MTU)	Temp. (K)	(g/cm ³)	(GWd/MTU)	Temp. (K)	(g/cm ³)				
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8				
1	3.176	652.1	0.7396	3.198	632.0	0.7396				
2	14.651	1010.4	0.7184	14.755	923.3	0.7185				
3	18.754	1041.2	0.5555	18.885	1021.5	0.5556				
4	20.063	1061.7	0.4073	20.203	1067.2	0.4074				
5	20.018	1109.6	0.3262	20.168	1114.2	0.3263				
6	19.302	1166.0	0.2721	19.446	1089.0	0.2721				
7	16.641	1161.5	0.2346	16.763	981.5	0.2346				
8	11.907	975.1	0.2096	11.991	828.0	0.2096				
9	4.042	680.6	0.1998	4.070	641.4	0.1998				
10	2.605	636.1	0.1984	2.623	612.7	0.1984				

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G9

Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.129	630.1	0.7396	1.888	630.1	0.7396
2	0.000		0.7248	5.264	906.2	0.7248	9.081	906.2	0.7193
3	0.000		0.5660	7.476	1077.4	0.5660	12.704	1077.4	0.5425
4	0.000	Data	0.4095	8.310	1158.9	0.4095	13.643	1158.9	0.3873
5	0.000	Not	0.3258	7.805	1108.8	0.3258	12.958	1108.8	0.3070
6	0.000	Required	0.2732	6.788	1014.8	0.2732	11.544	1014.8	0.2560
7	0.000		0.2414	5.081	875.2	0.2414	8.830	875.2	0.2245
8	0.000		0.2228	3.376	756.3	0.2228	5.912	756.3	0.2059
9	0.000		0.2155	1.096	620.7	0.2155	1.965	620.7	0.1984
10	0.000		0.2144	0.720	600.6	0.2144	1.287	600.6	0.1974
Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)						
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.384	656.6	0.7396	3.408	638.8	0.7396			
2	15.618	1031.0	0.7140	15.728	949.9	0.7141			
3	19.865	1064.5	0.5365	19.998	1032.1	0.5367			
4	21.118	1094.8	0.3890	21.256	1055.7	0.3892			
5	20.915	1143.5	0.3108	21.048	1031.8	0.3110			
6	20.003	1196.3	0.2586	20.124	976.7	0.2588			
7	17.171	1183.8	0.2231	17.273	894.4	0.2233			
8	12.125	981.8	0.1997	12.194	775.6	0.1999			
9	4.083	681.1	0.1906	4.106	626.9	0.1908			
10	2.639	636.5	0.1893	2.653	601.5	0.1894			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G10

Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.140	630.8	0.7396	1.872	637.6	0.7396
2	0.000		0.7247	5.408	918.1	0.7247	9.163	1004.6	0.7202
3	0.000		0.5636	7.641	1093.1	0.5636	12.758	1199.9	0.5439
4	0.000	Data	0.4039	8.270	1154.8	0.4039	13.413	1204.8	0.3866
5	0.000	Not	0.3220	7.676	1096.4	0.3220	12.638	1172.5	0.3075
6	0.000	Required	0.2717	6.583	996.9	0.2717	11.420	1150.8	0.2570
7	0.000		0.2414	4.922	863.2	0.2414	8.861	1007.7	0.2252
8	0.000		0.2237	3.322	752.7	0.2237	5.922	828.4	0.2070
9	0.000		0.2167	1.084	620.0	0.2167	1.947	641.1	0.1999
10	0.000		0.2157	0.711	600.1	0.2157	1.269	612.8	0.1990
Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)						
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.401	658.9	0.7396	3.424	635.4	0.7396			
2	15.843	1044.8	0.7132	15.951	940.9	0.7133			
3	20.087	1080.6	0.5345	20.222	1042.9	0.5347			
4	21.111	1117.1	0.3859	21.255	1087.0	0.3861			
5	20.795	1164.2	0.3085	20.943	1107.3	0.3086			
6	19.982	1207.4	0.2567	20.123	1075.5	0.2569			
7	17.210	1184.7	0.2214	17.335	999.4	0.2215			
8	12.055	975.0	0.1986	12.145	852.3	0.1987			
9	4.019	678.4	0.1899	4.050	650.2	0.1899			
10	2.587	634.6	0.1887	2.607	618.4	0.1887			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G11

Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.037	624.1	0.7396	1.808	642.0	0.7396
2	0.000		0.7295	4.875	874.9	0.7295	8.680	1012.0	0.7207
3	0.000		0.5897	6.975	1031.2	0.5897	12.137	1208.2	0.5557
4	0.000	Data	0.4311	7.790	1107.1	0.4311	13.173	1248.8	0.4000
5	0.000	Not	0.3446	7.312	1081.9	0.3446	12.598	1230.8	0.3172
6	0.000	Required	0.2911	6.317	973.9	0.2911	11.094	1141.3	0.2653
7	0.000		0.2582	4.690	846.2	0.2582	8.329	963.9	0.2333
8	0.000		0.2387	3.121	739.8	0.2387	5.526	804.8	0.2148
9	0.000		0.2309	1.015	616.3	0.2309	1.828	636.4	0.2072
10	0.000		0.2297	0.663	597.6	0.2297	1.195	610.4	0.2060
Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)						
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.397	663.0	0.7396	3.419	632.0	0.7396			
2	15.570	1065.3	0.7126	15.675	926.3	0.7127			
3	19.401	1074.4	0.5401	19.549	1107.2	0.5402			
4	20.543	1084.6	0.3946	20.708	1196.0	0.3946			
5	20.455	1133.2	0.3156	20.613	1158.0	0.3155			
6	19.556	1196.7	0.2629	19.705	1109.0	0.2628			
7	16.680	1184.9	0.2266	16.813	1036.8	0.2266			
8	11.693	977.9	0.2030	11.790	878.6	0.2029			
9	3.931	680.2	0.1937	3.964	656.2	0.1937			
10	2.542	636.2	0.1924	2.563	621.2	0.1922			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G12

Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.011	622.5	0.7396	1.756	639.1	0.7396
2	0.000		0.7300	4.758	884.1	0.7300	8.443	1020.2	0.7221
3	0.000		0.5933	6.903	1024.8	0.5933	11.966	1190.4	0.5610
4	0.000	Data	0.4357	7.752	1103.5	0.4357	13.041	1231.3	0.4054
5	0.000	Not	0.3483	7.290	1059.9	0.3483	12.559	1227.5	0.3215
6	0.000	Required	0.2937	6.333	975.3	0.2937	11.175	1152.3	0.2682
7	0.000		0.2604	4.730	849.0	0.2604	8.469	978.3	0.2353
8	0.000		0.2404	3.179	743.5	0.2404	5.688	817.2	0.2162
9	0.000		0.2325	1.041	617.7	0.2325	1.894	640.1	0.2083
10	0.000		0.2312	0.679	598.4	0.2312	1.236	612.7	0.2071
Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)						
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.300	659.9	0.7396	3.322	632.0	0.7396			
2	15.175	1049.9	0.7143	15.279	920.4	0.7143			
3	19.191	1070.6	0.5453	19.330	1061.4	0.5454			
4	20.454	1088.7	0.3992	20.604	1119.3	0.3993			
5	20.429	1134.6	0.3190	20.575	1097.1	0.3190			
6	19.597	1192.3	0.2652	19.735	1057.4	0.2652			
7	16.797	1182.5	0.2283	16.927	1019.2	0.2283			
8	11.894	981.2	0.2043	11.991	877.4	0.2043			
9	4.016	681.4	0.1949	4.049	656.2	0.1949			
10	2.592	636.7	0.1935	2.612	618.4	0.1935			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G13

Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.185	633.7	0.7396	1.965	643.0	0.7396
2	0.000		0.7219	5.554	930.3	0.7219	9.504	1035.3	0.7167
3	0.000		0.5530	7.748	1103.3	0.5530	13.054	1234.5	0.5319
4	0.000	Data	0.3976	8.504	1178.8	0.3976	13.865	1244.7	0.3780
5	0.000	Not	0.3160	7.965	1124.5	0.3160	13.142	1210.8	0.2996
6	0.000	Required	0.2651	6.829	1018.5	0.2651	11.608	1141.3	0.2499
7	0.000		0.2347	5.063	873.9	0.2347	8.807	979.0	0.2194
8	0.000		0.2170	3.356	755.0	0.2170	5.823	812.2	0.2018
9	0.000		0.2101	1.090	620.4	0.2101	1.918	637.8	0.1949
10	0.000		0.2090	0.718	600.5	0.2090	1.257	611.1	0.1939
Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)						
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.479	657.9	0.7396	3.498	621.8	0.7396			
2	16.081	1034.9	0.7121	16.169	858.6	0.7122			
3	20.250	1067.7	0.5289	20.361	935.4	0.5294			
4	21.399	1100.7	0.3822	21.516	960.2	0.3827			
5	21.157	1149.5	0.3054	21.268	934.3	0.3059			
6	20.142	1204.4	0.2543	20.242	887.4	0.2547			
7	17.204	1189.8	0.2197	17.288	826.6	0.2201			
8	12.023	980.9	0.1969	12.081	733.3	0.1973			
9	4.023	680.4	0.1882	4.041	612.7	0.1885			
10	2.598	635.9	0.1868	2.609	593.2	0.1872			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G14

Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.247	637.7	0.7396	1.963	635.9	0.7396
2	0.000		0.7207	5.776	949.1	0.7207	9.431	989.0	0.7189
3	0.000		0.5487	7.915	1119.5	0.5487	12.883	1173.5	0.5394
4	0.000	Data	0.3907	8.455	1173.8	0.3907	13.484	1184.2	0.3826
5	0.000	Not	0.3113	7.884	1116.6	0.3113	12.742	1154.3	0.3046
6	0.000	Required	0.2625	6.765	1012.8	0.2625	11.309	1101.8	0.2556
7	0.000		0.2331	5.038	872.0	0.2331	8.633	957.5	0.2251
8	0.000		0.2159	3.377	756.4	0.2159	5.743	800.2	0.2074
9	0.000		0.2091	1.100	620.9	0.2091	1.890	634.2	0.2005
10	0.000		0.2081	0.723	600.8	0.2081	1.232	608.3	0.1995
Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)						
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.332	648.0	0.7396	3.354	632.0	0.7396			
2	15.469	984.5	0.7165	15.575	930.6	0.7165			
3	19.733	1035.1	0.5414	19.864	1021.5	0.5416			
4	20.802	1079.6	0.3917	20.940	1057.4	0.3918			
5	20.544	1127.6	0.3141	20.690	1097.1	0.3142			
6	19.581	1176.3	0.2627	19.721	1067.4	0.2629			
7	16.729	1158.0	0.2278	16.846	963.7	0.2279			
8	11.695	959.1	0.2046	11.777	818.1	0.2047			
9	3.896	674.5	0.1958	3.922	635.6	0.1958			
10	2.503	632.0	0.1944	2.519	607.1	0.1946			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G15

Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.031	623.8	0.7396	1.734	634.4	0.7396
2	0.000		0.7300	4.807	888.2	0.7300	8.347	996.8	0.7236
3	0.000		0.5916	6.937	1027.9	0.5916	11.932	1178.4	0.5646
4	0.000	Data	0.4325	7.812	1109.3	0.4325	13.062	1224.1	0.4071
5	0.000	Not	0.3455	7.311	1061.9	0.3455	12.415	1197.7	0.3231
6	0.000	Required	0.2921	6.249	968.3	0.2921	10.798	1103.0	0.2709
7	0.000		0.2598	4.609	840.2	0.2598	8.011	930.7	0.2393
8	0.000		0.2406	3.072	736.7	0.2406	5.285	782.3	0.2212
9	0.000		0.2327	1.003	615.7	0.2327	1.748	630.0	0.2136
10	0.000		0.2313	0.658	597.3	0.2313	1.145	606.4	0.2124
Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)						
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.320	662.8	0.7396	3.341	628.6	0.7396			
2	15.306	1072.2	0.7141	15.406	905.9	0.7142			
3	19.237	1078.3	0.5447	19.367	1020.4	0.5450			
4	20.407	1082.1	0.3987	20.548	1072.1	0.3988			
5	20.252	1131.2	0.3188	20.394	1080.3	0.3190			
6	19.249	1195.5	0.2657	19.387	1055.8	0.2657			
7	16.283	1176.6	0.2291	16.412	1014.6	0.2292			
8	11.336	967.8	0.2056	11.430	869.6	0.2057			
9	3.806	677.6	0.1964	3.838	653.2	0.1965			
10	2.469	634.9	0.1950	2.489	618.4	0.1951			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly G16

Statepoint 7 (BOC Cy 7)			Statepoint 8 (193.2 EFPD Cy 7)			Statepoint 9 (306.8 EFPD Cy 7)			
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 7	0.00 Cy 7	0.00 Cy 7	193.2 Cy 7	193.2 Cy 7	193.2 Cy 7	306.8 Cy 7	306.8 Cy 7	306.8 Cy 7
1	0.000		0.7396	1.054	625.2	0.7396	1.816	641.0	0.7396
2	0.000		0.7280	4.973	882.7	0.7280	8.812	1017.7	0.7199
3	0.000		0.5817	7.182	1050.1	0.5817	12.420	1221.9	0.5497
4	0.000	Data	0.4233	8.000	1127.7	0.4233	13.382	1248.5	0.3942
5	0.000	Not	0.3375	7.488	1078.4	0.3375	12.815	1238.2	0.3121
6	0.000	Required	0.2845	6.419	982.7	0.2845	11.306	1160.1	0.2602
7	0.000		0.2526	4.735	849.5	0.2526	8.482	979.5	0.2286
8	0.000		0.2337	3.173	743.1	0.2337	5.640	812.2	0.2106
9	0.000		0.2261	1.046	618.0	0.2261	1.878	638.2	0.2033
10	0.000		0.2249	0.688	598.9	0.2249	1.233	611.6	0.2022
Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)						
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)			
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8			
1	3.394	662.2	0.7396	3.409	608.4	0.7396			
2	15.718	1066.8	0.7119	15.789	789.7	0.7121			
3	19.797	1085.3	0.5356	19.894	874.8	0.5362			
4	20.949	1103.9	0.3895	21.055	914.6	0.3902			
5	20.822	1148.6	0.3108	20.924	898.1	0.3114			
6	19.855	1206.1	0.2584	19.947	858.4	0.2589			
7	16.897	1191.7	0.2226	16.974	803.2	0.2231			
8	11.853	982.0	0.1995	11.907	722.2	0.2000			
9	3.994	681.0	0.1905	4.010	607.1	0.1910			
10	2.591	636.9	0.1892	2.600	587.6	0.1896			

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H1

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.020	625.2	0.7396
2	0.000		0.7291	0.099	923.0	0.7291
3	0.000		0.5836	0.131	1023.1	0.5836
4	0.000	Data	0.4266	0.143	1080.7	0.4266
5	0.000	Not	0.3402	0.142	1075.8	0.3402
6	0.000	Required	0.2841	0.129	1015.3	0.2841
7	0.000		0.2494	0.097	878.6	0.2494
8	0.000		0.2286	0.068	768.7	0.2286
9	0.000		0.2209	0.021	621.2	0.2209
10	0.000		0.2197	0.013	598.7	0.2197

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H2

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.020	625.2	0.7396
2	0.000		0.7292	0.098	919.9	0.7292
3	0.000		0.5831	0.132	1026.6	0.5831
4	0.000	Data	0.4252	0.144	1089.1	0.4252
5	0.000	Not	0.3378	0.146	1095.8	0.3378
6	0.000	Required	0.2807	0.134	1037.3	0.2807
7	0.000		0.2456	0.100	890.8	0.2456
8	0.000		0.2248	0.069	773.4	0.2248
9	0.000		0.2171	0.021	621.2	0.2171
10	0.000		0.2160	0.014	601.5	0.2160

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H3

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.017	615.1	0.7396
2	0.000		0.7338	0.086	864.0	0.7338
3	0.000		0.6188	0.118	963.9	0.6188
4	0.000	Data	0.4676	0.129	1014.8	0.4676
5	0.000	Not	0.3785	0.123	985.8	0.3785
6	0.000	Required	0.3214	0.108	922.1	0.3214
7	0.000		0.2860	0.080	813.3	0.2860
8	0.000		0.2645	0.056	727.8	0.2645
9	0.000		0.2566	0.017	609.9	0.2566
10	0.000		0.2554	0.010	590.4	0.2554

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H4

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.015	608.5	0.7396
2	0.000		0.7382	0.076	824.9	0.7382
3	0.000		0.6474	0.106	915.7	0.6474
4	0.000	Data	0.5017	0.118	964.9	0.5017
5	0.000	Not	0.4097	0.112	937.5	0.4097
6	0.000	Required	0.3502	0.098	881.1	0.3502
7	0.000		0.3130	0.073	787.8	0.3130
8	0.000		0.2903	0.051	711.4	0.2903
9	0.000		0.2819	0.015	604.3	0.2819
10	0.000		0.2807	0.009	587.7	0.2807

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H5

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.021	628.6	0.7396
2	0.000		0.7260	0.105	926.6	0.7260
3	0.000		0.5668	0.136	1049.3	0.5668
4	0.000	Data	0.4083	0.150	1118.0	0.4083
5	0.000	Not	0.3222	0.155	1145.9	0.3222
6	0.000	Required	0.2650	0.147	1104.6	0.2650
7	0.000		0.2289	0.118	964.0	0.2289
8	0.000		0.2067	0.084	826.9	0.2067
9	0.000		0.1986	0.025	632.7	0.1986
10	0.000		0.1975	0.017	609.9	0.1975

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H6

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.022	632.0	0.7396
2	0.000		0.7246	0.109	947.4	0.7246
3	0.000		0.5631	0.138	1057.7	0.5631
4	0.000	Data	0.4086	0.145	1094.1	0.4086
5	0.000	Not	0.3282	0.138	1056.2	0.3282
6	0.000	Required	0.2771	0.122	984.6	0.2771
7	0.000		0.2450	0.094	864.0	0.2450
8	0.000		0.2254	0.065	760.5	0.2254
9	0.000		0.2181	0.020	618.4	0.2181
10	0.000		0.2170	0.013	598.7	0.2170

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H7

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.019	621.8	0.7396
2	0.000		0.7322	0.091	887.0	0.7322
3	0.000		0.6085	0.120	972.7	0.6085
4	0.000	Data	0.4574	0.130	1017.9	0.4574
5	0.000	Not	0.3708	0.124	990.4	0.3708
6	0.000	Required	0.3147	0.111	933.3	0.3147
7	0.000		0.2789	0.086	835.6	0.2789
8	0.000		0.2565	0.061	746.8	0.2565
9	0.000		0.2481	0.018	612.7	0.2481
10	0.000		0.2469	0.012	596.0	0.2469

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H8

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.021	628.6	0.7396
2	0.000		0.7264	0.106	932.5	0.7264
3	0.000		0.5703	0.136	1046.8	0.5703
4	0.000	Data	0.4149	0.145	1090.8	0.4149
5	0.000	Not	0.3327	0.138	1059.4	0.3327
6	0.000	Required	0.2802	0.123	989.1	0.2802
7	0.000		0.2475	0.094	864.0	0.2475
8	0.000		0.2277	0.064	757.1	0.2277
9	0.000		0.2204	0.019	615.6	0.2204
10	0.000		0.2194	0.012	596.0	0.2194

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H9

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.020	625.2	0.7396
2	0.000		0.7264	0.103	917.9	0.7264
3	0.000		0.5619	0.145	1091.6	0.5619
4	0.000	Data	0.3949	0.162	1180.0	0.3949
5	0.000	Not	0.3099	0.156	1147.7	0.3099
6	0.000	Required	0.2565	0.145	1094.3	0.2565
7	0.000		0.2214	0.127	1004.2	0.2214
8	0.000		0.1981	0.095	872.2	0.1981
9	0.000		0.1894	0.029	644.4	0.1894
10	0.000		0.1880	0.019	615.6	0.1880

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H10

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.020	625.2	0.7396
2	0.000		0.7288	0.100	927.6	0.7288
3	0.000		0.5817	0.131	1025.4	0.5817
4	0.000	Data	0.4251	0.143	1080.7	0.4251
5	0.000	Not	0.3391	0.142	1079.1	0.3391
6	0.000	Required	0.2826	0.132	1029.2	0.2826
7	0.000		0.2470	0.103	902.9	0.2470
8	0.000		0.2252	0.072	782.8	0.2252
9	0.000		0.2173	0.022	624.1	0.2173
10	0.000		0.2162	0.014	601.5	0.2162

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H11

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.018	618.5	0.7396
2	0.000		0.7325	0.090	881.3	0.7325
3	0.000		0.6090	0.121	978.4	0.6090
4	0.000	Data	0.4555	0.133	1035.2	0.4555
5	0.000	Not	0.3672	0.128	1010.2	0.3672
6	0.000	Required	0.3102	0.114	947.7	0.3102
7	0.000		0.2747	0.087	836.9	0.2747
8	0.000		0.2529	0.061	744.5	0.2529
9	0.000		0.2448	0.018	612.7	0.2448
10	0.000		0.2437	0.011	593.2	0.2437

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H12

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.022	632.0	0.7396
2	0.000		0.7237	0.111	956.4	0.7237
3	0.000		0.5595	0.139	1065.1	0.5595
4	0.000	Data	0.4055	0.146	1099.2	0.4055
5	0.000	Not	0.3254	0.140	1066.0	0.3254
6	0.000	Required	0.2745	0.124	993.7	0.2745
7	0.000		0.2424	0.096	873.2	0.2424
8	0.000		0.2226	0.067	765.2	0.2226
9	0.000		0.2154	0.020	618.4	0.2154
10	0.000		0.2143	0.013	598.7	0.2143

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H13

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.021	628.6	0.7396
2	0.000		0.7273	0.103	919.3	0.7273
3	0.000		0.5724	0.135	1044.5	0.5724
4	0.000	Data	0.4142	0.148	1107.7	0.4142
5	0.000	Not	0.3287	0.148	1107.7	0.3287
6	0.000	Required	0.2732	0.136	1048.5	0.2732
7	0.000		0.2389	0.103	901.6	0.2389
8	0.000		0.2184	0.071	781.6	0.2184
9	0.000		0.2108	0.022	624.1	0.2108
10	0.000		0.2097	0.014	601.5	0.2097

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H14

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.019	621.8	0.7396
2	0.000		0.7312	0.094	901.9	0.7312
3	0.000		0.5986	0.125	997.5	0.5986
4	0.000	Data	0.4449	0.135	1043.2	0.4449
5	0.000	Not	0.3593	0.128	1008.7	0.3593
6	0.000	Required	0.3047	0.112	940.6	0.3047
7	0.000		0.2709	0.084	825.7	0.2709
8	0.000		0.2504	0.058	734.4	0.2504
9	0.000		0.2428	0.017	609.9	0.2428
10	0.000		0.2417	0.011	593.2	0.2417

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H15

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.022	632.0	0.7396
2	0.000		0.7228	0.112	959.5	0.7228
3	0.000		0.5552	0.141	1072.5	0.5552
4	0.000	Data	0.4002	0.149	1114.6	0.4002
5	0.000	Not	0.3191	0.147	1100.9	0.3191
6	0.000	Required	0.2667	0.134	1037.3	0.2667
7	0.000		0.2339	0.102	897.5	0.2339
8	0.000		0.2142	0.070	778.1	0.2142
9	0.000		0.2069	0.021	621.2	0.2069
10	0.000		0.2059	0.014	601.5	0.2059

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H16

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.023	635.4	0.7396
2	0.000		0.7221	0.113	964.0	0.7221
3	0.000		0.5520	0.142	1074.9	0.5520
4	0.000	Data	0.3972	0.150	1118.0	0.3972
5	0.000	Not	0.3159	0.150	1119.7	0.3159
6	0.000	Required	0.2628	0.139	1063.1	0.2628
7	0.000		0.2295	0.107	918.2	0.2295
8	0.000		0.2095	0.074	790.0	0.2095
9	0.000		0.2022	0.022	624.1	0.2022
10	0.000		0.2011	0.014	601.5	0.2011

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H17

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.019	621.8	0.7396
2	0.000		0.7298	0.098	919.9	0.7298
3	0.000		0.5873	0.130	1020.7	0.5873
4	0.000	Data	0.4310	0.141	1072.5	0.4310
5	0.000	Not	0.3457	0.135	1043.3	0.3457
6	0.000	Required	0.2914	0.119	971.3	0.2914
7	0.000		0.2580	0.089	844.6	0.2580
8	0.000		0.2380	0.061	746.8	0.2380
9	0.000		0.2306	0.018	612.7	0.2306
10	0.000		0.2294	0.012	596.0	0.2294

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly H17

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.019	621.8	0.7396
2	0.000		0.7273	0.100	906.5	0.7273
3	0.000		0.5631	0.146	1095.7	0.5631
4	0.000	Data	0.3927	0.165	1200.2	0.3927
5	0.000	Not	0.3058	0.163	1185.5	0.3058
6	0.000	Required	0.2496	0.163	1185.6	0.2496
7	0.000		0.2127	0.134	1040.7	0.2127
8	0.000		0.1901	0.097	877.4	0.1901
9	0.000		0.1817	0.030	647.3	0.1817
10	0.000		0.1805	0.020	618.4	0.1805

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly J1

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.018	618.3	0.7396
2	0.000		0.7330	0.086	865.6	0.7330
3	0.000		0.6113	0.119	966.8	0.6113
4	0.000	Data	0.4566	0.134	1038.2	0.4566
5	0.000	Not	0.3632	0.143	1078.7	0.3632
6	0.000	Required	0.2994	0.135	1043.3	0.2994
7	0.000		0.2598	0.104	904.4	0.2598
8	0.000		0.2366	0.071	779.7	0.2366
9	0.000		0.2280	0.023	626.8	0.2280
10	0.000		0.2267	0.015	604.2	0.2267

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly J2

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.018	618.3	0.7396
2	0.000		0.7331	0.085	861.4	0.7331
3	0.000		0.6123	0.118	964.7	0.6123
4	0.000	Data	0.4569	0.134	1038.2	0.4569
5	0.000	Not	0.3630	0.143	1080.3	0.3630
6	0.000	Required	0.2984	0.139	1062.4	0.2984
7	0.000		0.2568	0.115	950.6	0.2568
23	0.000		0.2312	0.081	817.2	0.2312
24	0.000		0.2218	0.026	635.4	0.2218
25	0.000		0.2204	0.018	612.6	0.2204

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly J3

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.020	625.0	0.7396
2	0.000		0.7312	0.092	890.2	0.7312
	0.000		0.5979	0.124	992.5	0.5979
4	0.000	Data	0.4413	0.139	1060.6	0.4413
5	0.000	Not	0.3512	0.142	1075.3	0.3512
6	0.000	Required	0.2915	0.133	1030.5	0.2915
7	0.000		0.2541	0.103	901.6	0.2541
8	0.000		0.2315	0.071	779.7	0.2315
9	0.000		0.2232	0.023	626.8	0.2232
10	0.000		0.2219	0.016	607.0	0.2219

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly J4

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.020	625.0	0.7396
2	0.000		0.7306	0.094	897.7	0.7306
3	0.000		0.5909	0.130	1016.7	0.5909
4	0.000	Data	0.4304	0.145	1088.6	0.4304
5	0.000	Not	0.3419	0.143	1078.6	0.3419
6	0.000	Required	0.2847	0.133	1030.4	0.2847
7	0.000		0.2479	0.108	920.9	0.2479
8	0.000		0.2251	0.075	794.0	0.2251
9	0.000		0.2168	0.024	629.6	0.2168
10	0.000		0.2155	0.016	607.0	0.2155

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly J5

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.018	618.3	0.7396
2	0.000		0.7332	0.084	854.3	0.7332
3	0.000		0.6057	0.129	1014.2	0.6057
4	0.000	Data	0.4359	0.152	1127.7	0.4359
5	0.000	Not	0.3420	0.148	1103.8	0.3420
6	0.000	Required	0.2833	0.136	1046.3	0.2833
7	0.000		0.2459	0.111	933.5	0.2459
8	0.000		0.2228	0.078	806.1	0.2228
9	0.000		0.2142	0.026	635.4	0.2142
10	0.000		0.2129	0.017	609.8	0.2129

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly J6

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.021	628.4	0.7396
2	0.000		0.7287	0.097	912.5	0.7287
3	0.000		0.5725	0.142	1076.1	0.5725
4	0.000	Data	0.4027	0.162	1177.4	0.4027
5	0.000	Not	0.3151	0.156	1148.8	0.3151
6	0.000	Required	0.2601	0.148	1103.9	0.2601
7	0.000		0.2242	0.124	989.0	0.2242
8	0.000		0.2017	0.088	842.3	0.2017
9	0.000		0.1934	0.029	644.1	0.1934
10	0.000		0.1920	0.020	618.2	0.1920

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly J7

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.019	621.6	0.7396
2	0.000		0.7329	0.087	868.5	0.7329
3	0.000		0.6115	0.119	966.8	0.6115
4	0.000	Data	0.4577	0.133	1031.8	0.4577
5	0.000	Not	0.3651	0.140	1067.1	0.3651
6	0.000	Required	0.3018	0.133	1030.6	0.3018
7	0.000		0.2627	0.102	894.9	0.2627
8	0.000		0.2396	0.069	771.4	0.2396
9	0.000		0.2312	0.022	623.9	0.2312
10	0.000		0.2299	0.015	604.2	0.2299

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly J8

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.020	625.0	0.7396
2	0.000		0.7306	0.094	897.7	0.7306
3	0.000		0.5901	0.130	1019.1	0.5901
4	0.000	Data	0.4286	0.146	1097.0	0.4286
5	0.000	Not	0.3398	0.145	1088.6	0.3398
6	0.000	Required	0.2822	0.136	1044.6	0.2822
7	0.000		0.2447	0.115	949.1	0.2447
8	0.000		0.2207	0.082	820.9	0.2207
9	0.000		0.2119	0.027	638.3	0.2119
10	0.000		0.2105	0.018	612.6	0.2105

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly J9

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.019	621.6	0.7396
2	0.000		0.7327	0.087	869.9	0.7327
3	0.000		0.6097	0.119	969.0	0.6097
4	0.000	Data	0.4550	0.134	1036.5	0.4550
5	0.000	Not	0.3625	0.141	1072.1	0.3625
6	0.000	Required	0.2990	0.136	1046.3	0.2990
7	0.000		0.2586	0.109	926.6	0.2586
8	0.000		0.2342	0.075	795.2	0.2342
9	0.000		0.2253	0.024	629.6	0.2253
10	0.000		0.2240	0.016	607.0	0.2240

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly J10

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.023	635.2	0.7396
2	0.000		0.7275	0.103	919.4	0.7275
3	0.000		0.5764	0.133	1030.6	0.5764
4	0.000	Data	0.4223	0.141	1068.8	0.4223
5	0.000	Not	0.3397	0.135	1043.0	0.3397
6	0.000	Required	0.2865	0.122	979.9	0.2865
7	0.000		0.2529	0.094	864.2	0.2529
8	0.000		0.2325	0.064	754.1	0.2325
9	0.000		0.2250	0.021	621.1	0.2250
10	0.000		0.2238	0.014	601.4	0.2238

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly J11

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.020	625.0	0.7396
2	0.000		0.7323	0.090	880.1	0.7323
3	0.000		0.6084	0.120	972.3	0.6084
4	0.000	Data	0.4563	0.131	1023.9	0.4563
5	0.000	Not	0.3683	0.128	1006.9	0.3683
6	0.000	Required	0.3107	0.116	956.3	0.3107
7	0.000		0.2741	0.090	849.9	0.2741
8	0.000		0.2518	0.062	747.3	0.2518
9	0.000		0.2436	0.020	618.2	0.2436
10	0.000		0.2422	0.013	598.6	0.2422

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly J12

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.018	618.3	0.7396
2	0.000		0.7320	0.088	871.3	0.7320
3	0.000		0.5952	0.133	1035.3	0.5952
4	0.000	Data	0.4241	0.157	1150.5	0.4241
5	0.000	Not	0.3320	0.151	1120.9	0.3320
6	0.000	Required	0.2747	0.140	1065.7	0.2747
7	0.000		0.2377	0.118	962.2	0.2377
8	0.000		0.2142	0.084	828.4	0.2142
9	0.000		0.2055	0.028	641.2	0.2055
10	0.000		0.2041	0.019	615.4	0.2041

LaSalle Unit 1 Burnup and TH Feedback Parameters Assembly J13

Node No.	Statepoint 10 (BOC Cy 8)			Statepoint 11 (3.67 EFPD Cy 8)		
	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm ³)
	0.00 Cy 8	0.00 Cy 8	0.00 Cy 8	3.67 Cy 8	3.67 Cy 8	3.67 Cy 8
1	0.000		0.7396	0.019	621.6	0.7396
2	0.000		0.7326	0.087	869.9	0.7326
3	0.000		0.6082	0.120	972.4	0.6082
4	0.000	Data	0.4522	0.136	1044.5	0.4522
5	0.000	Not	0.3603	0.139	1062.2	0.3603
6	0.000	Required	0.2985	0.133	1033.5	0.2985
7	0.000		0.2577	0.117	957.7	0.2577
8	0.000		0.2312	0.085	831.0	0.2312
9	0.000		0.2214	0.028	641.2	0.2214
10	0.000		0.2198	0.018	612.6	0.2198

Title: CRC Depletion Calculations for LaSalle Unit 1

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This attachment contains the SPACE and CRAFT input decks for the depletion calculations for LaSalle Unit 1. The input decks are contained on an attachment CD of this calculation file. The information contained in this hard-copy representation of Attachment III is a listing of the various SPACE and CRAFT input deck files and their attributes. The file sizes listed in the following table are the file sizes as they appear on the Hewlett Packard (HP) Series 9000 workstation. The HP file sizes differ from the file sizes on the attachment CD due to the difference in the block sizes between the HP and the personal computer. The CD containing Attachment III was written using the HP CD-Writer Plus 7200e External CD-ReWritable Drive for personal computers. The files can be read using Microsoft WORDPAD.

Filename	File Type	File Size	Date File Copied to Disk
01A10	ASCII	11,819	6/8/99
01A11	ASCII	12,269	6/8/99
01A12	ASCII	11,819	6/8/99
01A2	ASCII	11,819	6/8/99
01A3	ASCII	12,473	6/8/99
01A4	ASCII	11,816	6/8/99
01A5	ASCII	12,269	6/8/99
01A6	ASCII	11,818	6/8/99
01A7	ASCII	11,817	6/8/99
01A8	ASCII	12,269	6/8/99
01A9	ASCII	11,819	6/8/99
01B1	ASCII	12,372	6/8/99
01B10	ASCII	12,677	6/8/99
01B2	ASCII	12,473	6/8/99
01B3	ASCII	11,819	6/8/99
01B4	ASCII	11,817	6/8/99
01B5	ASCII	12,677	6/8/99
01B6	ASCII	12,474	6/8/99
01B7	ASCII	11,818	6/8/99
01B8	ASCII	11,817	6/8/99
01B9	ASCII	11,819	6/8/99
01C1	ASCII	11,615	6/8/99
01C10	ASCII	10,980	6/8/99
01C11	ASCII	10,980	6/8/99
01C12	ASCII	10,961	6/8/99
01C13	ASCII	10,776	6/8/99
01C14	ASCII	10,961	6/8/99
01C15	ASCII	10,980	6/8/99
01C16	ASCII	10,018	6/8/99
01C17	ASCII	11,615	6/8/99
01C18	ASCII	10,979	6/8/99
01C19	ASCII	11,718	6/8/99
01C2	ASCII	11,921	6/8/99
01C20	ASCII	10,980	6/8/99
01C21	ASCII	10,960	6/8/99
01C22	ASCII	11,922	6/8/99
01C23	ASCII	10,020	6/8/99

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01C24	ASCII	10,979	6/8/99
01C25	ASCII	11,820	6/8/99
01C26	ASCII	11,616	6/8/99
01C27	ASCII	10,960	6/8/99
01C28	ASCII	11,921	6/8/99
01C29	ASCII	11,514	6/8/99
01C3	ASCII	10,960	6/8/99
01C30	ASCII	10,018	6/8/99
01C4	ASCII	10,961	6/8/99
01C5	ASCII	11,718	6/8/99
01C6	ASCII	10,019	6/8/99
01C7	ASCII	10,570	6/8/99
01C8	ASCII	10,961	6/8/99
01C9	ASCII	10,960	6/8/99
01D1	ASCII	9,059	6/8/99
01D10	ASCII	9,056	6/8/99
01D11	ASCII	9,612	6/8/99
01D12	ASCII	9,612	6/8/99
01D13	ASCII	9,611	6/8/99
01D14	ASCII	9,612	6/8/99
01D15	ASCII	9,612	6/8/99
01D16	ASCII	10,020	6/8/99
01D17	ASCII	9,057	6/8/99
01D18	ASCII	9,057	6/8/99
01D19	ASCII	9,059	6/8/99
01D2	ASCII	9,612	6/8/99
01D20	ASCII	9,058	6/8/99
01D21	ASCII	10,020	6/8/99
01D3	ASCII	9,612	6/8/99
01D4	ASCII	9,611	6/8/99
01D5	ASCII	9,612	6/8/99
01D6	ASCII	9,059	6/8/99
01D7	ASCII	9,611	6/8/99
01D8	ASCII	9,058	6/8/99
01D9	ASCII	9,058	6/8/99
01E1	ASCII	10,018	6/8/99
01E10	ASCII	9,058	6/8/99
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01E5	ASCII	9,058	6/8/99
01E6	ASCII	9,611	6/8/99
01E7	ASCII	9,058	6/8/99
01E8	ASCII	9,058	6/8/99
01E9	ASCII	9,612	6/8/99

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01F1	ASCII	8,067	6/8/99
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01F11	ASCII	7,412	6/8/99
01F12	ASCII	7,410	6/8/99
01F13	ASCII	7,412	6/8/99
01F14	ASCII	7,412	6/8/99
01F15	ASCII	7,412	6/8/99
01F16	ASCII	7,412	6/8/99
01F17	ASCII	7,411	6/8/99
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01H16	ASCII	5,117	6/8/99
01H17	ASCII	5,117	6/8/99
01H18	ASCII	5,117	6/8/99
01H2	ASCII	5,117	6/8/99
01H3	ASCII	5,117	6/8/99
01H4	ASCII	5,117	6/8/99

Waste Package Operations**Calculation Attachment****Title:** CRC Depletion Calculations for LaSalle Unit 1**Document Identifier:** B00000000-01717-0210-00097 REV 00

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01H5	ASCII	5,117	6/8/99
01H6	ASCII	5,117	6/8/99
01H7	ASCII	5,117	6/8/99
01H8	ASCII	5,117	6/8/99
01H9	ASCII	5,117	6/8/99
01J1	ASCII	5,117	6/8/99
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02A10	ASCII	11,826	6/8/99
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02A12	ASCII	11,829	6/8/99
02A2	ASCII	11,827	6/8/99
02A3	ASCII	12,483	6/8/99
02A4	ASCII	11,829	6/8/99
02A5	ASCII	12,277	6/8/99
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02B2	ASCII	12,483	6/8/99
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02B4	ASCII	11,829	6/8/99
02B5	ASCII	12,686	6/8/99
02B6	ASCII	12,482	6/8/99
02B7	ASCII	11,828	6/8/99
02B8	ASCII	11,829	6/8/99
02B9	ASCII	11,829	6/8/99
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02C10	ASCII	10,988	6/8/99
02C11	ASCII	10,986	6/8/99
02C12	ASCII	10,969	6/8/99
02C13	ASCII	10,782	6/8/99
02C14	ASCII	10,969	6/8/99
02C15	ASCII	10,988	6/8/99

Waste Package Operations**Calculation Attachment****Title:** CRC Depletion Calculations for LaSalle Unit 1**Document Identifier:** B00000000-01717-0210-00097 REV 00

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02C16	ASCII	10,027	6/8/99
02C17	ASCII	11,623	6/8/99
02C18	ASCII	10,989	6/8/99
02C19	ASCII	11,724	6/8/99
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02C20	ASCII	10,987	6/8/99
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02C22	ASCII	11,931	6/8/99
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02C29	ASCII	11,523	6/8/99
02C3	ASCII	10,968	6/8/99
02C30	ASCII	10,028	6/8/99
02C4	ASCII	10,968	6/8/99
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02C6	ASCII	10,028	6/8/99
02C7	ASCII	10,580	6/8/99
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02C9	ASCII	10,970	6/8/99
02D1	ASCII	9,065	6/8/99
02D10	ASCII	9,066	6/8/99
02D11	ASCII	9,618	6/8/99
02D12	ASCII	9,618	6/8/99
02D13	ASCII	9,619	6/8/99
02D14	ASCII	9,617	6/8/99
02D15	ASCII	9,618	6/8/99
02D16	ASCII	10,027	6/8/99
02D17	ASCII	9,067	6/8/99
02D18	ASCII	9,066	6/8/99
02D19	ASCII	9,066	6/8/99
02D2	ASCII	9,618	6/8/99
02D20	ASCII	9,064	6/8/99
02D21	ASCII	10,027	6/8/99
02D3	ASCII	9,615	6/8/99
02D4	ASCII	9,618	6/8/99
02D5	ASCII	9,617	6/8/99
02D6	ASCII	9,065	6/8/99
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02D9	ASCII	9,065	6/8/99
02E1	ASCII	10,024	6/8/99
02E10	ASCII	9,065	6/8/99
02E11	ASCII	9,066	6/8/99

Waste Package Operations**Calculation Attachment****Title:** CRC Depletion Calculations for LaSalle Unit 1**Document Identifier:** B00000000-01717-0210-00097 REV 00

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02E12	ASCII	10,025	6/8/99
02E2	ASCII	9,618	6/8/99
02E3	ASCII	9,065	6/8/99
02E4	ASCII	9,619	6/8/99
02E5	ASCII	9,065	6/8/99
02E6	ASCII	9,618	6/8/99
02E7	ASCII	9,066	6/8/99
02E8	ASCII	9,065	6/8/99
02E9	ASCII	9,618	6/8/99
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02G11	ASCII	7,414	6/8/99
02G12	ASCII	7,416	6/8/99
02G13	ASCII	7,416	6/8/99
02G14	ASCII	7,414	6/8/99
02G15	ASCII	7,415	6/8/99
02G16	ASCII	7,416	6/8/99
02G2	ASCII	7,416	6/8/99
02G3	ASCII	7,969	6/8/99
02G4	ASCII	7,414	6/8/99
02G5	ASCII	7,415	6/8/99
02G6	ASCII	7,415	6/8/99
02G7	ASCII	7,414	6/8/99
02G8	ASCII	7,415	6/8/99
02G9	ASCII	7,416	6/8/99
02H1	ASCII	5,117	6/8/99
02H10	ASCII	5,108	6/8/99
02H11	ASCII	5,117	6/8/99
02H12	ASCII	5,110	6/8/99

Waste Package Operations**Calculation Attachment****Title:** CRC Depletion Calculations for LaSalle Unit 1**Document Identifier:** B00000000-01717-0210-00097 REV 00

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02H13	ASCII	5,110	6/8/99
02H14	ASCII	5,117	6/8/99
02H15	ASCII	5,110	6/8/99
02H16	ASCII	5,110	6/8/99
02H17	ASCII	5,117	6/8/99
02H18	ASCII	5,108	6/8/99
02H2	ASCII	5,117	6/8/99
02H3	ASCII	5,117	6/8/99
02H4	ASCII	5,117	6/8/99
02H5	ASCII	5,110	6/8/99
02H6	ASCII	5,110	6/8/99
02H7	ASCII	5,117	6/8/99
02H8	ASCII	5,110	6/8/99
02H9	ASCII	5,110	6/8/99
02J1	ASCII	5,117	6/8/99
02J10	ASCII	5,110	6/8/99
02J11	ASCII	5,117	6/8/99
02J12	ASCII	5,117	6/8/99
02J13	ASCII	5,117	6/8/99
02J2	ASCII	5,117	6/8/99
02J3	ASCII	5,117	6/8/99
02J4	ASCII	5,117	6/8/99
02J5	ASCII	5,117	6/8/99
02J6	ASCII	5,117	6/8/99
02J7	ASCII	5,117	6/8/99
02J8	ASCII	5,117	6/8/99
02J9	ASCII	5,117	6/8/99
03A1	ASCII	11,830	6/8/99
03A10	ASCII	11,830	6/8/99
03A11	ASCII	12,281	6/8/99
03A12	ASCII	11,831	6/8/99
03A2	ASCII	11,829	6/8/99
03A3	ASCII	12,485	6/8/99
03A4	ASCII	11,829	6/8/99
03A5	ASCII	12,282	6/8/99
03A6	ASCII	11,827	6/8/99
03A7	ASCII	11,829	6/8/99
03A8	ASCII	12,280	6/8/99
03A9	ASCII	11,832	6/8/99
03B1	ASCII	12,380	6/8/99
03B10	ASCII	12,583	6/8/99
03B2	ASCII	12,381	6/8/99
03B3	ASCII	11,831	6/8/99
03B4	ASCII	11,832	6/8/99
03B5	ASCII	12,586	6/8/99
03B6	ASCII	12,485	6/8/99
03B7	ASCII	11,831	6/8/99

Waste Package Operations**Calculation Attachment****Title:** CRC Depletion Calculations for LaSalle Unit 1**Document Identifier:** B00000000-01717-0210-00097 REV 00

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03B8	ASCII	11,830	6/8/99
03B9	ASCII	11,831	6/8/99
03C1	ASCII	11,422	6/8/99
03C10	ASCII	10,990	6/8/99
03C11	ASCII	10,683	6/8/99
03C12	ASCII	10,971	6/8/99
03C13	ASCII	10,581	6/8/99
03C14	ASCII	10,968	6/8/99
03C15	ASCII	10,990	6/8/99
03C16	ASCII	10,028	6/8/99
03C17	ASCII	11,625	6/8/99
03C18	ASCII	10,989	6/8/99
03C19	ASCII	11,726	6/8/99
03C2	ASCII	11,931	6/8/99
03C20	ASCII	10,989	6/8/99
03C21	ASCII	10,968	6/8/99
03C22	ASCII	11,932	6/8/99
03C23	ASCII	10,031	6/8/99
03C24	ASCII	10,989	6/8/99
03C25	ASCII	11,828	6/8/99
03C26	ASCII	11,627	6/8/99
03C27	ASCII	10,968	6/8/99
03C28	ASCII	11,932	6/8/99
03C29	ASCII	11,524	6/8/99
03C3	ASCII	10,971	6/8/99
03C30	ASCII	10,030	6/8/99
03C4	ASCII	10,968	6/8/99
03C5	ASCII	11,724	6/8/99
03C6	ASCII	10,029	6/8/99
03C7	ASCII	10,582	6/8/99
03C8	ASCII	10,970	6/8/99
03C9	ASCII	10,970	6/8/99
03D1	ASCII	9,068	6/8/99
03D10	ASCII	9,068	6/8/99
03D11	ASCII	9,620	6/8/99
03D12	ASCII	9,617	6/8/99
03D13	ASCII	9,619	6/8/99
03D14	ASCII	9,618	6/8/99
03D15	ASCII	9,620	6/8/99
03D16	ASCII	10,028	6/8/99
03D17	ASCII	9,067	6/8/99
03D18	ASCII	9,066	6/8/99
03D19	ASCII	9,067	6/8/99
03D2	ASCII	9,619	6/8/99
03D20	ASCII	9,067	6/8/99
03D21	ASCII	10,028	6/8/99
03D3	ASCII	9,620	6/8/99

Waste Package Operations**Calculation Attachment****Title:** CRC Depletion Calculations for LaSalle Unit 1**Document Identifier:** B00000000-01717-0210-00097 REV 00

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03D4	ASCII	9,619	6/8/99
03D5	ASCII	9,617	6/8/99
03D6	ASCII	9,067	6/8/99
03D7	ASCII	9,619	6/8/99
03D8	ASCII	9,067	6/8/99
03D9	ASCII	9,066	6/8/99
03E1	ASCII	10,027	6/8/99
03E10	ASCII	9,067	6/8/99
03E11	ASCII	9,065	6/8/99
03E12	ASCII	10,028	6/8/99
03E2	ASCII	9,619	6/8/99
03E3	ASCII	9,067	6/8/99
03E4	ASCII	9,618	6/8/99
03E5	ASCII	9,068	6/8/99
03E6	ASCII	9,619	6/8/99
03E7	ASCII	9,066	6/8/99
03E8	ASCII	9,067	6/8/99
03E9	ASCII	9,620	6/8/99
03F1	ASCII	8,073	6/8/99
03F10	ASCII	7,417	6/8/99
03F11	ASCII	7,419	6/8/99
03F12	ASCII	7,418	6/8/99
03F13	ASCII	7,418	6/8/99
03F14	ASCII	7,418	6/8/99
03F15	ASCII	7,417	6/8/99
03F16	ASCII	7,419	6/8/99
03F17	ASCII	7,419	6/8/99
03F18	ASCII	8,072	6/8/99
03F2	ASCII	7,419	6/8/99
03F3	ASCII	7,418	6/8/99
03F4	ASCII	7,419	6/8/99
03F5	ASCII	7,417	6/8/99
03F6	ASCII	7,419	6/8/99
03F7	ASCII	7,418	6/8/99
03F8	ASCII	7,418	6/8/99
03F9	ASCII	7,417	6/8/99
03G1	ASCII	7,970	6/8/99
03G10	ASCII	7,419	6/8/99
03G11	ASCII	7,419	6/8/99
03G12	ASCII	7,418	6/8/99
03G13	ASCII	7,417	6/8/99
03G14	ASCII	7,419	6/8/99
03G15	ASCII	7,419	6/8/99
03G16	ASCII	7,417	6/8/99
03G2	ASCII	7,419	6/8/99
03G3	ASCII	7,971	6/8/99
03G4	ASCII	7,419	6/8/99

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03G5	ASCII	7,418	6/8/99
03G6	ASCII	7,419	6/8/99
03G7	ASCII	7,416	6/8/99
03G8	ASCII	7,418	6/8/99
03G9	ASCII	7,419	6/8/99
03H1	ASCII	5,111	6/8/99
03H10	ASCII	5,111	6/8/99
03H11	ASCII	5,110	6/8/99
03H12	ASCII	5,111	6/8/99
03H13	ASCII	5,111	6/8/99
03H14	ASCII	5,110	6/8/99
03H15	ASCII	5,111	6/8/99
03H16	ASCII	5,111	6/8/99
03H17	ASCII	5,110	6/8/99
03H18	ASCII	5,111	6/8/99
03H2	ASCII	5,111	6/8/99
03H3	ASCII	5,110	6/8/99
03H4	ASCII	5,110	6/8/99
03H5	ASCII	5,111	6/8/99
03H6	ASCII	5,111	6/8/99
03H7	ASCII	5,109	6/8/99
03H8	ASCII	5,111	6/8/99
03H9	ASCII	5,111	6/8/99
03J1	ASCII	5,110	6/8/99
03J10	ASCII	5,111	6/8/99
03J11	ASCII	5,109	6/8/99
03J12	ASCII	5,111	6/8/99
03J13	ASCII	5,109	6/8/99
03J2	ASCII	5,110	6/8/99
03J3	ASCII	5,110	6/8/99
03J4	ASCII	5,110	6/8/99
03J5	ASCII	5,111	6/8/99
03J6	ASCII	5,111	6/8/99
03J7	ASCII	5,110	6/8/99
03J8	ASCII	5,110	6/8/99
03J9	ASCII	5,110	6/8/99
04A1	ASCII	11,829	6/8/99
04A10	ASCII	11,830	6/8/99
04A11	ASCII	12,278	6/8/99
04A12	ASCII	11,830	6/8/99
04A2	ASCII	11,829	6/8/99
04A3	ASCII	12,485	6/8/99
04A4	ASCII	11,830	6/8/99
04A5	ASCII	12,283	6/8/99
04A6	ASCII	11,830	6/8/99
04A7	ASCII	11,827	6/8/99
04A8	ASCII	12,281	6/8/99

Waste Package Operations**Calculation Attachment****Title:** CRC Depletion Calculations for LaSalle Unit 1**Document Identifier:** B00000000-01717-0210-00097 REV 00

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04A9	ASCII	11,831	6/8/99
04B1	ASCII	12,384	6/8/99
04B10	ASCII	12,586	6/8/99
04B2	ASCII	12,179	6/8/99
04B3	ASCII	11,832	6/8/99
04B4	ASCII	11,832	6/8/99
04B5	ASCII	12,585	6/8/99
04B6	ASCII	12,383	6/8/99
04B7	ASCII	11,831	6/8/99
04B8	ASCII	11,832	6/8/99
04B9	ASCII	11,833	6/8/99
04C1	ASCII	11,321	6/8/99
04C10	ASCII	10,990	6/8/99
04C11	ASCII	10,685	6/8/99
04C12	ASCII	10,970	6/8/99
04C13	ASCII	10,479	6/8/99
04C14	ASCII	10,970	6/8/99
04C15	ASCII	10,989	6/8/99
04C16	ASCII	10,029	6/8/99
04C17	ASCII	11,624	6/8/99
04C18	ASCII	10,990	6/8/99
04C19	ASCII	11,725	6/8/99
04C2	ASCII	11,726	6/8/99
04C20	ASCII	10,989	6/8/99
04C21	ASCII	10,970	6/8/99
04C22	ASCII	11,728	6/8/99
04C23	ASCII	10,032	6/8/99
04C24	ASCII	10,990	6/8/99
04C25	ASCII	11,830	6/8/99
04C27	ASCII	10,970	6/8/99
04C28	ASCII	11,726	6/8/99
04C29	ASCII	11,524	6/8/99
04C3	ASCII	10,969	6/8/99
04C30	ASCII	10,030	6/8/99
04C4	ASCII	10,969	6/8/99
04C5	ASCII	11,726	6/8/99
04C6	ASCII	10,031	6/8/99
04C7	ASCII	10,584	6/8/99
04C8	ASCII	10,970	6/8/99
04C9	ASCII	10,972	6/8/99
04D1	ASCII	9,069	6/8/99
04D10	ASCII	9,069	6/8/99
04D11	ASCII	9,619	6/8/99
04D12	ASCII	9,619	6/8/99
04D13	ASCII	9,516	6/8/99
04D14	ASCII	9,620	6/8/99
04D15	ASCII	9,619	6/8/99

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04D16	ASCII	9,824	6/8/99
04D17	ASCII	9,065	6/8/99
04D18	ASCII	9,067	6/8/99
04D19	ASCII	9,068	6/8/99
04D2	ASCII	9,620	6/8/99
04D20	ASCII	9,068	6/8/99
04D21	ASCII	10,028	6/8/99
04D3	ASCII	9,621	6/8/99
04D4	ASCII	9,618	6/8/99
04D5	ASCII	9,622	6/8/99
04D6	ASCII	9,064	6/8/99
04D7	ASCII	9,620	6/8/99
04D8	ASCII	9,070	6/8/99
04D9	ASCII	9,068	6/8/99
04E1	ASCII	10,026	6/8/99
04E10	ASCII	9,069	6/8/99
04E11	ASCII	9,068	6/8/99
04E12	ASCII	10,028	6/8/99
04E2	ASCII	9,619	6/8/99
04E3	ASCII	9,069	6/8/99
04E4	ASCII	9,618	6/8/99
04E5	ASCII	9,069	6/8/99
04E6	ASCII	9,518	6/8/99
04E7	ASCII	9,067	6/8/99
04E8	ASCII	9,069	6/8/99
04E9	ASCII	9,618	6/8/99
04F1	ASCII	8,074	6/8/99
04F10	ASCII	7,418	6/8/99
04F11	ASCII	7,419	6/8/99
04F12	ASCII	7,419	6/8/99
04F13	ASCII	7,418	6/8/99
04F14	ASCII	7,419	6/8/99
04F15	ASCII	7,418	6/8/99
04F16	ASCII	7,419	6/8/99
04F17	ASCII	7,418	6/8/99
04F18	ASCII	8,074	6/8/99
04F2	ASCII	7,419	6/8/99
04F3	ASCII	7,419	6/8/99
04F4	ASCII	7,419	6/8/99
04F5	ASCII	7,418	6/8/99
04F6	ASCII	7,418	6/8/99
04F7	ASCII	7,418	6/8/99
04F8	ASCII	7,418	6/8/99
04F9	ASCII	7,418	6/8/99
04G1	ASCII	7,971	6/8/99
04G10	ASCII	7,418	6/8/99
04G11	ASCII	7,418	6/8/99

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04G12	ASCII	7,419	6/8/99
04G13	ASCII	7,418	6/8/99
04G14	ASCII	7,418	6/8/99
04G15	ASCII	7,419	6/8/99
04G16	ASCII	7,416	6/8/99
04G2	ASCII	7,419	6/8/99
04G3	ASCII	7,970	6/8/99
04G4	ASCII	7,419	6/8/99
04G5	ASCII	7,416	6/8/99
04G6	ASCII	7,418	6/8/99
04G7	ASCII	7,418	6/8/99
04G8	ASCII	7,419	6/8/99
04G9	ASCII	7,418	6/8/99
04H1	ASCII	5,111	6/8/99
04H10	ASCII	5,111	6/8/99
04H11	ASCII	5,111	6/8/99
04H12	ASCII	5,111	6/8/99
04H13	ASCII	5,111	6/8/99
04H14	ASCII	5,111	6/8/99
04H15	ASCII	5,111	6/8/99
04H16	ASCII	5,110	6/8/99
04H17	ASCII	5,111	6/8/99
04H18	ASCII	5,111	6/8/99
04H2	ASCII	5,111	6/8/99
04H3	ASCII	5,111	6/8/99
04H4	ASCII	5,110	6/8/99
04H5	ASCII	5,110	6/8/99
04H6	ASCII	5,111	6/8/99
04H7	ASCII	5,110	6/8/99
04H8	ASCII	5,111	6/8/99
04H9	ASCII	5,111	6/8/99
04J1	ASCII	5,111	6/8/99
04J10	ASCII	5,111	6/8/99
04J11	ASCII	5,111	6/8/99
04J12	ASCII	5,111	6/8/99
04J13	ASCII	5,111	6/8/99
04J2	ASCII	5,111	6/8/99
04J3	ASCII	5,111	6/8/99
04J4	ASCII	5,111	6/8/99
04J5	ASCII	5,111	6/8/99
04J6	ASCII	5,111	6/8/99
04J7	ASCII	5,111	6/8/99
04J8	ASCII	5,111	6/8/99
04J9	ASCII	5,111	6/8/99
05A1	ASCII	11,829	6/8/99
05A10	ASCII	11,830	6/8/99
05A11	ASCII	12,280	6/8/99

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05A12	ASCII	11,831	6/8/99
05A2	ASCII	11,829	6/8/99
05A3	ASCII	12,487	6/8/99
05A4	ASCII	11,829	6/8/99
05A5	ASCII	12,281	6/8/99
05A6	ASCII	11,827	6/8/99
05A7	ASCII	11,830	6/8/99
05A8	ASCII	12,281	6/8/99
05A9	ASCII	11,829	6/8/99
05B1	ASCII	12,384	6/8/99
05B10	ASCII	12,587	6/8/99
05B2	ASCII	12,177	6/8/99
05B3	ASCII	11,832	6/8/99
05B4	ASCII	11,832	6/8/99
05B5	ASCII	12,588	6/8/99
05B6	ASCII	12,280	6/8/99
05B7	ASCII	11,830	6/8/99
05B8	ASCII	11,830	6/8/99
05B9	ASCII	11,831	6/8/99
05C1	ASCII	11,317	6/8/99
05C10	ASCII	10,990	6/8/99
05C11	ASCII	10,684	6/8/99
05C12	ASCII	10,971	6/8/99
05C13	ASCII	10,479	6/8/99
05C14	ASCII	10,968	6/8/99
05C15	ASCII	10,991	6/8/99
05C16	ASCII	10,029	6/8/99
05C17	ASCII	11,625	6/8/99
05C18	ASCII	10,990	6/8/99
05C19	ASCII	11,626	6/8/99
05C2	ASCII	11,624	6/8/99
05C20	ASCII	10,889	6/8/99
05C21	ASCII	10,969	6/8/99
05C22	ASCII	11,626	6/8/99
05C23	ASCII	10,031	6/8/99
05C24	ASCII	10,991	6/8/99
05C25	ASCII	11,726	6/8/99
05C26	ASCII	11,626	6/8/99
05C27	ASCII	10,971	6/8/99
05C28	ASCII	11,626	6/8/99
05C29	ASCII	11,524	6/8/99
05C3	ASCII	10,971	6/8/99
05C30	ASCII	10,030	6/8/99
05C4	ASCII	10,970	6/8/99
05C5	ASCII	11,626	6/8/99
05C6	ASCII	10,031	6/8/99
05C7	ASCII	10,580	6/8/99

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05C8	ASCII	10,970	6/8/99
05C9	ASCII	10,971	6/8/99
05D1	ASCII	9,069	6/8/99
05D10	ASCII	9,069	6/8/99
05D11	ASCII	9,516	6/8/99
05D12	ASCII	9,618	6/8/99
05D13	ASCII	9,518	6/8/99
05D14	ASCII	9,620	6/8/99
05D15	ASCII	9,620	6/8/99
05D16	ASCII	9,825	6/8/99
05D17	ASCII	9,067	6/8/99
05D18	ASCII	9,067	6/8/99
05D19	ASCII	9,068	6/8/99
05D2	ASCII	9,620	6/8/99
05D20	ASCII	9,069	6/8/99
05D21	ASCII	10,028	6/8/99
05D3	ASCII	9,521	6/8/99
05D4	ASCII	9,620	6/8/99
05D5	ASCII	9,521	6/8/99
05D6	ASCII	9,066	6/8/99
05D7	ASCII	9,519	6/8/99
05D8	ASCII	9,070	6/8/99
05D9	ASCII	9,068	6/8/99
05E1	ASCII	10,026	6/8/99
05E10	ASCII	9,068	6/8/99
05E11	ASCII	9,066	6/8/99
05E12	ASCII	10,028	6/8/99
05E2	ASCII	9,518	6/8/99
05E3	ASCII	9,068	6/8/99
05E4	ASCII	9,518	6/8/99
05E5	ASCII	9,068	6/8/99
05E6	ASCII	9,518	6/8/99
05E7	ASCII	9,067	6/8/99
05E8	ASCII	9,068	6/8/99
05E9	ASCII	9,618	6/8/99
05F1	ASCII	7,870	6/8/99
05F10	ASCII	7,417	6/8/99
05F11	ASCII	7,418	6/8/99
05F12	ASCII	7,418	6/8/99
05F13	ASCII	7,417	6/8/99
05F14	ASCII	7,419	6/8/99
05F15	ASCII	7,418	6/8/99
05F16	ASCII	7,419	6/8/99
05F17	ASCII	7,419	6/8/99
05F18	ASCII	7,869	6/8/99
05F2	ASCII	7,418	6/8/99
05F3	ASCII	7,419	6/8/99

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05F4	ASCII	7,417	6/8/99
05F5	ASCII	7,418	6/8/99
05F6	ASCII	7,419	6/8/99
05F7	ASCII	7,419	6/8/99
05F8	ASCII	7,416	6/8/99
05F9	ASCII	7,418	6/8/99
05G1	ASCII	7,971	6/8/99
05G10	ASCII	7,419	6/8/99
05G11	ASCII	7,419	6/8/99
05G12	ASCII	7,418	6/8/99
05G13	ASCII	7,418	6/8/99
05G14	ASCII	7,418	6/8/99
05G15	ASCII	7,419	6/8/99
05G16	ASCII	7,418	6/8/99
05G2	ASCII	7,418	6/8/99
05G3	ASCII	7,870	6/8/99
05G4	ASCII	7,418	6/8/99
05G5	ASCII	7,419	6/8/99
05G6	ASCII	7,419	6/8/99
05G7	ASCII	7,419	6/8/99
05G8	ASCII	7,418	6/8/99
05G9	ASCII	7,419	6/8/99
05H1	ASCII	5,111	6/8/99
05H10	ASCII	5,111	6/8/99
05H11	ASCII	5,111	6/8/99
05H12	ASCII	5,110	6/8/99
05H13	ASCII	5,111	6/8/99
05H14	ASCII	5,111	6/8/99
05H15	ASCII	5,111	6/8/99
05H16	ASCII	5,110	6/8/99
05H17	ASCII	5,111	6/8/99
05H18	ASCII	5,111	6/8/99
05H2	ASCII	5,111	6/8/99
05H3	ASCII	5,110	6/8/99
05H4	ASCII	5,110	6/8/99
05H5	ASCII	5,111	6/8/99
05H6	ASCII	5,111	6/8/99
05H7	ASCII	5,110	6/8/99
05H8	ASCII	5,111	6/8/99
05J1	ASCII	5,111	6/8/99
05J10	ASCII	5,111	6/8/99
05J11	ASCII	5,111	6/8/99
05J12	ASCII	5,111	6/8/99
05J13	ASCII	5,111	6/8/99
05J2	ASCII	5,111	6/8/99
05J3	ASCII	5,111	6/8/99
05J4	ASCII	5,111	6/8/99

Waste Package Operations**Calculation Attachment****Title:** CRC Depletion Calculations for LaSalle Unit 1**Document Identifier:** B00000000-01717-0210-00097 REV 00

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05J5	ASCII	5,111	6/8/99
05J6	ASCII	5,111	6/8/99
05J7	ASCII	5,110	6/8/99
05J8	ASCII	5,111	6/8/99
05J9	ASCII	5,111	6/8/99
06A1	ASCII	11,827	6/8/99
06A10	ASCII	11,830	6/8/99
06A11	ASCII	12,278	6/8/99
06A12	ASCII	11,831	6/8/99
06A2	ASCII	11,827	6/8/99
06A3	ASCII	12,485	6/8/99
06A4	ASCII	11,829	6/8/99
06A5	ASCII	12,281	6/8/99
06A6	ASCII	11,827	6/8/99
06A7	ASCII	11,831	6/8/99
06A8	ASCII	12,278	6/8/99
06A9	ASCII	11,831	6/8/99
06B1	ASCII	12,384	6/8/99
06B10	ASCII	12,587	6/8/99
06B2	ASCII	12,178	6/8/99
06B3	ASCII	11,828	6/8/99
06B4	ASCII	11,831	6/8/99
06B5	ASCII	12,586	6/8/99
06B6	ASCII	12,279	6/8/99
06B7	ASCII	11,828	6/8/99
06B8	ASCII	11,831	6/8/99
06B9	ASCII	11,831	6/8/99
06C1	ASCII	11,321	6/8/99
06C10	ASCII	10,887	6/8/99
06C11	ASCII	10,684	6/8/99
06C12	ASCII	10,972	6/8/99
06C13	ASCII	10,478	6/8/99
06C14	ASCII	10,967	6/8/99
06C15	ASCII	10,787	6/8/99
06C16	ASCII	10,029	6/8/99
06C17	ASCII	11,623	6/8/99
06C18	ASCII	10,886	6/8/99
06C19	ASCII	11,626	6/8/99
06C2	ASCII	11,623	6/8/99
06C20	ASCII	10,886	6/8/99
06C21	ASCII	10,969	6/8/99
06C22	ASCII	11,623	6/8/99
06C23	ASCII	10,030	6/8/99
06C24	ASCII	10,787	6/8/99
06C25	ASCII	11,623	6/8/99
06C26	ASCII	11,625	6/8/99
06C27	ASCII	10,969	6/8/99

Waste Package Operations**Calculation Attachment****Title:** CRC Depletion Calculations for LaSalle Unit 1**Document Identifier:** B00000000-01717-0210-00097 REV 00

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06C28	ASCII	11,623	6/8/99
06C29	ASCII	11,524	6/8/99
06C3	ASCII	10,971	6/8/99
06C30	ASCII	10,030	6/8/99
06C4	ASCII	10,970	6/8/99
06C5	ASCII	11,625	6/8/99
06C6	ASCII	10,030	6/8/99
06C7	ASCII	10,581	6/8/99
06C8	ASCII	10,970	6/8/99
06C9	ASCII	10,971	6/8/99
06D1	ASCII	9,068	6/8/99
06D10	ASCII	9,067	6/8/99
06D11	ASCII	9,516	6/8/99
06D12	ASCII	9,618	6/8/99
06D13	ASCII	9,518	6/8/99
06D14	ASCII	9,618	6/8/99
06D15	ASCII	9,618	6/8/99
06D16	ASCII	9,825	6/8/99
06D17	ASCII	9,066	6/8/99
06D18	ASCII	9,066	6/8/99
06D19	ASCII	9,065	6/8/99
06D2	ASCII	9,618	6/8/99
06D20	ASCII	9,068	6/8/99
06D21	ASCII	9,824	6/8/99
06D3	ASCII	9,519	6/8/99
06D4	ASCII	9,518	6/8/99
06D5	ASCII	9,518	6/8/99
06D6	ASCII	9,066	6/8/99
06D7	ASCII	9,518	6/8/99
06D8	ASCII	9,068	6/8/99
06D9	ASCII	9,068	6/8/99
06E1	ASCII	9,822	6/8/99
06E10	ASCII	9,068	6/8/99
06E11	ASCII	9,066	6/8/99
06E12	ASCII	9,926	6/8/99
06E2	ASCII	9,516	6/8/99
06E3	ASCII	9,068	6/8/99
06E4	ASCII	9,518	6/8/99
06E5	ASCII	9,068	6/8/99
06E6	ASCII	9,518	6/8/99
06E7	ASCII	9,065	6/8/99
06E8	ASCII	9,068	6/8/99
06E9	ASCII	9,619	6/8/99
06F1	ASCII	7,870	6/8/99
06F10	ASCII	7,416	6/8/99
06F11	ASCII	7,417	6/8/99
06F12	ASCII	7,417	6/8/99

Waste Package Operations**Calculation Attachment****Title:** CRC Depletion Calculations for LaSalle Unit 1**Document Identifier:** B00000000-01717-0210-00097 REV 00

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06F13	ASCII	7,418	6/8/99
06F14	ASCII	7,414	6/8/99
06F15	ASCII	7,417	6/8/99
06F16	ASCII	7,419	6/8/99
06F17	ASCII	7,419	6/8/99
06F18	ASCII	7,870	6/8/99
06F2	ASCII	7,417	6/8/99
06F3	ASCII	7,417	6/8/99
06F4	ASCII	7,419	6/8/99
06F5	ASCII	7,418	6/8/99
06F6	ASCII	7,418	6/8/99
06F7	ASCII	7,418	6/8/99
06F8	ASCII	7,417	6/8/99
06F9	ASCII	7,418	6/8/99
06G1	ASCII	7,970	6/8/99
06G10	ASCII	7,417	6/8/99
06G11	ASCII	7,418	6/8/99
06G12	ASCII	7,418	6/8/99
06G13	ASCII	7,418	6/8/99
06G14	ASCII	7,419	6/8/99
06G15	ASCII	7,418	6/8/99
06G16	ASCII	7,417	6/8/99
06G2	ASCII	7,418	6/8/99
06G3	ASCII	7,870	6/8/99
06G4	ASCII	7,418	6/8/99
06G5	ASCII	7,418	6/8/99
06G6	ASCII	7,418	6/8/99
06G7	ASCII	7,417	6/8/99
06G8	ASCII	7,418	6/8/99
06G9	ASCII	7,418	6/8/99
06H1	ASCII	5,111	6/8/99
06H10	ASCII	5,111	6/8/99
06H11	ASCII	5,110	6/8/99
06H12	ASCII	5,110	6/8/99
06H13	ASCII	5,111	6/8/99
06H14	ASCII	5,110	6/8/99
06H15	ASCII	5,111	6/8/99
06H16	ASCII	5,111	6/8/99
06H17	ASCII	5,110	6/8/99
06H18	ASCII	5,111	6/8/99
06H2	ASCII	5,111	6/8/99
06H3	ASCII	5,110	6/8/99
06H4	ASCII	5,117	6/8/99
06H5	ASCII	5,111	6/8/99
06H6	ASCII	5,110	6/8/99
06H7	ASCII	5,110	6/8/99
06H8	ASCII	5,110	6/8/99

Waste Package Operations**Calculation Attachment****Title:** CRC Depletion Calculations for LaSalle Unit 1**Document Identifier:** B00000000-01717-0210-00097 REV 00

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06H9	ASCII	5,111	6/8/99
06J1	ASCII	5,111	6/8/99
06J10	ASCII	5,110	6/8/99
06J11	ASCII	5,110	6/8/99
06J12	ASCII	5,110	6/8/99
06J13	ASCII	5,111	6/8/99
06J2	ASCII	5,111	6/8/99
06J3	ASCII	5,111	6/8/99
06J4	ASCII	5,111	6/8/99
06J5	ASCII	5,111	6/8/99
06J6	ASCII	5,111	6/8/99
06J7	ASCII	5,111	6/8/99
06J8	ASCII	5,111	6/8/99
06J9	ASCII	5,111	6/8/99
07A1	ASCII	11,826	6/8/99
07A10	ASCII	11,828	6/8/99
07A11	ASCII	12,176	6/8/99
07A12	ASCII	11,828	6/8/99
07A2	ASCII	11,826	6/8/99
07A3	ASCII	12,279	6/8/99
07A4	ASCII	11,827	6/8/99
07A5	ASCII	12,177	6/8/99
07A6	ASCII	11,824	6/8/99
07A7	ASCII	11,828	6/8/99
07A8	ASCII	12,178	6/8/99
07A9	ASCII	11,829	6/8/99
07B1	ASCII	12,280	6/8/99
07B10	ASCII	12,586	6/8/99
07B2	ASCII	12,176	6/8/99
07B3	ASCII	11,826	6/8/99
07B4	ASCII	11,829	6/8/99
07B5	ASCII	12,583	6/8/99
07B6	ASCII	12,279	6/8/99
07B7	ASCII	11,827	6/8/99
07B8	ASCII	11,829	6/8/99
07B9	ASCII	11,829	6/8/99
07C1	ASCII	11,319	6/8/99
07C10	ASCII	10,885	6/8/99
07C11	ASCII	10,682	6/8/99
07C12	ASCII	10,970	6/8/99
07C13	ASCII	10,478	6/8/99
07C14	ASCII	10,966	6/8/99
07C15	ASCII	10,783	6/8/99
07C16	ASCII	10,026	6/8/99
07C17	ASCII	11,621	6/8/99
07C18	ASCII	10,885	6/8/99
07C19	ASCII	11,624	6/8/99

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07C2	ASCII	11,624	6/8/99
07C20	ASCII	10,782	6/8/99
07C21	ASCII	10,968	6/8/99
07C22	ASCII	11,624	6/8/99
07C23	ASCII	10,024	6/8/99
07C24	ASCII	10,681	6/8/99
07C25	ASCII	11,624	6/8/99
07C26	ASCII	11,317	6/8/99
07C27	ASCII	10,970	6/8/99
07C28	ASCII	11,624	6/8/99
07C29	ASCII	11,318	6/8/99
07C3	ASCII	10,970	6/8/99
07C30	ASCII	10,028	6/8/99
07C4	ASCII	10,966	6/8/99
07C5	ASCII	11,621	6/8/99
07C6	ASCII	10,027	6/8/99
07C7	ASCII	10,479	6/8/99
07C8	ASCII	10,968	6/8/99
07C9	ASCII	10,969	6/8/99
07D1	ASCII	9,065	6/8/99
07D10	ASCII	9,064	6/8/99
07D11	ASCII	9,513	6/8/99
07D12	ASCII	9,516	6/8/99
07D13	ASCII	9,517	6/8/99
07D14	ASCII	9,515	6/8/99
07D15	ASCII	9,616	6/8/99
07D16	ASCII	9,822	6/8/99
07D17	ASCII	9,064	6/8/99
07D18	ASCII	9,065	6/8/99
07D19	ASCII	9,063	6/8/99
07D2	ASCII	9,516	6/8/99
07D20	ASCII	9,064	6/8/99
07D21	ASCII	9,721	6/8/99
07D3	ASCII	9,516	6/8/99
07D4	ASCII	9,517	6/8/99
07D5	ASCII	9,517	6/8/99
07D6	ASCII	9,063	6/8/99
07D7	ASCII	9,515	6/8/99
07D8	ASCII	9,063	6/8/99
07D9	ASCII	9,066	6/8/99
07E1	ASCII	9,721	6/8/99
07E10	ASCII	9,066	6/8/99
07E11	ASCII	9,064	6/8/99
07E12	ASCII	9,822	6/8/99
07E2	ASCII	9,515	6/8/99
07E3	ASCII	9,064	6/8/99
07E4	ASCII	9,514	6/8/99

Waste Package Operations**Calculation Attachment****Title:** CRC Depletion Calculations for LaSalle Unit 1**Document Identifier:** B00000000-01717-0210-00097 REV 00

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07E5	ASCII	9,067	6/8/99
07E6	ASCII	9,514	6/8/99
07E8	ASCII	9,066	6/8/99
07E9	ASCII	9,618	6/8/99
07F1	ASCII	7,866	6/8/99
07F10	ASCII	7,416	6/8/99
07F11	ASCII	7,414	6/8/99
07F12	ASCII	7,414	6/8/99
07F13	ASCII	7,414	6/8/99
07F14	ASCII	7,414	6/8/99
07F15	ASCII	7,413	6/8/99
07F16	ASCII	7,414	6/8/99
07F17	ASCII	7,415	6/8/99
07F18	ASCII	7,866	6/8/99
07F2	ASCII	7,415	6/8/99
07F3	ASCII	7,415	6/8/99
07F4	ASCII	7,415	6/8/99
07F5	ASCII	7,416	6/8/99
07F6	ASCII	7,414	6/8/99
07F7	ASCII	7,414	6/8/99
07F8	ASCII	7,416	6/8/99
07F9	ASCII	7,415	6/8/99
07G1	ASCII	7,868	6/8/99
07G10	ASCII	7,415	6/8/99
07G11	ASCII	7,414	6/8/99
07G12	ASCII	7,415	6/8/99
07G13	ASCII	7,415	6/8/99
07G14	ASCII	7,415	6/8/99
07G15	ASCII	7,416	6/8/99
07G16	ASCII	7,415	6/8/99
07G2	ASCII	7,414	6/8/99
07G3	ASCII	7,867	6/8/99
07G4	ASCII	7,415	6/8/99
07G5	ASCII	7,416	6/8/99
07G6	ASCII	7,416	6/8/99
07G7	ASCII	7,416	6/8/99
07G8	ASCII	7,414	6/8/99
07G9	ASCII	7,414	6/8/99
07H1	ASCII	5,117	6/8/99
07H10	ASCII	5,110	6/8/99
07H11	ASCII	5,117	6/8/99
07H12	ASCII	5,117	6/8/99
07H13	ASCII	5,110	6/8/99
07H14	ASCII	5,117	6/8/99
07H15	ASCII	5,110	6/8/99
07H16	ASCII	5,110	6/8/99
07H17	ASCII	5,117	6/8/99

Waste Package Operations**Calculation Attachment****Title:** CRC Depletion Calculations for LaSalle Unit 1**Document Identifier:** B00000000-01717-0210-00097 REV 00

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07H18	ASCII	5,111	6/8/99
07H2	ASCII	5,108	6/8/99
07H3	ASCII	5,117	6/8/99
07H4	ASCII	5,117	6/8/99
07H5	ASCII	5,110	6/8/99
07H6	ASCII	5,117	6/8/99
07H7	ASCII	5,117	6/8/99
07H8	ASCII	5,117	6/8/99
07H9	ASCII	5,111	6/8/99
07J1	ASCII	5,110	6/8/99
07J10	ASCII	5,117	6/8/99
07J11	ASCII	5,117	6/8/99
07J12	ASCII	5,110	6/8/99
07J13	ASCII	5,110	6/8/99
07J2	ASCII	5,110	6/8/99
07J3	ASCII	5,110	6/8/99
07J4	ASCII	5,110	6/8/99
07J5	ASCII	5,110	6/8/99
07J6	ASCII	5,110	6/8/99
07J7	ASCII	5,110	6/8/99
07J8	ASCII	5,110	6/8/99
07J9	ASCII	5,110	6/8/99
08A1	ASCII	11,824	6/8/99
08A10	ASCII	11,826	6/8/99
08A11	ASCII	12,175	6/8/99
08A12	ASCII	11,824	6/8/99
08A2	ASCII	11,826	6/8/99
08A3	ASCII	12,173	6/8/99
08A4	ASCII	11,824	6/8/99
08A5	ASCII	12,173	6/8/99
08A6	ASCII	11,826	6/8/99
08A7	ASCII	11,824	6/8/99
08A8	ASCII	12,173	6/8/99
08A9	ASCII	11,824	6/8/99
08B1	ASCII	12,175	6/8/99
08B10	ASCII	12,379	6/8/99
08B2	ASCII	12,175	6/8/99
08B3	ASCII	11,825	6/8/99
08B4	ASCII	11,826	6/8/99
08B5	ASCII	12,379	6/8/99
08B6	ASCII	12,276	6/8/99
08B7	ASCII	11,821	6/8/99
08B8	ASCII	11,826	6/8/99
08B9	ASCII	11,826	6/8/99
08C1	ASCII	11,315	6/8/99
08C10	ASCII	10,576	6/8/99
08C11	ASCII	10,577	6/8/99

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08C12	ASCII	10,967	6/8/99
08C13	ASCII	10,476	6/8/99
08C14	ASCII	10,965	6/8/99
08C15	ASCII	10,578	6/8/99
08C16	ASCII	10,024	6/8/99
08C17	ASCII	11,621	6/8/99
08C18	ASCII	10,578	6/8/99
08C19	ASCII	11,623	6/8/99
08C2	ASCII	11,419	6/8/99
08C20	ASCII	10,781	6/8/99
08C21	ASCII	10,966	6/8/99
08C22	ASCII	11,418	6/8/99
08C23	ASCII	10,025	6/8/99
08C24	ASCII	10,578	6/8/99
08C25	ASCII	11,621	6/8/99
08C26	ASCII	11,317	6/8/99
08C27	ASCII	10,966	6/8/99
08C28	ASCII	11,419	6/8/99
08C29	ASCII	11,314	6/8/99
08C3	ASCII	10,967	6/8/99
08C30	ASCII	10,025	6/8/99
08C4	ASCII	10,968	6/8/99
08C5	ASCII	11,622	6/8/99
08C6	ASCII	10,025	6/8/99
08C7	ASCII	10,476	6/8/99
08C8	ASCII	10,967	6/8/99
08C9	ASCII	10,967	6/8/99
08D1	ASCII	9,063	6/8/99
08D10	ASCII	9,063	6/8/99
08D11	ASCII	9,514	6/8/99
08D12	ASCII	9,513	6/8/99
08D13	ASCII	9,511	6/8/99
08D14	ASCII	9,514	6/8/99
08D15	ASCII	9,616	6/8/99
08D16	ASCII	9,513	6/8/99
08D17	ASCII	9,063	6/8/99
08D18	ASCII	9,063	6/8/99
08D19	ASCII	9,062	6/8/99
08D2	ASCII	9,513	6/8/99
08D20	ASCII	9,063	6/8/99
08D21	ASCII	9,616	6/8/99
08D3	ASCII	9,513	6/8/99
08D4	ASCII	9,514	6/8/99
08D5	ASCII	9,513	6/8/99
08D6	ASCII	9,061	6/8/99
08D7	ASCII	9,513	6/8/99
08D8	ASCII	9,063	6/8/99

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08D9	ASCII	9,063	6/8/99
08E1	ASCII	9,616	6/8/99
08E10	ASCII	9,063	6/8/99
08E11	ASCII	9,063	6/8/99
08E12	ASCII	9,616	6/8/99
08E2	ASCII	9,513	6/8/99
08E3	ASCII	9,062	6/8/99
08E4	ASCII	9,513	6/8/99
08E5	ASCII	9,063	6/8/99
08E6	ASCII	9,512	6/8/99
08E7	ASCII	9,061	6/8/99
08E8	ASCII	9,063	6/8/99
08E9	ASCII	9,616	6/8/99
08F1	ASCII	7,864	6/8/99
08F10	ASCII	7,414	6/8/99
08F11	ASCII	7,414	6/8/99
08F12	ASCII	7,414	6/8/99
08F13	ASCII	7,414	6/8/99
08F14	ASCII	7,414	6/8/99
08F15	ASCII	7,414	6/8/99
08F16	ASCII	7,414	6/8/99
08F17	ASCII	7,414	6/8/99
08F18	ASCII	7,863	6/8/99
08F2	ASCII	7,414	6/8/99
08F3	ASCII	7,414	6/8/99
08F4	ASCII	7,413	6/8/99
08F5	ASCII	7,414	6/8/99
08F6	ASCII	7,414	6/8/99
08F7	ASCII	7,414	6/8/99
08F8	ASCII	7,413	6/8/99
08F9	ASCII	7,414	6/8/99
08G1	ASCII	7,865	6/8/99
08G10	ASCII	7,414	6/8/99
08G11	ASCII	7,413	6/8/99
08G12	ASCII	7,414	6/8/99
08G13	ASCII	7,414	6/8/99
08G14	ASCII	7,414	6/8/99
08G15	ASCII	7,413	6/8/99
08G16	ASCII	7,413	6/8/99
08G2	ASCII	7,413	6/8/99
08G3	ASCII	7,865	6/8/99
08G4	ASCII	7,413	6/8/99
08G5	ASCII	7,414	6/8/99
08G6	ASCII	7,414	6/8/99
08G7	ASCII	7,413	6/8/99
08G8	ASCII	7,414	6/8/99
08G9	ASCII	7,414	6/8/99

Waste Package Operations**Calculation Attachment****Title:** CRC Depletion Calculations for LaSalle Unit 1**Document Identifier:** B00000000-01717-0210-00097 REV 00

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08H1	ASCII	5,117	6/8/99
08H10	ASCII	5,117	6/8/99
08H11	ASCII	5,117	6/8/99
08H12	ASCII	5,117	6/8/99
08H13	ASCII	5,117	6/8/99
08H14	ASCII	5,117	6/8/99
08H15	ASCII	5,117	6/8/99
08H16	ASCII	5,117	6/8/99
08H17	ASCII	5,117	6/8/99
08H18	ASCII	5,117	6/8/99
08H2	ASCII	5,117	6/8/99
08H3	ASCII	5,117	6/8/99
08H4	ASCII	5,117	6/8/99
08H5	ASCII	5,117	6/8/99
08H6	ASCII	5,117	6/8/99
08H7	ASCII	5,117	6/8/99
08H8	ASCII	5,117	6/8/99
08H9	ASCII	5,117	6/8/99
08J1	ASCII	5,117	6/8/99
08J10	ASCII	5,117	6/8/99
08J11	ASCII	5,117	6/8/99
08J12	ASCII	5,117	6/8/99
08J13	ASCII	5,117	6/8/99
08J2	ASCII	5,117	6/8/99
08J3	ASCII	5,117	6/8/99
08J4	ASCII	5,117	6/8/99
08J5	ASCII	5,117	6/8/99
08J6	ASCII	5,117	6/8/99
08J7	ASCII	5,117	6/8/99
08J8	ASCII	5,117	6/8/99
08J9	ASCII	5,117	6/8/99
09A1	ASCII	11,822	6/8/99
09A10	ASCII	11,822	6/8/99
09A11	ASCII	12,168	6/8/99
09A12	ASCII	11,823	6/8/99
09A2	ASCII	11,822	6/8/99
09A3	ASCII	12,171	6/8/99
09A4	ASCII	11,822	6/8/99
09A5	ASCII	12,173	6/8/99
09A6	ASCII	11,822	6/8/99
09A7	ASCII	11,823	6/8/99
09A8	ASCII	12,171	6/8/99
09A9	ASCII	11,823	6/8/99
09B1	ASCII	12,171	6/8/99
09B10	ASCII	12,373	6/8/99
09B2	ASCII	12,169	6/8/99
09B3	ASCII	11,823	6/8/99

Waste Package Operations**Calculation Attachment****Title:** CRC Depletion Calculations for LaSalle Unit 1**Document Identifier:** B00000000-01717-0210-00097 REV 00

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09B4	ASCII	11,822	6/8/99
09B5	ASCII	12,376	6/8/99
09B6	ASCII	12,275	6/8/99
09B7	ASCII	11,823	6/8/99
09B8	ASCII	11,823	6/8/99
09B9	ASCII	11,824	6/8/99
09C1	ASCII	11,312	6/8/99
09C10	ASCII	10,472	6/8/99
09C11	ASCII	10,572	6/8/99
09C12	ASCII	10,961	6/8/99
09C13	ASCII	10,471	6/8/99
09C14	ASCII	10,961	6/8/99
09C16	ASCII	10,019	6/8/99
09C17	ASCII	11,616	6/8/99
09C18	ASCII	10,471	6/8/99
09C19	ASCII	11,512	6/8/99
09C2	ASCII	11,414	6/8/99
09C20	ASCII	10,777	6/8/99
09C21	ASCII	10,960	6/8/99
09C22	ASCII	11,414	6/8/99
09C23	ASCII	10,019	6/8/99
09C24	ASCII	10,570	6/8/99
09C25	ASCII	11,617	6/8/99
09C26	ASCII	11,310	6/8/99
09C27	ASCII	10,961	6/8/99
09C28	ASCII	11,412	6/8/99
09C29	ASCII	11,310	6/8/99
09C3	ASCII	10,963	6/8/99
09C30	ASCII	10,019	6/8/99
09C4	ASCII	10,960	6/8/99
09C5	ASCII	11,514	6/8/99
09C6	ASCII	10,017	6/8/99
09C7	ASCII	10,469	6/8/99
09C8	ASCII	10,961	6/8/99
09C9	ASCII	10,962	6/8/99
09D1	ASCII	9,057	6/8/99
09D10	ASCII	9,059	6/8/99
09D11	ASCII	9,510	6/8/99
09D12	ASCII	9,507	6/8/99
09D13	ASCII	9,510	6/8/99
09D14	ASCII	9,510	6/8/99
09D15	ASCII	9,611	6/8/99
09D16	ASCII	9,509	6/8/99
09D17	ASCII	9,059	6/8/99
09D18	ASCII	9,059	6/8/99
09D19	ASCII	9,059	6/8/99
09D2	ASCII	9,509	6/8/99

Waste Package Operations**Calculation Attachment****Title:** CRC Depletion Calculations for LaSalle Unit 1**Document Identifier:** B00000000-01717-0210-00097 REV 00

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09D20	ASCII	9,058	6/8/99
09D21	ASCII	9,611	6/8/99
09D3	ASCII	9,509	6/8/99
09D4	ASCII	9,510	6/8/99
09D5	ASCII	9,509	6/8/99
09D6	ASCII	9,059	6/8/99
09D7	ASCII	9,509	6/8/99
09D8	ASCII	9,059	6/8/99
09D9	ASCII	9,058	6/8/99
09E1	ASCII	9,612	6/8/99
09E10	ASCII	9,058	6/8/99
09E11	ASCII	9,057	6/8/99
09E12	ASCII	9,508	6/8/99
09E2	ASCII	9,510	6/8/99
09E3	ASCII	9,058	6/8/99
09E4	ASCII	9,508	6/8/99
09E5	ASCII	9,059	6/8/99
09E6	ASCII	9,509	6/8/99
09E7	ASCII	9,059	6/8/99
09E8	ASCII	9,059	6/8/99
09E9	ASCII	9,611	6/8/99
09F1	ASCII	7,863	6/8/99
09F10	ASCII	7,412	6/8/99
09F11	ASCII	7,412	6/8/99
09F12	ASCII	7,412	6/8/99
09F13	ASCII	7,412	6/8/99
09F14	ASCII	7,412	6/8/99
09F15	ASCII	7,412	6/8/99
09F16	ASCII	7,412	6/8/99
09F17	ASCII	7,410	6/8/99
09F18	ASCII	7,863	6/8/99
09F2	ASCII	7,412	6/8/99
09F3	ASCII	7,412	6/8/99
09F4	ASCII	7,412	6/8/99
09F5	ASCII	7,412	6/8/99
09F6	ASCII	7,412	6/8/99
09F7	ASCII	7,411	6/8/99
09F8	ASCII	7,412	6/8/99
09F9	ASCII	7,411	6/8/99
09G1	ASCII	7,863	6/8/99
09G10	ASCII	7,411	6/8/99
09G11	ASCII	7,412	6/8/99
09G12	ASCII	7,412	6/8/99
09G13	ASCII	7,411	6/8/99
09G14	ASCII	7,409	6/8/99
09G15	ASCII	7,412	6/8/99
09G16	ASCII	7,411	6/8/99