Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number E5								
	Datapoint 5 (BOC Cy 11)			Datapoint 6 (180 EFPD Cy 11)			Datapoint 7 (BOC Cy 12)		
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)
EFPD	BOC Cy 11	BOC Cy 11	BOC Cy 11	180 Cy 11	180 Cy 11	180 Cy 11	BOC Cy 12	BOC Cy 12	BOC Cy 12
1	0.000		0.7396	0.945	623.4	0.7396	2.651	628.2	0.7396
2	0.000		0.7396	4.338	908.2	0.7386	11.851	885.3	0.7375
3	0.000	Data Not	0.6639	6.284	1024.8	0.6812	15.848	966.3	0.6778
4	0.000	Required	0.5258	6.865	1083.5	0.5493	16.447	967.2	0.5568
5	0.000		0.4302	6.929	1090.3	0.4351	16.876	987.5	0.4575
6	0.000		0.3697	6.341	1030.4	0.3600	16.512	1000.2	0.3879
7	0.000		0.3225	5.462	947.2	0.3020	15.626	999.8	0.3283
8	0.000		0.2935	4.330	850.3	0.2661	13.694	955.5	0.2871
9	0.000		0.2752	3.352	775.3	0.2428	10.740	855.4	0.2568
10	0.000		0.2672	0.970	618.1	0.2324	3.129	636.9	0.2431

	Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)		
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)
EFPD	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13
1	3.652	646.7	0.7396	4.511	647.1	0.7396	4.580	644.0	0.7396
2	15.893	947.6	0.7369	19.172	923.1	0.7367	19.437	909.6	0.7367
3	20.688	1010.0	0.6759	24.645	984.8	0.6758	24.975	986.6	0.6759
4	21.149	993.3	0.5549	25.096	983.4	0.5553	25.432	996.7	0.5554
5	21.593	995.0	0.4553	25.573	988.1	0.4554	25.907	993.3	0.4555
6	21.216	993.5	0.3853	25.197	988.1	0.3850	25.511	959.5	0.3850
7	20.296	989.4	0.3250	24.315	993.4	0.3240	24.599	913.2	0.3241
8	18.070	954.9	0.2830	21.963	976.0	0.2812	22.212	859.1	0.2813
9	14.059	841.4	0.2530	17.087	864.5	0.2509	17.262	759.0	0.2510
10	4.084	632.7	0.2396	4.997	641.4	0.2374	5.045	611.4	0.2375

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number E5								
	Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)		
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)
EFPD	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13
1	5.266	641.9	0.7396	5.853	623.7	0.7396	6.296	612.9	0.7396
2	21.933	878.7	0.7370	23.972	788.1	0.7376	25.447	738.1	0.7381
3	27.948	924.5	0.6776	30.431	825.2	0.6814	32.213	763.9	0.6847
4	28.485	936.9	0.5590	31.272	864.7	0.5670	33.310	798.0	0.5748
5	29.049	951.1	0.4590	32.111	902.0	0.4682	34.446	839.3	0.4783
6	28.567	937.5	0.3879	31.638	903.2	0.3960	34.116	860.1	0.4058
7	27.472	909.1	0.3266	30.424	886.9	0.3334	32.959	868.4	0.3421
8	24.805	867.9	0.2837	27.526	856.0	0.2897	29.998	859.2	0.2974
9	19.121	768.8	0.2533	21.114	766.2	0.2586	23.032	782.5	0.2654
10	5.558	613.9	0.2398	6.114	613.8	0.2448	6.667	619.5	0.2512

	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	6.529	604.4	0.7396	6.808	595.0	0.7396	7.262	606.0	0.7396
2	26.198	703.2	0.7383	27.165	680.8	0.7387	28.632	708.5	0.7391
3	33.102	719.6	0.6866	34.364	710.3	0.6890	36.102	726.1	0.6920
4	34.346	749.3	0.5794	35.852	742.7	0.5861	37.731	741.1	0.5930
5	35.707	796.9	0.4851	37.444	774.3	0.4946	39.496	760.0	0.5040
6	35.555	836.8	0.4133	37.373	785.9	0.4234	39.506	768.9	0.4334
7	34.541	870.2	0.3490	36.381	789.1	0.3585	38.547	772.6	0.3683
8	31.627	881.5	0.3036	33.400	779.5	0.3124	35.520	767.5	0.3218
9	24.350	810.0	0.2709	25.649	715.4	0.2786	27.267	714.0	0.2871
10	7.056	627.5	0.2563	7.398	599.7	0.2630	7.841	601.0	0.2709

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number E6								
	Datapoint 5 (BOC Cy 11)			Datapoint 6 (180 EFPD Cy 11)			Datapoint 7 (BOC Cy 12)		
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)
EFPD	BOC Cy 11	BOC Cy 11	BOC Cy 11	180 Cy 11	180 Cy 11	180 Cy 11	BOC Cy 12	BOC Cy 12	BOC Cy 12
1	0.000		0.7396	1.129	636.5	0.7396	3.136	641.0	0.7396
2	0.000		0.7192	5.162	950.5	0.7343	13.688	940.9	0.7334
3	0.000	Data Not	0.5667	7.435	1145.2	0.6520	17.887	1016.3	0.6529
4	0.000	Required	0.4226	8.004	1209.4	0.4966	18.517	1019.9	0.5154
5	0.000		0.3423	7.992	1208.1	0.3820	19.212	1062.0	0.4141
6	0.000		0.2942	7.255	1125.5	0.3128	19.074	1098.9	0.3472
7	0.000		0.2565	6.089	1006.1	0.2614	18.224	1119.0	0.2916
8	0.000		0.2322	4.628	874.9	0.2306	16.056	1074.8	0.2529
9	0.000		0.2162	3.438	781.7	0.2115	12.484	940.0	0.2240
10	0.000		0.2093	1.007	620.3	0.2027	3.749	658.4	0.2110

	Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)		
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)
EFPD	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13
1	3.973	631.7	0.7396	4.666	629.3	0.7396	4.733	641.4	0.7396
2	17.019	865.1	0.7345	19.670	840.0	0.7352	19.925	894.2	0.7352
3	22.020	927.0	0.6607	25.313	896.3	0.6661	25.632	969.1	0.6664
4	22.769	940.4	0.5297	26.170	910.1	0.5399	26.501	987.7	0.5403
5	23.550	950.3	0.4283	27.013	917.9	0.4391	27.346	992.5	0.4394
6	23.332	941.2	0.3597	26.741	911.1	0.3694	27.057	964.4	0.3697
7	22.328	923.8	0.3023	25.656	900.7	0.3110	25.947	922.0	0.3112
8	19.855	890.5	0.2626	22.984	875.8	0.2705	23.247	879.2	0.2708
9	15.310	792.7	0.2330	17.678	787.5	0.2404	17.865	774.3	0.2406
10	4.553	621.0	0.2196	5.244	621.4	0.2267	5.294	614.5	0.2269

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number E6								
	Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)		
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)
EFPD	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13
1	5.407	640.3	0.7396	6.035	628.4	0.7396	6.566	624.0	0.7396
2	22.365	870.0	0.7357	24.562	808.6	0.7363	26.361	782.8	0.7369
3	28.588	922.0	0.6692	31.340	859.9	0.6732	33.570	824.5	0.6766
4	29.583	941.6	0.5454	32.658	903.8	0.5532	35.122	858.1	0.5601
5	30.543	959.9	0.4444	33.845	936.0	0.4524	36.530	891.0	0.4603
6	30.176	947.3	0.3739	33.434	929.8	0.3807	36.198	903.1	0.3879
7	28.896	921.0	0.3147	31.987	905.9	0.3204	34.753	903.5	0.3264
8	25.952	884.2	0.2738	28.753	866.6	0.2787	31.388	883.5	0.2840
9	19.818	781.1	0.2435	21.821	767.4	0.2479	23.805	791.5	0.2526
10	5.840	617.3	0.2298	6.400	614.3	0.2340	6.978	622.2	0.2385

	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	6.873	619.4	0.7396	7.110	589.5	0.7396	7.484	597.5	0.7396
2	27.363	756.7	0.7372	28.157	658.1	0.7375	29.331	676.7	0.7379
3	34.773	784.3	0.6787	35.782	678.1	0.6809	37.160	689.0	0.6836
4	36.459	813.6	0.5645	37.674	704.2	0.5705	39.194	703.5	0.5773
5	38.064	858.9	0.4659	39.506	733.9	0.4754	41.209	722.4	0.4854
6	37.882	894.9	0.3934	39.444	750.1	0.4045	41.255	733.9	0.4160
7	36.558	925.2	0.3314	38.215	763.3	0.3428	40.103	742.1	0.3546
8	33.198	926.7	0.2882	34.876	766.1	0.2993	36.784	744.3	0.3111
9	25.217	831.4	0.2562	26.490	712.0	0.2663	28.003	703.1	0.2775
10	7.398	633.0	0.2419	7.736	599.2	0.2505	8.156	598.9	0.2607

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number E7								
	Datapoint 5 (BOC Cy 11)			Datapoint 6 (180 EFPD Cy 11)			Datapoint 7 (BOC Cy 12)		
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)
EFPD	BOC Cy 11	BOC Cy 11	BOC Cy 11	180 Cy 11	180 Cy 11	180 Cy 11	BOC Cy 12	BOC Cy 12	BOC Cy 12
1	0.000		0.7396	0.822	614.7	0.7396	2.625	632.3	0.7396
2	0.000		0.7396	3.854	861.8	0.7396	12.058	961.4	0.7370
3	0.000	Data Not	0.6849	5.849	983.0	0.6896	16.459	1025.6	0.6736
4	0.000	Required	0.5529	6.582	1054.3	0.5669	16.949	1011.5	0.5506
5	0.000		0.4537	6.737	1070.1	0.4556	17.264	1020.7	0.4509
6	0.000		0.3891	6.256	1021.9	0.3781	16.812	1022.4	0.3806
7	0.000		0.3387	5.526	953.0	0.3167	15.879	1010.7	0.3211
8	0.000		0.3083	4.269	845.4	0.2776	13.622	954.9	0.2805
9	0.000		0.2895	3.195	763.9	0.2528	10.368	845.3	0.2517
10	0.000		0.2814	0.905	614.2	0.2419	2.934	632.2	0.2387

	Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)		
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)
EFPD	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13
1	3.464	631.9	0.7396	4.147	628.3	0.7396	4.173	590.0	0.7396
2	15.485	875.7	0.7374	18.137	840.3	0.7377	18.244	684.5	0.7378
3	20.649	933.3	0.6773	23.895	890.4	0.6808	24.044	725.7	0.6812
4	21.237	944.5	0.5581	24.602	905.4	0.5652	24.789	773.6	0.5664
5	21.650	955.9	0.4581	25.109	917.6	0.4659	25.419	958.0	0.4679
6	21.131	948.1	0.3868	24.563	914.1	0.3939	24.963	1112.1	0.3957
7	20.049	931.1	0.3263	23.414	905.5	0.3325	23.769	1030.7	0.3334
8	17.481	896.9	0.2848	20.654	881.4	0.2903	20.949	928.8	0.2909
9	13.230	796.2	0.2555	15.631	791.2	0.2604	15.825	783.7	0.2608
10	3.711	619.0	0.2424	4.383	619.8	0.2471	4.433	614.0	0.2475

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number E7								
	Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)		
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)
EFPD	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13
1	4.769	630.5	0.7396	5.242	610.7	0.7396	5.726	618.1	0.7396
2	20.475	838.1	0.7379	22.220	750.8	0.7383	23.978	776.7	0.7386
3	26.855	899.8	0.6825	29.093	794.8	0.6852	31.464	844.7	0.6876
4	27.854	939.1	0.5697	30.367	828.9	0.5763	32.969	878.5	0.5809
5	28.667	968.1	0.4709	31.379	854.7	0.4797	34.174	908.0	0.4848
6	28.203	966.9	0.3984	30.912	854.2	0.4073	33.790	921.0	0.4119
7	26.951	957.5	0.3357	30.087	913.1	0.3462	33.089	940.7	0.3502
8	23.742	897.4	0.2921	27.000	929.9	0.3018	29.795	908.1	0.3046
9	17.728	774.6	0.2618	20.074	809.3	0.2693	22.110	798.7	0.2715
10	4.944	613.6	0.2485	5.574	621.0	0.2550	6.152	622.2	0.2571

	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	6.055	623.9	0.7396	6.471	613.3	0.7396	7.129	628.0	0.7396
2	25.105	784.8	0.7389	26.524	744.2	0.7393	28.726	794.3	0.7396
3	32.815	816.4	0.6892	34.630	785.7	0.6918	37.448	849.7	0.6938
4	34.432	842.3	0.5842	36.585	835.7	0.5897	39.808	901.3	0.5933
5	35.811	883.2	0.4888	38.307	889.9	0.4953	41.819	940.2	0.4985
6	35.544	912.4	0.4156	38.155	908.8	0.4215	41.691	943.4	0.4237
7	34.914	930.3	0.3531	37.461	898.2	0.3576	40.814	918.5	0.3589
8	31.614	928.7	0.3069	33.969	867.2	0.3107	37.031	880.4	0.3117
9	23.515	829.9	0.2735	25.222	771.0	0.2768	27.469	782.7	0.2779
10	6.563	631.4	0.2590	7.044	615.5	0.2622	7.707	620.9	0.2634

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number E8								
	Datapoint 5 (BOC Cy 11)			Datapoint 6 (180 EFPD Cy 11)			Datapoint 7 (BOC Cy 12)		
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)
EFPD	BOC Cy 11	BOC Cy 11	BOC Cy 11	180 Cy 11	180 Cy 11	180 Cy 11	BOC Cy 12	BOC Cy 12	BOC Cy 12
1	0.000		0.7396	0.701	606.3	0.7396	2.141	617.0	0.7396
2	0.000		0.7396	3.278	809.0	0.7396	9.879	867.3	0.7396
3	0.000	Data Not	0.7025	4.969	903.6	0.7068	13.837	928.9	0.6998
4	0.000	Required	0.5805	5.709	969.5	0.6055	14.783	939.8	0.5968
5	0.000		0.4810	5.964	993.5	0.5023	15.446	961.8	0.4986
6	0.000		0.4133	5.671	966.0	0.4221	15.232	966.1	0.4240
7	0.000		0.3599	5.265	929.4	0.3551	14.696	959.0	0.3589
8	0.000		0.3272	4.147	835.7	0.3094	12.748	915.0	0.3132
9	0.000		0.3070	3.110	757.8	0.2805	9.816	823.1	0.2810
10	0.000		0.2982	0.869	612.1	0.2678	2.776	627.8	0.2665

	Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)		
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)
EFPD	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13
1	3.147	647.2	0.7396	3.950	641.1	0.7396	3.990	607.2	0.7396
2	14.102	1011.7	0.7388	17.311	913.4	0.7384	17.465	744.4	0.7385
3	18.961	1045.7	0.6893	22.972	992.3	0.6872	23.175	795.8	0.6877
4	19.827	1035.6	0.5801	23.957	1009.3	0.5758	24.199	849.4	0.5767
5	20.495	1036.2	0.4811	24.696	1019.6	0.4756	24.977	906.7	0.4767
6	20.215	1027.9	0.4075	24.398	1017.0	0.4017	24.683	913.6	0.4027
7	19.656	1025.0	0.3432	23.812	1013.1	0.3375	24.080	887.6	0.3383
8	17.486	997.8	0.2971	21.432	983.4	0.2913	21.670	843.7	0.2920
9	13.399	868.8	0.2661	16.413	862.9	0.2604	16.582	750.4	0.2610
10	3.789	637.1	0.2523	4.676	639.2	0.2466	4.725	612.4	0.2472

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number E8								
	Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)		
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)
EFPD	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13
1	4.408	608.5	0.7396	4.982	622.2	0.7396	5.637	640.0	0.7396
2	19.043	746.4	0.7391	21.178	800.1	0.7395	23.563	870.4	0.7395
3	25.270	798.7	0.6918	28.115	872.5	0.6940	31.188	952.4	0.6936
4	26.702	854.9	0.5856	29.996	935.0	0.5894	33.213	976.2	0.5883
5	27.881	914.0	0.4868	31.472	978.8	0.4900	34.721	981.6	0.4885
6	27.651	923.8	0.4111	31.181	969.6	0.4131	34.335	965.7	0.4119
7	26.894	900.2	0.3447	30.115	924.5	0.3461	33.055	930.8	0.3453
8	24.172	854.7	0.2975	26.931	861.2	0.2990	29.511	875.4	0.2985
9	18.335	755.4	0.2658	20.228	754.4	0.2674	22.016	765.5	0.2672
10	5.234	613.5	0.2520	5.790	613.9	0.2538	6.324	617.5	0.2539

	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	6.012	633.3	0.7396	6.336	601.0	0.7396	7.021	630.9	0.7396
2	24.892	832.6	0.7396	26.028	717.0	0.7396	28.326	830.1	0.7396
3	32.843	887.5	0.6944	34.312	737.6	0.6963	37.182	856.0	0.6977
4	34.921	900.7	0.5898	36.680	777.7	0.5948	39.889	899.5	0.5976
5	36.513	921.8	0.4902	38.578	822.4	0.4976	42.040	933.2	0.5003
6	36.209	943.2	0.4135	38.393	840.2	0.4214	41.873	935.8	0.4235
7	35.003	962.7	0.3466	37.164	836.9	0.3540	40.495	915.5	0.3557
8	31.425	953.8	0.2995	33.422	812.2	0.3062	36.475	879.2	0.3077
9	23.459	838.9	0.2679	24.880	731.7	0.2737	27.101	779.7	0.2750
10	6.768	637.1	0.2545	7.150	604.2	0.2594	7.797	619.4	0.2608

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number E9								
	Datapoint 5 (BOC Cy 11)			Datapoint 6 (180 EFPD Cy 11)			Datapoint 7 (BOC Cy 12)		
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)
EFPD	BOC Cy 11	BOC Cy 11	BOC Cy 11	180 Cy 11	180 Cy 11	180 Cy 11	BOC Cy 12	BOC Cy 12	BOC Cy 12
1	0.000		0.7396	0.832	615.4	0.7396	2.841	641.1	0.7396
2	0.000		0.7396	3.880	864.2	0.7396	12.775	1004.6	0.7352
3	0.000	Data Not	0.6594	5.964	994.1	0.6881	17.251	1066.0	0.6643
4	0.000	Required	0.5168	7.055	1103.7	0.5596	18.017	1046.4	0.5358
5	0.000		0.4191	7.388	1139.6	0.4399	18.552	1058.5	0.4326
6	0.000		0.3578	6.785	1075.4	0.3592	18.101	1067.7	0.3612
7	0.000		0.3109	5.857	983.8	0.2980	17.072	1061.6	0.3022
8	0.000		0.2826	4.530	866.7	0.2606	14.769	1004.3	0.2623
9	0.000		0.2652	3.466	783.8	0.2368	11.390	882.0	0.2340
10	0.000		0.2576	1.000	619.8	0.2263	3.293	641.8	0.2215

	Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)		
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)
EFPD	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13
1	3.456	611.8	0.7396	3.932	606.7	0.7396	3.988	627.3	0.7396
2	15.233	773.5	0.7367	17.054	741.7	0.7377	17.287	859.9	0.7377
3	20.266	810.1	0.6739	22.491	771.2	0.6806	22.801	952.7	0.6807
4	21.224	829.1	0.5552	23.620	789.9	0.5691	23.951	988.8	0.5693
5	21.976	851.0	0.4558	24.559	811.0	0.4733	24.916	1031.5	0.4732
6	21.573	855.9	0.3839	24.231	819.5	0.4015	24.586	1030.4	0.4013
7	20.511	852.5	0.3232	23.203	823.4	0.3398	23.524	971.1	0.3395
8	18.026	834.1	0.2821	20.638	814.3	0.2979	20.906	888.0	0.2977
9	13.882	761.3	0.2521	15.936	753.3	0.2666	16.113	761.3	0.2664
10	3.986	612.7	0.2382	4.574	612.3	0.2520	4.621	609.8	0.2519

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number E9								
	Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)		
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)
EFPD	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13
1	4.715	647.1	0.7396	5.357	630.0	0.7396	5.877	622.6	0.7396
2	20.093	928.0	0.7376	22.461	831.5	0.7380	24.302	788.8	0.7384
3	26.179	989.5	0.6802	29.103	883.0	0.6828	31.362	828.5	0.6855
4	27.301	984.9	0.5678	30.429	911.1	0.5726	32.888	857.4	0.5781
5	28.274	986.3	0.4711	31.544	931.5	0.4757	34.211	888.3	0.4821
6	27.836	968.4	0.3993	31.064	925.4	0.4032	33.819	901.8	0.4091
7	26.563	934.9	0.3377	29.734	917.3	0.3409	32.512	905.3	0.3459
8	23.573	878.7	0.2960	26.555	891.0	0.2985	29.192	883.9	0.3025
9	17.937	764.5	0.2654	20.087	785.0	0.2675	22.052	789.0	0.2708
10	5.108	611.2	0.2513	5.693	616.6	0.2534	6.245	619.5	0.2565

	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	6.154	613.3	0.7396	6.599	617.2	0.7396	7.380	641.5	0.7396
2	25.240	742.8	0.7387	26.798	764.4	0.7391	29.367	841.0	0.7392
3	32.479	765.9	0.6875	34.532	820.6	0.6902	37.684	891.9	0.6913
4	34.138	794.4	0.5824	36.535	873.8	0.5877	39.879	917.3	0.5894
5	35.657	838.1	0.4877	38.320	917.5	0.4931	41.786	933.8	0.4946
6	35.400	870.0	0.4147	38.099	923.6	0.4191	41.530	929.0	0.4202
7	34.205	897.1	0.3509	36.818	909.1	0.3543	40.106	909.8	0.3551
8	30.910	903.3	0.3068	33.296	872.3	0.3095	36.320	875.5	0.3102
9	23.402	817.3	0.2745	25.085	767.8	0.2769	27.289	777.8	0.2775
10	6.634	627.4	0.2600	7.102	614.2	0.2623	7.747	619.2	0.2631

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number E10								
	Datapoint 5 (BOC Cy 11)			Datapoint 6 (180 EFPD Cy 11)			Datapoint 7 (BOC Cy 12)		
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)
EFPD	BOC Cy 11	BOC Cy 11	BOC Cy 11	180 Cy 11	180 Cy 11	180 Cy 11	BOC Cy 12	BOC Cy 12	BOC Cy 12
1	0.000		0.7396	0.901	620.3	0.7396	2.974	643.8	0.7396
2	0.000		0.7356	4.160	858.8	0.7390	13.088	963.8	0.7346
3	0.000	Data Not	0.6256	6.323	1029.0	0.6805	17.450	1056.2	0.6606
4	0.000	Required	0.4781	7.513	1153.7	0.5409	18.463	1045.6	0.5276
5	0.000		0.3855	7.863	1193.1	0.4178	19.225	1070.6	0.4229
6	0.000		0.3290	7.141	1113.1	0.3393	18.888	1094.4	0.3523
7	0.000		0.2857	6.014	998.8	0.2815	17.873	1101.4	0.2943
8	0.000		0.2595	4.704	881.0	0.2469	15.698	1048.5	0.2544
9	0.000		0.2432	3.656	798.0	0.2243	12.273	917.3	0.2256
10	0.000		0.2357	1.077	624.4	0.2141	3.642	651.9	0.2128

	Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)		
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)
EFPD	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13
1	3.791	629.9	0.7396	4.459	626.7	0.7396	4.517	629.8	0.7396
2	16.409	863.8	0.7355	19.061	840.0	0.7361	19.295	862.2	0.7362
3	21.652	934.9	0.6671	25.066	911.9	0.6717	25.390	975.9	0.6719
4	22.789	949.0	0.5394	26.333	928.7	0.5479	26.681	1017.5	0.5482
5	23.633	958.5	0.4351	27.222	934.6	0.4441	27.575	1025.3	0.4443
6	23.215	949.0	0.3635	26.749	927.4	0.3718	27.084	995.7	0.3720
7	22.020	928.6	0.3042	25.476	917.3	0.3118	25.780	942.7	0.3119
8	19.451	885.6	0.2635	22.641	883.5	0.2704	22.901	875.9	0.2706
9	15.049	788.0	0.2340	17.427	788.7	0.2404	17.602	759.6	0.2405
10	4.426	619.5	0.2209	5.109	620.7	0.2270	5.156	611.4	0.2272

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number E10								
	Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)		
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)
EFPD	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13
1	5.231	645.4	0.7396	5.924	636.0	0.7396	6.480	627.2	0.7396
2	21.928	900.0	0.7364	24.386	843.9	0.7368	26.291	798.0	0.7372
3	28.587	960.0	0.6734	31.639	900.6	0.6762	33.978	839.8	0.6789
4	29.946	970.9	0.5508	33.244	935.5	0.5560	35.780	868.6	0.5618
5	30.913	982.8	0.4468	34.377	959.8	0.4522	37.127	901.0	0.4592
6	30.323	966.6	0.3743	33.719	949.8	0.3790	36.559	914.9	0.3857
7	28.804	932.6	0.3139	32.020	923.6	0.3179	34.876	917.5	0.3237
8	25.578	880.1	0.2724	28.483	880.6	0.2759	31.179	892.9	0.2810
9	19.451	767.7	0.2425	21.505	773.5	0.2457	23.493	792.0	0.2501
10	5.666	613.5	0.2293	6.239	615.5	0.2325	6.809	621.3	0.2366

	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	6.774	616.7	0.7396	6.934	579.5	0.7396	7.284	595.0	0.7396
2	27.259	749.3	0.7375	27.809	626.8	0.7377	28.918	669.9	0.7381
3	35.132	774.0	0.6809	35.826	639.9	0.6824	37.117	680.4	0.6849
4	37.074	804.1	0.5663	37.889	654.5	0.5703	39.319	694.4	0.5766
5	38.631	851.6	0.4652	39.599	673.1	0.4721	41.216	713.5	0.4815
6	38.217	888.7	0.3916	39.309	688.5	0.4013	41.047	726.1	0.4123
7	36.666	921.5	0.3291	38.083	731.0	0.3424	39.928	737.5	0.3544
8	32.987	926.0	0.2858	34.953	807.6	0.3032	37.113	771.9	0.3175
9	24.889	828.0	0.2542	26.440	749.3	0.2694	28.209	729.7	0.2827
10	7.217	630.8	0.2404	7.613	605.9	0.2527	8.102	605.1	0.2646

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number E11								
	Datapoint 5 (BOC Cy 11)			Datapoint 6 (180 EFPD Cy 11)			Datapoint 7 (BOC Cy 12)		
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)
EFPD	BOC Cy 11	BOC Cy 11	BOC Cy 11	180 Cy 11	180 Cy 11	180 Cy 11	BOC Cy 12	BOC Cy 12	BOC Cy 12
1	0.000		0.7396	0.827	615.1	0.7396	2.637	632.6	0.7396
2	0.000		0.7396	3.879	864.1	0.7396	12.112	963.2	0.7370
3	0.000	Data Not	0.6849	5.879	985.8	0.6891	16.514	1027.0	0.6733
4	0.000	Required	0.5529	6.604	1056.5	0.5660	16.991	1012.6	0.5501
5	0.000		0.4538	6.754	1071.9	0.4548	17.299	1021.8	0.4504
6	0.000		0.3891	6.271	1023.4	0.3775	16.848	1023.6	0.3802
7	0.000		0.3388	5.539	954.2	0.3162	15.914	1011.9	0.3208
8	0.000		0.3084	4.278	846.1	0.2771	13.652	956.1	0.2803
9	0.000		0.2896	3.202	764.4	0.2524	10.391	846.1	0.2515
10	0.000		0.2815	0.906	614.3	0.2415	2.941	632.4	0.2384

	Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)		
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)
EFPD	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13
1	3.474	631.7	0.7396	4.155	628.1	0.7396	4.179	587.6	0.7396
2	15.529	874.6	0.7373	18.174	839.5	0.7377	18.274	674.5	0.7378
3	20.695	932.4	0.6771	23.937	889.8	0.6806	24.075	713.0	0.6810
4	21.277	944.3	0.5578	24.642	905.4	0.5651	24.814	755.5	0.5662
5	21.688	956.2	0.4579	25.148	917.7	0.4657	25.442	931.4	0.4680
6	21.169	948.4	0.3866	24.603	914.3	0.3938	24.987	1083.1	0.3959
7	20.086	931.4	0.3261	23.454	905.7	0.3324	23.793	1002.8	0.3336
8	17.514	897.3	0.2847	20.690	881.7	0.2903	20.968	903.3	0.2910
9	13.255	796.4	0.2554	15.657	791.4	0.2604	15.843	773.0	0.2609
10	3.717	619.0	0.2423	4.390	619.8	0.2471	4.437	610.8	0.2476

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number E11								
	Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)		
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)
EFPD	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13
1	4.744	626.6	0.7396	5.136	601.7	0.7396	5.498	602.8	0.7396
2	20.422	826.0	0.7380	21.861	714.0	0.7383	23.162	714.7	0.7387
3	26.734	877.3	0.6829	28.490	738.2	0.6853	30.193	753.8	0.6883
4	27.670	906.6	0.5708	29.622	760.7	0.5774	31.566	785.3	0.5844
5	28.437	927.9	0.4729	30.604	786.1	0.4829	32.815	821.9	0.4924
6	27.972	926.4	0.4008	30.221	796.1	0.4126	32.582	843.1	0.4223
7	26.744	921.2	0.3383	29.531	865.3	0.3542	32.079	870.4	0.3635
8	23.575	869.9	0.2945	26.628	900.9	0.3104	29.099	859.0	0.3181
9	17.663	763.9	0.2638	19.964	803.4	0.2766	21.865	780.2	0.2833
10	4.915	610.3	0.2503	5.516	618.2	0.2610	6.045	617.0	0.2673

	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	5.735	605.2	0.7396	6.171	616.0	0.7396	6.967	643.2	0.7396
2	23.964	713.7	0.7390	25.538	766.8	0.7394	28.253	860.0	0.7394
3	31.135	730.0	0.6902	33.264	832.1	0.6928	36.678	927.0	0.6931
4	32.636	756.2	0.5890	35.162	894.8	0.5937	38.778	954.7	0.5935
5	34.080	797.8	0.4987	36.891	942.7	0.5029	40.585	965.6	0.5016
6	33.984	828.1	0.4290	36.802	944.1	0.4316	40.397	951.6	0.4299
7	33.564	847.4	0.3693	36.222	916.6	0.3706	39.559	916.4	0.3686
8	30.631	858.4	0.3233	33.025	873.5	0.3242	36.020	871.8	0.3224
9	23.118	795.7	0.2881	24.802	767.9	0.2890	26.943	770.7	0.2878
10	6.406	622.6	0.2720	6.878	614.4	0.2731	7.501	617.3	0.2721

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number E12								
	Datapoint 5 (BOC Cy 11)			Datapoint 6 (180 EFPD Cy 11)			Datapoint 7 (BOC Cy 12)		
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)
EFPD	BOC Cy 11	BOC Cy 11	BOC Cy 11	180 Cy 11	180 Cy 11	180 Cy 11	BOC Cy 12	BOC Cy 12	BOC Cy 12
1	0.000		0.7396	0.864	617.7	0.7396	2.851	640.1	0.7396
2	0.000		0.7396	4.021	877.6	0.7388	12.706	949.8	0.7353
3	0.000	Data Not	0.6564	6.090	1006.1	0.6805	17.037	1045.4	0.6647
4	0.000	Required	0.5131	7.017	1099.5	0.5505	17.851	1038.8	0.5357
5	0.000		0.4153	7.294	1129.3	0.4363	18.539	1063.4	0.4330
6	0.000		0.3540	6.807	1077.6	0.3585	18.245	1075.2	0.3622
7	0.000		0.3071	6.089	1005.9	0.2980	17.464	1071.4	0.3031
8	0.000		0.2789	4.731	883.4	0.2590	15.210	1018.1	0.2623
9	0.000		0.2616	3.533	788.9	0.2345	11.616	890.0	0.2336
10	0.000		0.2541	1.005	620.1	0.2237	3.345	643.6	0.2208

	Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)		
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)
EFPD	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13
1	3.752	637.5	0.7396	4.443	629.1	0.7396	4.505	634.9	0.7396
2	16.351	900.6	0.7358	19.079	849.6	0.7363	19.321	872.6	0.7363
3	21.565	972.5	0.6686	25.052	921.4	0.6726	25.367	961.7	0.6728
4	22.436	979.3	0.5425	26.080	941.9	0.5498	26.420	1003.6	0.5501
5	23.172	985.0	0.4395	26.886	951.4	0.4470	27.244	1034.2	0.4472
6	22.784	973.8	0.3680	26.456	945.8	0.3748	26.802	1012.9	0.3749
7	21.823	952.8	0.3081	25.432	937.3	0.3141	25.748	963.3	0.3142
8	19.214	912.8	0.2670	22.593	907.4	0.2723	22.868	898.5	0.2724
9	14.617	809.7	0.2381	17.173	808.8	0.2429	17.358	772.7	0.2430
10	4.201	624.9	0.2253	4.941	625.9	0.2300	4.992	614.0	0.2302

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number E12								
	Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)		
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)
EFPD	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13
1	5.199	642.9	0.7396	5.971	645.2	0.7396	6.584	634.6	0.7396
2	21.911	893.3	0.7366	24.694	889.8	0.7368	26.826	831.6	0.7369
3	28.588	963.7	0.6742	32.107	968.1	0.6756	34.736	882.6	0.6769
4	29.802	990.1	0.5522	33.570	1006.1	0.5540	36.330	902.5	0.5572
5	30.754	1011.7	0.4487	34.629	1023.1	0.4499	37.547	927.3	0.4544
6	30.212	994.9	0.3760	33.943	1000.4	0.3767	37.028	954.4	0.3820
7	28.926	956.9	0.3149	32.382	958.7	0.3155	35.683	990.5	0.3206
8	25.690	901.8	0.2731	28.736	900.0	0.2736	31.757	944.3	0.2772
9	19.290	778.4	0.2439	21.379	777.7	0.2446	23.518	813.1	0.2473
10	5.523	615.8	0.2312	6.105	616.4	0.2321	6.716	625.7	0.2345

	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	6.935	628.4	0.7396	7.301	606.6	0.7396	7.737	604.1	0.7396
2	27.983	791.9	0.7371	29.217	717.6	0.7375	30.586	697.8	0.7379
3	36.103	820.0	0.6783	37.654	748.8	0.6813	39.256	711.8	0.6842
4	37.809	845.9	0.5606	39.541	773.9	0.5673	41.318	730.3	0.5745
5	39.194	885.8	0.4588	41.094	797.9	0.4676	43.094	754.2	0.4779
6	38.834	925.6	0.3866	40.795	806.8	0.3957	42.905	766.4	0.4069
7	37.717	985.8	0.3250	39.751	817.7	0.3336	41.922	773.2	0.3445
8	33.860	1004.9	0.2810	35.946	825.5	0.2895	38.187	781.1	0.3004
9	25.093	870.0	0.2500	26.658	751.3	0.2578	28.480	735.4	0.2684
10	7.177	640.3	0.2370	7.599	608.8	0.2439	8.114	607.4	0.2539

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number E13								
	Datapoint 5 (BOC Cy 11)			Datapoint 6 (180 EFPD Cy 11)			Datapoint 7 (BOC Cy 12)		
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)
EFPD	BOC Cy 11	BOC Cy 11	BOC Cy 11	180 Cy 11	180 Cy 11	180 Cy 11	BOC Cy 12	BOC Cy 12	BOC Cy 12
1	0.000		0.7396	0.707	606.7	0.7396	2.156	617.4	0.7396
2	0.000		0.7396	3.303	811.2	0.7396	9.941	869.3	0.7396
3	0.000	Data Not	0.7025	5.000	906.3	0.7061	13.902	930.7	0.6991
4	0.000	Required	0.5806	5.731	971.6	0.6040	14.829	941.1	0.5956
5	0.000		0.4811	5.981	995.1	0.5007	15.483	962.9	0.4973
6	0.000		0.4134	5.686	967.4	0.4207	15.268	967.3	0.4229
7	0.000		0.3600	5.279	930.6	0.3539	14.732	960.2	0.3579
8	0.000		0.3273	4.158	836.6	0.3083	12.779	916.1	0.3123
9	0.000		0.3070	3.119	758.4	0.2795	9.840	823.8	0.2802
10	0.000		0.2982	0.872	612.2	0.2669	2.783	628.0	0.2657

	Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)		
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)
EFPD	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13
1	3.130	644.2	0.7396	3.966	644.6	0.7396	4.010	612.2	0.7396
2	13.950	982.6	0.7392	17.224	922.4	0.7387	17.396	768.9	0.7387
3	18.680	1002.5	0.6920	22.662	988.2	0.6892	22.894	836.5	0.6896
4	19.479	987.0	0.5849	23.462	988.4	0.5801	23.737	898.9	0.5809
5	20.183	992.9	0.4862	24.198	993.0	0.4809	24.511	958.3	0.4816
6	20.008	997.8	0.4120	24.031	994.1	0.4069	24.345	959.4	0.4074
7	19.573	1010.3	0.3470	23.632	999.1	0.3418	23.921	920.5	0.3422
8	17.498	995.4	0.3002	21.454	984.7	0.2948	21.703	860.2	0.2952
9	13.454	872.0	0.2684	16.539	871.4	0.2630	16.709	752.5	0.2633
10	3.831	639.8	0.2542	4.770	643.8	0.2485	4.819	613.5	0.2489

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number E13								
	Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)		
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)
EFPD	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13
1	4.522	620.0	0.7396	5.146	628.0	0.7396	5.812	641.4	0.7396
2	19.344	797.1	0.7392	21.692	828.6	0.7395	24.131	878.9	0.7393
3	25.452	862.7	0.6923	28.602	914.4	0.6935	31.743	963.5	0.6929
4	26.639	913.7	0.5860	30.185	972.1	0.5875	33.456	985.3	0.5860
5	27.683	955.9	0.4863	31.411	999.9	0.4867	34.735	994.3	0.4848
6	27.485	950.8	0.4108	31.081	979.6	0.4105	34.366	987.7	0.4087
7	26.846	917.2	0.3447	30.147	936.0	0.3443	33.304	966.2	0.3426
8	24.260	862.8	0.2974	27.119	874.5	0.2974	29.940	912.4	0.2959
9	18.454	754.4	0.2655	20.383	758.8	0.2658	22.339	787.9	0.2647
10	5.317	612.3	0.2512	5.871	613.6	0.2519	6.449	622.2	0.2510

	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	6.239	644.2	0.7396	6.640	611.3	0.7396	7.321	630.5	0.7396
2	25.618	872.1	0.7394	26.997	754.9	0.7396	29.258	825.0	0.7396
3	33.535	922.2	0.6930	35.311	780.0	0.6954	38.147	851.8	0.6969
4	35.289	932.4	0.5865	37.399	829.3	0.5918	40.601	898.5	0.5950
5	36.679	961.5	0.4854	39.118	880.5	0.4921	42.588	934.4	0.4954
6	36.409	988.3	0.4091	38.942	895.7	0.4153	42.428	936.6	0.4181
7	35.431	1011.6	0.3427	37.906	886.3	0.3481	41.231	914.8	0.3503
8	32.007	995.0	0.2956	34.281	854.3	0.3005	37.321	877.6	0.3024
9	23.871	859.9	0.2643	25.493	759.2	0.2684	27.709	779.1	0.2703
10	6.919	641.7	0.2505	7.370	612.1	0.2543	8.017	619.5	0.2561

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number E14								
	Datapoint 5 (BOC Cy 11)			Datapoint 6 (180 EFPD Cy 11)			Datapoint 7 (BOC Cy 12)		
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)
EFPD	BOC Cy 11	BOC Cy 11	BOC Cy 11	180 Cy 11	180 Cy 11	180 Cy 11	BOC Cy 12	BOC Cy 12	BOC Cy 12
1	0.000		0.7396	0.880	618.8	0.7396	2.970	644.6	0.7396
2	0.000		0.7356	4.094	853.0	0.7392	13.127	969.9	0.7344
3	0.000	Data Not	0.6256	6.280	1024.8	0.6816	17.533	1063.9	0.6596
4	0.000	Required	0.4778	7.520	1154.5	0.5424	18.539	1049.8	0.5263
5	0.000		0.3848	7.913	1199.0	0.4185	19.345	1074.9	0.4211
6	0.000		0.3280	7.209	1120.5	0.3391	19.063	1101.1	0.3501
7	0.000		0.2844	6.053	1002.6	0.2810	18.051	1110.3	0.2921
8	0.000		0.2581	4.665	877.8	0.2463	15.807	1057.4	0.2524
9	0.000		0.2416	3.587	792.8	0.2241	12.307	922.8	0.2237
10	0.000		0.2340	1.052	623.0	0.2140	3.647	652.9	0.2109

	Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)		
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)
EFPD	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13
1	3.699	621.9	0.7396	4.277	617.2	0.7396	4.326	618.4	0.7396
2	16.053	821.3	0.7356	18.281	788.5	0.7366	18.479	805.9	0.7367
3	21.148	870.8	0.6680	23.917	832.5	0.6745	24.178	877.9	0.6749
4	22.310	887.4	0.5428	25.237	851.1	0.5552	25.524	916.2	0.5560
5	23.267	903.6	0.4395	26.326	867.2	0.4537	26.634	950.1	0.4544
6	22.974	902.5	0.3675	26.056	869.9	0.3811	26.361	945.3	0.3818
7	21.872	892.7	0.3079	24.947	869.1	0.3205	25.225	903.4	0.3210
8	19.365	864.9	0.2670	22.290	851.0	0.2788	22.526	840.9	0.2792
9	14.973	777.6	0.2370	17.211	773.1	0.2477	17.372	741.6	0.2481
10	4.391	616.5	0.2233	5.032	616.9	0.2334	5.075	606.1	0.2338

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number E14								
	Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)		
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)
EFPD	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13
1	4.938	632.5	0.7396	5.462	616.5	0.7396	5.862	607.5	0.7396
2	20.765	846.5	0.7372	22.638	766.9	0.7378	24.013	724.5	0.7383
3	26.922	889.7	0.6778	29.202	799.9	0.6819	30.860	748.0	0.6853
4	28.317	897.2	0.5614	30.815	827.1	0.5701	32.673	773.9	0.5777
5	29.495	907.3	0.4605	32.201	853.9	0.4710	34.308	807.3	0.4813
6	29.166	899.0	0.3874	31.906	858.4	0.3976	34.156	827.2	0.4084
7	27.876	876.2	0.3261	30.606	856.9	0.3353	32.936	838.6	0.3453
8	24.886	834.8	0.2839	27.491	840.9	0.2924	29.769	831.2	0.3015
9	19.041	744.9	0.2525	20.990	761.0	0.2601	22.762	763.1	0.2683
10	5.534	608.3	0.2381	6.080	613.0	0.2453	6.591	615.0	0.2531

	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	6.066	598.6	0.7396	6.355	596.4	0.7396	6.904	616.1	0.7396
2	24.687	687.1	0.7385	25.810	701.7	0.7389	27.709	757.7	0.7392
3	31.650	700.4	0.6869	33.590	803.8	0.6899	35.971	797.2	0.6924
4	33.583	723.8	0.5821	36.080	890.3	0.5885	38.641	818.3	0.5937
5	35.409	762.6	0.4881	38.251	948.3	0.4946	40.927	832.1	0.5008
6	35.414	796.2	0.4162	38.263	949.5	0.4209	40.914	829.1	0.4271
7	34.331	826.6	0.3530	37.044	926.1	0.3563	39.578	815.1	0.3618
8	31.227	841.0	0.3088	33.717	888.8	0.3113	36.026	789.0	0.3163
9	23.957	783.2	0.2750	25.765	785.5	0.2775	27.415	717.4	0.2821
10	6.944	621.1	0.2594	7.446	618.0	0.2616	7.899	601.9	0.2659

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number F1								
	Datapoint 5 (BOC Cy 11)			Datapoint 6 (180 EFPD Cy 11)			Datapoint 7 (BOC Cy 12)		
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)
EFPD	BOC Cy 11	BOC Cy 11	BOC Cy 11	180 Cy 11	180 Cy 11	180 Cy 11	BOC Cy 12	BOC Cy 12	BOC Cy 12
1	0.000		0.7396	0.982	626.0	0.7396	3.035	643.0	0.7396
2	0.000		0.7310	4.205	862.8	0.7388	12.824	946.2	0.7352
3	0.000	Data Not	0.6096	6.423	1039.2	0.6801	17.247	1038.3	0.6637
4	0.000	Required	0.4659	7.492	1151.4	0.5393	18.203	1031.6	0.5316
5	0.000		0.3788	7.631	1166.9	0.4180	18.887	1064.3	0.4273
6	0.000		0.3252	6.929	1090.7	0.3418	18.722	1097.6	0.3569
7	0.000		0.2831	5.808	979.4	0.2853	17.851	1113.3	0.2984
8	0.000		0.2569	4.449	860.1	0.2516	15.642	1060.7	0.2579
9	0.000		0.2404	3.269	769.3	0.2305	12.005	923.8	0.2288
10	0.000		0.2326	1.010	620.4	0.2211	3.694	656.3	0.2156

	Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)		
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)
EFPD	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13
1	3.559	603.8	0.7396	3.961	599.1	0.7396	3.989	592.5	0.7396
2	14.913	737.6	0.7368	16.473	712.9	0.7377	16.589	695.7	0.7377
3	19.859	771.9	0.6740	21.827	744.0	0.6807	21.990	741.9	0.6812
4	21.014	790.6	0.5534	23.162	762.9	0.5684	23.356	783.7	0.5695
5	21.919	811.8	0.4545	24.244	782.2	0.4737	24.555	958.0	0.4756
6	21.819	818.2	0.3839	24.220	790.5	0.4036	24.615	1102.8	0.4051
7	20.944	817.8	0.3235	23.391	795.7	0.3424	23.739	1018.0	0.3430
8	18.582	803.0	0.2820	20.962	788.1	0.3001	21.248	915.8	0.3005
9	14.298	743.3	0.2514	16.192	736.5	0.2684	16.381	777.1	0.2687
10	4.336	608.8	0.2355	4.878	608.2	0.2511	4.926	612.4	0.2513

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number F1								
	Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)		
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)
EFPD	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13
1	4.608	633.4	0.7396	5.068	609.3	0.7396	5.505	612.2	0.7396
2	18.958	858.9	0.7378	20.661	745.7	0.7382	22.240	751.8	0.7386
3	24.934	920.3	0.6822	27.053	780.5	0.6849	29.139	804.7	0.6879
4	26.443	942.5	0.5717	28.758	804.3	0.5784	31.061	834.8	0.5845
5	27.729	956.5	0.4772	30.216	825.7	0.4861	32.727	865.1	0.4932
6	27.746	949.6	0.4065	30.248	827.6	0.4160	32.863	880.5	0.4226
7	26.813	940.4	0.3444	29.777	889.3	0.3560	32.543	903.6	0.3620
8	23.946	883.4	0.3010	27.094	914.2	0.3118	29.719	882.1	0.3163
9	18.237	768.6	0.2691	20.556	805.9	0.2777	22.524	789.4	0.2814
10	5.427	612.6	0.2522	6.050	620.5	0.2594	6.613	620.5	0.2631

	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	5.793	615.5	0.7396	6.263	620.6	0.7396	7.009	637.7	0.7396
2	23.217	751.4	0.7389	24.858	777.0	0.7393	27.330	828.4	0.7395
3	30.297	774.5	0.6899	32.397	827.8	0.6924	35.445	878.6	0.6937
4	32.332	799.2	0.5887	34.715	871.6	0.5933	37.994	908.7	0.5954
5	34.177	839.1	0.4984	36.806	912.0	0.5029	40.248	930.6	0.5043
6	34.431	867.1	0.4275	37.102	918.8	0.4310	40.520	927.5	0.4317
7	34.188	885.6	0.3660	36.753	901.1	0.3683	39.996	904.1	0.3685
8	31.385	890.7	0.3198	33.725	864.9	0.3216	36.693	868.6	0.3216
9	23.849	811.8	0.2844	25.516	765.5	0.2861	27.688	774.2	0.2864
10	7.003	627.6	0.2661	7.479	615.0	0.2680	8.128	619.7	0.2686

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number F2								
	Datapoint 5 (BOC Cy 11)			Datapoint 6 (180 EFPD Cy 11)			Datapoint 7 (BOC Cy 12)		
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)
EFPD	BOC Cy 11	BOC Cy 11	BOC Cy 11	180 Cy 11	180 Cy 11	180 Cy 11	BOC Cy 12	BOC Cy 12	BOC Cy 12
1	0.000		0.7396	1.204	642.0	0.7396	3.222	641.5	0.7396
2	0.000		0.7194	5.092	943.9	0.7347	13.554	937.4	0.7334
3	0.000	Data Not	0.5693	7.321	1132.8	0.6549	17.895	1023.6	0.6525
4	0.000	Required	0.4271	7.819	1188.3	0.5027	18.562	1033.6	0.5160
5	0.000		0.3477	7.862	1193.3	0.3882	19.271	1073.7	0.4154
6	0.000		0.2997	7.121	1111.2	0.3185	19.099	1109.2	0.3487
7	0.000		0.2618	5.940	992.0	0.2669	18.185	1126.3	0.2929
8	0.000		0.2375	4.497	864.1	0.2361	15.869	1071.6	0.2541
9	0.000		0.2211	3.252	768.1	0.2172	12.125	931.0	0.2258
10	0.000		0.2139	1.013	620.6	0.2088	3.752	658.3	0.2126

	Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)		
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)
EFPD	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13
1	4.091	634.6	0.7396	4.801	631.1	0.7396	4.857	627.3	0.7396
2	17.027	880.7	0.7344	19.841	860.7	0.7351	20.050	822.3	0.7351
3	22.368	966.2	0.6596	26.083	951.7	0.6644	26.353	891.6	0.6648
4	23.166	981.6	0.5277	27.018	970.3	0.5356	27.324	947.7	0.5364
5	23.909	985.7	0.4261	27.752	969.0	0.4335	28.084	990.9	0.4343
6	23.604	970.0	0.3577	27.341	954.5	0.3641	27.667	980.6	0.3647
7	22.465	943.8	0.3004	26.091	939.7	0.3060	26.394	942.3	0.3065
8	19.708	895.0	0.2610	23.024	899.5	0.2659	23.292	887.9	0.2664
9	14.969	794.6	0.2324	17.428	798.0	0.2370	17.611	769.6	0.2374
10	4.575	622.5	0.2190	5.291	623.7	0.2235	5.343	615.1	0.2239

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number F2								
	Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)		
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)
EFPD	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13
1	5.477	633.5	0.7396	6.200	639.5	0.7396	6.808	633.9	0.7396
2	22.278	838.0	0.7357	24.800	852.7	0.7361	26.856	820.2	0.7364
3	29.159	899.2	0.6684	32.389	926.0	0.6713	34.950	872.4	0.6734
4	30.417	943.4	0.5431	33.993	976.8	0.5480	36.709	895.8	0.5523
5	31.389	977.5	0.4408	35.128	1001.7	0.4451	37.998	919.9	0.4505
6	30.919	968.9	0.3699	34.540	983.6	0.3733	37.572	945.9	0.3792
7	29.457	938.8	0.3106	32.819	944.8	0.3132	36.062	980.8	0.3189
8	26.032	889.6	0.2698	28.986	887.4	0.2721	31.946	934.4	0.2762
9	19.508	773.9	0.2405	21.535	770.4	0.2427	23.630	806.9	0.2460
10	5.873	615.8	0.2269	6.449	615.8	0.2292	7.059	625.8	0.2323

	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	7.171	630.9	0.7396	7.346	581.5	0.7396	7.619	587.0	0.7396
2	28.024	794.6	0.7366	28.573	626.7	0.7368	29.385	639.3	0.7371
3	36.330	823.3	0.6749	37.004	637.7	0.6764	37.927	644.9	0.6783
4	38.190	846.4	0.5558	39.015	655.8	0.5600	40.050	655.5	0.5650
5	39.636	883.9	0.4550	40.659	679.8	0.4624	41.873	672.9	0.4707
6	39.369	923.5	0.3838	40.542	698.7	0.3940	41.905	687.7	0.4049
7	38.092	984.9	0.3233	39.391	715.1	0.3352	40.883	700.6	0.3480
8	34.045	1004.2	0.2800	35.410	723.7	0.2931	36.989	709.5	0.3072
9	25.207	870.7	0.2488	26.291	687.8	0.2616	27.600	682.4	0.2760
10	7.535	642.7	0.2348	7.821	593.5	0.2454	8.182	593.6	0.2581

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number F3								
	Datapoint 5 (BOC Cy 11)			Datapoint 6 (180 EFPD Cy 11)			Datapoint 7 (BOC Cy 12)		
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)
EFPD	BOC Cy 11	BOC Cy 11	BOC Cy 11	180 Cy 11	180 Cy 11	180 Cy 11	BOC Cy 12	BOC Cy 12	BOC Cy 12
1	0.000		0.7396	0.924	621.9	0.7396	2.926	640.8	0.7396
2	0.000		0.7390	3.973	873.1	0.7396	12.454	978.4	0.7360
3	0.000	Data Not	0.6431	6.061	1003.5	0.6877	16.881	1038.1	0.6678
4	0.000	Required	0.4998	7.095	1108.1	0.5538	17.892	1036.7	0.5378
5	0.000		0.4062	7.317	1132.0	0.4341	18.500	1059.8	0.4343
6	0.000		0.3483	6.652	1061.9	0.3566	18.125	1077.6	0.3640
7	0.000		0.3035	5.651	964.6	0.2985	17.144	1078.8	0.3054
8	0.000		0.2760	4.561	869.2	0.2630	15.153	1024.9	0.2648
9	0.000		0.2589	3.529	788.6	0.2392	11.827	901.0	0.2354
10	0.000		0.2513	1.092	625.4	0.2281	3.612	650.2	0.2220

	Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)		
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)
EFPD	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13
1	3.849	639.5	0.7396	4.624	638.1	0.7396	4.669	613.4	0.7396
2	16.145	905.9	0.7362	19.163	887.5	0.7365	19.333	767.1	0.7365
3	21.470	979.9	0.6705	25.334	972.2	0.6726	25.556	820.4	0.6731
4	22.532	986.0	0.5431	26.552	993.7	0.5467	26.809	871.4	0.5478
5	23.206	993.9	0.4394	27.294	1003.4	0.4426	27.584	921.5	0.4438
6	22.825	993.2	0.3683	26.911	1003.1	0.3709	27.202	924.2	0.3719
7	21.969	1008.5	0.3086	26.071	1005.5	0.3103	26.345	896.3	0.3111
8	19.872	995.6	0.2666	23.782	978.4	0.2676	24.023	849.1	0.2684
9	15.428	870.8	0.2366	18.431	861.7	0.2374	18.603	754.3	0.2380
10	4.692	642.4	0.2232	5.623	643.1	0.2240	5.674	613.5	0.2246

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number F3								
	Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)		
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)
EFPD	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13
1	5.141	615.1	0.7396	5.769	628.4	0.7396	6.420	639.5	0.7396
2	21.062	766.8	0.7373	23.281	811.5	0.7378	25.498	844.5	0.7380
3	27.786	817.0	0.6778	30.630	872.3	0.6810	33.393	903.3	0.6825
4	29.407	868.7	0.5575	32.641	926.5	0.5637	35.570	929.1	0.5668
5	30.537	921.6	0.4549	34.047	966.8	0.4612	37.069	944.0	0.4646
6	30.203	929.0	0.3815	33.668	960.1	0.3867	36.650	937.6	0.3899
7	29.199	906.5	0.3189	32.395	921.0	0.3230	35.220	912.9	0.3259
8	26.558	859.6	0.2750	29.315	861.0	0.2787	31.825	865.0	0.2814
9	20.392	759.9	0.2438	22.305	756.9	0.2473	24.077	763.4	0.2499
10	6.193	614.6	0.2301	6.758	614.8	0.2336	7.292	617.4	0.2363

	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	6.757	625.5	0.7396	6.975	587.0	0.7396	7.222	584.3	0.7396
2	26.612	782.2	0.7383	27.304	644.9	0.7385	28.043	631.9	0.7388
3	34.759	820.2	0.6843	35.587	655.9	0.6860	36.416	636.1	0.6875
4	37.035	842.8	0.5704	37.985	670.9	0.5750	38.915	645.6	0.5793
5	38.667	874.2	0.4691	39.793	692.9	0.4769	40.903	662.7	0.4843
6	38.361	901.6	0.3943	39.634	711.7	0.4046	40.912	679.2	0.4151
7	37.035	927.9	0.3300	38.477	734.0	0.3421	39.934	697.1	0.3552
8	33.650	930.6	0.2851	35.206	749.4	0.2980	36.827	713.9	0.3130
9	25.493	832.5	0.2531	26.735	708.0	0.2653	28.150	693.0	0.2810
10	7.732	636.4	0.2393	8.071	599.5	0.2496	8.474	597.4	0.2635

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number F4								
	Datapoint 5 (BOC Cy 11)			Datapoint 6 (180 EFPD Cy 11)			Datapoint 7 (BOC Cy 12)		
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)
EFPD	BOC Cy 11	BOC Cy 11	BOC Cy 11	180 Cy 11	180 Cy 11	180 Cy 11	BOC Cy 12	BOC Cy 12	BOC Cy 12
1	0.000		0.7396	0.864	617.7	0.7396	2.844	639.9	0.7396
2	0.000		0.7396	3.790	856.0	0.7396	12.538	995.7	0.7358
3	0.000	Data Not	0.6854	5.868	985.1	0.6923	17.169	1067.0	0.6669
4	0.000	Required	0.5541	6.741	1070.8	0.5681	17.622	1041.8	0.5409
5	0.000		0.4556	6.909	1088.3	0.4534	17.827	1043.9	0.4410
6	0.000		0.3912	6.323	1028.8	0.3748	17.265	1045.3	0.3711
7	0.000		0.3411	5.428	944.3	0.3140	16.149	1032.3	0.3126
8	0.000		0.3107	4.195	839.6	0.2764	13.815	969.7	0.2730
9	0.000		0.2919	3.147	760.5	0.2524	10.492	853.8	0.2449
10	0.000		0.2836	0.958	617.3	0.2417	3.109	636.6	0.2321

	Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)		
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)
EFPD	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13
1	3.494	614.9	0.7396	4.007	610.5	0.7396	4.054	615.9	0.7396
2	15.138	787.8	0.7372	17.117	759.5	0.7382	17.310	799.3	0.7382
3	20.405	832.1	0.6759	22.884	799.2	0.6822	23.148	881.0	0.6825
4	21.081	854.6	0.5589	23.762	822.2	0.5718	24.047	914.2	0.5725
5	21.481	875.0	0.4616	24.327	841.6	0.4770	24.617	920.0	0.4775
6	20.938	877.0	0.3906	23.830	847.0	0.4055	24.105	898.3	0.4060
7	19.756	870.1	0.3302	22.658	848.2	0.3439	22.908	861.5	0.3443
8	17.174	844.5	0.2892	19.940	832.2	0.3019	20.156	812.9	0.3023
9	13.025	765.2	0.2595	15.152	761.2	0.2710	15.306	732.4	0.2714
10	3.800	612.6	0.2453	4.397	613.1	0.2560	4.439	605.6	0.2564

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number F4								
	Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)		
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)
EFPD	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13
1	4.602	624.5	0.7396	5.069	610.1	0.7396	5.400	599.0	0.7396
2	19.354	811.1	0.7388	21.014	740.6	0.7394	22.143	704.3	0.7396
3	25.608	848.8	0.6858	27.608	766.3	0.6899	28.948	708.7	0.6928
4	26.597	861.6	0.5787	28.834	794.7	0.5878	30.374	733.2	0.5951
5	27.269	876.4	0.4844	29.767	827.1	0.4959	31.585	768.7	0.5068
6	26.729	872.3	0.4124	29.299	836.3	0.4236	31.300	793.0	0.4358
7	25.401	853.5	0.3500	27.940	832.3	0.3600	30.060	809.2	0.3718
8	22.402	819.2	0.3073	24.802	814.8	0.3165	26.934	810.9	0.3275
9	16.944	740.9	0.2761	18.770	746.6	0.2844	20.489	756.3	0.2944
10	4.893	607.8	0.2610	5.406	609.7	0.2688	5.901	613.4	0.2782

	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	5.564	590.7	0.7396	6.033	620.5	0.7396	6.676	626.4	0.7396
2	22.685	668.6	0.7396	24.286	791.3	0.7396	26.445	811.3	0.7396
3	29.576	670.0	0.6941	31.580	813.2	0.6961	34.343	843.0	0.6981
4	31.110	690.3	0.5988	33.409	858.3	0.6025	36.564	892.5	0.6057
5	32.516	728.0	0.5132	35.112	906.5	0.5167	38.542	928.9	0.5189
6	32.407	764.1	0.4440	35.110	924.2	0.4466	38.569	933.1	0.4474
7	31.332	799.3	0.3806	34.025	922.7	0.3822	37.383	919.3	0.3820
8	28.297	819.3	0.3360	30.811	893.1	0.3367	33.912	885.5	0.3358
9	21.642	774.1	0.3023	23.474	789.0	0.3027	25.758	787.0	0.3019
10	6.241	618.9	0.2856	6.764	620.4	0.2859	7.438	621.9	0.2853

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number F5								
	Datapoint 5 (BOC Cy 11)			Datapoint 6 (180 EFPD Cy 11)			Datapoint 7 (BOC Cy 12)		
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)
EFPD	BOC Cy 11	BOC Cy 11	BOC Cy 11	180 Cy 11	180 Cy 11	180 Cy 11	BOC Cy 12	BOC Cy 12	BOC Cy 12
1	0.000		0.7396	0.911	621.0	0.7396	2.999	644.5	0.7396
2	0.000		0.7396	3.884	864.6	0.7396	12.632	995.1	0.7353
3	0.000	Data Not	0.6500	6.000	997.8	0.6892	17.063	1052.5	0.6641
4	0.000	Required	0.5085	7.167	1115.9	0.5554	18.116	1045.8	0.5337
5	0.000		0.4131	7.482	1150.2	0.4339	18.878	1072.9	0.4299
6	0.000		0.3529	6.840	1081.4	0.3548	18.668	1099.8	0.3590
7	0.000		0.3061	5.769	975.7	0.2960	17.736	1108.5	0.3002
8	0.000		0.2774	4.516	865.6	0.2607	15.551	1051.2	0.2597
9	0.000		0.2597	3.409	779.6	0.2379	11.975	915.0	0.2306
10	0.000		0.2519	1.058	623.3	0.2274	3.665	653.4	0.2174

	Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)		
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)
EFPD	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13
1	3.962	643.2	0.7396	4.874	652.9	0.7396	4.903	593.7	0.7396
2	16.481	924.4	0.7355	20.037	962.0	0.7352	20.148	689.6	0.7353
3	21.910	1011.2	0.6662	26.389	1061.2	0.6654	26.541	728.9	0.6659
4	22.992	1014.6	0.5370	27.425	1054.2	0.5354	27.607	767.9	0.5367
5	23.802	1020.7	0.4329	28.167	1043.8	0.4314	28.375	801.2	0.4331
6	23.564	1017.1	0.3615	27.842	1031.0	0.3603	28.049	800.5	0.3620
7	22.647	1018.9	0.3019	26.876	1023.8	0.3007	27.072	786.2	0.3022
8	20.232	991.0	0.2605	24.227	990.5	0.2592	24.495	889.6	0.2611
9	15.502	863.1	0.2312	18.523	863.9	0.2301	18.748	827.3	0.2318
10	4.744	642.3	0.2182	5.687	644.2	0.2172	5.747	624.2	0.2185

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number F5								
	Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)		
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)
EFPD	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13
1	5.211	595.2	0.7396	5.576	598.7	0.7396	6.071	619.5	0.7396
2	21.308	692.7	0.7359	22.681	706.1	0.7366	24.446	777.7	0.7371
3	28.093	730.0	0.6707	29.975	752.6	0.6757	32.197	823.5	0.6786
4	29.453	766.4	0.5484	31.675	792.9	0.5598	34.052	845.5	0.5658
5	30.466	798.4	0.4487	32.901	819.2	0.4629	35.408	864.3	0.4698
6	30.157	800.5	0.3773	32.548	813.8	0.3909	35.088	869.3	0.3974
7	29.170	799.2	0.3164	31.393	793.0	0.3282	33.891	863.1	0.3339
8	26.988	853.8	0.2767	29.005	768.5	0.2871	31.350	840.9	0.2921
9	20.944	813.2	0.2469	22.319	696.8	0.2555	24.165	772.9	0.2606
10	6.363	624.8	0.2313	6.742	597.1	0.2391	7.295	619.4	0.2441

	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	6.515	647.8	0.7396	6.661	577.7	0.7396	6.875	580.8	0.7396
2	25.910	866.5	0.7372	26.371	615.9	0.7374	27.016	622.4	0.7376
3	33.897	899.1	0.6797	34.448	623.4	0.6809	35.174	626.4	0.6824
4	35.810	913.6	0.5677	36.459	634.8	0.5710	37.276	634.9	0.5751
5	37.301	948.2	0.4717	38.090	651.4	0.4775	39.063	649.7	0.4843
6	37.097	979.2	0.3989	38.029	668.7	0.4075	39.155	664.3	0.4173
7	35.999	1006.5	0.3350	37.176	699.4	0.3473	38.484	682.2	0.3600
8	33.376	983.9	0.2925	34.789	730.0	0.3075	36.282	700.8	0.3226
9	25.669	853.3	0.2608	26.837	698.4	0.2753	28.146	682.4	0.2911
10	7.756	640.3	0.2443	8.072	596.8	0.2565	8.446	594.8	0.2707

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number F6								
	Datapoint 5 (BOC Cy 11)			Datapoint 6 (180 EFPD Cy 11)			Datapoint 7 (BOC Cy 12)		
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)
EFPD	BOC Cy 11	BOC Cy 11	BOC Cy 11	180 Cy 11	180 Cy 11	180 Cy 11	BOC Cy 12	BOC Cy 12	BOC Cy 12
1	0.000		0.7396	0.950	623.8	0.7396	3.066	645.7	0.7396
2	0.000		0.7379	4.079	851.8	0.7394	12.960	961.2	0.7346
3	0.000	Data Not	0.6389	6.271	1024.1	0.6824	17.420	1057.8	0.6602
4	0.000	Required	0.4956	7.356	1136.4	0.5440	18.360	1049.1	0.5276
5	0.000		0.4020	7.620	1165.6	0.4234	19.106	1078.4	0.4241
6	0.000		0.3435	6.963	1094.3	0.3461	18.930	1108.5	0.3539
7	0.000		0.2980	5.840	982.4	0.2886	17.984	1119.8	0.2958
8	0.000		0.2700	4.480	862.7	0.2543	15.705	1062.6	0.2559
9	0.000		0.2527	3.327	773.6	0.2327	12.031	922.2	0.2272
10	0.000		0.2452	1.023	621.2	0.2229	3.666	654.7	0.2141

	Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)		
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)
EFPD	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13
1	4.041	644.3	0.7396	4.768	633.0	0.7396	4.813	613.4	0.7396
2	16.779	920.9	0.7350	19.526	852.3	0.7356	19.693	762.8	0.7357
3	22.080	988.3	0.6638	25.532	917.0	0.6683	25.754	821.1	0.6689
4	23.053	992.4	0.5341	26.697	942.0	0.5425	26.956	873.8	0.5436
5	23.840	997.4	0.4305	27.596	957.1	0.4390	27.883	917.6	0.4403
6	23.581	987.3	0.3596	27.324	955.3	0.3673	27.610	916.3	0.3683
7	22.497	970.8	0.3008	26.219	952.6	0.3075	26.494	897.3	0.3084
8	19.888	932.9	0.2604	23.406	925.5	0.2662	23.677	892.2	0.2670
9	15.196	826.0	0.2315	17.888	824.4	0.2367	18.089	793.5	0.2375
10	4.591	630.4	0.2184	5.398	631.8	0.2235	5.454	619.9	0.2241

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number F6								
	Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)		
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)
EFPD	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13
1	5.284	615.0	0.7396	5.918	629.1	0.7396	6.625	646.8	0.7396
2	21.434	768.4	0.7365	23.715	819.6	0.7370	26.125	874.7	0.7372
3	28.042	824.8	0.6739	31.024	891.2	0.6773	33.948	928.4	0.6786
4	29.599	875.2	0.5534	32.906	936.9	0.5595	35.888	937.7	0.5620
5	30.811	917.6	0.4511	34.273	959.7	0.4570	37.314	947.2	0.4597
6	30.542	918.2	0.3777	33.896	943.8	0.3828	36.926	945.5	0.3854
7	29.332	904.1	0.3163	32.426	906.6	0.3205	35.366	930.9	0.3228
8	26.404	887.5	0.2741	29.097	852.5	0.2779	31.779	890.9	0.2799
9	20.117	791.0	0.2436	21.958	748.7	0.2472	23.901	786.0	0.2491
10	6.031	620.7	0.2298	6.556	610.9	0.2333	7.138	622.7	0.2353

	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	7.068	647.6	0.7396	7.181	573.5	0.7396	7.479	589.6	0.7396
2	27.544	855.3	0.7374	27.917	605.0	0.7375	28.836	650.1	0.7378
3	35.578	881.7	0.6797	36.052	614.5	0.6808	37.118	658.6	0.6829
4	37.570	894.5	0.5643	38.143	626.0	0.5673	39.333	670.5	0.5728
5	39.132	928.6	0.4625	39.830	640.6	0.4676	41.191	687.5	0.4763
6	38.868	961.2	0.3880	39.676	653.6	0.3954	41.153	699.1	0.4061
7	37.421	991.8	0.3250	38.555	694.2	0.3372	40.146	710.8	0.3492
8	33.808	984.5	0.2816	35.511	769.8	0.3003	37.409	743.2	0.3155
9	25.445	862.7	0.2504	26.838	727.8	0.2679	28.421	710.3	0.2829
10	7.617	643.2	0.2366	7.982	602.4	0.2506	8.431	601.4	0.2639

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number F7								
	Datapoint 5 (BOC Cy 11)			Datapoint 6 (180 EFPD Cy 11)			Datapoint 7 (BOC Cy 12)		
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)
EFPD	BOC Cy 11	BOC Cy 11	BOC Cy 11	180 Cy 11	180 Cy 11	180 Cy 11	BOC Cy 12	BOC Cy 12	BOC Cy 12
1	0.000		0.7396	0.860	617.4	0.7396	2.835	639.6	0.7396
2	0.000		0.7396	3.772	854.3	0.7396	12.502	994.6	0.7359
3	0.000	Data Not	0.6854	5.845	982.9	0.6927	17.134	1066.3	0.6671
4	0.000	Required	0.5541	6.725	1069.2	0.5688	17.597	1041.2	0.5412
5	0.000		0.4555	6.898	1087.1	0.4540	17.805	1043.2	0.4412
6	0.000		0.3912	6.314	1027.9	0.3753	17.244	1044.6	0.3713
7	0.000		0.3411	5.421	943.6	0.3144	16.128	1031.5	0.3127
8	0.000		0.3106	4.193	839.4	0.2766	13.799	969.0	0.2730
9	0.000		0.2919	3.146	760.4	0.2526	10.481	853.2	0.2450
10	0.000		0.2836	0.956	617.3	0.2419	3.105	636.5	0.2322

	Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)		
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)
EFPD	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13
1	3.488	615.2	0.7396	4.003	610.7	0.7396	4.050	615.9	0.7396
2	15.113	788.8	0.7372	17.099	760.3	0.7382	17.291	798.6	0.7382
3	20.379	832.9	0.6760	22.864	800.0	0.6822	23.127	879.5	0.6827
4	21.058	854.9	0.5590	23.742	822.5	0.5718	24.026	912.7	0.5725
5	21.461	875.2	0.4617	24.308	841.8	0.4769	24.597	919.2	0.4775
6	20.919	877.3	0.3906	23.812	847.2	0.4054	24.087	898.3	0.4059
7	19.737	870.3	0.3301	22.640	848.4	0.3438	22.890	861.5	0.3442
8	17.158	844.5	0.2891	19.924	832.2	0.3018	20.140	813.4	0.3021
9	13.013	765.2	0.2595	15.142	761.4	0.2709	15.296	732.0	0.2713
10	3.797	612.6	0.2453	4.394	613.1	0.2559	4.437	605.6	0.2563

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number F7								
	Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)		
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)
EFPD	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13
1	4.595	624.2	0.7396	5.062	610.1	0.7396	5.392	598.8	0.7396
2	19.329	810.2	0.7388	20.985	740.2	0.7394	22.115	704.2	0.7396
3	25.581	847.9	0.6859	27.575	765.7	0.6900	28.914	708.5	0.6928
4	26.570	860.7	0.5787	28.800	793.9	0.5878	30.337	732.8	0.5952
5	27.245	875.8	0.4844	29.737	826.5	0.4959	31.552	768.2	0.5068
6	26.708	871.8	0.4123	29.275	836.0	0.4236	31.273	792.5	0.4358
7	25.379	852.8	0.3499	27.918	832.4	0.3599	30.036	808.9	0.3717
8	22.379	818.2	0.3073	24.782	815.1	0.3164	26.912	810.7	0.3274
9	16.927	740.1	0.2760	18.755	746.9	0.2843	20.472	756.0	0.2943
10	4.889	607.6	0.2609	5.400	609.7	0.2687	5.896	613.4	0.2782

	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	5.556	590.7	0.7396	6.027	620.8	0.7396	6.685	628.0	0.7396
2	22.659	669.4	0.7396	24.284	795.2	0.7396	26.527	822.8	0.7396
3	29.545	670.6	0.6942	31.617	823.4	0.6963	34.530	861.5	0.6979
4	31.076	690.7	0.5989	33.463	872.5	0.6026	36.765	911.9	0.6050
5	32.483	728.0	0.5132	35.176	922.9	0.5167	38.729	945.9	0.5175
6	32.380	764.0	0.4440	35.166	938.6	0.4462	38.720	946.0	0.4458
7	31.308	799.3	0.3806	34.061	933.0	0.3815	37.472	926.5	0.3804
8	28.276	819.6	0.3359	30.827	899.1	0.3360	33.947	888.0	0.3344
9	21.627	774.4	0.3022	23.468	790.4	0.3021	25.741	785.7	0.3006
10	6.236	618.9	0.2855	6.766	621.2	0.2854	7.437	621.7	0.2842

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number F8								
	Datapoint 5 (BOC Cy 11)			Datapoint 6 (180 EFPD Cy 11)			Datapoint 7 (BOC Cy 12)		
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)
EFPD	BOC Cy 11	BOC Cy 11	BOC Cy 11	180 Cy 11	180 Cy 11	180 Cy 11	BOC Cy 12	BOC Cy 12	BOC Cy 12
1	0.000		0.7396	0.821	614.7	0.7396	2.793	639.5	0.7396
2	0.000		0.7396	3.533	832.0	0.7396	11.894	971.1	0.7370
3	0.000	Data Not	0.6562	5.537	954.4	0.6988	16.309	1035.3	0.6737
4	0.000	Required	0.5158	6.816	1078.8	0.5744	17.533	1032.0	0.5482
5	0.000		0.4192	7.297	1129.8	0.4531	18.477	1059.7	0.4427
6	0.000		0.3577	6.732	1070.1	0.3704	18.349	1086.5	0.3689
7	0.000		0.3100	5.672	966.7	0.3084	17.417	1094.4	0.3081
8	0.000		0.2807	4.374	854.0	0.2712	15.244	1041.3	0.2662
9	0.000		0.2627	3.301	771.6	0.2475	11.795	911.2	0.2364
10	0.000		0.2548	1.021	621.1	0.2366	3.611	652.8	0.2228

	Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)		
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)
EFPD	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13
1	3.449	615.4	0.7396	3.975	611.8	0.7396	4.029	624.8	0.7396
2	14.571	795.4	0.7382	16.688	775.3	0.7390	16.900	827.4	0.7390
3	19.712	848.9	0.6817	22.458	829.9	0.6873	22.732	896.9	0.6875
4	21.094	865.3	0.5642	23.989	847.4	0.5754	24.287	934.8	0.5758
5	22.167	878.8	0.4611	25.142	856.9	0.4741	25.460	967.5	0.4745
6	22.014	876.2	0.3865	24.972	855.0	0.3991	25.287	960.6	0.3994
7	20.978	865.3	0.3243	23.896	850.2	0.3361	24.191	928.9	0.3364
8	18.511	835.2	0.2815	21.234	827.2	0.2927	21.498	881.4	0.2928
9	14.268	759.7	0.2506	16.350	756.4	0.2609	16.536	773.8	0.2611
10	4.304	612.7	0.2357	4.896	612.7	0.2454	4.948	615.6	0.2456

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number F8								
	Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)		
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)
EFPD	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13
1	4.589	626.0	0.7396	5.342	643.0	0.7396	6.020	643.0	0.7396
2	19.059	827.5	0.7393	21.851	891.1	0.7392	24.233	870.3	0.7389
3	25.491	892.2	0.6895	29.004	967.3	0.6891	31.829	912.8	0.6886
4	27.301	931.1	0.5794	30.996	994.8	0.5784	33.810	911.0	0.5787
5	28.690	965.4	0.4778	32.466	1007.4	0.4763	35.308	915.4	0.4778
6	28.495	961.9	0.4020	32.134	986.3	0.4005	34.939	909.6	0.4028
7	27.235	935.8	0.3381	30.577	942.1	0.3369	33.264	891.4	0.3393
8	24.234	889.1	0.2942	27.126	879.0	0.2932	29.541	851.2	0.2956
9	18.466	778.1	0.2624	20.444	764.7	0.2621	22.146	754.3	0.2643
10	5.488	616.7	0.2472	6.049	614.3	0.2472	6.535	612.4	0.2494

	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	6.335	621.0	0.7396	6.772	616.2	0.7396	7.516	637.4	0.7396
2	25.287	768.5	0.7391	26.781	755.1	0.7395	29.201	847.1	0.7396
3	33.055	789.1	0.6899	35.042	810.8	0.6925	38.060	874.8	0.6938
4	35.106	804.6	0.5819	37.475	869.6	0.5874	40.743	907.2	0.5901
5	36.740	835.0	0.4823	39.421	920.7	0.4884	42.860	930.3	0.4911
6	36.485	861.8	0.4076	39.220	929.8	0.4127	42.642	927.9	0.4151
7	34.926	889.7	0.3440	37.584	916.8	0.3480	40.867	909.2	0.3499
8	31.354	927.4	0.3003	33.783	879.2	0.3035	36.782	872.5	0.3051
9	23.616	845.3	0.2683	25.341	773.7	0.2711	27.514	774.4	0.2726
10	6.967	635.1	0.2529	7.460	617.0	0.2556	8.108	619.5	0.2573

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number F9								
	Datapoint 5 (BOC Cy 11)			Datapoint 6 (180 EFPD Cy 11)			Datapoint 7 (BOC Cy 12)		
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)
EFPD	BOC Cy 11	BOC Cy 11	BOC Cy 11	180 Cy 11	180 Cy 11	180 Cy 11	BOC Cy 12	BOC Cy 12	BOC Cy 12
1	0.000		0.7396	0.858	617.3	0.7396	2.940	644.2	0.7396
2	0.000		0.7396	3.680	845.5	0.7396	12.467	997.8	0.7355
3	0.000	Data Not	0.6705	5.691	968.5	0.6932	16.875	1059.9	0.6658
4	0.000	Required	0.5334	6.855	1082.9	0.5682	17.837	1047.7	0.5384
5	0.000		0.4346	7.277	1127.6	0.4494	18.573	1066.7	0.4356
6	0.000		0.3709	6.733	1070.2	0.3677	18.326	1085.0	0.3635
7	0.000		0.3215	5.756	974.5	0.3058	17.366	1086.0	0.3037
8	0.000		0.2915	4.459	861.0	0.2679	15.105	1028.1	0.2629
9	0.000		0.2730	3.342	774.7	0.2438	11.550	896.5	0.2340
10	0.000		0.2649	1.025	621.3	0.2329	3.490	648.2	0.2210

	Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)		
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)
EFPD	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13
1	3.906	643.5	0.7396	4.760	646.6	0.7396	4.812	622.2	0.7396
2	16.267	918.7	0.7357	19.557	924.5	0.7357	19.753	803.8	0.7358
3	21.561	991.5	0.6681	25.692	1009.7	0.6690	25.952	875.1	0.6695
4	22.541	993.8	0.5423	26.685	1011.4	0.5434	26.984	937.1	0.5442
5	23.354	1003.0	0.4391	27.475	1008.2	0.4400	27.811	997.8	0.4408
6	23.129	1005.7	0.3667	27.202	1001.4	0.3676	27.541	1001.5	0.3683
7	22.211	1010.9	0.3061	26.297	1003.2	0.3069	26.608	955.3	0.3073
8	19.746	986.2	0.2643	23.710	986.0	0.2646	23.976	884.5	0.2649
9	15.098	865.1	0.2349	18.159	868.7	0.2350	18.336	761.8	0.2353
10	4.580	643.2	0.2219	5.544	646.1	0.2220	5.594	613.5	0.2223

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number F9								
	Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)		
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)
EFPD	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13
1	5.455	636.4	0.7396	6.145	635.6	0.7396	6.782	637.7	0.7396
2	22.055	848.9	0.7363	24.482	839.4	0.7367	26.656	838.1	0.7370
3	28.849	913.0	0.6725	31.988	912.9	0.6753	34.741	901.7	0.6772
4	30.132	952.2	0.5495	33.610	961.9	0.5545	36.555	931.8	0.5582
5	31.145	982.4	0.4460	34.788	986.9	0.4506	37.876	954.8	0.4547
6	30.812	972.1	0.3725	34.355	971.7	0.3764	37.490	962.6	0.3803
7	29.673	939.0	0.3108	33.026	943.6	0.3141	36.142	959.6	0.3174
8	26.663	881.7	0.2681	29.663	893.8	0.2711	32.513	916.9	0.2738
9	20.161	764.7	0.2383	22.237	776.3	0.2410	24.260	796.9	0.2434
10	6.115	614.7	0.2252	6.715	618.2	0.2279	7.315	624.6	0.2303

	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	7.154	632.7	0.7396	7.269	573.7	0.7396	7.452	577.7	0.7396
2	27.870	805.3	0.7372	28.224	602.6	0.7374	28.759	611.5	0.7375
3	36.200	841.4	0.6789	36.626	609.1	0.6798	37.221	614.6	0.6810
4	38.127	868.0	0.5616	38.650	620.2	0.5643	39.318	621.2	0.5676
5	39.613	908.2	0.4589	40.271	635.9	0.4637	41.069	633.2	0.4693
6	39.353	940.5	0.3842	40.135	650.5	0.3914	41.063	645.3	0.3995
7	38.126	972.5	0.3209	39.048	667.4	0.3309	40.126	659.7	0.3420
8	34.481	968.2	0.2767	35.502	679.6	0.2893	36.705	671.8	0.3032
9	25.742	848.1	0.2458	26.596	659.2	0.2594	27.641	656.6	0.2749
10	7.766	638.4	0.2325	7.991	586.7	0.2438	8.279	587.1	0.2575

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number F10								
	Datapoint 5 (BOC Cy 11)			Datapoint 6 (180 EFPD Cy 11)			Datapoint 7 (BOC Cy 12)		
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)
EFPD	BOC Cy 11	BOC Cy 11	BOC Cy 11	180 Cy 11	180 Cy 11	180 Cy 11	BOC Cy 12	BOC Cy 12	BOC Cy 12
1	0.000		0.7396	0.866	617.8	0.7396	2.942	644.0	0.7396
2	0.000		0.7376	3.714	848.7	0.7396	12.537	1000.2	0.7355
3	0.000	Data Not	0.6376	5.890	987.5	0.6948	17.129	1063.2	0.6656
4	0.000	Required	0.4954	7.228	1122.5	0.5622	18.219	1048.3	0.5357
5	0.000		0.4030	7.498	1152.0	0.4372	18.903	1073.4	0.4303
6	0.000		0.3451	6.817	1079.0	0.3567	18.687	1102.3	0.3584
7	0.000		0.2997	5.728	971.9	0.2973	17.775	1113.6	0.2989
8	0.000		0.2716	4.425	858.2	0.2619	15.533	1055.5	0.2580
9	0.000		0.2542	3.294	771.1	0.2395	11.908	917.5	0.2291
10	0.000		0.2465	1.030	621.6	0.2293	3.661	654.3	0.2160

	Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)		
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)
EFPD	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13
1	3.603	615.9	0.7396	4.107	609.6	0.7396	4.130	586.4	0.7396
2	15.159	789.9	0.7369	17.111	756.5	0.7379	17.203	664.2	0.7379
3	20.380	833.5	0.6746	22.847	797.9	0.6811	22.970	694.5	0.6815
4	21.643	851.0	0.5538	24.289	818.3	0.5669	24.441	729.5	0.5680
5	22.510	869.9	0.4515	25.313	836.6	0.4674	25.495	768.0	0.4691
6	22.310	871.8	0.3787	25.155	841.5	0.3943	25.347	779.5	0.3961
7	21.339	865.5	0.3175	24.197	843.0	0.3322	24.380	768.7	0.3338
8	18.878	843.0	0.2757	21.615	828.8	0.2894	21.778	742.8	0.2909
9	14.494	770.1	0.2455	16.646	763.8	0.2583	16.783	711.6	0.2598
10	4.399	616.1	0.2309	5.027	615.8	0.2428	5.081	618.3	0.2447

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number F10								
	Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)		
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)
EFPD	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13
1	4.377	587.9	0.7396	4.714	595.6	0.7396	5.192	617.3	0.7396
2	18.175	669.8	0.7385	19.481	698.3	0.7391	21.225	774.9	0.7395
3	24.278	700.9	0.6854	26.047	739.8	0.6899	28.238	819.1	0.6925
4	26.039	735.6	0.5786	28.135	777.8	0.5890	30.461	838.2	0.5940
5	27.382	771.6	0.4846	29.706	805.4	0.4979	32.141	853.8	0.5034
6	27.315	782.2	0.4126	29.630	804.2	0.4255	32.089	857.5	0.4305
7	26.278	773.1	0.3487	28.431	784.5	0.3601	30.847	851.1	0.3643
8	23.488	749.4	0.3045	25.350	750.4	0.3146	27.541	819.1	0.3182
9	18.142	707.1	0.2727	19.402	684.5	0.2814	20.944	734.0	0.2845
10	5.451	599.1	0.2558	5.780	592.3	0.2635	6.220	607.5	0.2666

	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	5.617	643.8	0.7396	6.068	618.0	0.7396	6.897	646.9	0.7396
2	22.660	859.0	0.7395	24.316	800.7	0.7396	27.099	900.1	0.7396
3	29.892	887.6	0.6930	32.099	844.1	0.6955	35.422	914.6	0.6955
4	32.148	895.6	0.5950	34.657	892.1	0.5990	38.000	917.4	0.5990
5	33.944	924.9	0.5041	36.650	924.8	0.5077	40.017	920.6	0.5074
6	34.017	957.4	0.4309	36.701	921.2	0.4334	40.002	911.7	0.4332
7	32.907	993.0	0.3642	35.479	902.4	0.3662	38.630	891.8	0.3662
8	29.592	990.7	0.3174	31.939	866.1	0.3191	34.827	858.5	0.3191
9	22.512	868.2	0.2835	24.149	761.5	0.2850	26.203	761.0	0.2853
10	6.708	644.9	0.2657	7.160	612.2	0.2673	7.746	613.9	0.2680

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number G1								
	Datapoint 7 (BOC Cy 12)			Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)		
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)
EFPD	BOC Cy 12	BOC Cy 12	BOC Cy 12	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13
1	0.000		0.7396	0.677	617.3	0.7396	1.261	617.9	0.7396
2	0.000		0.7396	2.865	840.6	0.7396	5.449	860.0	0.7396
3	0.000	Data Not	0.7080	3.951	907.0	0.7080	7.699	956.0	0.7037
4	0.000	Required	0.6117	4.154	929.4	0.6117	8.037	974.5	0.6011
5	0.000		0.5100	4.303	946.3	0.5100	8.160	970.9	0.4980
6	0.000		0.4309	4.190	933.5	0.4309	7.901	950.9	0.4204
7	0.000		0.3633	3.952	907.0	0.3633	7.475	926.0	0.3544
8	0.000		0.3178	3.340	842.6	0.3178	6.357	862.2	0.3097
9	0.000		0.2885	2.459	758.5	0.2885	4.646	767.9	0.2810
10	0.000		0.2763	0.654	609.7	0.2763	1.237	611.9	0.2691

	Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)		
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)
EFPD	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13
1	1.288	591.2	0.7396	1.896	632.0	0.7396	2.488	624.3	0.7396
2	5.599	758.5	0.7396	8.322	952.1	0.7396	10.817	878.0	0.7396
3	8.063	1046.7	0.7042	11.739	1040.5	0.6953	14.881	913.2	0.6963
4	8.441	1120.4	0.6000	12.047	1028.2	0.5842	15.361	937.8	0.5876
5	8.551	1095.6	0.4958	12.109	1020.0	0.4797	15.576	960.2	0.4837
6	8.259	1035.9	0.4183	11.628	988.1	0.4042	15.009	947.6	0.4077
7	7.786	955.3	0.3526	10.850	938.9	0.3411	14.046	920.9	0.3438
8	6.600	851.1	0.3084	9.146	861.2	0.2987	12.003	874.2	0.3007
9	4.805	738.1	0.2800	6.502	748.6	0.2722	8.506	767.8	0.2734
10	1.277	602.4	0.2683	1.704	604.9	0.2614	2.207	608.8	0.2624

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number G1								
	Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)		
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)
EFPD	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14
1	2.926	612.3	0.7396	3.144	601.4	0.7396	3.833	651.0	0.7396
2	12.574	797.5	0.7396	13.413	736.1	0.7396	16.145	1002.2	0.7396
3	17.066	818.2	0.6998	18.097	748.3	0.7025	21.476	1047.3	0.6972
4	17.753	847.6	0.5966	18.932	779.2	0.6037	22.312	1047.4	0.5939
5	18.225	885.5	0.4959	19.632	829.3	0.5064	23.028	1050.5	0.4956
6	17.740	898.1	0.4195	19.291	862.7	0.4303	22.575	1028.9	0.4205
7	16.780	898.5	0.3539	18.442	889.4	0.3637	21.577	1001.1	0.3549
8	14.594	876.8	0.3094	16.275	894.2	0.3181	19.143	953.1	0.3097
9	10.426	782.9	0.2804	11.740	809.4	0.2877	13.712	809.9	0.2803
10	2.700	613.2	0.2685	3.046	619.9	0.2750	3.543	617.4	0.2680

	Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	211 Cy 14	211 Cy 14	211 Cy 14
1	4.650	645.5	0.7396
2	19.135	931.3	0.7396
3	25.077	952.5	0.6957
4	25.986	962.7	0.5915
5	26.773	972.9	0.4927
6	26.216	958.1	0.4176
7	25.048	934.5	0.3524
8	22.375	902.6	0.3071
9	16.095	798.4	0.2775
10	4.180	618.5	0.2653

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number G2								
	Datapoint 7 (BOC Cy 12)			Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)		
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)
EFPD	BOC Cy 12	BOC Cy 12	BOC Cy 12	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13
1	0.000		0.7396	0.861	633.9	0.7396	1.587	632.8	0.7396
2	0.000		0.7375	3.561	890.4	0.7375	6.754	910.6	0.7370
3	0.000	Data Not	0.6800	4.824	1008.3	0.6800	9.352	1068.6	0.6747
4	0.000	Required	0.5543	4.996	1029.5	0.5543	9.671	1091.0	0.5427
5	0.000		0.4449	5.127	1046.1	0.4449	9.816	1093.3	0.4326
6	0.000		0.3694	5.041	1035.1	0.3694	9.643	1079.7	0.3580
7	0.000		0.3061	4.928	1021.1	0.3061	9.457	1068.4	0.2958
8	0.000		0.2630	4.353	952.3	0.2630	8.385	995.7	0.2535
9	0.000		0.2350	3.263	835.8	0.2350	6.226	857.1	0.2263
10	0.000		0.2234	0.927	630.5	0.2234	1.773	635.2	0.2150

	Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)		
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)
EFPD	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13
1	1.656	644.0	0.7396	2.386	647.5	0.7396	3.082	636.3	0.7396
2	7.064	986.2	0.7368	10.167	977.9	0.7360	12.987	895.0	0.7365
3	9.767	1139.9	0.6737	13.628	1073.7	0.6690	17.204	976.6	0.6723
4	10.080	1131.4	0.5410	13.897	1065.4	0.5354	17.694	1010.7	0.5417
5	10.219	1117.5	0.4311	14.055	1069.1	0.4267	18.001	1034.3	0.4330
6	10.017	1064.7	0.3569	13.685	1039.1	0.3538	17.499	1013.3	0.3592
7	9.791	994.1	0.2952	13.174	990.5	0.2935	16.715	971.4	0.2982
8	8.666	908.3	0.2531	11.617	921.5	0.2526	14.744	911.3	0.2571
9	6.415	778.1	0.2261	8.442	791.1	0.2263	10.603	786.6	0.2305
10	1.820	610.8	0.2149	2.335	614.1	0.2155	2.886	613.4	0.2195

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number G2								
	Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)		
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)
EFPD	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14
1	3.661	630.2	0.7396	3.983	622.4	0.7396	4.221	589.6	0.7396
2	15.208	845.0	0.7370	16.385	796.3	0.7375	17.349	680.2	0.7381
3	19.977	904.7	0.6761	21.406	834.1	0.6791	22.778	724.7	0.6836
4	20.653	933.9	0.5502	22.215	865.3	0.5569	23.940	773.0	0.5693
5	21.159	966.3	0.4427	22.933	917.4	0.4512	24.978	819.3	0.4689
6	20.693	972.4	0.3681	22.605	953.3	0.3763	24.701	826.8	0.3941
7	19.854	963.2	0.3058	21.867	980.3	0.3130	23.859	811.3	0.3286
8	17.667	928.3	0.2637	19.654	973.0	0.2698	21.422	779.0	0.2837
9	12.736	812.1	0.2362	14.248	854.8	0.2413	15.437	701.3	0.2534
10	3.455	621.3	0.2247	3.871	632.1	0.2293	4.151	592.8	0.2397

	Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	211 Cy 14	211 Cy 14	211 Cy 14
1	4.853	625.1	0.7396
2	19.701	812.8	0.7382
3	25.824	878.5	0.6852
4	27.498	946.5	0.5736
5	28.774	980.2	0.4732
6	28.447	973.1	0.3977
7	27.337	935.6	0.3315
8	24.510	883.9	0.2863
9	17.587	771.9	0.2559
10	4.728	613.1	0.2420

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number G3								
	Datapoint 7 (BOC Cy 12)			Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)		
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)
EFPD	BOC Cy 12	BOC Cy 12	BOC Cy 12	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13
1	0.000		0.7396	0.739	622.8	0.7396	1.360	621.7	0.7396
2	0.000		0.7396	3.132	872.2	0.7396	5.898	885.7	0.7396
3	0.000	Data Not	0.6972	4.276	943.3	0.6972	8.244	986.4	0.6941
4	0.000	Required	0.5911	4.419	959.7	0.5911	8.478	999.2	0.5828
5	0.000		0.4873	4.529	972.6	0.4873	8.545	993.2	0.4780
6	0.000		0.4103	4.390	956.3	0.4103	8.250	971.3	0.4022
7	0.000		0.3451	4.136	927.4	0.3451	7.804	945.3	0.3382
8	0.000		0.3014	3.518	860.9	0.3014	6.683	880.4	0.2951
9	0.000		0.2731	2.597	771.2	0.2731	4.902	780.8	0.2671
10	0.000		0.2614	0.692	612.5	0.2614	1.307	614.7	0.2556

	Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)		
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)
EFPD	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13
1	1.415	626.0	0.7396	2.005	629.8	0.7396	2.509	614.3	0.7396
2	6.151	927.5	0.7396	8.717	923.5	0.7395	10.801	816.6	0.7396
3	8.603	1037.0	0.6935	11.872	971.6	0.6916	14.488	842.2	0.6969
4	8.837	1036.9	0.5816	12.070	965.7	0.5794	14.909	871.6	0.5915
5	8.894	1017.5	0.4768	12.143	968.4	0.4755	15.224	904.6	0.4904
6	8.571	972.7	0.4012	11.693	947.9	0.4006	14.767	903.6	0.4143
7	8.089	912.8	0.3375	10.975	911.3	0.3375	13.926	886.7	0.3493
8	6.913	832.0	0.2946	9.371	848.6	0.2950	12.055	851.1	0.3055
9	5.057	734.2	0.2669	6.758	749.0	0.2677	8.699	760.2	0.2767
10	1.347	603.5	0.2555	1.784	605.9	0.2564	2.278	608.0	0.2647

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number G3								
	Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)		
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)
EFPD	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14
1	2.868	602.4	0.7396	3.047	593.7	0.7396	3.364	600.1	0.7396
2	12.216	745.5	0.7396	12.899	700.0	0.7396	14.327	763.5	0.7396
3	16.243	760.4	0.7018	17.076	708.6	0.7044	19.631	900.0	0.7064
4	16.885	789.6	0.6040	17.852	735.2	0.6112	20.996	1002.9	0.6126
5	17.500	830.9	0.5079	18.692	781.9	0.5194	22.122	1057.2	0.5168
6	17.180	850.5	0.4322	18.541	819.0	0.4453	21.875	1038.5	0.4401
7	16.395	858.8	0.3655	17.893	850.2	0.3780	21.002	996.1	0.3719
8	14.465	850.2	0.3201	16.015	862.4	0.3315	18.817	941.5	0.3255
9	10.562	775.2	0.2894	11.820	796.8	0.2996	13.776	807.6	0.2945
10	2.766	612.6	0.2763	3.104	618.6	0.2855	3.599	617.2	0.2807

	Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	211 Cy 14	211 Cy 14	211 Cy 14
1	3.952	620.4	0.7396
2	16.670	836.7	0.7396
3	22.653	875.2	0.7066
4	24.111	887.2	0.6136
5	25.267	890.9	0.5185
6	24.894	874.8	0.4419
7	23.822	849.8	0.3739
8	21.344	814.4	0.3273
9	15.521	727.4	0.2963
10	4.035	600.3	0.2822

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number G4								
	Datapoint 7 (BOC Cy 12)			Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)		
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)
EFPD	BOC Cy 12	BOC Cy 12	BOC Cy 12	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13
1	0.000		0.7396	0.880	635.6	0.7396	1.589	631.0	0.7396
2	0.000		0.7370	3.661	901.8	0.7370	6.821	906.1	0.7368
3	0.000	Data Not	0.6764	4.977	1027.2	0.6764	9.492	1066.5	0.6736
4	0.000	Required	0.5475	5.101	1042.7	0.5475	9.731	1084.1	0.5407
5	0.000		0.4385	5.183	1053.3	0.4385	9.796	1081.4	0.4310
6	0.000		0.3644	5.032	1034.1	0.3644	9.518	1061.9	0.3574
7	0.000		0.3032	4.787	1003.7	0.3032	9.149	1043.3	0.2968
8	0.000		0.2624	4.116	925.4	0.2624	7.944	967.3	0.2559
9	0.000		0.2361	3.047	814.4	0.2361	5.828	835.2	0.2297
10	0.000		0.2250	0.856	625.0	0.2250	1.636	629.3	0.2189

	Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)		
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)
EFPD	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13
1	1.646	628.5	0.7396	2.371	646.8	0.7396	3.041	633.3	0.7396
2	7.093	921.4	0.7368	10.255	988.0	0.7359	13.002	884.4	0.7364
3	9.884	1098.6	0.6733	13.841	1091.1	0.6681	17.308	960.2	0.6719
4	10.135	1121.0	0.5399	13.967	1068.2	0.5336	17.601	985.3	0.5418
5	10.201	1123.3	0.4301	13.983	1059.2	0.4255	17.730	1002.7	0.4344
6	9.899	1077.6	0.3567	13.482	1024.4	0.3536	17.107	983.9	0.3616
7	9.485	996.5	0.2963	12.751	971.2	0.2947	16.173	953.5	0.3018
8	8.211	886.6	0.2557	10.965	891.7	0.2552	14.045	904.7	0.2617
9	5.998	753.5	0.2297	7.819	764.4	0.2300	9.967	784.9	0.2357
10	1.678	605.0	0.2189	2.131	607.7	0.2197	2.672	612.5	0.2249

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number G4								
	Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)		
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)
EFPD	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14
1	3.555	621.9	0.7396	3.817	610.2	0.7396	4.208	609.9	0.7396
2	15.006	812.2	0.7371	15.983	751.1	0.7377	17.463	752.8	0.7381
3	19.819	865.0	0.6767	21.022	784.2	0.6802	22.955	802.7	0.6836
4	20.317	895.9	0.5527	21.677	818.7	0.5610	23.923	850.1	0.5693
5	20.671	931.1	0.4477	22.254	870.5	0.4585	24.821	901.3	0.4694
6	20.104	940.0	0.3742	21.818	902.4	0.3849	24.467	915.1	0.3955
7	19.143	935.7	0.3126	20.956	927.4	0.3222	23.539	904.0	0.3313
8	16.821	905.1	0.2711	18.633	927.1	0.2798	20.987	867.1	0.2875
9	11.989	796.9	0.2439	13.381	826.9	0.2514	15.037	764.0	0.2581
10	3.196	616.5	0.2323	3.566	624.1	0.2391	3.990	609.0	0.2446

	Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	211 Cy 14	211 Cy 14	211 Cy 14
1	4.878	629.3	0.7396
2	19.903	824.1	0.7385
3	26.128	894.7	0.6863
4	27.484	947.0	0.5742
5	28.673	988.3	0.4736
6	28.294	984.6	0.3983
7	27.170	956.7	0.3332
8	24.271	909.5	0.2889
9	17.382	794.1	0.2592
10	4.631	618.9	0.2460

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number G5								
	Datapoint 7 (BOC Cy 12)			Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)		
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)
EFPD	BOC Cy 12	BOC Cy 12	BOC Cy 12	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13
1	0.000		0.7396	0.681	617.6	0.7396	1.268	618.2	0.7396
2	0.000		0.7396	2.879	842.4	0.7396	5.477	861.7	0.7396
3	0.000	Data Not	0.7073	3.968	908.8	0.7073	7.729	957.9	0.7030
4	0.000	Required	0.6105	4.165	930.7	0.6105	8.056	975.5	0.6000
5	0.000		0.5088	4.310	947.1	0.5088	8.171	971.5	0.4969
6	0.000		0.4299	4.196	934.1	0.4299	7.910	951.4	0.4195
7	0.000		0.3625	3.956	907.5	0.3625	7.482	926.4	0.3537
8	0.000		0.3171	3.344	842.9	0.3171	6.362	862.4	0.3091
9	0.000		0.2878	2.461	758.7	0.2878	4.649	768.0	0.2804
10	0.000		0.2757	0.655	609.8	0.2757	1.238	611.9	0.2686

	Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)		
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)
EFPD	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13
1	1.294	590.0	0.7396	1.903	632.1	0.7396	2.494	624.2	0.7396
2	5.626	758.5	0.7396	8.348	951.9	0.7396	10.841	877.6	0.7396
3	8.092	1045.8	0.7035	11.764	1039.8	0.6949	14.903	912.7	0.6960
4	8.459	1119.1	0.5989	12.062	1027.7	0.5836	15.373	937.3	0.5871
5	8.563	1095.6	0.4948	12.118	1019.6	0.4791	15.584	960.1	0.4833
6	8.269	1036.5	0.4174	11.636	987.9	0.4037	15.018	947.6	0.4073
7	7.793	955.3	0.3519	10.855	938.6	0.3406	14.055	921.3	0.3435
8	6.606	851.6	0.3077	9.147	860.6	0.2983	12.008	874.7	0.3005
9	4.807	737.7	0.2794	6.501	748.1	0.2718	8.507	768.1	0.2732
10	1.278	602.4	0.2677	1.704	604.8	0.2611	2.207	608.9	0.2622

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number G5								
	Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)		
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)
EFPD	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14
1	2.932	612.3	0.7396	3.151	601.6	0.7396	3.840	651.0	0.7396
2	12.597	797.4	0.7396	13.440	737.0	0.7396	16.172	1002.3	0.7396
3	17.088	818.1	0.6995	18.122	749.0	0.7023	21.500	1046.9	0.6970
4	17.764	847.4	0.5962	18.945	779.6	0.6033	22.318	1046.2	0.5936
5	18.231	885.2	0.4956	19.638	829.4	0.5059	23.028	1049.3	0.4953
6	17.748	897.9	0.4192	19.299	862.8	0.4300	22.587	1029.8	0.4202
7	16.789	898.5	0.3537	18.451	889.6	0.3635	21.609	1005.3	0.3546
8	14.599	876.9	0.3091	16.283	894.8	0.3178	19.175	957.4	0.3093
9	10.428	783.0	0.2802	11.745	809.9	0.2875	13.730	812.0	0.2799
10	2.700	613.1	0.2683	3.047	620.1	0.2748	3.547	617.7	0.2677

	Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	211 Cy 14	211 Cy 14	211 Cy 14
1	4.657	645.5	0.7396
2	19.160	930.9	0.7396
3	25.098	952.1	0.6955
4	25.992	962.8	0.5913
5	26.776	973.3	0.4925
6	26.233	958.8	0.4173
7	25.093	936.3	0.3521
8	22.422	904.4	0.3067
9	16.122	799.5	0.2772
10	4.186	618.7	0.2649

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number G6								
	Datapoint 7 (BOC Cy 12)			Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)		
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)
EFPD	BOC Cy 12	BOC Cy 12	BOC Cy 12	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13
1	0.000		0.7396	0.862	633.9	0.7396	1.588	632.8	0.7396
2	0.000		0.7375	3.563	890.6	0.7375	6.757	910.8	0.7369
3	0.000	Data Not	0.6799	4.826	1008.4	0.6799	9.354	1068.6	0.6746
4	0.000	Required	0.5541	4.996	1029.5	0.5541	9.669	1090.8	0.5425
5	0.000		0.4447	5.125	1045.8	0.4447	9.813	1093.1	0.4324
6	0.000		0.3692	5.039	1034.9	0.3692	9.639	1079.5	0.3579
7	0.000		0.3060	4.926	1020.8	0.3060	9.452	1068.1	0.2957
8	0.000		0.2629	4.351	952.0	0.2629	8.381	995.4	0.2534
9	0.000		0.2350	3.261	835.6	0.2350	6.222	856.9	0.2263
10	0.000		0.2233	0.927	630.4	0.2233	1.772	635.2	0.2149

	Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)		
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)
EFPD	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13
1	1.657	644.0	0.7396	2.385	647.2	0.7396	3.081	636.3	0.7396
2	7.066	985.3	0.7368	10.163	976.9	0.7360	12.978	894.2	0.7365
3	9.767	1137.9	0.6735	13.619	1071.9	0.6691	17.185	975.1	0.6723
4	10.077	1128.8	0.5409	13.882	1063.3	0.5355	17.667	1008.7	0.5419
5	10.214	1115.6	0.4310	14.040	1067.2	0.4268	17.977	1032.8	0.4332
6	10.013	1064.1	0.3568	13.675	1038.0	0.3539	17.484	1012.7	0.3594
7	9.787	994.7	0.2951	13.163	989.3	0.2936	16.705	971.6	0.2983
8	8.662	908.8	0.2531	11.598	919.2	0.2527	14.730	912.0	0.2572
9	6.412	779.1	0.2260	8.425	789.1	0.2264	10.590	787.1	0.2306
10	1.820	611.4	0.2148	2.330	613.6	0.2156	2.883	613.6	0.2196

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number G6								
	Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)		
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)
EFPD	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14
1	3.660	630.2	0.7396	3.985	623.0	0.7396	4.211	588.1	0.7396
2	15.200	845.1	0.7370	16.386	798.5	0.7375	17.288	671.9	0.7380
3	19.956	904.4	0.6761	21.392	835.9	0.6791	22.646	709.2	0.6832
4	20.619	932.8	0.5503	22.183	866.0	0.5570	23.749	750.7	0.5686
5	21.127	965.0	0.4429	22.901	917.3	0.4513	24.785	795.6	0.4688
6	20.673	971.4	0.3683	22.584	953.0	0.3764	24.557	808.5	0.3949
7	19.842	962.9	0.3060	21.858	980.7	0.3130	23.767	799.3	0.3298
8	17.654	928.4	0.2638	19.645	974.3	0.2698	21.361	771.6	0.2850
9	12.722	811.9	0.2363	14.238	856.0	0.2413	15.404	698.3	0.2545
10	3.451	621.1	0.2248	3.868	632.4	0.2293	4.140	592.0	0.2403

	Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	211 Cy 14	211 Cy 14	211 Cy 14
1	4.800	620.5	0.7396
2	19.477	792.5	0.7383
3	25.497	853.7	0.6856
4	27.164	927.0	0.5747
5	28.511	970.2	0.4752
6	28.274	968.9	0.4001
7	27.241	934.9	0.3338
8	24.463	885.7	0.2884
9	17.581	774.9	0.2577
10	4.727	613.9	0.2434

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number G7								
	Datapoint 7 (BOC Cy 12)			Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)		
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)
EFPD	BOC Cy 12	BOC Cy 12	BOC Cy 12	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13
1	0.000		0.7396	0.825	630.6	0.7396	1.527	630.3	0.7396
2	0.000		0.7380	3.500	883.4	0.7380	6.703	911.9	0.7372
3	0.000	Data Not	0.6819	4.858	1012.5	0.6819	9.492	1084.9	0.6753
4	0.000	Required	0.5565	5.009	1031.2	0.5565	9.685	1091.3	0.5434
5	0.000		0.4477	5.076	1039.6	0.4477	9.644	1074.6	0.4346
6	0.000		0.3731	4.884	1015.6	0.3731	9.259	1045.3	0.3617
7	0.000		0.3118	4.562	976.6	0.3118	8.743	1016.8	0.3020
8	0.000		0.2714	3.833	894.3	0.2714	7.424	935.3	0.2622
9	0.000		0.2457	2.782	788.7	0.2457	5.332	808.5	0.2369
10	0.000		0.2350	0.764	618.0	0.2350	1.462	622.0	0.2266

	Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)		
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)
EFPD	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13
1	1.570	610.9	0.7396	2.207	635.7	0.7396	2.729	616.3	0.7396
2	6.906	813.3	0.7374	9.667	920.2	0.7372	11.817	802.1	0.7382
3	9.783	922.3	0.6761	13.264	1006.8	0.6758	15.981	855.4	0.6821
4	10.009	976.6	0.5451	13.492	1007.2	0.5470	16.439	886.1	0.5617
5	10.020	1066.8	0.4363	13.535	1012.6	0.4393	16.691	915.1	0.4575
6	9.646	1088.1	0.3629	13.040	992.2	0.3663	16.188	914.0	0.3836
7	9.087	1010.3	0.3026	12.259	956.0	0.3061	15.474	923.6	0.3223
8	7.695	891.7	0.2626	10.386	882.4	0.2659	13.483	907.0	0.2807
9	5.507	759.0	0.2373	7.313	762.5	0.2404	9.544	795.1	0.2529
10	1.505	606.1	0.2270	1.954	607.3	0.2299	2.510	613.9	0.2408

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number G7								
	Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)		
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)
EFPD	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14
1	3.158	611.2	0.7396	3.394	605.0	0.7396	3.808	613.0	0.7396
2	13.516	768.4	0.7389	14.406	732.1	0.7394	16.065	801.3	0.7396
3	18.132	813.5	0.6874	19.213	758.6	0.6907	21.507	857.5	0.6943
4	18.822	846.3	0.5739	20.040	787.4	0.5818	22.738	923.7	0.5886
5	19.330	884.1	0.4730	20.757	834.0	0.4839	23.770	978.4	0.4901
6	18.920	898.2	0.3986	20.475	863.9	0.4096	23.480	977.0	0.4139
7	18.241	903.6	0.3353	19.891	886.6	0.3453	22.729	947.6	0.3480
8	16.121	883.9	0.2920	17.795	892.6	0.3012	20.324	895.4	0.3031
9	11.519	790.2	0.2628	12.844	811.9	0.2710	14.575	774.6	0.2727
10	3.024	615.4	0.2499	3.380	621.6	0.2575	3.823	611.1	0.2592

	Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	211 Cy 14	211 Cy 14	211 Cy 14
1	4.584	641.0	0.7396
2	18.972	918.8	0.7396
3	25.217	968.0	0.6929
4	26.681	1001.6	0.5857
5	27.858	1023.2	0.4858
6	27.461	1007.4	0.4096
7	26.441	968.1	0.3442
8	23.637	913.3	0.2995
9	16.897	791.5	0.2695
10	4.451	617.8	0.2563

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number G8								
	Datapoint 7 (BOC Cy 12)			Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)		
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)
EFPD	BOC Cy 12	BOC Cy 12	BOC Cy 12	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13
1	0.000		0.7396	0.907	638.1	0.7396	1.813	652.2	0.7396
2	0.000		0.7362	3.775	915.2	0.7362	7.762	1026.1	0.7332
3	0.000	Data Not	0.6709	5.083	1040.6	0.6709	10.440	1203.2	0.6519
4	0.000	Required	0.5392	5.148	1048.7	0.5392	10.305	1169.3	0.5094
5	0.000		0.4316	5.254	1062.4	0.4316	10.245	1141.6	0.4044
6	0.000		0.3579	5.188	1053.9	0.3579	10.007	1113.8	0.3352
7	0.000		0.2963	5.057	1037.3	0.2963	9.716	1088.5	0.2776
8	0.000		0.2544	4.449	963.5	0.2544	8.604	1013.2	0.2382
9	0.000		0.2274	3.325	842.2	0.2274	6.377	868.0	0.2129
10	0.000		0.2159	0.955	632.6	0.2159	1.835	638.4	0.2023

	Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)		
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)
EFPD	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13
1	1.855	609.7	0.7396	2.316	613.8	0.7396	2.958	630.0	0.7396
2	7.952	796.0	0.7335	9.979	807.8	0.7355	12.709	881.6	0.7361
3	10.713	895.3	0.6535	13.535	901.7	0.6654	17.248	997.7	0.6694
4	10.617	957.3	0.5125	13.811	959.5	0.5346	17.823	1045.0	0.5401
5	10.583	1001.0	0.4076	14.044	1003.4	0.4294	18.160	1062.1	0.4333
6	10.337	986.6	0.3378	13.728	991.8	0.3559	17.635	1028.1	0.3591
7	10.018	940.6	0.2797	13.157	950.8	0.2944	16.666	966.6	0.2975
8	8.858	867.0	0.2400	11.550	882.5	0.2530	14.488	885.3	0.2564
9	6.552	759.5	0.2145	8.385	765.7	0.2260	10.309	758.5	0.2297
10	1.884	612.4	0.2038	2.365	610.6	0.2144	2.867	608.7	0.2182

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number G8								
	Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)		
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)
EFPD	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14
1	3.688	649.8	0.7396	4.145	650.5	0.7396	4.642	624.3	0.7396
2	15.619	957.4	0.7358	17.310	925.3	0.7359	19.214	817.6	0.7366
3	20.907	1053.8	0.6684	22.908	976.8	0.6694	25.517	908.6	0.6735
4	21.444	1046.8	0.5387	23.449	978.1	0.5409	26.472	980.5	0.5484
5	21.761	1043.1	0.4323	23.875	1007.9	0.4350	27.165	1030.1	0.4420
6	21.132	1024.6	0.3587	23.338	1034.1	0.3613	26.579	1020.6	0.3668
7	19.968	990.8	0.2976	22.264	1060.3	0.2996	25.338	989.6	0.3041
8	17.390	925.2	0.2567	19.631	1044.2	0.2580	22.410	937.6	0.2619
9	12.286	790.8	0.2302	13.951	892.1	0.2308	15.882	803.7	0.2343
10	3.404	617.7	0.2190	3.880	642.9	0.2194	4.389	618.8	0.2226

	Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	211 Cy 14	211 Cy 14	211 Cy 14
1	5.432	642.5	0.7396
2	22.023	872.6	0.7369
3	29.052	943.3	0.6758
4	30.200	970.4	0.5527
5	31.004	986.5	0.4464
6	30.304	970.1	0.3710
7	28.853	940.6	0.3080
8	25.603	897.4	0.2656
9	18.159	786.3	0.2378
10	5.011	617.2	0.2261

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number G9								
	Datapoint 7 (BOC Cy 12)			Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)		
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)
EFPD	BOC Cy 12	BOC Cy 12	BOC Cy 12	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13
1	0.000		0.7396	0.909	638.2	0.7396	1.799	650.5	0.7396
2	0.000		0.7363	3.768	914.3	0.7363	7.666	1012.4	0.7337
3	0.000	Data Not	0.6713	5.092	1041.7	0.6713	10.359	1187.8	0.6545
4	0.000	Required	0.5388	5.216	1057.5	0.5388	10.349	1165.3	0.5121
5	0.000		0.4301	5.326	1071.8	0.4301	10.316	1141.4	0.4058
6	0.000		0.3563	5.200	1055.5	0.3563	9.999	1110.6	0.3360
7	0.000		0.2956	4.942	1022.9	0.2956	9.523	1076.5	0.2786
8	0.000		0.2554	4.226	937.8	0.2554	8.206	988.5	0.2403
9	0.000		0.2296	3.140	823.5	0.2296	6.035	848.8	0.2159
10	0.000		0.2187	0.910	629.1	0.2187	1.750	634.7	0.2056

	Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)		
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)
EFPD	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13
1	1.852	623.5	0.7396	2.407	625.4	0.7396	3.145	641.2	0.7396
2	7.902	864.3	0.7339	10.318	865.7	0.7352	13.334	924.1	0.7355
3	10.681	974.1	0.6555	13.881	960.5	0.6637	17.753	1022.5	0.6657
4	10.699	1019.8	0.5140	14.181	1007.2	0.5283	18.294	1061.5	0.5315
5	10.686	1056.6	0.4076	14.409	1048.8	0.4209	18.668	1086.0	0.4232
6	10.358	1036.9	0.3374	14.014	1037.1	0.3481	18.109	1058.6	0.3499
7	9.851	984.5	0.2798	13.255	993.9	0.2883	16.981	999.8	0.2899
8	8.482	899.6	0.2413	11.408	917.7	0.2487	14.579	917.7	0.2504
9	6.221	774.1	0.2168	8.202	785.1	0.2232	10.326	782.1	0.2251
10	1.799	611.9	0.2064	2.303	613.1	0.2123	2.852	613.2	0.2143

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number G9								
	Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)		
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)
EFPD	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14
1	3.795	639.4	0.7396	4.083	615.5	0.7396	4.589	625.5	0.7396
2	15.823	887.0	0.7354	16.883	769.5	0.7358	18.739	810.3	0.7365
3	20.806	949.1	0.6665	22.097	803.5	0.6696	24.481	871.8	0.6737
4	21.405	958.6	0.5353	22.799	826.4	0.5427	25.523	927.9	0.5508
5	21.845	969.5	0.4295	23.395	862.5	0.4392	26.461	988.2	0.4481
6	21.216	958.0	0.3570	22.876	888.9	0.3672	26.017	1002.1	0.3747
7	19.913	929.6	0.2971	21.676	914.6	0.3069	24.750	989.8	0.3127
8	17.170	877.1	0.2574	19.085	953.7	0.2676	21.898	943.5	0.2720
9	12.113	765.5	0.2315	13.647	860.3	0.2406	15.643	813.2	0.2443
10	3.319	610.3	0.2199	3.735	632.3	0.2276	4.267	621.5	0.2310

	Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	211 Cy 14	211 Cy 14	211 Cy 14
1	5.242	627.4	0.7396
2	21.076	811.0	0.7371
3	27.526	878.2	0.6778
4	28.992	934.4	0.5587
5	30.252	979.4	0.4558
6	29.807	979.3	0.3809
7	28.382	956.9	0.3176
8	25.202	912.1	0.2760
9	18.017	797.5	0.2477
10	4.922	620.1	0.2345

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number G10								
	Datapoint 7 (BOC Cy 12)			Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)		
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)
EFPD	BOC Cy 12	BOC Cy 12	BOC Cy 12	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13
1	0.000		0.7396	0.895	637.0	0.7396	1.754	647.1	0.7396
2	0.000		0.7368	3.716	908.3	0.7368	7.474	991.4	0.7346
3	0.000	Data Not	0.6744	5.013	1031.7	0.6744	10.094	1156.5	0.6604
4	0.000	Required	0.5447	5.124	1045.7	0.5447	10.073	1134.8	0.5217
5	0.000		0.4364	5.209	1056.6	0.4364	10.006	1110.3	0.4154
6	0.000		0.3627	5.046	1035.8	0.3627	9.633	1077.4	0.3452
7	0.000		0.3022	4.743	998.3	0.3022	9.075	1039.0	0.2876
8	0.000		0.2623	4.015	914.2	0.2623	7.737	952.7	0.2492
9	0.000		0.2368	2.946	804.4	0.2368	5.624	823.1	0.2249
10	0.000		0.2260	0.835	623.3	0.2260	1.595	627.6	0.2147

	Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)		
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)
EFPD	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13
1	1.815	633.7	0.7396	2.527	645.2	0.7396	3.167	629.8	0.7396
2	7.757	940.0	0.7347	10.788	965.5	0.7347	13.350	857.9	0.7357
3	10.495	1114.8	0.6604	14.250	1054.4	0.6610	17.454	922.0	0.6675
4	10.480	1126.9	0.5215	14.169	1042.7	0.5237	17.602	955.2	0.5371
5	10.402	1105.1	0.4150	14.082	1041.2	0.4179	17.703	983.3	0.4320
6	9.999	1049.0	0.3449	13.514	1012.7	0.3478	17.059	971.8	0.3603
7	9.398	974.5	0.2874	12.633	966.3	0.2904	15.982	942.8	0.3011
8	7.998	878.5	0.2493	10.765	893.5	0.2523	13.774	894.9	0.2618
9	5.798	757.6	0.2250	7.677	771.7	0.2280	9.800	781.9	0.2363
10	1.640	607.7	0.2149	2.117	610.1	0.2178	2.657	612.4	0.2253

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number G10								
	Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)		
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)
EFPD	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14
1	3.646	617.4	0.7396	3.891	606.8	0.7396	4.394	625.1	0.7396
2	15.169	785.6	0.7366	16.061	732.6	0.7372	17.937	813.5	0.7377
3	19.715	828.9	0.6737	20.806	760.6	0.6774	23.193	872.1	0.6806
4	20.098	862.8	0.5507	21.347	794.3	0.5594	24.036	922.1	0.5657
5	20.472	904.0	0.4486	21.961	848.2	0.4605	24.950	974.3	0.4669
6	19.921	918.5	0.3760	21.568	885.9	0.3881	24.633	988.1	0.3936
7	18.855	920.2	0.3149	20.627	916.8	0.3259	23.643	979.3	0.3301
8	16.509	898.7	0.2741	18.301	922.1	0.2840	21.062	934.3	0.2871
9	11.843	799.7	0.2470	13.248	829.7	0.2556	15.221	810.0	0.2582
10	3.196	618.0	0.2349	3.576	625.9	0.2428	4.084	618.8	0.2449

	Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	211 Cy 14	211 Cy 14	211 Cy 14
1	4.884	609.8	0.7396
2	19.731	745.4	0.7382
3	25.506	789.4	0.6847
4	26.708	831.7	0.5755
5	27.938	870.8	0.4791
6	27.658	875.4	0.4052
7	26.549	860.5	0.3402
8	23.716	829.5	0.2960
9	17.124	744.3	0.2662
10	4.575	605.2	0.2520

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number G11								
	Datapoint 7 (BOC Cy 12)			Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)		
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)
EFPD	BOC Cy 12	BOC Cy 12	BOC Cy 12	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13
1	0.000		0.7396	0.909	638.2	0.7396	1.731	643.1	0.7396
2	0.000		0.7368	3.718	908.5	0.7368	7.286	963.5	0.7353
3	0.000	Data Not	0.6760	4.888	1016.0	0.6760	9.704	1113.4	0.6656
4	0.000	Required	0.5515	4.860	1012.6	0.5515	9.539	1091.8	0.5327
5	0.000		0.4460	4.966	1025.7	0.4460	9.554	1077.5	0.4277
6	0.000		0.3719	4.946	1023.3	0.3719	9.437	1062.7	0.3561
7	0.000		0.3086	4.869	1013.7	0.3086	9.319	1056.5	0.2953
8	0.000		0.2655	4.287	944.6	0.2655	8.363	1001.9	0.2532
9	0.000		0.2374	3.238	833.3	0.2374	6.304	869.6	0.2257
10	0.000		0.2256	0.930	630.7	0.2256	1.816	639.0	0.2142

	Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)		
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)
EFPD	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13
1	1.765	599.8	0.7396	2.289	621.5	0.7396	2.693	603.0	0.7396
2	7.443	748.5	0.7356	9.703	842.1	0.7368	11.362	740.0	0.7379
3	9.931	828.1	0.6671	12.837	914.2	0.6747	14.955	780.3	0.6825
4	9.809	890.4	0.5360	12.832	932.3	0.5513	15.203	811.2	0.5705
5	9.885	989.3	0.4316	12.995	945.9	0.4481	15.621	843.5	0.4736
6	9.790	1026.3	0.3593	12.815	932.7	0.3746	15.500	851.0	0.4004
7	9.633	960.8	0.2975	12.481	905.5	0.3114	15.315	870.8	0.3365
8	8.612	859.3	0.2549	11.053	846.3	0.2677	13.861	867.5	0.2915
9	6.468	745.6	0.2273	8.149	746.5	0.2389	10.233	777.1	0.2598
10	1.857	604.0	0.2156	2.283	604.9	0.2261	2.812	611.3	0.2442

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number G11								
	Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)		
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)
EFPD	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14
1	3.025	599.1	0.7396	3.210	594.9	0.7396	3.827	640.9	0.7396
2	12.687	717.8	0.7388	13.391	692.9	0.7392	15.883	916.9	0.7389
3	16.658	753.7	0.6887	17.520	714.3	0.6919	20.876	1042.8	0.6897
4	17.153	786.0	0.5855	18.145	740.4	0.5936	21.483	1039.2	0.5869
5	17.846	823.7	0.4934	19.038	781.9	0.5053	22.307	1026.2	0.4963
6	17.841	840.3	0.4203	19.161	809.7	0.4332	22.281	998.2	0.4248
7	17.717	849.0	0.3543	19.125	829.5	0.3663	22.078	967.8	0.3592
8	16.186	837.8	0.3075	17.633	838.5	0.3187	20.335	924.3	0.3128
9	12.023	765.5	0.2745	13.202	779.7	0.2850	15.087	797.0	0.2805
10	3.287	611.2	0.2578	3.610	616.0	0.2678	4.093	615.7	0.2642

	Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	211 Cy 14	211 Cy 14	211 Cy 14
1	4.329	611.1	0.7396
2	17.778	757.2	0.7393
3	23.206	791.4	0.6928
4	23.969	809.4	0.5944
5	24.945	827.5	0.5060
6	24.895	824.6	0.4345
7	24.595	813.1	0.3680
8	22.725	798.2	0.3210
9	17.239	771.3	0.2910
10	4.731	618.6	0.2756

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number H1								
	Datapoint 7 (BOC Cy 12)			Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)		
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)
EFPD	BOC Cy 12	BOC Cy 12	BOC Cy 12	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13
1	0.000		0.7396	0.845	632.3	0.7396	1.648	641.0	0.7396
2	0.000		0.7379	3.509	884.0	0.7379	7.025	955.4	0.7363
3	0.000	Data Not	0.6827	4.746	998.0	0.6827	9.550	1110.6	0.6703
4	0.000	Required	0.5606	4.866	1012.6	0.5606	9.551	1091.8	0.5390
5	0.000		0.4532	4.964	1024.8	0.4532	9.501	1068.9	0.4331
6	0.000		0.3782	4.810	1005.8	0.3782	9.138	1037.5	0.3615
7	0.000		0.3160	4.535	972.7	0.3160	8.613	1001.4	0.3023
8	0.000		0.2740	4.023	914.5	0.2740	7.646	938.9	0.2621
9	0.000		0.2469	2.820	792.0	0.2469	5.343	804.9	0.2363
10	0.000		0.2360	0.789	619.8	0.2360	1.497	622.8	0.2259

	Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)		
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)
EFPD	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13
1	1.679	596.1	0.7396	2.333	637.7	0.7396	2.959	628.1	0.7396
2	7.195	764.7	0.7365	10.043	934.1	0.7364	12.596	856.3	0.7371
3	9.932	1077.6	0.6717	13.644	1046.1	0.6714	16.835	919.7	0.6762
4	9.966	1140.9	0.5399	13.630	1037.6	0.5397	17.031	949.9	0.5504
5	9.901	1113.7	0.4331	13.545	1034.0	0.4330	17.119	975.7	0.4447
6	9.506	1053.1	0.3613	12.975	1004.2	0.3614	16.470	963.8	0.3718
7	8.936	973.9	0.3021	12.114	956.4	0.3026	15.420	936.1	0.3114
8	7.909	880.1	0.2621	10.633	886.6	0.2629	13.607	889.5	0.2707
9	5.511	750.1	0.2364	7.310	761.3	0.2376	9.397	777.3	0.2446
10	1.539	605.5	0.2260	1.994	607.8	0.2274	2.522	611.2	0.2336

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number H1								
	Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)		
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)
EFPD	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14
1	3.426	615.9	0.7396	3.661	604.8	0.7396	3.987	601.2	0.7396
2	14.401	783.1	0.7379	15.278	729.2	0.7384	16.680	740.5	0.7389
3	19.076	825.6	0.6815	20.149	756.5	0.6849	22.600	882.5	0.6890
4	19.497	857.9	0.5628	20.724	789.2	0.5711	23.782	986.6	0.5784
5	19.851	897.8	0.4602	21.314	841.5	0.4718	24.700	1047.9	0.4771
6	19.292	911.6	0.3867	20.906	877.6	0.3985	24.227	1035.3	0.4011
7	18.254	913.4	0.3245	19.990	907.5	0.3353	23.104	996.4	0.3361
8	16.291	890.5	0.2820	18.044	911.5	0.2916	20.858	943.0	0.2919
9	11.397	793.4	0.2546	12.772	822.8	0.2631	14.768	813.0	0.2635
10	3.044	616.1	0.2426	3.413	623.8	0.2503	3.923	618.8	0.2505

	Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	211 Cy 14	211 Cy 14	211 Cy 14
1	4.569	619.6	0.7396
2	18.889	794.6	0.7393
3	25.409	848.0	0.6917
4	26.757	868.8	0.5844
5	27.781	882.2	0.4845
6	27.224	871.4	0.4084
7	25.929	849.9	0.3428
8	23.403	816.2	0.2981
9	16.561	732.4	0.2692
10	4.378	602.0	0.2556

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number H2								
	Datapoint 7 (BOC Cy 12)			Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)		
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)
EFPD	BOC Cy 12	BOC Cy 12	BOC Cy 12	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13
1	0.000		0.7396	0.851	632.9	0.7396	1.548	629.7	0.7396
2	0.000		0.7374	3.595	893.8	0.7374	6.766	907.0	0.7370
3	0.000	Data Not	0.6783	4.948	1022.9	0.6783	9.525	1075.3	0.6740
4	0.000	Required	0.5504	5.065	1037.5	0.5504	9.713	1086.1	0.5411
5	0.000		0.4416	5.121	1044.5	0.4416	9.695	1074.7	0.4320
6	0.000		0.3677	4.935	1021.2	0.3677	9.338	1048.6	0.3591
7	0.000		0.3069	4.640	985.3	0.3069	8.878	1024.3	0.2994
8	0.000		0.2661	4.083	921.2	0.2661	7.863	960.1	0.2588
9	0.000		0.2398	2.874	797.2	0.2398	5.504	817.4	0.2327
10	0.000		0.2292	0.794	620.2	0.2292	1.518	624.3	0.2224

	Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)		
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)
EFPD	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13
1	1.600	622.1	0.7396	2.321	646.2	0.7396	3.000	634.2	0.7396
2	7.003	864.5	0.7371	10.111	978.0	0.7360	12.924	893.2	0.7363
3	9.865	1001.4	0.6744	13.817	1089.3	0.6684	17.475	988.6	0.6706
4	10.082	1052.9	0.5416	14.019	1086.5	0.5337	17.881	1020.3	0.5388
5	10.106	1134.1	0.4322	14.073	1092.1	0.4252	18.036	1036.2	0.4305
6	9.756	1146.9	0.3589	13.563	1062.9	0.3529	17.390	1014.7	0.3576
7	9.250	1059.9	0.2989	12.771	1013.0	0.2940	16.479	996.2	0.2981
8	8.164	939.1	0.2584	11.170	929.6	0.2544	14.567	949.6	0.2578
9	5.689	771.9	0.2325	7.615	777.8	0.2295	9.937	806.2	0.2322
10	1.564	609.2	0.2222	2.048	610.8	0.2198	2.635	616.8	0.2221

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number H2								
	Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)		
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)
EFPD	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14
1	3.602	633.1	0.7396	3.944	626.4	0.7396	4.251	598.7	0.7396
2	15.313	870.6	0.7366	16.600	822.0	0.7370	17.814	714.3	0.7378
3	20.550	952.1	0.6731	22.132	869.6	0.6758	23.787	762.8	0.6810
4	21.113	978.0	0.5443	22.811	897.9	0.5503	24.763	805.2	0.5627
5	21.412	1002.7	0.4368	23.291	943.8	0.4440	25.483	841.2	0.4601
6	20.778	1004.9	0.3633	22.762	971.4	0.3701	24.955	841.4	0.3857
7	19.811	995.1	0.3027	21.871	992.3	0.3085	23.954	824.5	0.3222
8	17.612	947.3	0.2614	19.627	980.2	0.2662	21.484	791.3	0.2786
9	12.091	814.8	0.2350	13.601	854.2	0.2390	14.862	710.5	0.2503
10	3.199	620.7	0.2246	3.607	630.7	0.2281	3.905	594.7	0.2380

	Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	211 Cy 14	211 Cy 14	211 Cy 14
1	5.024	640.5	0.7396
2	20.601	869.1	0.7376
3	27.215	928.3	0.6812
4	28.355	950.7	0.5644
5	29.174	964.4	0.4627
6	28.541	949.8	0.3884
7	27.332	921.4	0.3249
8	24.543	879.6	0.2813
9	17.055	776.4	0.2529
10	4.494	614.2	0.2402

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number H3								
	Datapoint 7 (BOC Cy 12)			Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)		
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)
EFPD	BOC Cy 12	BOC Cy 12	BOC Cy 12	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13
1	0.000		0.7396	0.815	629.6	0.7396	1.596	638.6	0.7396
2	0.000		0.7383	3.417	873.6	0.7383	6.894	949.8	0.7363
3	0.000	Data Not	0.6843	4.664	988.2	0.6843	9.555	1124.5	0.6692
4	0.000	Required	0.5629	4.811	1005.9	0.5629	9.703	1124.7	0.5350
5	0.000		0.4550	4.944	1022.3	0.4550	9.757	1111.9	0.4275
6	0.000		0.3788	4.903	1017.2	0.3788	9.600	1093.6	0.3547
7	0.000		0.3135	4.979	1026.6	0.3135	9.599	1081.8	0.2933
8	0.000		0.2665	4.758	999.6	0.2665	9.034	1030.2	0.2499
9	0.000		0.2358	3.431	852.7	0.2358	6.496	869.3	0.2215
10	0.000		0.2235	0.971	633.7	0.2235	1.846	637.9	0.2101

	Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)		
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)
EFPD	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13
1	1.657	633.6	0.7396	2.429	652.8	0.7396	3.184	643.1	0.7396
2	7.180	944.5	0.7362	10.517	1018.6	0.7349	13.632	938.5	0.7350
3	9.959	1119.6	0.6688	14.168	1137.6	0.6610	18.183	1044.9	0.6624
4	10.119	1142.2	0.5339	14.210	1115.4	0.5229	18.351	1065.3	0.5253
5	10.182	1160.7	0.4262	14.234	1107.9	0.4164	18.412	1071.6	0.4183
6	10.006	1122.9	0.3535	13.842	1068.3	0.3455	17.827	1039.9	0.3471
7	9.957	1034.7	0.2924	13.439	1006.4	0.2870	17.147	996.2	0.2886
8	9.325	922.1	0.2494	12.275	920.9	0.2464	15.554	932.5	0.2482
9	6.676	766.2	0.2213	8.583	775.2	0.2199	10.814	794.9	0.2221
10	1.891	608.1	0.2100	2.374	610.7	0.2094	2.947	615.5	0.2115

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number H3								
	Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)		
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)
EFPD	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14
1	3.808	635.9	0.7396	4.142	624.8	0.7396	4.656	626.5	0.7396
2	16.085	880.8	0.7354	17.335	813.0	0.7359	19.233	816.5	0.7365
3	21.306	960.0	0.6655	22.851	860.8	0.6688	25.255	874.6	0.6726
4	21.611	982.8	0.5321	23.294	894.2	0.5391	25.999	924.3	0.5471
5	21.811	1006.6	0.4257	23.687	942.9	0.4340	26.681	974.6	0.4429
6	21.224	1006.4	0.3539	23.204	970.5	0.3617	26.252	984.2	0.3697
7	20.459	991.8	0.2942	22.516	991.3	0.3009	25.486	970.2	0.3075
8	18.561	941.4	0.2529	20.566	977.2	0.2585	23.253	921.2	0.2642
9	12.939	810.8	0.2262	14.433	850.5	0.2311	16.346	800.6	0.2363
10	3.509	620.4	0.2153	3.914	630.1	0.2197	4.413	617.7	0.2245

	Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	211 Cy 14	211 Cy 14	211 Cy 14
1	5.176	613.0	0.7396
2	21.094	753.0	0.7371
3	27.613	794.2	0.6771
4	28.688	833.3	0.5578
5	29.666	870.0	0.4565
6	29.259	872.9	0.3827
7	28.359	856.0	0.3189
8	25.861	823.7	0.2744
9	18.220	741.0	0.2459
10	4.904	605.1	0.2331

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number H4								
	Datapoint 7 (BOC Cy 12)			Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)		
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)
EFPD	BOC Cy 12	BOC Cy 12	BOC Cy 12	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13
1	0.000		0.7396	0.840	631.9	0.7396	1.579	634.1	0.7396
2	0.000		0.7377	3.534	886.8	0.7377	6.864	929.0	0.7366
3	0.000	Data Not	0.6800	4.887	1015.3	0.6800	9.639	1102.4	0.6713
4	0.000	Required	0.5527	5.056	1036.3	0.5527	9.821	1104.4	0.5367
5	0.000		0.4433	5.146	1047.7	0.4433	9.803	1087.4	0.4279
6	0.000		0.3686	4.965	1024.9	0.3686	9.432	1058.3	0.3554
7	0.000		0.3073	4.653	986.9	0.3073	8.931	1030.1	0.2961
8	0.000		0.2663	4.079	920.7	0.2663	7.876	962.4	0.2560
9	0.000		0.2402	2.842	794.1	0.2402	5.455	815.4	0.2305
10	0.000		0.2297	0.789	619.8	0.2297	1.513	624.2	0.2204

	Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)		
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)
EFPD	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13
1	1.640	633.6	0.7396	2.380	648.6	0.7396	3.185	649.0	0.7396
2	7.146	936.0	0.7366	10.323	990.3	0.7356	13.631	968.5	0.7352
3	10.032	1097.7	0.6709	14.102	1111.4	0.6648	18.374	1087.4	0.6630
4	10.231	1131.1	0.5359	14.315	1113.9	0.5267	18.728	1111.5	0.5238
5	10.226	1158.7	0.4268	14.355	1122.3	0.4179	18.808	1118.5	0.4147
6	9.837	1122.2	0.3543	13.780	1087.7	0.3464	18.018	1081.7	0.3433
7	9.293	1042.4	0.2951	12.901	1028.0	0.2885	16.806	1027.1	0.2859
8	8.175	935.8	0.2553	11.256	941.4	0.2497	14.650	949.3	0.2475
9	5.640	772.3	0.2300	7.606	783.0	0.2256	9.856	797.4	0.2236
10	1.559	609.7	0.2200	2.055	611.9	0.2163	2.626	615.4	0.2145

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number H4								
	Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)		
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)
EFPD	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14
1	3.810	636.0	0.7396	4.160	628.1	0.7396	4.609	617.7	0.7396
2	16.085	880.8	0.7352	17.383	824.6	0.7355	19.142	794.5	0.7364
3	21.474	956.2	0.6640	23.057	869.8	0.6665	25.432	870.0	0.6717
4	21.917	971.0	0.5281	23.613	897.3	0.5341	26.310	922.8	0.5443
5	22.145	995.9	0.4219	24.008	939.9	0.4294	26.902	956.6	0.4401
6	21.504	1022.0	0.3519	23.511	978.0	0.3594	26.332	943.9	0.3684
7	20.499	1059.2	0.2942	22.730	1040.7	0.3012	25.392	916.8	0.3087
8	17.965	992.6	0.2528	20.233	1051.5	0.2589	22.655	877.5	0.2657
9	12.137	833.0	0.2272	13.794	890.1	0.2317	15.468	766.4	0.2380
10	3.219	623.8	0.2174	3.665	637.3	0.2210	4.085	608.5	0.2268

	Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	211 Cy 14	211 Cy 14	211 Cy 14
1	5.363	638.4	0.7396
2	21.832	856.3	0.7368
3	28.712	908.3	0.6748
4	29.666	918.4	0.5509
5	30.326	927.6	0.4475
6	29.654	913.9	0.3754
7	28.533	890.0	0.3149
8	25.541	857.6	0.2717
9	17.532	761.9	0.2439
10	4.624	609.5	0.2325

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number H5								
	Datapoint 7 (BOC Cy 12)			Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)		
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)
EFPD	BOC Cy 12	BOC Cy 12	BOC Cy 12	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13
1	0.000		0.7396	0.822	630.2	0.7396	1.630	641.5	0.7396
2	0.000		0.7382	3.437	875.8	0.7382	7.020	965.1	0.7358
3	0.000	Data Not	0.6840	4.645	985.8	0.6840	9.611	1136.7	0.6670
4	0.000	Required	0.5641	4.729	995.9	0.5641	9.609	1122.8	0.5333
5	0.000		0.4578	4.858	1011.6	0.4578	9.619	1103.9	0.4276
6	0.000		0.3819	4.847	1010.3	0.3819	9.491	1085.3	0.3557
7	0.000		0.3162	4.963	1024.6	0.3162	9.546	1076.0	0.2946
8	0.000		0.2685	4.780	1002.2	0.2685	9.069	1032.1	0.2509
9	0.000		0.2372	3.461	855.8	0.2372	6.561	873.6	0.2221
10	0.000		0.2246	0.987	635.0	0.2246	1.880	639.5	0.2105

	Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)		
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)
EFPD	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13
1	1.689	631.0	0.7396	2.347	638.2	0.7396	3.119	645.1	0.7396
2	7.287	912.6	0.7358	10.140	934.8	0.7359	13.368	956.0	0.7357
3	9.984	1062.4	0.6671	13.751	1055.9	0.6670	18.022	1087.4	0.6655
4	10.001	1095.9	0.5332	13.889	1077.6	0.5319	18.332	1116.8	0.5283
5	10.020	1112.7	0.4272	13.994	1093.3	0.4245	18.455	1120.0	0.4200
6	9.870	1073.1	0.3552	13.665	1060.9	0.3523	17.866	1075.5	0.3482
7	9.888	1006.5	0.2943	13.368	1006.1	0.2922	17.154	1008.3	0.2893
8	9.366	931.8	0.2508	12.415	936.2	0.2501	15.628	923.2	0.2486
9	6.755	784.1	0.2222	8.788	791.6	0.2225	10.904	781.0	0.2222
10	1.929	613.4	0.2106	2.457	615.3	0.2114	3.006	613.2	0.2115

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number H5								
	Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)		
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)
EFPD	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14
1	3.857	650.8	0.7396	4.298	647.0	0.7396	4.815	627.0	0.7396
2	16.287	958.2	0.7354	17.920	909.3	0.7356	19.906	830.4	0.7362
3	21.710	1058.1	0.6644	23.669	965.2	0.6659	26.298	911.3	0.6700
4	22.029	1059.9	0.5277	24.050	981.5	0.5311	26.959	959.5	0.5392
5	22.186	1066.0	0.4200	24.350	1021.2	0.4239	27.422	988.7	0.4322
6	21.545	1056.5	0.3484	23.803	1048.4	0.3518	26.801	975.1	0.3590
7	20.702	1032.9	0.2893	23.042	1072.5	0.2919	25.953	959.8	0.2982
8	18.786	966.1	0.2486	21.033	1045.5	0.2504	23.784	932.1	0.2560
9	13.087	819.0	0.2221	14.724	885.1	0.2234	16.635	800.5	0.2283
10	3.596	623.4	0.2115	4.052	639.1	0.2126	4.544	616.9	0.2171

	Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	211 Cy 14	211 Cy 14	211 Cy 14
1	5.591	640.9	0.7396
2	22.644	862.6	0.7366
3	29.651	917.9	0.6730
4	30.443	935.7	0.5457
5	30.984	946.5	0.4395
6	30.248	930.8	0.3659
7	29.224	907.0	0.3045
8	26.840	879.2	0.2619
9	18.859	779.9	0.2341
10	5.142	614.9	0.2226

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number H6								
	Datapoint 7 (BOC Cy 12)			Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)		
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)
EFPD	BOC Cy 12	BOC Cy 12	BOC Cy 12	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13
1	0.000		0.7396	0.898	637.1	0.7396	1.782	649.7	0.7396
2	0.000		0.7362	3.760	912.8	0.7362	7.675	1014.5	0.7335
3	0.000	Data Not	0.6704	5.118	1044.3	0.6704	10.438	1195.6	0.6527
4	0.000	Required	0.5365	5.232	1058.8	0.5365	10.412	1172.0	0.5088
5	0.000		0.4276	5.338	1072.5	0.4276	10.378	1148.8	0.4024
6	0.000		0.3540	5.232	1058.8	0.3540	10.098	1120.5	0.3328
7	0.000		0.2930	5.064	1037.3	0.2930	9.763	1094.1	0.2753
8	0.000		0.2513	4.590	979.5	0.2513	8.844	1027.0	0.2359
9	0.000		0.2244	3.260	835.3	0.2244	6.255	860.8	0.2106
10	0.000		0.2134	0.927	630.3	0.2134	1.780	635.9	0.2004

	Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)		
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)
EFPD	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13
1	1.831	618.4	0.7396	2.366	622.8	0.7396	3.075	637.7	0.7396
2	7.890	830.2	0.7337	10.203	849.5	0.7352	13.172	916.2	0.7355
3	10.743	944.9	0.6540	13.921	956.6	0.6631	17.963	1049.3	0.6649
4	10.754	1005.9	0.5112	14.253	1009.3	0.5269	18.579	1096.6	0.5285
5	10.744	1047.7	0.4047	14.461	1047.1	0.4192	18.859	1108.9	0.4195
6	10.453	1027.9	0.3346	14.063	1028.3	0.3463	18.211	1066.8	0.3464
7	10.088	977.1	0.2768	13.430	983.0	0.2863	17.153	998.6	0.2867
8	9.126	908.3	0.2372	12.048	916.6	0.2457	15.169	910.3	0.2468
9	6.439	770.8	0.2117	8.376	778.9	0.2195	10.403	770.3	0.2212
10	1.830	613.4	0.2015	2.344	614.0	0.2088	2.880	611.9	0.2108

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number H6								
	Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)		
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)
EFPD	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14
1	3.841	654.5	0.7396	4.316	654.2	0.7396	4.743	614.7	0.7396
2	16.214	980.0	0.7351	17.984	946.5	0.7351	19.622	776.0	0.7359
3	21.851	1095.4	0.6628	23.982	1012.0	0.6635	26.280	858.0	0.6690
4	22.430	1088.3	0.5257	24.559	1011.5	0.5276	27.359	940.6	0.5388
5	22.678	1082.4	0.4174	24.909	1040.6	0.4197	28.063	1003.6	0.4315
6	21.925	1062.9	0.3450	24.241	1065.4	0.3472	27.381	1001.1	0.3570
7	20.680	1029.3	0.2858	23.072	1088.1	0.2874	26.043	970.5	0.2953
8	18.264	955.8	0.2460	20.553	1057.6	0.2470	23.212	916.6	0.2538
9	12.506	807.9	0.2206	14.167	890.9	0.2210	16.020	791.9	0.2272
10	3.457	622.0	0.2104	3.929	642.1	0.2106	4.416	616.0	0.2162

	Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	211 Cy 14	211 Cy 14	211 Cy 14
1	5.511	640.0	0.7396
2	22.343	860.2	0.7363
3	29.733	931.5	0.6720
4	31.069	967.4	0.5446
5	31.930	989.9	0.4375
6	31.151	975.8	0.3625
7	29.577	942.7	0.3003
8	26.370	892.4	0.2584
9	18.248	780.4	0.2316
10	5.023	615.7	0.2204

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number H7								
	Datapoint 7 (BOC Cy 12)			Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)		
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)
EFPD	BOC Cy 12	BOC Cy 12	BOC Cy 12	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13
1	0.000		0.7396	0.903	637.6	0.7396	1.726	643.1	0.7396
2	0.000		0.7362	3.785	915.9	0.7362	7.444	976.0	0.7346
3	0.000	Data Not	0.6703	5.158	1049.4	0.6703	10.205	1149.9	0.6594
4	0.000	Required	0.5357	5.288	1066.1	0.5357	10.287	1142.0	0.5176
5	0.000		0.4263	5.368	1076.4	0.4263	10.255	1123.9	0.4096
6	0.000		0.3533	5.194	1053.9	0.3533	9.896	1094.5	0.3390
7	0.000		0.2936	4.898	1016.6	0.2936	9.416	1066.1	0.2814
8	0.000		0.2535	4.328	948.9	0.2535	8.369	996.4	0.2424
9	0.000		0.2279	3.042	813.5	0.2279	5.853	838.6	0.2175
10	0.000		0.2174	0.861	625.2	0.2174	1.657	630.8	0.2075

	Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)		
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)
EFPD	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13
1	1.752	590.0	0.7396	2.041	592.9	0.7396	2.415	599.6	0.7396
2	7.568	704.8	0.7348	8.881	711.3	0.7368	10.546	740.2	0.7383
3	10.386	765.8	0.6609	12.252	768.7	0.6740	14.590	806.7	0.6843
4	10.503	811.5	0.5213	12.698	811.9	0.5517	15.379	850.2	0.5732
5	10.495	846.7	0.4144	12.941	846.2	0.4525	15.798	873.4	0.4766
6	10.132	840.3	0.3435	12.548	842.1	0.3795	15.296	859.0	0.4016
7	9.636	818.8	0.2853	12.012	836.5	0.3179	14.517	827.7	0.3371
8	8.669	938.2	0.2475	11.469	898.3	0.2810	13.690	792.5	0.2966
9	6.090	843.8	0.2221	8.447	835.5	0.2536	9.912	706.3	0.2667
10	1.714	620.4	0.2110	2.303	621.9	0.2374	2.662	595.1	0.2497

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number H7								
	Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)		
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)
EFPD	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14
1	2.945	623.8	0.7396	3.421	654.5	0.7396	4.118	652.0	0.7396
2	12.722	837.5	0.7385	14.507	950.7	0.7382	17.191	951.3	0.7379
3	17.347	901.7	0.6863	19.434	999.8	0.6847	22.770	1038.1	0.6826
4	18.215	913.9	0.5772	20.300	999.2	0.5745	23.668	1044.4	0.5698
5	18.723	928.0	0.4806	20.934	1034.9	0.4771	24.338	1051.1	0.4713
6	18.213	926.6	0.4051	20.530	1065.7	0.4013	23.828	1030.9	0.3961
7	17.334	910.9	0.3398	19.734	1090.6	0.3354	22.873	1000.9	0.3311
8	16.276	875.7	0.2985	18.547	1052.4	0.2934	21.354	941.9	0.2894
9	11.905	792.4	0.2692	13.564	890.2	0.2639	15.496	803.6	0.2605
10	3.200	617.8	0.2524	3.663	640.6	0.2475	4.168	618.2	0.2450

	Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	211 Cy 14	211 Cy 14	211 Cy 14
1	4.904	642.0	0.7396
2	20.011	873.8	0.7380
3	26.216	930.5	0.6839
4	27.252	949.5	0.5722
5	28.036	965.7	0.4732
6	27.439	953.3	0.3977
7	26.315	930.0	0.3327
8	24.504	891.3	0.2905
9	17.850	794.7	0.2615
10	4.826	620.4	0.2465

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number H8								
	Datapoint 7 (BOC Cy 12)			Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)		
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)
EFPD	BOC Cy 12	BOC Cy 12	BOC Cy 12	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13
1	0.000		0.7396	0.831	631.0	0.7396	1.596	636.9	0.7396
2	0.000		0.7382	3.475	880.2	0.7382	6.831	932.6	0.7369
3	0.000	Data Not	0.6841	4.710	993.7	0.6841	9.340	1083.2	0.6747
4	0.000	Required	0.5629	4.840	1009.4	0.5629	9.414	1074.7	0.5457
5	0.000		0.4554	4.941	1022.0	0.4554	9.406	1058.0	0.4389
6	0.000		0.3802	4.786	1002.9	0.3802	9.061	1029.7	0.3664
7	0.000		0.3178	4.507	969.4	0.3178	8.557	997.3	0.3063
8	0.000		0.2756	3.988	910.7	0.2756	7.591	936.2	0.2655
9	0.000		0.2486	2.774	787.7	0.2486	5.266	801.4	0.2394
10	0.000		0.2378	0.754	617.2	0.2378	1.434	620.4	0.2290

	Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)		
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)
EFPD	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13
1	1.656	632.3	0.7396	2.271	632.8	0.7396	2.788	615.7	0.7396
2	7.106	925.1	0.7369	9.769	903.9	0.7372	11.879	796.6	0.7384
3	9.713	1061.4	0.6746	13.056	983.0	0.6764	15.706	846.3	0.6836
4	9.781	1049.3	0.5455	13.079	975.7	0.5505	15.971	878.3	0.5666
5	9.759	1025.5	0.4388	13.065	976.9	0.4450	16.203	912.2	0.4640
6	9.387	979.3	0.3663	12.556	954.7	0.3726	15.677	909.7	0.3901
7	8.846	919.0	0.3064	11.779	917.9	0.3125	14.770	891.8	0.3277
8	7.832	847.7	0.2658	10.394	863.1	0.2717	13.131	857.6	0.2853
9	5.424	737.3	0.2398	7.155	752.6	0.2455	9.118	762.5	0.2579
10	1.475	603.4	0.2294	1.919	606.7	0.2349	2.418	608.3	0.2461

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number H8								
	Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)		
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)
EFPD	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14
1	3.154	603.2	0.7396	3.338	594.6	0.7396	3.857	627.2	0.7396
2	13.307	731.3	0.7392	14.002	702.4	0.7396	16.070	872.7	0.7396
3	17.486	763.3	0.6896	18.337	712.0	0.6925	21.044	924.6	0.6939
4	17.989	795.0	0.5810	18.984	740.6	0.5891	21.936	967.1	0.5904
5	18.529	837.6	0.4836	19.755	788.9	0.4959	22.899	1002.0	0.4952
6	18.134	856.6	0.4098	19.529	826.2	0.4235	22.642	996.2	0.4215
7	17.277	863.8	0.3455	18.805	856.8	0.3586	21.768	969.0	0.3561
8	15.572	854.4	0.3012	17.142	866.8	0.3131	19.779	912.9	0.3106
9	11.002	777.8	0.2726	12.275	799.7	0.2836	14.072	783.9	0.2812
10	2.911	613.0	0.2595	3.252	619.0	0.2695	3.705	612.3	0.2674

	Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	211 Cy 14	211 Cy 14	211 Cy 14
1	4.709	649.4	0.7396
2	19.189	950.9	0.7394
3	24.853	981.4	0.6915
4	25.848	996.5	0.5858
5	26.909	1010.7	0.4893
6	26.558	996.9	0.4155
7	25.477	967.3	0.3506
8	23.135	918.6	0.3055
9	16.460	798.8	0.2763
10	4.347	618.9	0.2629

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number H9								
	Datapoint 7 (BOC Cy 12)			Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)		
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)
EFPD	BOC Cy 12	BOC Cy 12	BOC Cy 12	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13
1	0.000		0.7396	0.878	635.3	0.7396	1.677	640.5	0.7396
2	0.000		0.7374	3.579	892.1	0.7374	7.039	947.3	0.7360
3	0.000	Data Not	0.6804	4.716	994.4	0.6804	9.434	1096.9	0.6697
4	0.000	Required	0.5592	4.753	998.8	0.5592	9.401	1086.0	0.5389
5	0.000		0.4534	4.897	1016.4	0.4534	9.470	1074.6	0.4332
6	0.000		0.3779	4.908	1017.8	0.3779	9.394	1061.1	0.3604
7	0.000		0.3129	4.924	1019.8	0.3129	9.387	1057.6	0.2984
8	0.000		0.2670	4.624	983.5	0.2670	8.859	1024.1	0.2545
9	0.000		0.2369	3.364	845.8	0.2369	6.455	872.3	0.2256
10	0.000		0.2247	0.972	633.8	0.2247	1.871	640.1	0.2139

	Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)		
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)
EFPD	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13
1	1.719	609.6	0.7396	2.296	628.0	0.7396	2.816	616.0	0.7396
2	7.246	818.7	0.7362	9.780	883.5	0.7370	11.933	802.0	0.7381
3	9.758	977.1	0.6707	13.025	970.6	0.6751	15.754	856.6	0.6824
4	9.753	1024.9	0.5405	13.007	968.4	0.5490	15.946	884.7	0.5649
5	9.824	1025.5	0.4344	13.066	966.7	0.4438	16.181	908.7	0.4621
6	9.723	985.5	0.3614	12.806	941.2	0.3706	15.860	900.3	0.3875
7	9.676	919.5	0.2993	12.488	899.7	0.3082	15.395	880.2	0.3233
8	9.094	838.7	0.2554	11.499	840.7	0.2643	14.141	845.3	0.2782
9	6.607	729.1	0.2266	8.221	738.1	0.2355	10.118	754.7	0.2487
10	1.909	601.8	0.2147	2.322	603.4	0.2231	2.810	607.4	0.2351

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number H9								
	Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)		
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)
EFPD	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14
1	3.197	605.1	0.7396	3.385	595.4	0.7396	3.689	598.3	0.7396
2	13.435	741.2	0.7390	14.149	695.0	0.7394	15.471	746.0	0.7396
3	17.641	777.4	0.6882	18.524	718.1	0.6913	20.875	866.5	0.6951
4	18.053	807.0	0.5788	19.078	746.9	0.5870	22.060	972.9	0.5935
5	18.547	843.5	0.4807	19.789	792.2	0.4930	23.135	1040.1	0.4970
6	18.318	856.7	0.4061	19.698	822.8	0.4195	22.990	1029.7	0.4204
7	17.861	857.9	0.3400	19.344	846.4	0.3526	22.413	988.2	0.3520
8	16.483	840.0	0.2932	17.986	851.0	0.3048	20.733	931.4	0.3042
9	11.889	762.9	0.2627	13.088	783.7	0.2735	15.037	806.0	0.2734
10	3.278	610.4	0.2479	3.602	616.1	0.2578	4.107	618.2	0.2578

	Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	211 Cy 14	211 Cy 14	211 Cy 14
1	4.255	617.9	0.7396
2	17.652	813.9	0.7396
3	23.678	847.3	0.6974
4	25.062	872.1	0.5983
5	26.269	889.0	0.5026
6	26.040	878.4	0.4258
7	25.270	854.0	0.3570
8	23.277	816.1	0.3089
9	16.819	731.2	0.2778
10	4.565	602.3	0.2620

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number H10								
	Datapoint 7 (BOC Cy 12)			Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)		
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)
EFPD	BOC Cy 12	BOC Cy 12	BOC Cy 12	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13
1	0.000		0.7396	0.890	636.4	0.7396	1.791	651.5	0.7396
2	0.000		0.7368	3.659	901.2	0.7368	7.605	1019.1	0.7336
3	0.000	Data Not	0.6745	4.954	1023.6	0.6745	10.293	1199.1	0.6541
4	0.000	Required	0.5452	5.085	1039.9	0.5452	10.233	1166.8	0.5128
5	0.000		0.4369	5.222	1057.5	0.4369	10.199	1138.4	0.4075
6	0.000		0.3622	5.144	1047.5	0.3622	9.935	1108.4	0.3377
7	0.000		0.3001	4.938	1021.5	0.3001	9.521	1076.0	0.2800
8	0.000		0.2580	4.436	961.4	0.2580	8.576	1010.4	0.2406
9	0.000		0.2308	3.190	828.0	0.2308	6.138	854.8	0.2152
10	0.000		0.2195	0.943	631.6	0.2195	1.812	637.3	0.2048

	Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)		
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)
EFPD	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13
1	1.841	619.6	0.7396	2.423	628.7	0.7396	3.125	636.9	0.7396
2	7.828	843.8	0.7338	10.326	877.9	0.7350	13.231	906.8	0.7355
3	10.609	961.2	0.6553	13.953	983.5	0.6625	17.859	1027.4	0.6654
4	10.585	1024.4	0.5148	14.198	1028.8	0.5265	18.424	1079.6	0.5300
5	10.579	1074.2	0.4093	14.382	1062.1	0.4194	18.724	1099.3	0.4212
6	10.305	1056.5	0.3391	13.988	1041.0	0.3469	18.119	1063.9	0.3481
7	9.857	996.8	0.2810	13.249	991.3	0.2873	17.013	1005.0	0.2884
8	8.857	908.0	0.2415	11.766	914.6	0.2472	14.976	922.8	0.2485
9	6.317	764.7	0.2160	8.203	772.4	0.2213	10.310	779.9	0.2230
10	1.860	610.8	0.2055	2.350	611.5	0.2105	2.900	613.2	0.2124

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number H10								
	Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)		
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)
EFPD	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14
1	3.826	645.9	0.7396	4.260	645.6	0.7396	4.861	638.5	0.7396
2	16.004	933.1	0.7355	17.626	906.3	0.7356	19.858	871.4	0.7361
3	21.449	1040.4	0.6655	23.431	970.9	0.6669	26.289	950.7	0.6698
4	22.098	1055.5	0.5305	24.123	982.8	0.5336	27.217	992.8	0.5391
5	22.445	1064.4	0.4221	24.596	1017.5	0.4257	27.859	1024.3	0.4312
6	21.794	1055.8	0.3492	24.041	1045.2	0.3525	27.238	1011.8	0.3572
7	20.569	1034.3	0.2893	22.915	1074.3	0.2919	25.962	984.2	0.2960
8	18.124	964.5	0.2490	20.391	1051.2	0.2509	23.152	933.8	0.2546
9	12.456	813.7	0.2233	14.109	889.1	0.2245	16.028	801.5	0.2279
10	3.479	622.3	0.2127	3.945	641.0	0.2137	4.451	618.3	0.2168

	Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	211 Cy 14	211 Cy 14	211 Cy 14
1	5.701	648.0	0.7396
2	22.798	889.9	0.7363
3	29.925	956.9	0.6718
4	31.009	978.9	0.5433
5	31.747	992.7	0.4357
6	31.006	975.5	0.3616
7	29.530	947.3	0.3001
8	26.419	906.7	0.2584
9	18.407	797.8	0.2316
10	5.110	620.5	0.2204

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number H11								
	Datapoint 7 (BOC Cy 12)			Datapoint 8 (142 EFPD Cy 12)			Statepoint 9 (BOC Cy 13)		
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)
EFPD	BOC Cy 12	BOC Cy 12	BOC Cy 12	142 Cy 12	142 Cy 12	142 Cy 12	BOC Cy 13	BOC Cy 13	BOC Cy 13
1	0.000		0.7396	0.850	632.8	0.7396	1.656	641.3	0.7396
2	0.000		0.7379	3.525	885.8	0.7379	7.056	957.4	0.7362
3	0.000	Data Not	0.6820	4.763	1000.1	0.6820	9.580	1112.6	0.6697
4	0.000	Required	0.5595	4.876	1013.9	0.5595	9.567	1092.7	0.5380
5	0.000		0.4521	4.970	1025.5	0.4521	9.510	1069.5	0.4321
6	0.000		0.3773	4.815	1006.4	0.3773	9.146	1037.9	0.3606
7	0.000		0.3152	4.539	973.3	0.3152	8.620	1001.7	0.3016
8	0.000		0.2733	4.027	915.0	0.2733	7.652	939.2	0.2615
9	0.000		0.2464	2.823	792.3	0.2464	5.349	805.3	0.2358
10	0.000		0.2355	0.789	619.8	0.2355	1.499	623.0	0.2254

	Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)			Statepoint 12 (224 EFPD Cy 13)		
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)
EFPD	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13	224 Cy 13	224 Cy 13	224 Cy 13
1	1.687	596.1	0.7396	2.343	638.0	0.7396	2.971	628.3	0.7396
2	7.226	766.1	0.7364	10.081	935.2	0.7363	12.638	856.9	0.7370
3	9.962	1081.3	0.6710	13.681	1047.2	0.6708	16.880	920.7	0.6757
4	9.982	1142.3	0.5389	13.654	1038.9	0.5387	17.062	951.0	0.5495
5	9.912	1114.7	0.4322	13.561	1034.9	0.4320	17.141	976.5	0.4438
6	9.514	1053.1	0.3605	12.988	1005.0	0.3606	16.486	964.2	0.3710
7	8.943	973.4	0.3014	12.126	957.3	0.3019	15.432	936.0	0.3108
8	7.915	880.1	0.2615	10.646	887.7	0.2623	13.618	889.2	0.2701
9	5.516	748.8	0.2358	7.323	762.2	0.2371	9.407	777.0	0.2440
10	1.541	605.5	0.2255	1.999	608.1	0.2269	2.527	611.1	0.2331

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number H11								
	Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)		
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)
EFPD	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14
1	3.437	615.7	0.7396	3.672	604.8	0.7396	4.000	601.5	0.7396
2	14.444	783.3	0.7378	15.317	728.3	0.7383	16.726	741.6	0.7389
3	19.123	826.0	0.6810	20.192	755.7	0.6844	22.649	883.5	0.6886
4	19.533	858.6	0.5619	20.759	789.0	0.5703	23.749	974.1	0.5773
5	19.878	898.6	0.4594	21.341	841.9	0.4710	24.623	1027.7	0.4764
6	19.311	912.2	0.3859	20.927	877.9	0.3978	24.205	1027.0	0.4011
7	18.267	913.8	0.3238	20.004	907.5	0.3347	23.171	1006.2	0.3362
8	16.303	890.7	0.2814	18.055	911.2	0.2910	20.901	948.7	0.2916
9	11.409	793.6	0.2540	12.782	822.3	0.2626	14.787	814.3	0.2631
10	3.049	616.1	0.2421	3.417	623.7	0.2498	3.933	619.5	0.2502

	Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	211 Cy 14	211 Cy 14	211 Cy 14
1	4.581	619.5	0.7396
2	18.935	794.5	0.7392
3	25.458	848.0	0.6913
4	26.732	869.7	0.5834
5	27.715	883.7	0.4839
6	27.210	872.5	0.4083
7	26.004	851.0	0.3428
8	23.455	817.2	0.2977
9	16.585	732.8	0.2687
10	4.389	602.0	0.2553

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J1								
	Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)		
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)
EFPD	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13
1	0.000		0.7396	0.054	624.6	0.7396	0.722	639.4	0.7396
2	0.000		0.7396	0.222	871.9	0.7396	2.856	934.7	0.7383
3	0.000	Data Not	0.6930	0.327	981.3	0.6930	3.962	1031.8	0.6786
4	0.000	Required	0.5716	0.356	1030.7	0.5716	4.090	1049.2	0.5481
5	0.000		0.4568	0.377	1067.8	0.4568	4.194	1064.0	0.4372
6	0.000		0.3766	0.359	1036.1	0.3766	3.980	1029.4	0.3624
7	0.000		0.3136	0.319	967.2	0.3136	3.593	971.3	0.3028
8	0.000		0.2736	0.262	877.7	0.2736	3.005	889.3	0.2641
9	0.000		0.2500	0.161	740.6	0.2500	1.873	750.0	0.2407
10	0.000		0.2413	0.042	604.9	0.2413	0.494	607.4	0.2321

	Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)		
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)
EFPD	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14
1	1.457	640.7	0.7396	2.102	638.5	0.7396	2.462	630.1	0.7396
2	5.917	929.4	0.7372	8.735	939.9	0.7363	10.283	886.2	0.7367
3	8.416	1118.1	0.6702	12.342	1101.8	0.6657	14.360	980.3	0.6687
4	8.665	1139.0	0.5308	12.568	1097.4	0.5263	14.652	998.3	0.5326
5	8.721	1130.5	0.4198	12.622	1096.9	0.4172	14.840	1036.3	0.4241
6	8.211	1079.8	0.3473	12.038	1083.1	0.3454	14.339	1060.3	0.3515
7	7.408	1012.3	0.2899	11.087	1055.9	0.2874	13.461	1081.7	0.2921
8	6.219	922.9	0.2526	9.435	975.3	0.2489	11.688	1046.7	0.2519
9	3.885	768.5	0.2300	5.952	803.0	0.2255	7.491	861.5	0.2271
10	1.022	611.2	0.2216	1.560	617.7	0.2169	1.958	628.9	0.2178

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J1					
	Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	2.933	620.6	0.7396	3.703	640.1	0.7396
2	12.426	855.3	0.7375	15.624	925.6	0.7373
3	17.347	972.9	0.6735	21.330	1006.1	0.6741
4	17.890	1018.7	0.5412	21.847	1002.4	0.5439
5	18.177	1037.6	0.4321	22.086	995.2	0.4359
6	17.551	1014.0	0.3584	21.277	969.0	0.3626
7	16.556	992.3	0.2980	20.062	938.2	0.3023
8	14.576	955.3	0.2571	17.818	902.9	0.2615
9	9.366	795.6	0.2315	11.608	782.0	0.2356
10	2.406	611.5	0.2216	2.951	610.0	0.2255

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J2								
	Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)		
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)
EFPD	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13
1	0.000		0.7396	0.053	623.3	0.7396	0.683	634.6	0.7396
2	0.000		0.7396	0.213	856.6	0.7396	2.654	901.0	0.7396
3	0.000	Data Not	0.6982	0.312	954.9	0.6982	3.709	991.7	0.6884
4	0.000	Required	0.5838	0.342	1006.3	0.5838	3.925	1022.7	0.5655
5	0.000		0.4704	0.364	1044.3	0.4704	4.086	1047.0	0.4537
6	0.000		0.3893	0.347	1013.9	0.3893	3.900	1017.8	0.3762
7	0.000		0.3247	0.311	953.5	0.3247	3.543	964.5	0.3139
8	0.000		0.2832	0.260	874.6	0.2832	3.000	888.7	0.2733
9	0.000		0.2583	0.163	743.4	0.2583	1.894	752.4	0.2487
10	0.000		0.2490	0.043	606.0	0.2490	0.506	608.6	0.2395

	Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)		
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)
EFPD	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14
1	1.402	638.8	0.7396	2.060	640.2	0.7396	2.438	633.8	0.7396
2	5.616	953.5	0.7382	8.485	948.7	0.7369	10.114	907.0	0.7370
3	8.088	1105.0	0.6768	12.127	1123.7	0.6693	14.247	1008.2	0.6707
4	8.489	1137.2	0.5415	12.478	1113.9	0.5316	14.632	1018.0	0.5354
5	8.626	1132.9	0.4295	12.580	1107.2	0.4217	14.856	1052.8	0.4262
6	8.140	1081.3	0.3552	12.004	1090.1	0.3489	14.360	1076.6	0.3528
7	7.341	1009.6	0.2964	11.039	1059.4	0.2901	13.466	1097.9	0.2927
8	6.171	916.9	0.2582	9.394	976.5	0.2513	11.688	1058.5	0.2524
9	3.868	763.8	0.2352	5.930	802.4	0.2277	7.487	866.0	0.2275
10	1.030	610.7	0.2266	1.571	618.1	0.2191	1.979	630.4	0.2184

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J2					
	Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	2.677	589.7	0.7396	3.349	629.3	0.7396
2	11.242	701.8	0.7381	14.029	868.6	0.7377
3	15.910	763.6	0.6791	19.307	923.4	0.6792
4	16.592	806.0	0.5561	19.946	917.6	0.5603
5	17.003	833.9	0.4528	20.443	929.2	0.4608
6	16.470	828.3	0.3788	19.898	927.5	0.3874
7	15.449	809.4	0.3163	18.679	901.2	0.3241
8	13.473	780.8	0.2746	16.388	860.9	0.2817
9	8.712	705.6	0.2488	10.664	749.7	0.2550
10	2.259	592.7	0.2360	2.724	602.8	0.2415

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J3								
	Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)		
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)
EFPD	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13
1	0.000		0.7396	0.054	624.6	0.7396	0.669	632.7	0.7396
2	0.000		0.7396	0.219	865.7	0.7396	2.618	893.9	0.7396
3	0.000	Data Not	0.6962	0.314	959.8	0.6962	3.654	982.0	0.6903
4	0.000	Required	0.5813	0.341	1003.4	0.5813	3.875	1014.5	0.5694
5	0.000		0.4693	0.359	1036.3	0.4693	4.042	1040.1	0.4577
6	0.000		0.3895	0.341	1003.5	0.3895	3.861	1012.2	0.3797
7	0.000		0.3257	0.307	947.5	0.3257	3.523	961.9	0.3170
8	0.000		0.2841	0.262	878.0	0.2841	3.028	892.6	0.2757
9	0.000		0.2586	0.167	748.9	0.2586	1.946	758.4	0.2503
10	0.000		0.2490	0.044	607.0	0.2490	0.520	609.8	0.2408

	Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)		
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)
EFPD	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14
1	1.374	637.2	0.7396	2.049	642.4	0.7396	2.450	638.6	0.7396
2	5.534	945.7	0.7385	8.470	960.4	0.7370	10.183	929.6	0.7370
3	7.962	1092.9	0.6791	12.069	1137.1	0.6702	14.271	1031.4	0.6706
4	8.396	1129.6	0.5456	12.440	1124.7	0.5328	14.657	1035.7	0.5349
5	8.555	1128.1	0.4333	12.551	1115.2	0.4225	14.882	1069.1	0.4251
6	8.073	1076.7	0.3586	11.949	1092.2	0.3494	14.356	1092.1	0.3516
7	7.285	1003.9	0.2993	10.955	1054.3	0.2906	13.415	1108.2	0.2916
8	6.164	911.8	0.2608	9.364	972.8	0.2520	11.675	1063.3	0.2516
9	3.900	761.5	0.2375	5.964	802.6	0.2284	7.539	870.1	0.2268
10	1.035	609.8	0.2287	1.577	618.3	0.2197	1.991	631.5	0.2177

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J3					
	Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	2.678	588.3	0.7396	3.298	623.7	0.7396
2	11.222	689.8	0.7380	13.836	845.4	0.7378
3	15.790	743.8	0.6783	19.183	923.0	0.6790
4	16.538	794.6	0.5554	20.460	997.2	0.5595
5	17.073	840.6	0.4535	21.232	1032.5	0.4572
6	16.585	846.5	0.3799	20.687	1024.0	0.3824
7	15.528	828.7	0.3169	19.338	981.0	0.3184
8	13.516	788.9	0.2743	16.881	919.3	0.2754
9	8.699	697.4	0.2473	10.966	785.0	0.2480
10	2.244	589.7	0.2343	2.799	610.9	0.2350

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J4								
	Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)		
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)
EFPD	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13
1	0.000		0.7396	0.041	608.3	0.7396	0.620	628.2	0.7396
2	0.000		0.7396	0.164	777.6	0.7396	2.406	867.4	0.7396
3	0.000	Data Not	0.7273	0.240	845.8	0.7273	3.349	944.8	0.6993
4	0.000	Required	0.6431	0.283	910.2	0.6431	3.651	986.5	0.5893
5	0.000		0.5319	0.345	1011.9	0.5319	3.931	1023.3	0.4794
6	0.000		0.4330	0.361	1038.4	0.4330	3.847	1006.5	0.3975
7	0.000		0.3531	0.326	978.2	0.3531	3.553	963.7	0.3302
8	0.000		0.3039	0.267	886.2	0.3039	2.991	886.3	0.2859
9	0.000		0.2755	0.165	746.4	0.2755	1.878	750.1	0.2595
10	0.000		0.2651	0.043	606.0	0.2651	0.497	607.6	0.2497

	Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)		
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)
EFPD	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14
1	1.224	625.5	0.7396	1.824	632.7	0.7396	2.191	631.5	0.7396
2	4.852	870.5	0.7396	7.411	933.9	0.7395	8.965	887.5	0.7394
3	6.986	984.9	0.6960	10.708	1063.9	0.6872	12.783	995.8	0.6869
4	7.662	1043.4	0.5789	11.505	1086.2	0.5638	13.621	1007.0	0.5643
5	8.069	1064.2	0.4666	11.943	1091.8	0.4527	14.174	1039.6	0.4537
6	7.801	1034.1	0.3863	11.598	1077.6	0.3744	13.902	1060.9	0.3754
7	7.297	1001.0	0.3207	10.947	1050.5	0.3101	13.300	1075.6	0.3104
8	6.274	932.7	0.2770	9.469	972.0	0.2670	11.696	1038.8	0.2663
9	3.966	777.4	0.2507	6.031	802.6	0.2409	7.568	861.0	0.2392
10	1.046	613.1	0.2409	1.589	618.3	0.2312	1.995	630.2	0.2291

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J4					
	Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	2.681	623.2	0.7396	3.170	609.6	0.7396
2	11.154	895.2	0.7396	13.177	792.4	0.7396
3	15.712	962.3	0.6889	18.222	811.6	0.6943
4	16.569	965.8	0.5687	19.220	828.3	0.5818
5	17.117	964.8	0.4595	19.942	849.6	0.4769
6	16.753	948.7	0.3817	19.583	850.1	0.3995
7	16.068	934.3	0.3170	18.856	845.0	0.3337
8	14.279	903.3	0.2729	16.999	836.7	0.2892
9	9.298	774.3	0.2454	11.378	763.4	0.2622
10	2.410	607.8	0.2347	2.927	607.5	0.2498

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J5								
	Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)		
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)
EFPD	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13
1	0.000		0.7396	0.047	615.8	0.7396	0.572	621.5	0.7396
2	0.000		0.7396	0.189	816.6	0.7396	2.263	840.4	0.7396
3	0.000	Data Not	0.7158	0.273	895.1	0.7158	3.236	922.0	0.7067
4	0.000	Required	0.6172	0.309	950.1	0.6172	3.597	973.5	0.5999
5	0.000		0.5055	0.338	998.0	0.5055	3.877	1015.4	0.4876
6	0.000		0.4195	0.326	979.2	0.4195	3.754	996.6	0.4040
7	0.000		0.3497	0.299	934.7	0.3497	3.462	953.4	0.3362
8	0.000		0.3036	0.262	877.4	0.3036	3.021	891.4	0.2914
9	0.000		0.2750	0.170	752.7	0.2750	1.961	759.9	0.2637
10	0.000		0.2642	0.045	608.6	0.2642	0.525	610.3	0.2531

	Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)		
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)
EFPD	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14
1	1.253	634.4	0.7396	1.972	648.2	0.7396	2.426	649.7	0.7396
2	5.067	927.1	0.7396	8.157	1035.2	0.7372	10.068	985.0	0.7365
3	7.421	1072.4	0.6880	11.734	1178.3	0.6716	14.149	1094.5	0.6688
4	8.109	1127.9	0.5617	12.323	1158.4	0.5374	14.687	1078.7	0.5344
5	8.433	1135.7	0.4488	12.557	1140.3	0.4279	15.001	1103.2	0.4255
6	8.007	1083.5	0.3709	12.002	1115.1	0.3533	14.523	1127.3	0.3511
7	7.231	1005.2	0.3092	11.013	1074.7	0.2933	13.605	1149.9	0.2903
8	6.120	906.9	0.2694	9.372	981.5	0.2542	11.810	1101.9	0.2500
9	3.868	756.0	0.2453	5.943	804.1	0.2306	7.601	890.7	0.2252
10	1.028	608.6	0.2362	1.578	619.0	0.2217	2.021	636.8	0.2160

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J5					
	Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	2.719	596.8	0.7396	3.513	642.8	0.7396
2	11.403	730.8	0.7378	14.648	932.4	0.7368
3	16.049	797.2	0.6776	20.012	1003.2	0.6741
4	16.891	842.8	0.5542	20.921	1013.1	0.5514
5	17.420	876.3	0.4496	21.498	1020.3	0.4482
6	16.920	872.9	0.3741	20.869	1001.1	0.3736
7	15.865	851.2	0.3110	19.581	967.7	0.3112
8	13.781	807.7	0.2689	17.121	915.9	0.2693
9	8.840	707.6	0.2424	11.126	787.1	0.2425
10	2.296	592.1	0.2303	2.862	611.9	0.2303

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J6								
	Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)		
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)
EFPD	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13
1	0.000		0.7396	0.042	609.6	0.7396	0.560	620.6	0.7396
2	0.000		0.7396	0.168	783.7	0.7396	2.176	829.7	0.7396
3	0.000	Data Not	0.7264	0.244	852.2	0.7264	3.093	904.7	0.7108
4	0.000	Required	0.6405	0.288	916.9	0.6405	3.490	959.6	0.6095
5	0.000		0.5304	0.332	989.5	0.5304	3.825	1007.4	0.4984
6	0.000		0.4373	0.333	989.8	0.4373	3.741	993.3	0.4127
7	0.000		0.3615	0.303	941.6	0.3615	3.436	948.6	0.3429
8	0.000		0.3132	0.253	864.8	0.3132	2.898	874.8	0.2974
9	0.000		0.2846	0.159	738.3	0.2846	1.826	744.4	0.2702
10	0.000		0.2738	0.043	605.4	0.2738	0.489	606.9	0.2601

	Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)		
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)
EFPD	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14
1	1.187	628.1	0.7396	1.848	640.6	0.7396	2.266	642.1	0.7396
2	4.723	886.1	0.7396	7.553	984.5	0.7389	9.331	947.5	0.7382
3	6.936	1016.8	0.6975	11.033	1135.1	0.6819	13.369	1070.7	0.6790
4	7.775	1088.9	0.5788	11.920	1144.4	0.5537	14.231	1063.1	0.5501
5	8.245	1111.8	0.4648	12.350	1136.6	0.4422	14.741	1087.0	0.4395
6	7.918	1070.7	0.3836	11.899	1112.4	0.3647	14.361	1108.8	0.3622
7	7.211	1006.0	0.3185	10.975	1071.4	0.3017	13.495	1126.9	0.2989
8	6.050	914.1	0.2764	9.278	977.5	0.2608	11.641	1079.3	0.2569
9	3.781	761.6	0.2514	5.822	799.4	0.2363	7.427	877.6	0.2314
10	1.009	610.2	0.2421	1.551	618.2	0.2273	1.981	634.5	0.2220

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J6					
	Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	2.893	642.1	0.7396	3.731	647.7	0.7396
2	12.110	968.2	0.7376	15.545	960.1	0.7370
3	17.011	1097.9	0.6753	21.206	1038.0	0.6737
4	17.873	1097.8	0.5445	22.011	1029.5	0.5435
5	18.378	1096.8	0.4347	22.485	1024.8	0.4347
6	17.855	1068.2	0.3588	21.794	999.7	0.3599
7	16.834	1038.0	0.2965	20.560	968.9	0.2983
8	14.691	984.4	0.2548	18.137	930.1	0.2568
9	9.419	812.8	0.2293	11.850	803.9	0.2312
10	2.467	615.9	0.2201	3.074	615.7	0.2217

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J7								
	Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)		
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)
EFPD	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13
1	0.000		0.7396	0.040	607.1	0.7396	0.481	611.2	0.7396
2	0.000		0.7396	0.160	770.7	0.7396	1.888	786.4	0.7396
3	0.000	Data Not	0.7294	0.231	857.7	0.7294	2.741	881.2	0.7270
4	0.000	Required	0.6522	0.270	889.8	0.6522	3.183	914.4	0.6402
5	0.000		0.5498	0.306	945.8	0.5498	3.556	967.3	0.5321
6	0.000		0.4596	0.301	937.8	0.4596	3.505	959.8	0.4423
7	0.000		0.3839	0.281	906.4	0.3839	3.287	928.7	0.3680
8	0.000		0.3324	0.255	867.5	0.3324	2.939	880.3	0.3181
9	0.000		0.2995	0.171	753.9	0.2995	1.964	760.0	0.2866
10	0.000		0.2869	0.046	609.6	0.2869	0.535	611.1	0.2744

	Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)		
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)
EFPD	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14
1	1.099	627.1	0.7396	1.815	647.8	0.7396	2.273	650.5	0.7396
2	4.390	879.2	0.7396	7.400	1019.3	0.7390	9.310	984.7	0.7379
3	6.518	1006.6	0.7049	10.759	1163.6	0.6829	13.199	1102.1	0.6778
4	7.391	1075.8	0.5941	11.558	1148.8	0.5594	13.925	1079.8	0.5522
5	7.889	1096.9	0.4829	11.953	1128.5	0.4515	14.388	1100.3	0.4449
6	7.578	1053.6	0.4005	11.476	1096.7	0.3740	13.983	1122.7	0.3680
7	6.898	980.8	0.3342	10.530	1047.4	0.3112	13.091	1139.7	0.3047
8	5.899	887.5	0.2914	9.007	957.5	0.2706	11.406	1089.7	0.2630
9	3.788	746.5	0.2651	5.778	792.3	0.2457	7.421	886.6	0.2372
10	1.020	607.1	0.2549	1.556	617.4	0.2362	2.001	637.3	0.2274

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J7					
	Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	2.536	592.8	0.7396	3.029	610.0	0.7396
2	10.495	709.6	0.7391	12.529	793.9	0.7396
3	14.897	768.4	0.6860	17.420	813.1	0.6915
4	15.892	807.2	0.5713	18.487	821.6	0.5841
5	16.571	839.5	0.4694	19.299	837.7	0.4862
6	16.179	841.3	0.3923	18.926	840.0	0.4099
7	15.225	831.9	0.3274	17.922	833.9	0.3442
8	13.360	805.2	0.2842	15.894	814.5	0.3001
9	8.724	715.9	0.2568	10.499	730.3	0.2720
10	2.311	596.0	0.2441	2.743	599.8	0.2578

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J8								
	Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)		
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)
EFPD	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13
1	0.000		0.7396	0.036	602.1	0.7396	0.450	607.9	0.7396
2	0.000		0.7396	0.143	746.1	0.7396	1.760	769.7	0.7396
3	0.000	Data Not	0.7355	0.209	823.6	0.7355	2.551	855.5	0.7310
4	0.000	Required	0.6739	0.251	861.6	0.6739	2.994	888.8	0.6555
5	0.000		0.5765	0.293	925.1	0.5765	3.391	943.0	0.5528
6	0.000		0.4825	0.293	925.1	0.4825	3.362	938.4	0.4617
7	0.000		0.4026	0.270	890.2	0.4026	3.113	903.7	0.3852
8	0.000		0.3502	0.229	830.3	0.3502	2.653	843.1	0.3348
9	0.000		0.3184	0.150	727.4	0.3184	1.718	732.1	0.3043
10	0.000		0.3058	0.044	606.5	0.3058	0.471	604.9	0.2927

	Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)		
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)
EFPD	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14
1	0.994	618.7	0.7396	1.619	635.9	0.7396	2.049	644.6	0.7396
2	3.949	831.9	0.7396	6.576	946.1	0.7396	8.377	996.9	0.7396
3	5.891	974.7	0.7178	9.760	1091.2	0.6984	12.158	1089.3	0.6913
4	6.864	1020.9	0.6196	10.849	1113.0	0.5851	13.198	1074.6	0.5746
5	7.482	1056.3	0.5098	11.434	1106.8	0.4765	13.843	1092.5	0.4666
6	7.246	1023.2	0.4237	11.062	1080.9	0.3951	13.540	1113.8	0.3861
7	6.585	959.9	0.3535	10.159	1036.8	0.3282	12.695	1132.0	0.3191
8	5.504	872.9	0.3081	8.543	946.2	0.2848	10.915	1081.9	0.2747
9	3.479	739.1	0.2813	5.393	782.1	0.2592	7.011	880.6	0.2480
10	0.940	605.5	0.2711	1.455	615.2	0.2496	1.899	636.9	0.2381

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J8					
	Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	2.533	622.4	0.7396	2.899	596.6	0.7396
2	10.568	896.1	0.7396	12.122	732.3	0.7396
3	15.336	1007.5	0.6913	17.290	748.8	0.6950
4	16.365	1005.5	0.5742	18.446	762.6	0.5855
5	16.945	993.6	0.4666	19.204	782.5	0.4846
6	16.520	971.4	0.3875	18.823	787.7	0.4087
7	15.553	949.9	0.3215	17.851	787.0	0.3433
8	13.537	909.8	0.2777	15.784	781.2	0.2999
9	8.754	776.2	0.2511	10.774	756.2	0.2808
10	2.319	608.4	0.2406	2.868	610.4	0.2690

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J9								
	Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)		
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)
EFPD	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13
1	0.000		0.7396	0.039	605.8	0.7396	0.466	609.5	0.7396
2	0.000		0.7396	0.154	763.3	0.7396	1.846	780.9	0.7396
3	0.000	Data Not	0.7303	0.227	850.0	0.7303	2.703	876.0	0.7281
4	0.000	Required	0.6563	0.267	884.8	0.6563	3.157	911.0	0.6434
5	0.000		0.5554	0.303	941.7	0.5554	3.544	965.6	0.5360
6	0.000		0.4645	0.300	936.2	0.4645	3.495	958.4	0.4457
7	0.000		0.3880	0.278	901.4	0.3880	3.236	921.4	0.3710
8	0.000		0.3372	0.239	844.4	0.3372	2.778	859.3	0.3219
9	0.000		0.3060	0.158	737.0	0.3060	1.809	742.2	0.2919
10	0.000		0.2938	0.044	607.0	0.2938	0.496	607.4	0.2805

	Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)		
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)
EFPD	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14
1	1.074	626.0	0.7396	1.786	647.2	0.7396	2.249	651.6	0.7396
2	4.328	876.1	0.7396	7.351	1021.8	0.7389	9.292	993.9	0.7378
3	6.471	1045.3	0.7056	10.762	1173.8	0.6825	13.249	1116.3	0.6768
4	7.374	1077.3	0.5955	11.587	1158.1	0.5590	13.979	1087.4	0.5510
5	7.895	1100.0	0.4846	11.988	1134.2	0.4515	14.431	1102.9	0.4442
6	7.583	1056.1	0.4017	11.495	1099.2	0.3741	14.005	1123.7	0.3674
7	6.845	980.5	0.3352	10.470	1046.1	0.3112	13.035	1141.2	0.3043
8	5.705	883.1	0.2925	8.771	950.8	0.2707	11.177	1092.0	0.2625
9	3.605	743.3	0.2671	5.538	784.6	0.2466	7.186	887.9	0.2372
10	0.978	606.6	0.2575	1.497	615.8	0.2376	1.949	638.3	0.2277

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J9					
	Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	2.805	632.2	0.7396	3.607	643.7	0.7396
2	11.724	904.9	0.7379	14.986	935.0	0.7375
3	16.448	1011.6	0.6776	20.461	1010.6	0.6766
4	17.344	1043.0	0.5519	21.463	1026.4	0.5511
5	17.959	1074.9	0.4444	22.191	1043.8	0.4436
6	17.493	1066.9	0.3675	21.639	1030.6	0.3672
7	16.352	1033.8	0.3042	20.287	999.2	0.3042
8	14.109	963.4	0.2622	17.670	945.9	0.2623
9	9.096	800.5	0.2366	11.551	806.9	0.2364
10	2.415	613.7	0.2271	3.029	616.3	0.2267

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J10								
	Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)		
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)
EFPD	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13
1	0.000		0.7396	0.039	605.8	0.7396	0.467	609.6	0.7396
2	0.000		0.7396	0.155	764.8	0.7396	1.852	781.6	0.7396
3	0.000	Data Not	0.7302	0.227	851.5	0.7302	2.711	877.0	0.7279
4	0.000	Required	0.6557	0.267	884.8	0.6557	3.165	912.2	0.6427
5	0.000		0.5545	0.304	942.5	0.5545	3.549	966.5	0.5350
6	0.000		0.4637	0.300	936.7	0.4637	3.501	959.3	0.4448
7	0.000		0.3873	0.278	901.4	0.3873	3.244	922.6	0.3701
8	0.000		0.3366	0.239	844.9	0.3366	2.791	861.1	0.3210
9	0.000		0.3054	0.158	737.0	0.3054	1.820	743.6	0.2911
10	0.000		0.2933	0.044	607.0	0.2933	0.499	607.7	0.2796

	Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)		
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)
EFPD	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14
1	1.078	626.3	0.7396	1.792	647.5	0.7396	2.250	650.5	0.7396
2	4.344	877.6	0.7396	7.374	1023.4	0.7389	9.299	989.0	0.7378
3	6.493	1047.6	0.7052	10.790	1175.3	0.6821	13.260	1111.1	0.6768
4	7.391	1078.9	0.5946	11.608	1158.9	0.5582	13.991	1084.5	0.5508
5	7.907	1101.0	0.4836	12.004	1135.0	0.4507	14.440	1100.8	0.4439
6	7.593	1056.7	0.4009	11.508	1099.8	0.3734	14.011	1121.6	0.3672
7	6.854	980.7	0.3345	10.482	1046.6	0.3107	13.039	1138.6	0.3040
8	5.720	883.3	0.2919	8.789	951.3	0.2702	11.185	1089.0	0.2624
9	3.618	743.4	0.2665	5.553	785.0	0.2462	7.194	886.1	0.2371
10	0.980	606.6	0.2568	1.502	616.0	0.2371	1.951	637.7	0.2277

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J10					
	Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	2.838	636.6	0.7396	3.636	643.2	0.7396
2	11.851	926.4	0.7377	15.100	932.9	0.7373
3	16.583	1034.9	0.6761	20.585	1009.0	0.6755
4	17.448	1060.8	0.5493	21.568	1026.6	0.5491
5	18.049	1091.2	0.4419	22.286	1044.6	0.4416
6	17.582	1083.5	0.3653	21.730	1031.0	0.3654
7	16.441	1050.1	0.3023	20.376	999.1	0.3026
8	14.195	977.3	0.2605	17.755	945.9	0.2609
9	9.159	808.7	0.2351	11.617	807.1	0.2351
10	2.434	615.7	0.2257	3.049	616.3	0.2256

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J11								
	Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)		
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)
EFPD	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13
1	0.000		0.7396	0.035	600.9	0.7396	0.401	602.1	0.7396
2	0.000		0.7396	0.134	732.9	0.7396	1.536	738.3	0.7396
3	0.000	Data Not	0.7389	0.191	798.0	0.7389	2.220	809.2	0.7379
4	0.000	Required	0.6892	0.231	833.0	0.6892	2.708	850.4	0.6821
5	0.000		0.5998	0.275	897.2	0.5998	3.230	920.7	0.5858
6	0.000		0.5054	0.279	903.8	0.5054	3.295	930.0	0.4891
7	0.000		0.4222	0.261	876.7	0.4222	3.095	902.3	0.4058
8	0.000		0.3668	0.227	827.0	0.3668	2.671	845.9	0.3510
9	0.000		0.3324	0.151	728.2	0.3324	1.758	736.8	0.3175
10	0.000		0.3189	0.043	605.4	0.3189	0.493	607.2	0.3046

	Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)		
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)
EFPD	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14
1	0.916	615.4	0.7396	1.534	635.0	0.7396	1.885	628.2	0.7396
2	3.552	806.7	0.7396	6.109	933.3	0.7396	7.614	909.4	0.7396
3	5.267	929.1	0.7252	9.094	1083.5	0.7023	11.254	1019.7	0.6992
4	6.366	988.0	0.6391	10.396	1121.9	0.5962	12.578	1025.6	0.5904
5	7.281	1049.9	0.5337	11.277	1115.2	0.4916	13.485	1033.3	0.4856
6	7.230	1031.2	0.4430	11.007	1074.0	0.4085	13.250	1043.2	0.4035
7	6.609	966.3	0.3680	10.019	1008.1	0.3399	12.285	1049.8	0.3348
8	5.545	875.8	0.3199	8.380	913.9	0.2957	10.504	1009.7	0.2897
9	3.580	746.1	0.2911	5.363	764.6	0.2695	6.826	843.3	0.2624
10	1.000	609.1	0.2797	1.490	612.5	0.2593	1.893	629.8	0.2519

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J11					
	Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	2.429	630.6	0.7396	3.129	632.4	0.7396
2	10.075	948.1	0.7396	13.020	924.0	0.7396
3	14.594	1038.0	0.6948	18.217	954.5	0.6938
4	15.875	1029.9	0.5830	19.462	949.5	0.5828
5	16.739	1021.7	0.4786	20.331	950.2	0.4793
6	16.380	998.5	0.3985	19.864	935.3	0.4004
7	15.346	986.0	0.3312	18.706	918.4	0.3338
8	13.398	956.4	0.2861	16.606	898.3	0.2888
9	8.726	799.0	0.2585	11.030	789.1	0.2607
10	2.346	612.1	0.2485	2.911	611.9	0.2501

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J12								
	Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)		
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)
EFPD	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13
1	0.000		0.7396	0.043	610.8	0.7396	0.535	617.4	0.7396
2	0.000		0.7396	0.174	792.2	0.7396	2.112	818.7	0.7396
3	0.000	Data Not	0.7247	0.252	863.8	0.7247	3.035	894.8	0.7160
4	0.000	Required	0.6357	0.292	923.1	0.6357	3.443	951.5	0.6167
5	0.000		0.5258	0.327	981.1	0.5258	3.775	999.9	0.5046
6	0.000		0.4360	0.321	970.3	0.4360	3.684	985.8	0.4180
7	0.000		0.3628	0.294	926.8	0.3628	3.388	942.4	0.3475
8	0.000		0.3151	0.250	860.4	0.3151	2.888	873.8	0.3016
9	0.000		0.2863	0.160	740.0	0.2863	1.844	746.4	0.2738
10	0.000		0.2753	0.044	607.0	0.2753	0.496	607.4	0.2633

	Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)		
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)
EFPD	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14
1	1.180	630.2	0.7396	1.874	644.9	0.7396	2.321	648.2	0.7396
2	4.747	900.1	0.7396	7.715	1011.2	0.7384	9.607	979.4	0.7376
3	6.997	1035.9	0.6967	11.222	1160.5	0.6787	13.652	1098.8	0.6747
4	7.821	1104.6	0.5768	12.012	1153.6	0.5491	14.376	1079.0	0.5441
5	8.262	1123.6	0.4631	12.375	1138.0	0.4388	14.808	1099.7	0.4346
6	7.896	1076.6	0.3825	11.879	1112.7	0.3622	14.388	1123.4	0.3585
7	7.128	1000.7	0.3184	10.893	1071.7	0.3002	13.479	1147.7	0.2960
8	5.953	902.0	0.2772	9.168	975.3	0.2601	11.603	1101.1	0.2547
9	3.728	753.3	0.2527	5.757	797.8	0.2362	7.416	890.6	0.2295
10	0.995	608.3	0.2435	1.535	617.9	0.2274	1.982	637.5	0.2203

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J12					
	Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	2.808	622.8	0.7396	3.692	652.8	0.7396
2	11.789	862.0	0.7382	15.422	989.9	0.7369
3	16.710	985.7	0.6781	21.209	1085.7	0.6731
4	17.743	1043.3	0.5494	22.173	1074.7	0.5431
5	18.348	1077.4	0.4389	22.728	1066.7	0.4343
6	17.834	1058.8	0.3619	22.026	1037.6	0.3589
7	16.705	1016.5	0.2990	20.606	994.2	0.2972
8	14.435	945.6	0.2573	17.899	932.8	0.2562
9	9.244	788.6	0.2319	11.579	792.8	0.2308
10	2.430	611.6	0.2223	3.012	613.3	0.2214

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J13								
	Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)		
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)
EFPD	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13
1	0.000		0.7396	0.043	610.8	0.7396	0.537	617.7	0.7396
2	0.000		0.7396	0.175	793.8	0.7396	2.118	819.6	0.7396
3	0.000	Data Not	0.7245	0.253	864.6	0.7245	3.044	896.0	0.7156
4	0.000	Required	0.6351	0.293	924.7	0.6351	3.452	952.7	0.6159
5	0.000		0.5250	0.328	981.9	0.5250	3.783	1001.0	0.5037
6	0.000		0.4354	0.321	970.8	0.4354	3.690	986.7	0.4172
7	0.000		0.3623	0.294	927.3	0.3623	3.395	943.5	0.3469
8	0.000		0.3147	0.250	860.4	0.3147	2.900	875.4	0.3009
9	0.000		0.2859	0.161	740.4	0.2859	1.853	747.5	0.2731
10	0.000		0.2749	0.044	607.0	0.2749	0.498	607.7	0.2626

	Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)		
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)
EFPD	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14
1	1.184	630.5	0.7396	1.880	645.1	0.7396	2.325	647.8	0.7396
2	4.764	901.7	0.7396	7.741	1013.0	0.7384	9.623	976.9	0.7375
3	7.020	1038.1	0.6962	11.254	1162.3	0.6783	13.674	1096.0	0.6745
4	7.840	1106.5	0.5759	12.036	1154.6	0.5484	14.397	1078.1	0.5436
5	8.277	1124.8	0.4623	12.393	1138.8	0.4381	14.825	1099.4	0.4342
6	7.906	1077.3	0.3818	11.893	1113.5	0.3616	14.400	1123.0	0.3581
7	7.138	1001.0	0.3178	10.905	1072.2	0.2998	13.489	1146.9	0.2958
8	5.966	902.2	0.2767	9.183	975.8	0.2597	11.614	1099.7	0.2545
9	3.738	753.5	0.2522	5.770	798.2	0.2358	7.425	889.7	0.2294
10	0.998	608.3	0.2430	1.538	618.0	0.2269	1.984	637.4	0.2201

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J13					
	Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	2.583	592.2	0.7396	3.314	635.8	0.7396
2	10.832	712.8	0.7387	13.855	901.0	0.7377
3	15.455	780.1	0.6829	19.131	961.8	0.6801
4	16.485	825.1	0.5633	20.082	950.8	0.5629
5	17.102	854.1	0.4588	20.766	960.0	0.4621
6	16.637	847.6	0.3819	20.267	955.5	0.3862
7	15.588	826.8	0.3174	18.994	924.6	0.3216
8	13.496	794.6	0.2750	16.550	878.5	0.2789
9	8.714	714.0	0.2489	10.750	758.9	0.2522
10	2.282	594.6	0.2362	2.769	604.8	0.2393

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J14								
	Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)		
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)
EFPD	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13
1	0.000		0.7396	0.049	618.3	0.7396	0.562	620.0	0.7396
2	0.000		0.7396	0.192	821.3	0.7396	2.164	823.9	0.7396
3	0.000	Data Not	0.7151	0.271	890.5	0.7151	3.030	891.3	0.7150
4	0.000	Required	0.6198	0.298	932.5	0.6198	3.333	933.1	0.6181
5	0.000		0.5130	0.319	967.8	0.5130	3.583	969.4	0.5102
6	0.000		0.4298	0.306	945.3	0.4298	3.470	953.6	0.4264
7	0.000		0.3614	0.280	905.4	0.3614	3.243	921.9	0.3569
8	0.000		0.3146	0.260	875.3	0.3146	2.974	884.5	0.3094
9	0.000		0.2837	0.178	762.6	0.2837	2.038	768.6	0.2785
10	0.000		0.2718	0.047	610.2	0.2718	0.548	612.4	0.2665

	Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)		
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)
EFPD	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14
1	1.129	621.3	0.7396	1.719	631.4	0.7396	2.116	637.7	0.7396
2	4.448	846.0	0.7396	6.938	921.2	0.7396	8.615	958.6	0.7396
3	6.461	954.0	0.7084	10.084	1045.9	0.6975	12.319	1040.8	0.6932
4	7.179	1017.0	0.6014	10.906	1064.5	0.5820	13.136	1039.6	0.5759
5	7.582	1041.5	0.4900	11.321	1066.7	0.4712	13.648	1067.7	0.4656
6	7.257	1007.7	0.4078	10.882	1046.0	0.3913	13.278	1088.5	0.3860
7	6.660	951.9	0.3413	10.086	1010.7	0.3261	12.519	1099.8	0.3203
8	5.873	879.1	0.2970	8.904	944.7	0.2829	11.177	1052.5	0.2764
9	3.868	747.1	0.2691	5.881	795.4	0.2557	7.441	866.6	0.2487
10	1.027	606.4	0.2585	1.561	617.3	0.2454	1.974	631.5	0.2382

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J14					
	Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	2.557	616.5	0.7396	3.280	634.9	0.7396
2	10.646	866.7	0.7396	13.724	944.7	0.7396
3	15.212	956.1	0.6952	19.074	988.5	0.6925
4	16.242	994.1	0.5791	20.034	978.5	0.5770
5	16.847	1011.3	0.4688	20.582	970.3	0.4685
6	16.360	989.8	0.3892	19.929	947.0	0.3904
7	15.462	964.8	0.3234	18.827	919.1	0.3255
8	13.864	920.7	0.2792	16.949	882.4	0.2816
9	9.183	776.1	0.2511	11.304	768.3	0.2536
10	2.387	607.7	0.2403	2.900	607.1	0.2427

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J15								
	Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)		
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)
EFPD	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13
1	0.000		0.7396	0.052	622.1	0.7396	0.722	639.6	0.7396
2	0.000		0.7396	0.216	860.9	0.7396	2.878	939.9	0.7379
3	0.000	Data Not	0.6963	0.314	959.8	0.6963	3.973	1036.0	0.6769
4	0.000	Required	0.5800	0.345	1011.5	0.5800	4.108	1054.2	0.5461
5	0.000		0.4648	0.379	1071.5	0.4648	4.240	1071.9	0.4355
6	0.000		0.3810	0.371	1056.4	0.3810	4.048	1039.3	0.3605
7	0.000		0.3148	0.331	986.7	0.3148	3.670	982.0	0.3004
8	0.000		0.2734	0.270	889.8	0.2734	3.067	897.3	0.2614
9	0.000		0.2492	0.165	745.6	0.2492	1.902	753.2	0.2380
10	0.000		0.2404	0.043	605.4	0.2404	0.497	607.6	0.2294

	Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)		
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)
EFPD	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14
1	1.447	639.5	0.7396	2.103	639.9	0.7396	2.477	633.0	0.7396
2	5.906	924.4	0.7371	8.756	945.4	0.7361	10.354	898.9	0.7364
3	8.358	1106.0	0.6703	12.307	1106.4	0.6652	14.370	992.3	0.6677
4	8.640	1131.5	0.5318	12.590	1106.3	0.5260	14.711	1008.6	0.5314
5	8.752	1128.0	0.4207	12.708	1107.6	0.4167	14.960	1045.7	0.4227
6	8.287	1081.0	0.3476	12.176	1094.8	0.3445	14.507	1069.3	0.3498
7	7.551	1022.6	0.2895	11.300	1068.7	0.2860	13.704	1091.0	0.2900
8	6.381	937.2	0.2514	9.659	986.0	0.2470	11.948	1056.8	0.2496
9	3.985	776.9	0.2285	6.096	809.2	0.2233	7.669	869.6	0.2246
10	1.038	612.4	0.2200	1.586	618.8	0.2147	1.993	630.5	0.2153

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J15					
	Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	2.691	586.4	0.7396	3.225	614.4	0.7396
2	11.342	682.8	0.7375	13.570	796.6	0.7381
3	15.797	731.6	0.6754	18.582	844.6	0.6809
4	16.399	767.0	0.5517	19.271	855.4	0.5641
5	16.831	793.0	0.4501	19.774	864.2	0.4651
6	16.386	794.1	0.3780	19.262	855.9	0.3931
7	15.828	831.1	0.3193	18.612	844.6	0.3336
8	14.581	911.4	0.2817	17.555	868.3	0.2972
9	9.464	783.9	0.2522	11.604	770.4	0.2664
10	2.400	606.9	0.2377	2.910	606.9	0.2506

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J16								
	Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)		
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)
EFPD	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13
1	0.000		0.7396	0.037	603.4	0.7396	0.434	605.8	0.7396
2	0.000		0.7396	0.146	749.8	0.7396	1.676	756.8	0.7396
3	0.000	Data Not	0.7352	0.208	822.2	0.7352	2.409	834.3	0.7337
4	0.000	Required	0.6744	0.246	854.8	0.6744	2.880	872.9	0.6660
5	0.000		0.5793	0.288	916.5	0.5793	3.355	938.2	0.5650
6	0.000		0.4863	0.288	917.8	0.4863	3.383	942.4	0.4708
7	0.000		0.4064	0.268	887.2	0.4064	3.162	911.4	0.3911
8	0.000		0.3533	0.231	833.5	0.3533	2.722	852.5	0.3385
9	0.000		0.3203	0.155	732.8	0.3203	1.791	740.4	0.3065
10	0.000		0.3075	0.043	606.0	0.3075	0.494	607.3	0.2942

	Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)		
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)
EFPD	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14
1	1.000	621.2	0.7396	1.652	639.4	0.7396	2.030	633.8	0.7396
2	3.910	838.4	0.7396	6.602	958.2	0.7396	8.194	934.0	0.7396
3	5.740	973.3	0.7172	9.637	1096.5	0.6962	11.809	1022.9	0.6934
4	6.749	1020.7	0.6214	10.746	1115.5	0.5846	12.916	1022.2	0.5800
5	7.525	1069.4	0.5133	11.473	1106.0	0.4784	13.695	1037.1	0.4739
6	7.389	1042.6	0.4256	11.145	1070.0	0.3971	13.425	1054.1	0.3933
7	6.724	973.5	0.3541	10.151	1011.0	0.3305	12.478	1068.0	0.3264
8	5.630	880.5	0.3081	8.504	919.8	0.2876	10.712	1033.4	0.2822
9	3.615	746.4	0.2806	5.432	769.1	0.2619	6.969	860.8	0.2552
10	0.993	608.2	0.2699	1.485	612.9	0.2520	1.906	633.0	0.2449

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number J16					
	Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	2.384	604.9	0.7396	3.032	626.7	0.7396
2	9.825	796.4	0.7396	12.557	892.2	0.7396
3	14.176	868.3	0.6991	17.566	922.4	0.6987
4	15.534	909.0	0.5908	18.878	916.2	0.5926
5	16.458	933.4	0.4855	19.826	919.5	0.4893
6	16.115	920.9	0.4043	19.410	909.7	0.4092
7	15.033	898.4	0.3367	18.193	892.1	0.3420
8	13.004	856.5	0.2918	15.915	860.4	0.2971
9	8.457	740.7	0.2638	10.444	753.4	0.2687
10	2.255	600.4	0.2522	2.731	603.8	0.2565

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number K1								
	Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)		
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)
EFPD	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13
1	0.000		0.7396	0.048	617.1	0.7396	0.573	621.6	0.7396
2	0.000		0.7396	0.220	867.8	0.7396	2.555	883.6	0.7396
3	0.000	Data Not	0.6957	0.313	957.1	0.6957	3.583	971.4	0.6923
4	0.000	Required	0.5804	0.339	1001.2	0.5804	3.844	1010.3	0.5723
5	0.000		0.4680	0.358	1034.3	0.4680	4.029	1038.8	0.4597
6	0.000		0.3880	0.342	1005.9	0.3880	3.868	1013.9	0.3806
7	0.000		0.3236	0.313	957.2	0.3236	3.588	972.0	0.3167
8	0.000		0.2802	0.289	919.4	0.2802	3.266	924.8	0.2737
9	0.000		0.2518	0.197	787.5	0.2518	2.231	791.7	0.2458
10	0.000		0.2411	0.046	609.2	0.2411	0.541	611.9	0.2352

	Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)		
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)
EFPD	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14
1	1.217	630.2	0.7396	1.911	645.0	0.7396	2.366	650.0	0.7396
2	5.496	950.2	0.7385	8.657	1001.2	0.7363	10.608	997.5	0.7357
3	7.854	1087.5	0.6795	12.031	1151.6	0.6672	14.382	1075.8	0.6651
4	8.330	1124.2	0.5469	12.392	1129.0	0.5300	14.709	1065.9	0.5283
5	8.510	1123.3	0.4344	12.522	1119.3	0.4201	14.941	1096.2	0.4192
6	8.053	1072.8	0.3591	11.958	1098.7	0.3470	14.462	1122.6	0.3460
7	7.325	1000.8	0.2994	11.036	1062.3	0.2882	13.607	1144.0	0.2863
8	6.395	911.4	0.2604	9.660	984.1	0.2496	12.094	1101.5	0.2465
9	4.204	764.0	0.2358	6.377	817.9	0.2253	8.085	903.2	0.2212
10	1.018	606.2	0.2264	1.559	618.3	0.2158	1.992	635.0	0.2114

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number K1					
	Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	3.020	645.9	0.7396	3.714	631.8	0.7396
2	13.493	989.1	0.7354	16.296	871.4	0.7360
3	18.021	1098.0	0.6636	21.436	926.5	0.6683
4	18.266	1081.5	0.5267	21.764	937.7	0.5369
5	18.431	1068.4	0.4186	22.014	949.3	0.4303
6	17.809	1040.3	0.3463	21.306	937.5	0.3576
7	16.816	1013.9	0.2872	20.175	918.9	0.2976
8	15.044	966.9	0.2475	18.214	893.8	0.2571
9	10.085	814.0	0.2222	12.477	799.2	0.2317
10	2.460	613.9	0.2124	3.053	614.5	0.2214

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number K2								
	Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)		
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)
EFPD	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13
1	0.000		0.7396	0.036	602.2	0.7396	0.427	605.2	0.7396
2	0.000		0.7396	0.164	778.6	0.7396	1.909	789.2	0.7396
3	0.000	Data Not	0.7282	0.237	842.5	0.7282	2.766	858.2	0.7263
4	0.000	Required	0.6473	0.276	899.3	0.6473	3.210	918.1	0.6381
5	0.000		0.5427	0.310	953.6	0.5427	3.586	972.0	0.5290
6	0.000		0.4524	0.307	948.0	0.4524	3.551	967.0	0.4388
7	0.000		0.3773	0.283	910.6	0.3773	3.290	929.3	0.3645
8	0.000		0.3279	0.242	849.1	0.3279	2.824	866.0	0.3159
9	0.000		0.2972	0.166	746.7	0.2972	1.890	751.6	0.2860
10	0.000		0.2850	0.044	607.1	0.2850	0.474	605.2	0.2745

	Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)		
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)
EFPD	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14
1	0.993	621.2	0.7396	1.666	642.2	0.7396	2.095	644.5	0.7396
2	4.452	885.9	0.7396	7.499	1026.5	0.7388	9.358	971.0	0.7380
3	6.507	1001.5	0.7042	10.634	1141.7	0.6833	12.910	1053.9	0.6797
4	7.337	1063.0	0.5942	11.351	1119.7	0.5621	13.565	1035.8	0.5574
5	7.848	1085.8	0.4834	11.766	1101.0	0.4549	14.047	1055.0	0.4508
6	7.587	1048.3	0.4005	11.350	1071.9	0.3772	13.716	1080.2	0.3736
7	6.870	976.8	0.3336	10.368	1024.1	0.3139	12.821	1106.7	0.3098
8	5.754	883.9	0.2907	8.738	937.8	0.2728	11.104	1080.7	0.2672
9	3.741	749.6	0.2649	5.668	784.0	0.2482	7.359	898.7	0.2410
10	0.934	604.6	0.2548	1.423	612.5	0.2385	1.867	637.0	0.2306

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number K2					
	Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	2.484	609.6	0.7396	3.106	624.0	0.7396
2	11.150	799.6	0.7391	13.759	845.3	0.7394
3	15.359	881.7	0.6862	18.570	899.1	0.6892
4	16.258	921.9	0.5696	19.496	902.8	0.5766
5	16.880	946.0	0.4636	20.153	907.4	0.4725
6	16.478	933.8	0.3855	19.663	895.8	0.3948
7	15.480	916.3	0.3208	18.539	879.4	0.3300
8	13.558	882.6	0.2775	16.411	853.5	0.2864
9	9.018	764.4	0.2502	11.057	759.2	0.2588
10	2.239	603.2	0.2385	2.715	603.8	0.2465

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number K3								
	Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)		
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)
EFPD	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13
1	0.000		0.7396	0.045	613.3	0.7396	0.524	615.9	0.7396
2	0.000		0.7396	0.201	836.2	0.7396	2.333	850.1	0.7396
3	0.000	Data Not	0.7061	0.285	913.2	0.7061	3.322	934.2	0.7017
4	0.000	Required	0.6022	0.318	966.0	0.6022	3.701	989.8	0.5901
5	0.000		0.4906	0.347	1015.0	0.4906	4.001	1035.8	0.4762
6	0.000		0.4061	0.338	1000.1	0.4061	3.906	1021.0	0.3927
7	0.000		0.3371	0.314	958.8	0.3371	3.639	980.3	0.3249
8	0.000		0.2912	0.281	906.6	0.2912	3.218	918.9	0.2802
9	0.000		0.2621	0.189	777.6	0.2621	2.154	782.5	0.2522
10	0.000		0.2511	0.046	609.2	0.2511	0.529	610.7	0.2415

	Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)		
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)
EFPD	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14
1	1.218	636.0	0.7396	1.994	655.8	0.7396	2.442	648.5	0.7396
2	5.484	985.8	0.7378	8.983	1064.6	0.7342	10.887	984.1	0.7341
3	7.851	1132.0	0.6752	12.320	1211.5	0.6568	14.602	1055.5	0.6573
4	8.407	1163.4	0.5431	12.616	1158.3	0.5197	14.851	1041.8	0.5212
5	8.689	1160.3	0.4321	12.777	1134.0	0.4133	15.095	1066.1	0.4152
6	8.287	1106.2	0.3565	12.221	1104.1	0.3416	14.624	1091.7	0.3433
7	7.522	1023.7	0.2964	11.204	1057.2	0.2839	13.692	1117.7	0.2847
8	6.408	920.0	0.2578	9.583	969.2	0.2464	11.995	1094.5	0.2457
9	4.152	766.9	0.2340	6.215	802.6	0.2233	7.939	907.2	0.2211
10	1.020	607.6	0.2247	1.536	615.5	0.2142	1.977	636.6	0.2114

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number K3					
	Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	2.902	619.2	0.7396	3.735	647.2	0.7396
2	12.979	847.5	0.7353	16.374	954.7	0.7351
3	17.495	956.7	0.6643	21.665	1035.0	0.6644
4	18.053	1012.7	0.5326	22.156	1024.8	0.5339
5	18.439	1039.6	0.4256	22.499	1018.3	0.4279
6	17.851	1017.4	0.3521	21.750	994.5	0.3550
7	16.713	979.4	0.2922	20.365	959.1	0.2953
8	14.684	921.7	0.2523	17.964	908.4	0.2554
9	9.735	784.1	0.2271	12.001	784.9	0.2301
10	2.391	607.8	0.2169	2.934	609.9	0.2197

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number K4								
	Statepoint 9 (BOC Cy 13)			Statepoint 10 (10 EFPD Cy 13)			Statepoint 11 (113 EFPD Cy 13)		
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)
EFPD	BOC Cy 13	BOC Cy 13	BOC Cy 13	10 Cy 13	10 Cy 13	10 Cy 13	113 Cy 13	113 Cy 13	113 Cy 13
1	0.000		0.7396	0.043	610.9	0.7396	0.510	614.4	0.7396
2	0.000		0.7396	0.197	828.9	0.7396	2.279	842.0	0.7396
3	0.000	Data Not	0.7098	0.280	904.8	0.7098	3.246	923.2	0.7053
4	0.000	Required	0.6082	0.314	958.9	0.6082	3.637	979.9	0.5968
5	0.000		0.4967	0.343	1008.1	0.4967	3.951	1027.9	0.4831
6	0.000		0.4113	0.335	993.8	0.4113	3.866	1014.7	0.3986
7	0.000		0.3417	0.308	949.1	0.3417	3.574	970.6	0.3300
8	0.000		0.2963	0.265	883.4	0.2963	3.077	899.9	0.2853
9	0.000		0.2681	0.178	762.2	0.2681	2.034	768.4	0.2579
10	0.000		0.2573	0.044	607.1	0.2573	0.502	608.1	0.2475

	Statepoint 12 (224 EFPD Cy 13)			Statepoint 13 (325 EFPD Cy 13)			Statepoint 14 (BOC Cy 14)		
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)
EFPD	224 Cy 13	224 Cy 13	224 Cy 13	325 Cy 13	325 Cy 13	325 Cy 13	BOC Cy 14	BOC Cy 14	BOC Cy 14
1	1.182	633.4	0.7396	1.926	651.5	0.7396	2.355	644.5	0.7396
2	5.315	966.0	0.7387	8.667	1036.7	0.7353	10.500	963.5	0.7352
3	7.604	1102.4	0.6806	11.949	1185.7	0.6630	14.170	1037.4	0.6634
4	8.228	1142.8	0.5520	12.373	1145.4	0.5287	14.558	1027.4	0.5301
5	8.573	1148.3	0.4403	12.609	1124.1	0.4213	14.877	1051.2	0.4234
6	8.203	1098.7	0.3632	12.084	1094.1	0.3483	14.437	1076.5	0.3502
7	7.417	1017.4	0.3019	11.037	1046.0	0.2895	13.479	1103.4	0.2905
8	6.223	913.8	0.2626	9.326	957.3	0.2513	11.703	1083.7	0.2508
9	4.012	764.6	0.2388	6.017	794.6	0.2282	7.724	902.8	0.2260
10	0.990	607.3	0.2296	1.493	614.1	0.2191	1.933	636.4	0.2163

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number K4					
	Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
Node No.	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)	Burnup (GWd/MTU)	Fuel Temp. (K)	Mod. Dens. (g/cm^3)
EFPD	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	2.625	593.8	0.7396	3.215	620.5	0.7396
2	11.766	721.4	0.7365	14.230	826.7	0.7372
3	15.934	778.0	0.6726	18.983	878.3	0.6776
4	16.539	809.4	0.5502	19.649	885.9	0.5604
5	16.986	828.4	0.4480	20.146	892.5	0.4601
6	16.513	823.5	0.3743	19.589	881.6	0.3866
7	15.790	860.3	0.3154	18.763	868.5	0.3270
8	14.537	946.2	0.2774	17.701	893.1	0.2899
9	9.706	811.5	0.2482	12.030	791.6	0.2593
10	2.369	610.3	0.2344	2.918	610.5	0.2445

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number L1								
	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	0.000		0.7396	0.395	610.1	0.7396	1.125	635.4	0.7396
2	0.000		0.7396	1.827	828.7	0.7396	5.051	966.6	0.7384
3	0.000	Data Not	0.7075	2.766	932.5	0.7075	7.285	1086.1	0.6802
4	0.000	Required	0.5945	3.252	1019.2	0.5945	7.943	1113.6	0.5502
5	0.000		0.4748	3.601	1086.5	0.4748	8.369	1126.5	0.4362
6	0.000		0.3870	3.514	1069.3	0.3870	8.035	1086.5	0.3574
7	0.000		0.3172	3.256	1019.8	0.3172	7.377	1024.3	0.2949
8	0.000		0.2724	2.827	942.9	0.2724	6.365	941.1	0.2544
9	0.000		0.2453	1.838	788.6	0.2453	4.145	788.5	0.2295
10	0.000		0.2349	0.428	609.1	0.2349	0.984	610.8	0.2199

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number L2								
	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	0.000		0.7396	0.442	616.4	0.7396	1.222	640.9	0.7396
2	0.000		0.7396	2.092	876.1	0.7396	5.642	1020.5	0.7363
3	0.000	Data Not	0.6944	3.138	998.0	0.6944	8.075	1154.9	0.6661
4	0.000	Required	0.5680	3.447	1056.3	0.5680	8.210	1125.8	0.5290
5	0.000		0.4507	3.610	1088.6	0.4507	8.196	1096.6	0.4203
6	0.000		0.3706	3.431	1053.2	0.3706	7.674	1042.8	0.3482
7	0.000		0.3068	3.173	1004.4	0.3068	7.022	984.4	0.2908
8	0.000		0.2647	2.781	935.0	0.2647	6.120	914.3	0.2525
9	0.000		0.2390	1.769	778.8	0.2390	3.927	771.6	0.2286
10	0.000		0.2295	0.410	607.1	0.2295	0.919	606.6	0.2197

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number M1								
	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	0.000		0.7396	0.445	616.8	0.7396	1.080	624.9	0.7396
2	0.000		0.7396	1.869	835.3	0.7396	4.583	888.0	0.7396
3	0.000	Data Not	0.7043	2.614	906.1	0.7043	6.572	999.7	0.6927
4	0.000	Required	0.5994	2.964	966.0	0.5994	7.367	1066.7	0.5721
5	0.000		0.4899	3.319	1030.7	0.4899	7.957	1104.3	0.4583
6	0.000		0.4039	3.357	1037.9	0.4039	7.867	1083.7	0.3763
7	0.000		0.3315	3.226	1013.4	0.3315	7.416	1034.0	0.3093
8	0.000		0.2833	2.866	949.0	0.2833	6.509	954.9	0.2652
9	0.000		0.2531	1.929	801.4	0.2531	4.388	805.6	0.2375
10	0.000		0.2409	0.477	614.7	0.2409	1.095	616.3	0.2266

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number M2								
	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	0.000		0.7396	0.533	628.7	0.7396	1.338	643.5	0.7396
2	0.000		0.7394	2.295	879.0	0.7394	5.735	957.8	0.7360
3	0.000	Data Not	0.6854	3.197	1008.0	0.6854	7.917	1117.6	0.6657
4	0.000	Required	0.5588	3.378	1041.9	0.5588	8.089	1116.1	0.5286
5	0.000		0.4463	3.498	1065.4	0.4463	8.135	1104.0	0.4199
6	0.000		0.3692	3.369	1040.4	0.3692	7.745	1062.5	0.3478
7	0.000		0.3067	3.143	998.0	0.3067	7.165	1008.8	0.2898
8	0.000		0.2652	2.745	928.3	0.2652	6.272	938.9	0.2510
9	0.000		0.2395	1.791	781.6	0.2395	4.200	799.8	0.2262
10	0.000		0.2298	0.429	609.2	0.2298	1.033	615.0	0.2166

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number M3								
	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	0.000		0.7396	0.417	613.0	0.7396	1.054	625.1	0.7396
2	0.000		0.7396	1.763	817.0	0.7396	4.473	887.2	0.7396
3	0.000	Data Not	0.7116	2.476	883.6	0.7116	6.385	992.6	0.6960
4	0.000	Required	0.6138	2.837	943.7	0.6138	7.189	1058.8	0.5793
5	0.000		0.5058	3.196	1007.6	0.5058	7.797	1098.3	0.4663
6	0.000		0.4183	3.233	1014.7	0.4183	7.709	1078.1	0.3837
7	0.000		0.3441	3.097	989.6	0.3441	7.242	1027.3	0.3159
8	0.000		0.2946	2.744	928.0	0.2946	6.344	949.0	0.2713
9	0.000		0.2637	1.841	788.6	0.2637	4.267	801.9	0.2432
10	0.000		0.2510	0.447	611.1	0.2510	1.049	614.9	0.2320

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number M4								
	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	0.000		0.7396	0.354	604.6	0.7396	1.006	626.8	0.7396
2	0.000		0.7396	1.514	775.4	0.7396	4.253	891.4	0.7396
3	0.000	Data Not	0.7148	2.126	829.1	0.7148	5.982	984.8	0.6967
4	0.000	Required	0.6332	2.439	877.7	0.6332	6.652	1037.3	0.5878
5	0.000		0.5413	2.748	928.4	0.5413	7.178	1070.8	0.4827
6	0.000		0.4594	2.784	934.5	0.4594	7.089	1051.5	0.4032
7	0.000		0.3836	2.663	914.2	0.3836	6.652	1004.0	0.3352
8	0.000		0.3312	2.352	864.0	0.3312	5.826	931.8	0.2894
9	0.000		0.2979	1.567	750.2	0.2979	3.904	791.5	0.2602
10	0.000		0.2798	0.366	602.0	0.2798	0.943	612.6	0.2463

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number M5								
	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	0.000		0.7396	0.435	615.4	0.7396	1.192	638.2	0.7396
2	0.000		0.7396	1.871	835.7	0.7396	5.047	958.0	0.7385
3	0.000	Data Not	0.7096	2.671	915.5	0.7096	7.043	1062.0	0.6822
4	0.000	Required	0.6040	3.020	975.9	0.6040	7.557	1087.8	0.5573
5	0.000		0.4903	3.301	1027.3	0.4903	7.903	1098.5	0.4468
6	0.000		0.4044	3.261	1019.8	0.4044	7.678	1069.0	0.3687
7	0.000		0.3339	3.066	984.0	0.3339	7.147	1017.7	0.3054
8	0.000		0.2874	2.676	916.7	0.2874	6.227	942.2	0.2636
9	0.000		0.2588	1.756	776.6	0.2588	4.139	796.8	0.2372
10	0.000		0.2479	0.420	608.2	0.2479	1.012	613.9	0.2270

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number M6								
	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	0.000		0.7396	0.454	618.0	0.7396	1.241	641.5	0.7396
2	0.000		0.7396	1.974	854.0	0.7396	5.303	982.7	0.7374
3	0.000	Data Not	0.7034	2.838	944.0	0.7034	7.416	1094.6	0.6749
4	0.000	Required	0.5899	3.175	1003.8	0.5899	7.834	1107.7	0.5449
5	0.000		0.4745	3.404	1046.9	0.4745	8.042	1104.1	0.4349
6	0.000		0.3912	3.314	1029.9	0.3912	7.710	1065.6	0.3594
7	0.000		0.3235	3.097	989.6	0.3235	7.139	1011.9	0.2986
8	0.000		0.2790	2.707	921.8	0.2790	6.234	938.9	0.2582
9	0.000		0.2515	1.772	778.8	0.2515	4.149	796.1	0.2326
10	0.000		0.2413	0.421	608.2	0.2413	1.008	613.6	0.2228

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number M7								
	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	0.000		0.7396	0.299	597.4	0.7396	0.937	625.3	0.7396
2	0.000		0.7396	1.286	738.9	0.7396	3.987	885.9	0.7396
3	0.000	Data Not	0.7259	1.840	787.3	0.7259	5.697	985.0	0.6986
4	0.000	Required	0.6558	2.177	836.9	0.6558	6.477	1050.8	0.5912
5	0.000		0.5704	2.519	890.4	0.5704	7.080	1091.8	0.4877
6	0.000		0.4902	2.585	901.1	0.4902	7.022	1072.1	0.4091
7	0.000		0.4129	2.486	885.0	0.4129	6.580	1019.6	0.3413
8	0.000		0.3576	2.201	840.6	0.3576	5.748	941.7	0.2952
9	0.000		0.3219	1.463	736.1	0.3219	3.841	796.2	0.2654
10	0.000		0.3018	0.338	598.9	0.3018	0.926	613.6	0.2503

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number M8								
	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	0.000		0.7396	0.387	609.0	0.7396	1.099	633.3	0.7396
2	0.000		0.7396	1.669	801.1	0.7396	4.674	931.6	0.7396
3	0.000	Data Not	0.7189	2.417	874.2	0.7189	6.635	1038.4	0.6895
4	0.000	Required	0.6262	2.816	940.1	0.6262	7.311	1081.2	0.5707
5	0.000		0.5164	3.151	999.4	0.5164	7.777	1102.2	0.4606
6	0.000		0.4268	3.136	996.7	0.4268	7.586	1074.2	0.3801
7	0.000		0.3524	2.953	963.9	0.3524	7.046	1019.5	0.3146
8	0.000		0.3033	2.580	900.7	0.3033	6.119	940.7	0.2714
9	0.000		0.2729	1.696	768.1	0.2729	4.060	794.6	0.2442
10	0.000		0.2612	0.403	606.3	0.2612	0.989	613.4	0.2335

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number M9								
	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	0.000		0.7396	0.410	612.1	0.7396	1.133	634.5	0.7396
2	0.000		0.7396	1.808	824.9	0.7396	4.872	940.8	0.7394
3	0.000	Data Not	0.7101	2.713	922.8	0.7101	7.012	1050.7	0.6864
4	0.000	Required	0.5997	3.172	1003.5	0.5997	7.658	1079.7	0.5613
5	0.000		0.4814	3.477	1061.1	0.4814	7.996	1085.2	0.4480
6	0.000		0.3941	3.403	1046.9	0.3941	7.706	1051.2	0.3688
7	0.000		0.3239	3.175	1003.9	0.3239	7.128	998.8	0.3052
8	0.000		0.2785	2.773	933.1	0.2785	6.200	925.3	0.2635
9	0.000		0.2507	1.830	787.2	0.2507	4.121	786.2	0.2375
10	0.000		0.2400	0.439	610.3	0.2400	1.003	611.4	0.2276

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number M10								
	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	0.000		0.7396	0.525	627.6	0.7396	1.334	644.0	0.7396
2	0.000		0.7390	2.319	883.1	0.7390	5.827	967.8	0.7357
3	0.000	Data Not	0.6810	3.324	1032.1	0.6810	8.188	1141.4	0.6626
4	0.000	Required	0.5473	3.562	1078.0	0.5473	8.364	1131.1	0.5207
5	0.000		0.4322	3.694	1104.6	0.4322	8.357	1108.1	0.4109
6	0.000		0.3551	3.543	1074.3	0.3551	7.909	1061.0	0.3395
7	0.000		0.2934	3.307	1028.6	0.2934	7.304	1005.2	0.2824
8	0.000		0.2526	2.911	957.0	0.2526	6.412	935.3	0.2443
9	0.000		0.2275	1.896	796.7	0.2275	4.245	793.0	0.2203
10	0.000		0.2180	0.456	612.3	0.2180	1.035	612.7	0.2113

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number M11								
	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	0.000		0.7396	0.464	619.3	0.7396	1.231	639.3	0.7396
2	0.000		0.7396	2.095	876.1	0.7396	5.454	988.1	0.7373
3	0.000	Data Not	0.6927	3.150	999.6	0.6927	7.907	1123.8	0.6712
4	0.000	Required	0.5639	3.503	1066.3	0.5639	8.218	1116.9	0.5332
5	0.000		0.4454	3.675	1100.7	0.4454	8.226	1090.2	0.4219
6	0.000		0.3649	3.519	1069.6	0.3649	7.756	1041.2	0.3485
7	0.000		0.3008	3.283	1024.0	0.3008	7.143	985.3	0.2900
8	0.000		0.2586	2.904	955.7	0.2586	6.274	917.7	0.2511
9	0.000		0.2327	1.896	796.7	0.2327	4.134	780.4	0.2267
10	0.000		0.2229	0.456	612.2	0.2229	1.002	609.8	0.2175

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number M12								
	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	0.000		0.7396	0.372	607.0	0.7396	1.110	636.1	0.7396
2	0.000		0.7396	1.649	797.8	0.7396	4.812	956.4	0.7388
3	0.000	Data Not	0.7213	2.470	882.7	0.7213	6.942	1077.9	0.6836
4	0.000	Required	0.6244	2.933	960.5	0.6244	7.654	1117.6	0.5595
5	0.000		0.5093	3.271	1021.7	0.5093	8.050	1127.4	0.4486
6	0.000		0.4188	3.217	1011.7	0.4188	7.757	1088.5	0.3695
7	0.000		0.3455	2.989	970.2	0.3455	7.109	1023.6	0.3061
8	0.000		0.2978	2.585	901.6	0.2978	6.106	938.2	0.2647
9	0.000		0.2687	1.683	766.3	0.2687	4.003	789.7	0.2389
10	0.000		0.2578	0.397	605.6	0.2578	0.965	611.8	0.2288

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number M13								
	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	0.000		0.7396	0.438	615.8	0.7396	1.202	639.0	0.7396
2	0.000		0.7396	2.017	862.2	0.7396	5.407	993.4	0.7374
3	0.000	Data Not	0.6967	3.092	989.1	0.6967	7.907	1133.5	0.6715
4	0.000	Required	0.5706	3.461	1058.0	0.5706	8.180	1117.5	0.5349
5	0.000		0.4519	3.627	1091.0	0.4519	8.141	1084.2	0.4244
6	0.000		0.3707	3.460	1058.0	0.3707	7.638	1032.2	0.3514
7	0.000		0.3061	3.216	1011.4	0.3061	7.006	975.3	0.2930
8	0.000		0.2635	2.837	944.0	0.2635	6.130	907.6	0.2542
9	0.000		0.2375	1.834	787.8	0.2375	3.993	771.4	0.2299
10	0.000		0.2277	0.438	610.2	0.2277	0.960	607.6	0.2208

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number M14								
	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	0.000		0.7396	0.420	613.4	0.7396	1.216	642.5	0.7396
2	0.000		0.7396	1.878	837.2	0.7396	5.320	1001.6	0.7369
3	0.000	Data Not	0.7055	2.821	941.1	0.7055	7.651	1136.0	0.6707
4	0.000	Required	0.5909	3.251	1018.1	0.5909	8.116	1141.7	0.5370
5	0.000		0.4727	3.523	1070.1	0.4727	8.297	1126.5	0.4268
6	0.000		0.3872	3.420	1050.2	0.3872	7.900	1078.9	0.3518
7	0.000		0.3190	3.159	1001.0	0.3190	7.212	1013.6	0.2919
8	0.000		0.2749	2.725	925.0	0.2749	6.182	929.5	0.2529
9	0.000		0.2481	1.766	778.1	0.2481	4.024	782.6	0.2286
10	0.000		0.2380	0.425	608.7	0.2380	0.979	610.5	0.2195

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number M15								
	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	0.000		0.7396	0.404	611.3	0.7396	1.169	639.1	0.7396
2	0.000		0.7396	1.824	827.9	0.7396	5.138	980.8	0.7379
3	0.000	Data Not	0.7081	2.803	938.0	0.7081	7.491	1112.5	0.6765
4	0.000	Required	0.5939	3.253	1018.5	0.5939	7.949	1113.6	0.5459
5	0.000		0.4750	3.513	1068.2	0.4750	8.090	1094.2	0.4355
6	0.000		0.3892	3.397	1045.7	0.3892	7.682	1048.6	0.3597
7	0.000		0.3206	3.138	997.1	0.3206	7.022	988.8	0.2990
8	0.000		0.2765	2.721	924.2	0.2765	6.044	911.5	0.2593
9	0.000		0.2495	1.772	778.9	0.2495	3.943	772.6	0.2347
10	0.000		0.2392	0.427	608.9	0.2392	0.956	608.3	0.2254

Quad Cities 2 Fuel Assembly Data for SAS2H Depletions

	Assembly Number M16								
	Statepoint 14 (BOC Cy 14)			Statepoint 15 (94 EFPD Cy 14)			Statepoint 16 (211 EFPD Cy 14)		
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)
EFPD	BOC Cy 14	BOC Cy 14	BOC Cy 14	94 Cy 14	94 Cy 14	94 Cy 14	211 Cy 14	211 Cy 14	211 Cy 14
1	0.000		0.7396	0.420	613.4	0.7396	1.196	640.3	0.7396
2	0.000		0.7396	1.931	846.7	0.7396	5.353	998.7	0.7371
3	0.000	Data Not	0.7011	2.974	968.0	0.7011	7.810	1136.7	0.6711
4	0.000	Required	0.5800	3.384	1043.2	0.5800	8.128	1121.6	0.5367
5	0.000		0.4611	3.585	1082.4	0.4611	8.143	1091.3	0.4270
6	0.000		0.3781	3.429	1051.9	0.3781	7.663	1040.8	0.3533
7	0.000		0.3122	3.156	1000.5	0.3122	6.987	981.1	0.2944
8	0.000		0.2695	2.740	927.5	0.2695	6.029	906.9	0.2557
9	0.000		0.2434	1.773	779.1	0.2434	3.913	769.3	0.2316
10	0.000		0.2335	0.424	608.5	0.2335	0.940	607.2	0.2226

Quad Cities Unit 2
Assembly Control Blade Insertion History Statements

Control Blade Insertion History

Insertion history for controlled assemblies during the operation of Quad Cities Unit 2 Cycles 9-14 is provided in this attachment. The format of the insertion histories are statements that can be written into the input files of SPACE , Version 01 (Attachment II). Description of the data in the given format is provided in the following table for fuel assembly A1. This representative description applies to all the controlled fuel assemblies. Assembly insertion histories that are listed as "0" describe assemblies that did not meet the minimum criteria for the definition of a controlled assembly.

Fuel Assembly: A1
Bladed Cycle: 11
Number of Irradiation Steps: 6

Relative Cycle for Fuel Assy	Relative DP or SP in a Cycle	Relative Step Number	Nodes Exposed to a Blade		SAS2H Material Identifier
			Bottom Node No.	Top Node No.	
3	1	1	1	3	11
3	1	2	1	3	11
3	1	3	1	8	11
3	2	1	1	7	11
3	2	2	1	8	11
3	2	3	1	2	11

ASSEMBLY: A1
BLADED CYCLE: 11

```
**********************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 6                          : Number of irradiation steps with CRB inserted
1                           : Number of axial sections with CRB inserted in step
 3  1  1  1  3 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  1  2  1  3 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  1  3  1  8 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  2  1  1  7 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  2  2  1  8 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  2  3  1  2 11          : Insertion history statement

**********************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 6                          : Number of irradiation steps with CRB inserted
1                           : Number of axial sections with CRB inserted in step
 3  1  1  1  6 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  1  2  1  6 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  1  3  1 18 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  2  1  1 16 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  2  2  1 19 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  2  3  1  3 11          : Insertion history statement
```

ASSEMBLY: A2
BLADED CYCLE: 10

```
**********************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 1                          : Number of irradiation steps with CRB inserted
1                           : Number of axial sections with CRB inserted in step
 2  2  2  1  7 11          : Insertion history statement

**********************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):

 1                          : Number of irradiation steps with CRB inserted
1                           : Number of axial sections with CRB inserted in step
 2  2  2  1 16 11          : Insertion history statement
```

ASSEMBLY: A3
BLADED CYCLE: 10

```
**********************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 0                        : Number of irradiation steps with CRB inserted

**********************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 0                        : Number of irradiation steps with CRB inserted
```

ASSEMBLY: A3
BLADED CYCLE: 11

```
**********************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 4                        : Number of irradiation steps with CRB inserted
1                         : Number of axial sections with CRB inserted in step
 3  1  2  1  3 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  1  3  1  9 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  2  1  1  5 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  2  2  1 10 11         : Insertion history statement

**********************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 4                        : Number of irradiation steps with CRB inserted
1                         : Number of axial sections with CRB inserted in step
 3  1  2  1  5 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  1  3  1 22 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  2  1  1 10 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  2  2  1 24 11         : Insertion history statement
```

ASSEMBLY: A4
BLADED CYCLE: 11

```
**********************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 7                        : Number of irradiation steps with CRB inserted
1                         : Number of axial sections with CRB inserted in step
 3  1  1  1  7 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  1  2  1  8 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  1  3  1  3 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  2  1  1  3 11         : Insertion history statement
```

```
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1  3 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  3  1  8 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  4  1  3 11       : Insertion history statement

************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 7                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  1  1  1 16 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  1  2  1 18 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  1  3  1  6 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  1  1  6 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1  6 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  3  1 18 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  4  1 12 11       : Insertion history statement


ASSEMBLY:    A6
BLADED CYCLE:  10
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 0                      : Number of irradiation steps with CRB inserted

************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 0                      : Number of irradiation steps with CRB inserted


ASSEMBLY:    A7
BLADED CYCLE:  10

************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 2  2  2  1  7 11       : Insertion history statement

************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 2  2  2  1 16 11       : Insertion history statement
```

ASSEMBLY: A7
BLADED CYCLE: 12

```
**********************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 2                        : Number of irradiation steps with CRB inserted
1                         : Number of axial sections with CRB inserted in step
 4  1  1  1  8 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 4  1  3  1  8 11         : Insertion history statement

**********************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 2                        : Number of irradiation steps with CRB inserted
1                         : Number of axial sections with CRB inserted in step
 4  1  1  1 20 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 4  1  3  1 20 11         : Insertion history statement
```

ASSEMBLY: A8
BLADED CYCLE: 11

```
**********************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 2                        : Number of irradiation steps with CRB inserted
1                         : Number of axial sections with CRB inserted in step
 3  2  1  1  3 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  2  2  1  3 11         : Insertion history statement

**********************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 2                        : Number of irradiation steps with CRB inserted
1                         : Number of axial sections with CRB inserted in step
 3  2  1  1  4 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  2  2  1  4 11         : Insertion history statement
```

ASSEMBLY: B1
BLADED CYCLE: 11

```
**********************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 6                        : Number of irradiation steps with CRB inserted
1                         : Number of axial sections with CRB inserted in step
 3  1  1  1  3 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  1  2  1  3 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  1  3  1  8 11         : Insertion history statement
```

```
1                       : Number of axial sections with CRB inserted in step
 3  2  1  1  6 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1  8 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  3  1  2 11       : Insertion history statement

*********************************************
```

SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):

```
 6                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  1  1  1  6 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  1  2  1  6 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  1  3  1 18 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  1  1 13 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1 19 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  3  1  3 11       : Insertion history statement
```

ASSEMBLY: B2
BLADED CYCLE: 11

```
*********************************************
```

SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):

```
 4                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  1  2  1  4 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  1  3  1  6 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  1  1  6 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1  6 11       : Insertion history statement

*********************************************
```

SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):

```
 4                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  1  2  1  9 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  1  3  1 14 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  1  1 14 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1 14 11       : Insertion history statement
```

ASSEMBLY: B3
BLADED CYCLE: 10

```
**********************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 5                          : Number of irradiation steps with CRB inserted
1                           : Number of axial sections with CRB inserted in step
 2  1  3  1  1 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  1  4  1  9 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  2  1  1  8 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  2  2  1  5 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  2  3  1  1 11          : Insertion history statement
**********************************************

SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 5                          : Number of irradiation steps with CRB inserted
1                           : Number of axial sections with CRB inserted in step
 2  1  3  1  1 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  1  4  1 21 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  2  1  1 20 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  2  2  1  9 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  2  3  1  1 11          : Insertion history statement
```

ASSEMBLY: B4
BLADED CYCLE: 10

```
**********************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 0                          : Number of irradiation steps with CRB inserted

**********************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 0                          : Number of irradiation steps with CRB inserted
```

ASSEMBLY: B5
BLADED CYCLE: 11

```
**********************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 6                          : Number of irradiation steps with CRB inserted
1                           : Number of axial sections with CRB inserted in step
 3  1  1  1  7 11          : Insertion history statement
```

```
1                       : Number of axial sections with CRB inserted in step
 3  1  2  1  8 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  1  3  1  3 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  1  1  3 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1  3 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  3  1  8 11       : Insertion history statement

***********************************************
```

SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):

```
 6                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  1  1  1 16 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  1  2  1 18 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  1  3  1  6 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  1  1  6 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1  5 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  3  1 18 11       : Insertion history statement
```

ASSEMBLY: C3
BLADED CYCLE: 12

```
***********************************************
```

SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):

```
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1  3 11       : Insertion history statement

***********************************************
```

SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):

```
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1  5 11       : Insertion history statement
```

ASSEMBLY: C4
BLADED CYCLE: 11

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 6                          : Number of irradiation steps with CRB inserted
1                           : Number of axial sections with CRB inserted in step
 2  1  1  1  6 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  1  2  1  6 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  1  3  1  2 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  2  1  1  3 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  2  2  1  4 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  2  3  1  6 11          : Insertion history statement

************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 6                          : Number of irradiation steps with CRB inserted
1                           : Number of axial sections with CRB inserted in step
 2  1  1  1 13 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  1  2  1 13 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  1  3  1  3 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  2  1  1  6 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  2  2  1  7 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  2  3  1 14 11          : Insertion history statement
```

ASSEMBLY: C4
BLADED CYCLE: 13

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 1                          : Number of irradiation steps with CRB inserted
1                           : Number of axial sections with CRB inserted in step
 4  3  1  1  5 11          : Insertion history statement

************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 1                          : Number of irradiation steps with CRB inserted
1                           : Number of axial sections with CRB inserted in step
```

```
 4  3  1  1 10 11       : Insertion history statement
```

ASSEMBLY: C5
BLADED CYCLE: 12

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 2                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  2  1  1  3 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1  6 11       : Insertion history statement

************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 2                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  2  1  1  5 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1 14 11       : Insertion history statement
```

ASSEMBLY: C5
BLADED CYCLE: 14

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 0                      : Number of irradiation steps with CRB inserted

************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 0                      : Number of irradiation steps with CRB inserted
```

ASSEMBLY: C6
BLADED CYCLE: 10

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 0                      : Number of irradiation steps with CRB inserted

************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 0                      : Number of irradiation steps with CRB inserted
```

ASSEMBLY: C6
BLADED CYCLE: 12

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 0                      : Number of irradiation steps with CRB inserted

************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 0                      : Number of irradiation steps with CRB inserted
```

ASSEMBLY: C7
BLADED CYCLE: 10

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 0                      : Number of irradiation steps with CRB inserted

************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 0                      : Number of irradiation steps with CRB inserted
```

ASSEMBLY: C7
BLADED CYCLE: 12

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1  3 11       : Insertion history statement

************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1  5 11       : Insertion history statement
```

ASSEMBLY: C8
BLADED CYCLE: 12

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 5                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  1  1  1  6 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
```

```
 3  1  2  1  6 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  1  3  1  7 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  1  1  2 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1  6 11       : Insertion history statement

************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 5                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  1  1  1 14 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  1  2  1 13 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  1  3  1 15 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  1  1  3 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1 12 11       : Insertion history statement


ASSEMBLY:    C9
BLADED CYCLE:  10
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 0                      : Number of irradiation steps with CRB inserted

************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 0                      : Number of irradiation steps with CRB inserted


ASSEMBLY:    C9
BLADED CYCLE:  13

************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 6                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 4  1  1  1  9 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 4  2  1  1  8 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 4  2  2  1 10 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 4  3  1  1 10 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 4  3  2  1 10 11       : Insertion history statement
```

```
1                       : Number of axial sections with CRB inserted in step
 4  4  2  1 10 11       : Insertion history statement

*********************************************
```

SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):

```
 6                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 4  1  1  1 21 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 4  2  1  1 19 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 4  2  2  1 24 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 4  3  1  1 24 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 4  3  2  1 24 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 4  4  2  1 24 11       : Insertion history statement
```

ASSEMBLY: C10
BLADED CYCLE: 11

```
*********************************************
```

SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):

```
 6                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 2  1  1  1  6 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 2  1  2  1  6 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 2  1  3  1  2 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 2  2  1  1  3 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 2  2  2  1  4 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 2  2  3  1  6 11       : Insertion history statement

*********************************************
```

SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):

```
 6                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 2  1  1  1 13 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 2  1  2  1 13 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 2  1  3  1  3 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 2  2  1  1  6 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 2  2  2  1  7 11       : Insertion history statement
```

```
1                       : Number of axial sections with CRB inserted in step
 2  2  3  1 14 11       : Insertion history statement
```

ASSEMBLY: C11
BLADED CYCLE: 10

```
************************************************
```

SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):

```
 0                      : Number of irradiation steps with CRB inserted

************************************************
```

SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):

```
 0                      : Number of irradiation steps with CRB inserted
```

ASSEMBLY: C11
BLADED CYCLE: 12

```
************************************************
```

SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):

```
 2                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  2  1  1  3 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1  6 11       : Insertion history statement

************************************************
```

SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):

```
 2                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  2  1  1  5 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1 14 11       : Insertion history statement
```

ASSEMBLY: C14
BLADED CYCLE: 10

```
************************************************
```

SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):

```
0           : Number of irradiation steps with CRB inserted

************************************************
```

SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):

```
 0                      : Number of irradiation steps with CRB inserted
```

ASSEMBLY: C14
BLADED CYCLE: 13

```
**********************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 6                          : Number of irradiation steps with CRB inserted
1                           : Number of axial sections with CRB inserted in step
 4  1  1  1  9 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 4  2  1  1  8 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 4  2  2  1 10 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 4  3  1  1 10 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 4  3  2  1 10 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 4  4  2  1 10 11          : Insertion history statement

**********************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 6                          : Number of irradiation steps with CRB inserted
1                           : Number of axial sections with CRB inserted in step
 4  1  1  1 21 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 4  2  1  1 19 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 4  2  2  1 24 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 4  3  1  1 24 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 4  3  2  1 24 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 4  4  2  1 24 11          : Insertion history statement
```

ASSEMBLY: C14
BLADED CYCLE: 14

```
**********************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 0                          : Number of irradiation steps with CRB inserted

**********************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 0                          : Number of irradiation steps with CRB inserted
```

ASSEMBLY: D2
BLADED CYCLE: 10

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 0                        : Number of irradiation steps with CRB inserted

************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 0                        : Number of irradiation steps with CRB inserted
```

ASSEMBLY: D3
BLADED CYCLE: 12

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 3                        : Number of irradiation steps with CRB inserted
1                         : Number of axial sections with CRB inserted in step
 3  1  3  1  2 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  2  1  1  3 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  2  2  1  6 11         : Insertion history statement

************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 3                        : Number of irradiation steps with CRB inserted
1                         : Number of axial sections with CRB inserted in step
 3  1  3  1  3 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  2  1  1  5 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  2  2  1 14 11         : Insertion history statement
```

ASSEMBLY: D6
BLADED CYCLE: 12

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 0                        : Number of irradiation steps with CRB inserted

************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 0                        : Number of irradiation steps with CRB inserted
```

ASSEMBLY: D6
BLADED CYCLE: 13

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 4  1  1  1  2 11       : Insertion history statement

************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 4  1  1  1  3 11       : Insertion history statement
```

ASSEMBLY: D8
BLADED CYCLE: 11

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 4                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 2  1  2  1  3 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 2  1  3  1  8 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 2  2  1  1  5 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 2  2  2  1  7 11       : Insertion history statement

************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 4                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 2  1  2  1  6 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 2  1  3  1 18 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 2  2  1  1 10 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 2  2  2  1 16 11       : Insertion history statement
```

ASSEMBLY: D9
BLADED CYCLE: 12

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
```

```
 3                          : Number of irradiation steps with CRB inserted
1                           : Number of axial sections with CRB inserted in step
 3  1  3  1  2 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  2  1  1  3 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  2  2  1  6 11          : Insertion history statement

************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 3                          : Number of irradiation steps with CRB inserted
1                           : Number of axial sections with CRB inserted in step
 3  1  3  1  3 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  2  1  1  5 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  2  2  1 14 11          : Insertion history statement


ASSEMBLY:     D10
BLADED CYCLE: 12

************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 5                          : Number of irradiation steps with CRB inserted
1                           : Number of axial sections with CRB inserted in step
 3  1  1  1  6 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  1  2  1  6 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  1  3  1  7 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  2  1  1  7 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  2  2  1  6 11          : Insertion history statement


************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 5                          : Number of irradiation steps with CRB inserted
1                           : Number of axial sections with CRB inserted in step
 3  1  1  1 14 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  1  2  1 14 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  1  3  1 16 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  2  1  1 16 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  2  2  1 12 11          : Insertion history statement
```

ASSEMBLY: D10
BLADED CYCLE: 13

```
**************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 4  1  1  1  2 11       : Insertion history statement

**************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 4  1  1  1  3 11       : Insertion history statement
```

ASSEMBLY: E2
BLADED CYCLE: 13

```
**************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  4  2  1  5 11       : Insertion history statement

**************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  4  2  1  9 11       : Insertion history statement
```

ASSEMBLY: E7
BLADED CYCLE: 13

```
**************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 4                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  1  1  1  5 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  1  1  2 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  3  2  1  6 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  4  1  1  2 11       : Insertion history statement
```

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 4                        : Number of irradiation steps with CRB inserted
1                         : Number of axial sections with CRB inserted in step
 3  1  1  1  9 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  2  1  1  3 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  3  2  1 14 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  4  1  1  3 11         : Insertion history statement
```

ASSEMBLY: E8
BLADED CYCLE: 14

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 1                        : Number of irradiation steps with CRB inserted
1                         : Number of axial sections with CRB inserted in step
 4  1  2  1 10 11         : Insertion history statement

************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 1                        : Number of irradiation steps with CRB inserted
1                         : Number of axial sections with CRB inserted in step
 4  1  2  1 24 11         : Insertion history statement
```

ASSEMBLY: E10
BLADED CYCLE: 14

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 3                        : Number of irradiation steps with CRB inserted
1                         : Number of axial sections with CRB inserted in step
 4  1  1  1  7 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 4  1  2  1  7 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 4  2  1  1  5 11         : Insertion history statement

************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 3                        : Number of irradiation steps with CRB inserted
1                         : Number of axial sections with CRB inserted in step
 4  1  1  1 15 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 4  1  2  1 15 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 4  2  1  1  9 11         : Insertion history statement
```

ASSEMBLY: E11
BLADED CYCLE: 13

```
**********************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 4                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  1  1  1  5 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  1  1  2 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  3  2  1  6 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  4  1  1  2 11       : Insertion history statement

**********************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 4                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  1  1  1  9 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  1  1  3 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  3  2  1 14 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  4  1  1  3 11       : Insertion history statement
```

ASSEMBLY: E12
BLADED CYCLE: 13

```
**********************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  4  2  1  5 11       : Insertion history statement

**********************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  4  2  1  9 11       : Insertion history statement
```

ASSEMBLY: E13
BLADED CYCLE: 14

```
**********************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 0                      : Number of irradiation steps with CRB inserted
```

```
**************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 0                        : Number of irradiation steps with CRB inserted
```

ASSEMBLY: E14
BLADED CYCLE: 14

```
**************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 2                        : Number of irradiation steps with CRB inserted
1                         : Number of axial sections with CRB inserted in step
 4  1  1  1  3 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 4  2  2  1  9 11         : Insertion history statement

**************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 2                        : Number of irradiation steps with CRB inserted
1                         : Number of axial sections with CRB inserted in step
 4  1  1  1  6 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 4  2  2  1 21 11         : Insertion history statement
```

ASSEMBLY: F1
BLADED CYCLE: 13

```
**************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 4                        : Number of irradiation steps with CRB inserted
1                         : Number of axial sections with CRB inserted in step
 3  1  1  1  5 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  3  1  1  6 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  3  2  1  6 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  4  1  1  4 11         : Insertion history statement

**************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 4                        : Number of irradiation steps with CRB inserted
1                         : Number of axial sections with CRB inserted in step
 3  1  1  1  9 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  3  1  1 13 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  3  2  1 14 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  4  1  1  7 11         : Insertion history statement
```

ASSEMBLY: F2
BLADED CYCLE: 13

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  4  2  1  5 11       : Insertion history statement

**************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  4  2  1 11 11       : Insertion history statement
```

ASSEMBLY: F4
BLADED CYCLE: 14

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 0                      : Number of irradiation steps with CRB inserted

**************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 0                      : Number of irradiation steps with CRB inserted
```

ASSEMBLY: F5
BLADED CYCLE: 13

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 7                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  1  1  1  7 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  1  1  7 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1  8 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  3  1  1 10 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  3  2  1 10 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  4  1  1 10 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
```

```
 3  4  2  1  3 11      : Insertion history statement

*********************************************
```

SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):

```
 7                    : Number of irradiation steps with CRB inserted
1                     : Number of axial sections with CRB inserted in step
 3  1  1  1 17 11     : Insertion history statement
1                     : Number of axial sections with CRB inserted in step
 3  2  1  1 17 11     : Insertion history statement
1                     : Number of axial sections with CRB inserted in step
 3  2  2  1 18 11     : Insertion history statement
1                     : Number of axial sections with CRB inserted in step
 3  3  1  1 24 11     : Insertion history statement
1                     : Number of axial sections with CRB inserted in step
 3  3  2  1 24 11     : Insertion history statement
1                     : Number of axial sections with CRB inserted in step
 3  4  1  1 24 11     : Insertion history statement
1                     : Number of axial sections with CRB inserted in step
 3  4  2  1  6 11     : Insertion history statement
```

ASSEMBLY: F6
BLADED CYCLE: 14

```
*********************************************
```

SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):

```
 3                    : Number of irradiation steps with CRB inserted
1                     : Number of axial sections with CRB inserted in step
 4  1  1  1 10 11     : Insertion history statement
1                     : Number of axial sections with CRB inserted in step
 4  1  2  1  7 11     : Insertion history statement
1                     : Number of axial sections with CRB inserted in step
 4  2  1  1  7 11     : Insertion history statement

*********************************************
```

SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):

```
 3                    : Number of irradiation steps with CRB inserted
1                     : Number of axial sections with CRB inserted in step
 4  1  1  1 24 11     : Insertion history statement
1                     : Number of axial sections with CRB inserted in step
 4  1  2  1 16 11     : Insertion history statement
1                     : Number of axial sections with CRB inserted in step
 4  2  1  1 16 11     : Insertion history statement
```

ASSEMBLY: F8
BLADED CYCLE: 13

```
*********************************************
```

SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):

```
 2                       : Number of irradiation steps with CRB inserted
1                        : Number of axial sections with CRB inserted in step
 3  4  2  1 10 11        : Insertion history statement
1                        : Number of axial sections with CRB inserted in step
 3  5  1  1  8 11        : Insertion history statement

************************************************
```

SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):

```
 2                       : Number of irradiation steps with CRB inserted
1                        : Number of axial sections with CRB inserted in step
 3  4  2  1 24 11        : Insertion history statement
1                        : Number of axial sections with CRB inserted in step
 3  5  1  1 18 11        : Insertion history statement
```

ASSEMBLY: F10
BLADED CYCLE: 13

```
************************************************
```

SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):

```
 7                       : Number of irradiation steps with CRB inserted
1                        : Number of axial sections with CRB inserted in step
 3  1  1  1  9 11        : Insertion history statement
1                        : Number of axial sections with CRB inserted in step
 3  2  1  1 10 11        : Insertion history statement
1                        : Number of axial sections with CRB inserted in step
 3  2  2  1 10 11        : Insertion history statement
1                        : Number of axial sections with CRB inserted in step
 3  3  1  1 10 11        : Insertion history statement
1                        : Number of axial sections with CRB inserted in step
 3  3  2  1 10 11        : Insertion history statement
1                        : Number of axial sections with CRB inserted in step
 3  4  1  1 10 11        : Insertion history statement
1                        : Number of axial sections with CRB inserted in step
 3  4  2  1 10 11        : Insertion history statement

************************************************
```

SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):

```
 7                       : Number of irradiation steps with CRB inserted
1                        : Number of axial sections with CRB inserted in step
 3  1  1  1 21 11        : Insertion history statement
1                        : Number of axial sections with CRB inserted in step
 3  2  1  1 24 11        : Insertion history statement
1                        : Number of axial sections with CRB inserted in step
 3  2  2  1 24 11        : Insertion history statement
1                        : Number of axial sections with CRB inserted in step
 3  3  1  1 24 11        : Insertion history statement
1                        : Number of axial sections with CRB inserted in step
 3  3  2  1 24 11        : Insertion history statement
1                        : Number of axial sections with CRB inserted in step
```

```
 3  4  1  1 24 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  4  2  1 24 11       : Insertion history statement
```

ASSEMBLY: G1
BLADED CYCLE: 13

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 2  1  1  1  2 11       : Insertion history statement

************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 2  1  1  1  3 11       : Insertion history statement
```

ASSEMBLY: G2
BLADED CYCLE: 14

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 4                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  1  1  1 10 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  1  2  1 10 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  1  1 10 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1  3 11       : Insertion history statement


************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 4                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  1  1  1 24 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  1  2  1 24 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  1  1 23 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1  5 11       : Insertion history statement
```

ASSEMBLY: G3
BLADED CYCLE: 14

```
**************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 4                          : Number of irradiation steps with CRB inserted
1                           : Number of axial sections with CRB inserted in step
 3  1  1  1  8 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  1  2  1  2 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  2  1  1 10 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  2  2  1 10 11          : Insertion history statement

**************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 4                          : Number of irradiation steps with CRB inserted
1                           : Number of axial sections with CRB inserted in step
 3  1  1  1 18 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  1  2  1  3 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  2  1  1 24 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  2  2  1 24 11          : Insertion history statement
```

ASSEMBLY: G4
BLADED CYCLE: 14

```
**************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 0                          : Number of irradiation steps with CRB inserted

**************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 0                          : Number of irradiation steps with CRB inserted
```

ASSEMBLY: G5
BLADED CYCLE: 13

```
**************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 1                          : Number of irradiation steps with CRB inserted
1                           : Number of axial sections with CRB inserted in step
 2  1  1  1  2 11          : Insertion history statement
```

```
**********************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 1                        : Number of irradiation steps with CRB inserted
1                         : Number of axial sections with CRB inserted in step
 2  1  1  1  3 11         : Insertion history statement


ASSEMBLY:    G6
BLADED CYCLE: 14
**********************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 4                        : Number of irradiation steps with CRB inserted
1                         : Number of axial sections with CRB inserted in step
 3  1  1  1 10 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  1  2  1 10 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  2  1  1  9 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  2  2  1  3 11         : Insertion history statement

**********************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 4                        : Number of irradiation steps with CRB inserted
1                         : Number of axial sections with CRB inserted in step
 3  1  1  1 24 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  1  2  1 24 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  2  1  1 22 11         : Insertion history statement
1                         : Number of axial sections with CRB inserted in step
 3  2  2  1  5 11         : Insertion history statement


ASSEMBLY:    G9
BLADED CYCLE: 13
**********************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 0                        : Number of irradiation steps with CRB inserted

**********************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 0                        : Number of irradiation steps with CRB inserted

ASSEMBLY:    G10
BLADED CYCLE: 14

**********************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
```

```
 2                       : Number of irradiation steps with CRB inserted
1                        : Number of axial sections with CRB inserted in step
 3  2  1  1  4 11        : Insertion history statement
1                        : Number of axial sections with CRB inserted in step
 3  2  2  1 10 11        : Insertion history statement

************************************************
```

SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):

```
 2                       : Number of irradiation steps with CRB inserted
1                        : Number of axial sections with CRB inserted in step
 3  2  1  1  7 11        : Insertion history statement
1                        : Number of axial sections with CRB inserted in step
 3  2  2  1 24 11        : Insertion history statement
```

ASSEMBLY: G11
BLADED CYCLE: 14

```
************************************************
```

SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):

```
 1                       : Number of irradiation steps with CRB inserted
1                        : Number of axial sections with CRB inserted in step
 3  2  2  1  8 11        : Insertion history statement

************************************************
```

SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):

```
 1                       : Number of irradiation steps with CRB inserted
1                        : Number of axial sections with CRB inserted in step
 3  2  2  1 20 11        : Insertion history statement
```

ASSEMBLY: H1
BLADED CYCLE: 13

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 2  1  1  1  2 11       : Insertion history statement

**************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 2  1  1  1  3 11       : Insertion history statement
```

ASSEMBLY: H1
BLADED CYCLE: 14

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 2                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  1  1  1  3 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1 10 11       : Insertion history statement

**************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 2                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  1  1  1  6 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1 24 11       : Insertion history statement
```

ASSEMBLY: H2
BLADED CYCLE: 14

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 3                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  1  1  1 10 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  1  2  1 10 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  1  1 10 11       : Insertion history statement

************************************************
```

SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):

```
 3                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  1  1  1 24 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  1  2  1 24 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  1  1 24 11       : Insertion history statement
```

ASSEMBLY: H3
BLADED CYCLE: 14

```
**********************************************
```

SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):

```
 2                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  2  1  1  3 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1 10 11       : Insertion history statement
```

```
**********************************************
```

SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):

```
 2                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  2  1  1  5 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1 24 11       : Insertion history statement
```

ASSEMBLY: H4
BLADED CYCLE: 13

```
**********************************************
```

SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):

```
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 2  4  2  1  5 11       : Insertion history statement
```

```
**********************************************
```

SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):

```
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 2  4  2  1  9 11       : Insertion history statement
```

ASSEMBLY: H7
BLADED CYCLE: 13

```
**************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 6                          : Number of irradiation steps with CRB inserted
1                           : Number of axial sections with CRB inserted in step
 2  1  1  1  7 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  2  1  1  7 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  2  2  1  8 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  3  1  1  1 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  3  2  1 10 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  4  1  1  8 11          : Insertion history statement

**************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 6                          : Number of irradiation steps with CRB inserted
1                           : Number of axial sections with CRB inserted in step
 2  1  1  1 17 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  2  1  1 17 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  2  2  1 18 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  3  1  1  1 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  3  2  1 24 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 2  4  1  1 20 11          : Insertion history statement


ASSEMBLY:    H9
BLADED CYCLE: 14

**************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 2                          : Number of irradiation steps with CRB inserted
1                           : Number of axial sections with CRB inserted in step
 3  1  1  1  3 11          : Insertion history statement
1                           : Number of axial sections with CRB inserted in step
 3  2  2  1 10 11          : Insertion history statement

**************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 2                          : Number of irradiation steps with CRB inserted
1                           : Number of axial sections with CRB inserted in step
 3  1  1  1  6 11          : Insertion history statement
```

```
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1 24 11       : Insertion history statement
```

ASSEMBLY: H11
BLADED CYCLE: 13

```
************************************************
```
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
```
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 2  1  1  1  2 11       : Insertion history statement

************************************************
```
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
```
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 2  1  1  1  3 11       : Insertion history statement
```

ASSEMBLY: H11
BLADED CYCLE: 14

```
************************************************
```
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
```
 2                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  1  1  1  3 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1 10 11       : Insertion history statement

************************************************
```
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
```
 2                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 3  1  1  1  6 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 3  2  2  1 24 11       : Insertion history statement
```

ASSEMBLY: J2
BLADED CYCLE: 14

```
************************************************
```
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
```
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 2  1  2  1 10 11       : Insertion history statement
```

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 2  1  2  1 24 11       : Insertion history statement
```

ASSEMBLY: J3
BLADED CYCLE: 14

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 2  1  2  1 10 11       : Insertion history statement

************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 2  1  2  1 24 11       : Insertion history statement
```

ASSEMBLY: J5
BLADED CYCLE: 14

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 2  1  2  1 10 11       : Insertion history statement

************************************************
SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 2  1  2  1 24 11       : Insertion history statement
```

ASSEMBLY: J8
BLADED CYCLE: 14

```
************************************************
SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):
 2                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 2  2  1  1  7 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
```

```
 2  2  2  1  8 11       : Insertion history statement

************************************************
```

SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):

```
 2                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 2  2  1  1 16 11       : Insertion history statement
1                       : Number of axial sections with CRB inserted in step
 2  2  2  1 20 11       : Insertion history statement
```

ASSEMBLY: J13
BLADED CYCLE: 14

```
************************************************
```

SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):

```
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 2  1  2  1 10 11       : Insertion history statement

************************************************
```

SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):

```
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 2  1  2  1 24 11       : Insertion history statement
```

ASSEMBLY: J15
BLADED CYCLE: 14

```
************************************************
```

SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):

```
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 2  1  2  1  7 11       : Insertion history statement

************************************************
```

SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):

```
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 2  1  2  1 15 11       : Insertion history statement
```

ASSEMBLY: K4
BLADED CYCLE: 14

```
************************************************
```

SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):

```
 1                      : Number of irradiation steps with CRB inserted
```

```
1                       : Number of axial sections with CRB inserted in step
 2  1  2  1  7 11       : Insertion history statement

************************************************
```

SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):

```
 1                      : Number of irradiation steps with CRB inserted
1                       : Number of axial sections with CRB inserted in step
 2  1  2  1 15 11       : Insertion history statement
```

ASSEMBLY: M4
BLADED CYCLE: 14

```
************************************************
```

SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):

```
 0                      : Number of irradiation steps with CRB inserted

************************************************
```

SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):

```
 0                      : Number of irradiation steps with CRB inserted
```

ASSEMBLY: M7
BLADED CYCLE: 14

```
************************************************
```

SPACE INPUT-CRB INSERTION SECTION (COLLAPSED):

```
 0                      : Number of irradiation steps with CRB inserted

************************************************
```

SPACE INPUT-CRB INSERTION SECTION (UNCOLLAPSED):

```
 0                      : Number of irradiation steps with CRB inserted
```

This attachment contains the consolidated SAS2H output files that were generated by CRAFT during the depletion calculations for Quad Cities Unit 2. These files are referred to as "*.cut" files due to their ".cut" extension. The "*.cut" files are contained on an attachment CD of this calculation file. The information contained in this hard-copy representation of Attachment VIII is a listing of the various "*.cut" 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 VIII was written using the HP CD-Writer Plus 7200e External CD-ReWritable Drive for personal computers.

Computer File Name	Tape Backup File Name	File Date (Output)	File Size (Bytes)	File Type (Format)
j1010/QC2A01N01DC13T000AC13T010.cut	aVII.If1	Aug 27 1999	124757	ASCII
j1010/QC2A01N01DC13T010AC13T112.cut	aVII.If2	Aug 27 1999	135468	ASCII
j1010/QC2A01N01DC13T112AC13T224.cut	aVII.If3	Aug 27 1999	141567	ASCII
j1010/QC2A01N01DC13T224AC13T324.cut	aVII.If4	Aug 27 1999	142334	ASCII
j1010/QC2A01N01DC13T324AC14T000.cut	aVII.If5	Aug 27 1999	126913	ASCII
j1010/QC2A01N08DC13T000AC13T010.cut	aVII.If6	Aug 27 1999	134243	ASCII
j1010/QC2A01N08DC13T010AC13T112.cut	aVII.If7	Aug 27 1999	147267	ASCII
j1010/QC2A01N08DC13T112AC13T224.cut	aVII.If8	Aug 27 1999	153552	ASCII
j1010/QC2A01N08DC13T224AC13T324.cut	aVII.If9	Aug 27 1999	153394	ASCII
j1010/QC2A01N08DC13T324AC14T000.cut	aVIII.f10	Aug 27 1999	136995	ASCII
j1010/QC2A01N09DC13T000AC13T010.cut	aVIII.f11	Aug 27 1999	132749	ASCII
j1010/QC2A01N09DC13T010AC13T112.cut	aVIII.f12	Aug 27 1999	145184	ASCII
j1010/QC2A01N09DC13T112AC13T224.cut	aVIII.f13	Aug 27 1999	150892	ASCII
j1010/QC2A01N09DC13T224AC13T324.cut	aVIII.f14	Aug 27 1999	150453	ASCII
j1010/QC2A01N09DC13T324AC14T000.cut	aVIII.f15	Aug 27 1999	135410	ASCII
j1010/QC2A01N10DC13T000AC13T010.cut	aVIII.f16	Aug 27 1999	126998	ASCII
j1010/QC2A01N10DC13T010AC13T112.cut	aVIII.f17	Aug 27 1999	137891	ASCII
j1010/QC2A01N10DC13T112AC13T224.cut	aVIII.f18	Aug 27 1999	142907	ASCII
j1010/QC2A01N10DC13T224AC13T324.cut	aVIII.f19	Aug 27 1999	143002	ASCII
j1010/QC2A01N10DC13T324AC14T000.cut	aVIII.f20	Aug 27 1999	128702	ASCII
j1010/QC2A02N01DC14T000AC14T093.cut	aVIII.f21	Aug 27 1999	146986	ASCII
j1010/QC2A02N01DC14T093AC14T211.cut	aVIII.f22	Aug 27 1999	144998	ASCII
j1010/QC2A02N08DC14T000AC14T093.cut	aVIII.f23	Aug 27 1999	158133	ASCII
j1010/QC2A02N08DC14T093AC14T211.cut	aVIII.f24	Aug 27 1999	156685	ASCII
j1010/QC2A02N09DC14T000AC14T093.cut	aVIII.f25	Aug 27 1999	155283	ASCII
j1010/QC2A02N09DC14T093AC14T211.cut	aVIII.f26	Aug 27 1999	153532	ASCII
j1010/QC2A02N10DC14T000AC14T093.cut	aVIII.f27	Aug 27 1999	147745	ASCII
j1010/QC2A02N10DC14T093AC14T211.cut	aVIII.f28	Aug 27 1999	145330	ASCII

Computer File Name	Tape Backup File Name	File Date (Output)	File Size (Bytes)	File Type (Format)
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j110/QC2A01N01DC13T112AC13T224.cut	aVIII.f31	Aug 26 1999	142741	ASCII
j110/QC2A01N01DC13T224AC13T324.cut	aVIII.f32	Aug 26 1999	143251	ASCII
j110/QC2A01N01DC13T324AC14T000.cut	aVIII.f33	Aug 26 1999	126354	ASCII
j110/QC2A01N08DC13T000AC13T010.cut	aVIII.f34	Aug 26 1999	134575	ASCII
j110/QC2A01N08DC13T010AC13T112.cut	aVIII.f35	Aug 26 1999	147931	ASCII
j110/QC2A01N08DC13T112AC13T224.cut	aVIII.f36	Aug 26 1999	154386	ASCII
j110/QC2A01N08DC13T224AC13T324.cut	aVIII.f37	Aug 26 1999	153647	ASCII
j110/QC2A01N08DC13T324AC14T000.cut	aVIII.f38	Aug 26 1999	136746	ASCII
j110/QC2A01N09DC13T000AC13T010.cut	aVIII.f39	Aug 26 1999	132832	ASCII
j110/QC2A01N09DC13T010AC13T112.cut	aVIII.f40	Aug 26 1999	145516	ASCII
j110/QC2A01N09DC13T112AC13T224.cut	aVIII.f41	Aug 26 1999	151473	ASCII
j110/QC2A01N09DC13T224AC13T324.cut	aVIII.f42	Aug 26 1999	150872	ASCII
j110/QC2A01N09DC13T324AC14T000.cut	aVIII.f43	Aug 26 1999	135497	ASCII
j110/QC2A01N10DC13T000AC13T010.cut	aVIII.f44	Aug 26 1999	126915	ASCII
j110/QC2A01N10DC13T010AC13T112.cut	aVIII.f45	Aug 26 1999	137974	ASCII
j110/QC2A01N10DC13T112AC13T224.cut	aVIII.f46	Aug 26 1999	143073	ASCII
j110/QC2A01N10DC13T224AC13T324.cut	aVIII.f47	Aug 26 1999	143417	ASCII
j110/QC2A01N10DC13T324AC14T000.cut	aVIII.f48	Aug 26 1999	128075	ASCII
j110/QC2A02N01DC14T000AC14T093.cut	aVIII.f49	Aug 26 1999	147322	ASCII

j110/QC2A02N01DC14T093AC14T211.cut	aVIII.f50	Aug 26 1999	144998	ASCII
j110/QC2A02N08DC14T000AC14T093.cut	aVIII.f51	Aug 26 1999	158345	ASCII
j110/QC2A02N08DC14T093AC14T211.cut	aVIII.f52	Aug 26 1999	156685	ASCII
j110/QC2A02N09DC14T000AC14T093.cut	aVIII.f53	Aug 26 1999	155366	ASCII
j110/QC2A02N09DC14T093AC14T211.cut	aVIII.f54	Aug 26 1999	153578	ASCII
j110/QC2A02N10DC14T000AC14T093.cut	aVIII.f55	Aug 26 1999	147579	ASCII
j110/QC2A02N10DC14T093AC14T211.cut	aVIII.f56	Aug 26 1999	145330	ASCII

Computer File Name	Tape Backup File Name	File Date (Output)	File Size (Bytes)	File Type (Format)
j1110/QC2A01N01DC13T000AC13T010.cut	aVIII.f57	Aug 27 1999	124591	ASCII
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j1110/QC2A01N01DC13T112AC13T224.cut	aVIII.f59	Aug 27 1999	140903	ASCII
j1110/QC2A01N01DC13T224AC13T324.cut	aVIII.f60	Aug 27 1999	141749	ASCII
j1110/QC2A01N01DC13T324AC14T000.cut	aVIII.f61	Aug 27 1999	125391	ASCII
j1110/QC2A01N08DC13T000AC13T010.cut	aVIII.f62	Aug 27 1999	134160	ASCII
j1110/QC2A01N08DC13T010AC13T112.cut	aVIII.f63	Aug 27 1999	146931	ASCII
j1110/QC2A01N08DC13T112AC13T224.cut	aVIII.f64	Aug 27 1999	153303	ASCII
j1110/QC2A01N08DC13T224AC13T324.cut	aVIII.f65	Aug 27 1999	152453	ASCII
j1110/QC2A01N08DC13T324AC14T000.cut	aVIII.f66	Aug 27 1999	136414	ASCII
j1110/QC2A01N09DC13T000AC13T010.cut	aVIII.f67	Aug 27 1999	132500	ASCII
j1110/QC2A01N09DC13T010AC13T112.cut	aVIII.f68	Aug 27 1999	145018	ASCII
j1110/QC2A01N09DC13T112AC13T224.cut	aVIII.f69	Aug 27 1999	150726	ASCII
j1110/QC2A01N09DC13T224AC13T324.cut	aVIII.f70	Aug 27 1999	150121	ASCII
j1110/QC2A01N09DC13T324AC14T000.cut	aVIII.f71	Aug 27 1999	135161	ASCII
j1110/QC2A01N10DC13T000AC13T010.cut	aVIII.f72	Aug 27 1999	126749	ASCII
j1110/QC2A01N10DC13T010AC13T112.cut	aVIII.f73	Aug 27 1999	137725	ASCII
j1110/QC2A01N10DC13T112AC13T224.cut	aVIII.f74	Aug 27 1999	142820	ASCII
j1110/QC2A01N10DC13T224AC13T324.cut	aVIII.f75	Aug 27 1999	143002	ASCII
j1110/QC2A01N10DC13T324AC14T000.cut	aVIII.f76	Aug 27 1999	128121	ASCII
j1110/QC2A02N01DC14T000AC14T093.cut	aVIII.f77	Aug 27 1999	146571	ASCII
j1110/QC2A02N01DC14T093AC14T211.cut	aVIII.f78	Aug 27 1999	144417	ASCII
j1110/QC2A02N08DC14T000AC14T093.cut	aVIII.f79	Aug 27 1999	157635	ASCII
j1110/QC2A02N08DC14T093AC14T211.cut	aVIII.f80	Aug 27 1999	156183	ASCII
j1110/QC2A02N09DC14T000AC14T093.cut	aVIII.f81	Aug 27 1999	155030	ASCII
j1110/QC2A02N09DC14T093AC14T211.cut	aVIII.f82	Aug 27 1999	153200	ASCII
j1110/QC2A02N10DC14T000AC14T093.cut	aVIII.f83	Aug 27 1999	147579	ASCII
j1110/QC2A02N10DC14T093AC14T211.cut	aVIII.f84	Aug 27 1999	145164	ASCII

Computer File Name	Tape Backup File Name	File Date (Output)	File Size (Bytes)	File Type (Format)
j1210/QC2A01N01DC13T000AC13T000.cut	aVIII.f85	Aug 27 1999	125006	ASCII
j1210/QC2A01N01DC13T010AC13T112.cut	aVIII.f86	Aug 27 1999	136215	ASCII
j1210/QC2A01N01DC13T112AC13T224.cut	aVIII.f87	Aug 27 1999	141986	ASCII
j1210/QC2A01N01DC13T224AC13T324.cut	aVIII.f88	Aug 28 1999	142500	ASCII
j1210/QC2A01N01DC13T324AC14T000.cut	aVIII.f89	Aug 28 1999	126913	ASCII
j1210/QC2A01N08DC13T000AC13T010.cut	aVIII.f90	Aug 27 1999	134409	ASCII
j1210/QC2A01N08DC13T010AC13T112.cut	aVIII.f91	Aug 27 1999	147682	ASCII
j1210/QC2A01N08DC13T112AC13T224.cut	aVIII.f92	Aug 27 1999	153888	ASCII
j1210/QC2A01N08DC13T224AC13T324.cut	aVIII.f93	Aug 27 1999	153477	ASCII
j1210/QC2A01N08DC13T324AC14T000.cut	aVIII.f94	Aug 27 1999	136995	ASCII
j1210/QC2A01N09DC13T000AC13T010.cut	aVIII.f95	Aug 27 1999	132832	ASCII
j1210/QC2A01N09DC13T010AC13T112.cut	aVIII.f96	Aug 27 1999	145350	ASCII
j1210/QC2A01N09DC13T112AC13T224.cut	aVIII.f97	Aug 27 1999	151224	ASCII
j1210/QC2A01N09DC13T224AC13T324.cut	aVIII.f98	Aug 27 1999	150789	ASCII
j1210/QC2A01N09DC13T324AC14T000.cut	aVIII.f99	Aug 27 1999	135663	ASCII
j1210/QC2A01N10DC13T000AC13T010.cut	aVIIIf.100	Aug 27 1999	126998	ASCII
j1210/QC2A01N10DC13T010AC13T112.cut	aVIIIf.101	Aug 27 1999	137891	ASCII
j1210/QC2A01N10DC13T112AC13T224.cut	aVIIIf.102	Aug 27 1999	142907	ASCII
j1210/QC2A01N10DC13T224AC13T324.cut	aVIIIf.103	Aug 27 1999	143251	ASCII
j1210/QC2A01N10DC13T324AC14T000.cut	aVIIIf.104	Aug 27 1999	128702	ASCII
j1210/QC2A02N01DC14T000AC14T093.cut	aVIIIf.105	Aug 28 1999	147239	ASCII
j1210/QC2A02N01DC14T093AC14T211.cut	aVIIIf.106	Aug 28 1999	145081	ASCII
j1210/QC2A02N08DC14T000AC14T093.cut	aVIIIf.107	Aug 27 1999	158345	ASCII
j1210/QC2A02N08DC14T093AC14T211.cut	aVIIIf.108	Aug 27 1999	156685	ASCII
j1210/QC2A02N09DC14T000AC14T093.cut	aVIIIf.109	Aug 27 1999	155200	ASCII
j1210/QC2A02N09DC14T093AC14T211.cut	aVIIIf.110	Aug 27 1999	153449	ASCII
j1210/QC2A02N10DC14T000AC14T093.cut	aVIIIf.111	Aug 27 1999	147579	ASCII
j1210/QC2A02N10DC14T093AC14T211.cut	aVIIIf.112	Aug 27 1999	145247	ASCII

Computer File Name	Tape Backup File Name	File Date (Output)	File Size (Bytes)	File Type (Format)
j1310/QC2A01N01DC13T000AC13T010.cut	aVIIIf.113	Aug 28 1999	125963	ASCII
j1310/QC2A01N01DC13T010AC13T112.cut	aVIIIf.114	Aug 28 1999	137172	ASCII
j1310/QC2A01N01DC13T112AC13T224.cut	aVIIIf.115	Aug 28 1999	142943	ASCII
j1310/QC2A01N01DC13T224AC13T324.cut	aVIIIf.116	Aug 28 1999	143457	ASCII
j1310/QC2A01N01DC13T324AC14T000.cut	aVIIIf.117	Aug 28 1999	127870	ASCII
j1310/QC2A01N08DC13T000AC13T010.cut	aVIIIf.118	Aug 28 1999	135366	ASCII
j1310/QC2A01N08DC13T010AC13T112.cut	aVIIIf.119	Aug 28 1999	148639	ASCII
j1310/QC2A01N08DC13T112AC13T224.cut	aVIIIf.120	Aug 28 1999	154845	ASCII
j1310/QC2A01N08DC13T224AC13T324.cut	aVIIIf.121	Aug 28 1999	154517	ASCII
j1310/QC2A01N08DC13T324AC14T000.cut	aVIIIf.122	Aug 28 1999	137952	ASCII
j1310/QC2A01N09DC13T000AC13T010.cut	aVIIIf.123	Aug 28 1999	133789	ASCII
j1310/QC2A01N09DC13T010AC13T112.cut	aVIIIf.124	Aug 28 1999	146390	ASCII
j1310/QC2A01N09DC13T112AC13T224.cut	aVIIIf.125	Aug 28 1999	152181	ASCII
j1310/QC2A01N09DC13T224AC13T324.cut	aVIIIf.126	Aug 28 1999	151746	ASCII
j1310/QC2A01N09DC13T324AC14T000.cut	aVIIIf.127	Aug 28 1999	136620	ASCII
j1310/QC2A01N10DC13T000AC13T010.cut	aVIIIf.128	Aug 28 1999	127955	ASCII
j1310/QC2A01N10DC13T010AC13T112.cut	aVIIIf.129	Aug 28 1999	138931	ASCII
j1310/QC2A01N10DC13T112AC13T224.cut	aVIIIf.130	Aug 28 1999	143864	ASCII
j1310/QC2A01N10DC13T224AC13T324.cut	aVIIIf.131	Aug 28 1999	144208	ASCII
j1310/QC2A01N10DC13T324AC14T000.cut	aVIIIf.132	Aug 28 1999	129659	ASCII
j1310/QC2A02N01DC14T000AC14T093.cut	aVIIIf.133	Aug 28 1999	147117	ASCII
j1310/QC2A02N01DC14T093AC14T211.cut	aVIIIf.134	Aug 28 1999	145698	ASCII
j1310/QC2A02N08DC14T000AC14T093.cut	aVIIIf.135	Aug 28 1999	159422	ASCII
j1310/QC2A02N08DC14T093AC14T211.cut	aVIIIf.136	Aug 28 1999	157306	ASCII
j1310/QC2A02N09DC14T000AC14T093.cut	aVIIIf.137	Aug 28 1999	156867	ASCII
j1310/QC2A02N09DC14T093AC14T211.cut	aVIIIf.138	Aug 28 1999	154286	ASCII
j1310/QC2A02N10DC14T000AC14T093.cut	aVIIIf.139	Aug 28 1999	148868	ASCII
j1310/QC2A02N10DC14T093AC14T211.cut	aVIIIf.140	Aug 28 1999	146287	ASCII

Computer File Name	Tape Backup File Name	File Date (Output)	File Size (Bytes)	File Type (Format)
j1410/QC2A01N01DC13T000AC13T010.cut	aVIIIf.141	Aug 28 1999	125338	ASCII
j1410/QC2A01N01DC13T010AC13T112.cut	aVIIIf.142	Aug 28 1999	136551	ASCII
j1410/QC2A01N01DC13T112AC13T224.cut	aVIIIf.143	Aug 28 1999	141820	ASCII
j1410/QC2A01N01DC13T224AC13T324.cut	aVIIIf.144	Aug 28 1999	142334	ASCII
j1410/QC2A01N01DC13T324AC14T000.cut	aVIIIf.145	Aug 28 1999	126354	ASCII
j1410/QC2A01N08DC13T000AC13T010.cut	aVIIIf.146	Aug 28 1999	134492	ASCII
j1410/QC2A01N08DC13T010AC13T112.cut	aVIIIf.147	Aug 28 1999	147765	ASCII
j1410/QC2A01N08DC13T112AC13T224.cut	aVIIIf.148	Aug 28 1999	153888	ASCII
j1410/QC2A01N08DC13T224AC13T324.cut	aVIIIf.149	Aug 28 1999	153228	ASCII
j1410/QC2A01N08DC13T324AC14T000.cut	aVIIIf.150	Aug 28 1999	136995	ASCII
j1410/QC2A01N09DC13T000AC13T010.cut	aVIIIf.151	Aug 28 1999	133247	ASCII
j1410/QC2A01N09DC13T010AC13T112.cut	aVIIIf.152	Aug 28 1999	145686	ASCII
j1410/QC2A01N09DC13T112AC13T224.cut	aVIIIf.153	Aug 28 1999	151473	ASCII
j1410/QC2A01N09DC13T224AC13T324.cut	aVIIIf.154	Aug 28 1999	150872	ASCII
j1410/QC2A01N09DC13T324AC14T000.cut	aVIIIf.155	Aug 28 1999	135497	ASCII
j1410/QC2A01N10DC13T000AC13T010.cut	aVIIIf.156	Aug 28 1999	127164	ASCII
j1410/QC2A01N10DC13T010AC13T112.cut	aVIIIf.157	Aug 28 1999	138891	ASCII
j1410/QC2A01N10DC13T112AC13T224.cut	aVIIIf.158	Aug 28 1999	143077	ASCII
j1410/QC2A01N10DC13T224AC13T324.cut	aVIIIf.159	Aug 28 1999	143500	ASCII
j1410/QC2A01N10DC13T324AC14T000.cut	aVIIIf.160	Aug 28 1999	128453	ASCII
j1410/QC2A02N01DC14T000AC14T093.cut	aVIIIf.161	Aug 28 1999	146903	ASCII
j1410/QC2A02N01DC14T093AC14T211.cut	aVIIIf.162	Aug 28 1999	144662	ASCII
j1410/QC2A02N08DC14T000AC14T093.cut	aVIIIf.163	Aug 28 1999	157635	ASCII
j1410/QC2A02N08DC14T093AC14T211.cut	aVIIIf.164	Aug 28 1999	156266	ASCII
j1410/QC2A02N09DC14T000AC14T093.cut	aVIIIf.165	Aug 28 1999	155200	ASCII
j1410/QC2A02N09DC14T093AC14T211.cut	aVIIIf.166	Aug 28 1999	153117	ASCII
j1410/QC2A02N10DC14T000AC14T093.cut	aVIIIf.167	Aug 28 1999	147579	ASCII
j1410/QC2A02N10DC14T093AC14T211.cut	aVIIIf.168	Aug 28 1999	145413	ASCII

Computer File Name	Tape Backup File Name	File Date (Output)	File Size (Bytes)	File Type (Format)
j1510/QC2A01N01DC13T000AC13T010.cut	aVIIIf.169	Aug 28 1999	126544	ASCII
j1510/QC2A01N01DC13T010AC13T112.cut	aVIIIf.170	Aug 28 1999	139006	ASCII
j1510/QC2A01N01DC13T112AC13T224.cut	aVIIIf.171	Aug 28 1999	143698	ASCII
j1510/QC2A01N01DC13T224AC13T324.cut	aVIIIf.172	Aug 28 1999	144208	ASCII
j1510/QC2A01N01DC13T324AC14T000.cut	aVIIIf.173	Aug 28 1999	127228	ASCII

j1510/QC2A01N08DC13T000AC13T010.cut	aVIIIf.174	Aug 28 1999	135532	ASCII
j1510/QC2A01N08DC13T010AC13T112.cut	aVIIIf.175	Aug 28 1999	148888	ASCII
j1510/QC2A01N08DC13T112AC13T224.cut	aVIIIf.176	Aug 28 1999	155592	ASCII
j1510/QC2A01N08DC13T224AC13T324.cut	aVIIIf.177	Aug 28 1999	154770	ASCII
j1510/QC2A01N08DC13T324AC14T000.cut	aVIIIf.178	Aug 28 1999	137786	ASCII
j1510/QC2A01N09DC13T000AC13T010.cut	aVIIIf.179	Aug 28 1999	133955	ASCII
j1510/QC2A01N09DC13T010AC13T112.cut	aVIIIf.180	Aug 28 1999	146560	ASCII
j1510/QC2A01N09DC13T112AC13T224.cut	aVIIIf.181	Aug 28 1999	152679	ASCII
j1510/QC2A01N09DC13T224AC13T324.cut	aVIIIf.182	Aug 28 1999	151995	ASCII
j1510/QC2A01N09DC13T324AC14T000.cut	aVIIIf.183	Aug 28 1999	136454	ASCII
j1510/QC2A01N10DC13T000AC13T010.cut	aVIIIf.184	Aug 28 1999	127955	ASCII
j1510/QC2A01N10DC13T010AC13T112.cut	aVIIIf.185	Aug 28 1999	139180	ASCII
j1510/QC2A01N10DC13T112AC13T224.cut	aVIIIf.186	Aug 28 1999	144113	ASCII
j1510/QC2A01N10DC13T224AC13T324.cut	aVIIIf.187	Aug 28 1999	144374	ASCII
j1510/QC2A01N10DC13T324AC14T000.cut	aVIIIf.188	Aug 28 1999	129115	ASCII
j1510/QC2A02N01DC14T000AC14T093.cut	aVIIIf.189	Aug 28 1999	146868	ASCII
j1510/QC2A02N01DC14T093AC14T211.cut	aVIIIf.190	Aug 28 1999	145864	ASCII
j1510/QC2A02N08DC14T000AC14T093.cut	aVIIIf.191	Aug 28 1999	159219	ASCII
j1510/QC2A02N08DC14T093AC14T211.cut	aVIIIf.192	Aug 28 1999	157559	ASCII
j1510/QC2A02N09DC14T000AC14T093.cut	aVIIIf.193	Aug 28 1999	156323	ASCII
j1510/QC2A02N09DC14T093AC14T211.cut	aVIIIf.194	Aug 28 1999	154535	ASCII
j1510/QC2A02N10DC14T000AC14T093.cut	aVIIIf.195	Aug 28 1999	148536	ASCII
j1510/QC2A02N10DC14T093AC14T211.cut	aVIIIf.196	Aug 28 1999	146453	ASCII

Computer File Name	Tape Backup File Name	File Date (Output)	File Size (Bytes)	File Type (Format)
j1610/QC2A01N01DC13T000AC13T010.cut	aVIIIf.197	Aug 28 1999	124674	ASCII
j1610/QC2A01N01DC13T010AC13T112.cut	aVIIIf.198	Aug 28 1999	135215	ASCII
j1610/QC2A01N01DC13T112AC13T224.cut	aVIIIf.199	Aug 28 1999	141069	ASCII
j1610/QC2A01N01DC13T224AC13T324.cut	aVIIIf.200	Aug 28 1999	141915	ASCII
j1610/QC2A01N01DC13T324AC14T000.cut	aVIIIf.201	Aug 28 1999	125727	ASCII
j1610/QC2A01N08DC13T000AC13T010.cut	aVIIIf.202	Aug 28 1999	134160	ASCII
j1610/QC2A01N08DC13T010AC13T112.cut	aVIIIf.203	Aug 28 1999	147014	ASCII
j1610/QC2A01N08DC13T112AC13T224.cut	aVIIIf.204	Aug 28 1999	153469	ASCII
j1610/QC2A01N08DC13T224AC13T324.cut	aVIIIf.205	Aug 28 1999	152619	ASCII
j1610/QC2A01N08DC13T324AC14T000.cut	aVIIIf.206	Aug 28 1999	136746	ASCII
j1610/QC2A01N09DC13T000AC13T010.cut	aVIIIf.207	Aug 28 1999	132583	ASCII
j1610/QC2A01N09DC13T010AC13T112.cut	aVIIIf.208	Aug 28 1999	145184	ASCII
j1610/QC2A01N09DC13T112AC13T224.cut	aVIIIf.209	Aug 28 1999	150809	ASCII
j1610/QC2A01N09DC13T224AC13T324.cut	aVIIIf.210	Aug 28 1999	150204	ASCII
j1610/QC2A01N09DC13T324AC14T000.cut	aVIIIf.211	Aug 28 1999	135327	ASCII
j1610/QC2A01N10DC13T000AC13T010.cut	aVIIIf.212	Aug 28 1999	126832	ASCII
j1610/QC2A01N10DC13T010AC13T112.cut	aVIIIf.213	Aug 28 1999	137808	ASCII
j1610/QC2A01N10DC13T112AC13T224.cut	aVIIIf.214	Aug 28 1999	142820	ASCII
j1610/QC2A01N10DC13T224AC13T324.cut	aVIIIf.215	Aug 28 1999	143002	ASCII
j1610/QC2A01N10DC13T324AC14T000.cut	aVIIIf.216	Aug 28 1999	128287	ASCII
j1610/QC2A02N01DC14T000AC14T093.cut	aVIIIf.217	Aug 28 1999	146488	ASCII
j1610/QC2A02N01DC14T093AC14T211.cut	aVIIIf.218	Aug 28 1999	144496	ASCII
j1610/QC2A02N08DC14T000AC14T093.cut	aVIIIf.219	Aug 28 1999	157220	ASCII
j1610/QC2A02N08DC14T093AC14T211.cut	aVIIIf.220	Aug 28 1999	156017	ASCII
j1610/QC2A02N09DC14T000AC14T093.cut	aVIIIf.221	Aug 28 1999	154951	ASCII
j1610/QC2A02N09DC14T093AC14T211.cut	aVIIIf.222	Aug 28 1999	152702	ASCII
j1610/QC2A02N10DC14T000AC14T093.cut	aVIIIf.223	Aug 28 1999	147662	ASCII
j1610/QC2A02N10DC14T093AC14T211.cut	aVIIIf.224	Aug 28 1999	145247	ASCII

Computer File Name	Tape Backup File Name	File Date (Output)	File Size (Bytes)	File Type (Format)
j210/QC2A01N01DC13T000AC13T010.cut	aVIIIf.225	Aug 26 1999	126544	ASCII
j210/QC2A01N01DC13T010AC13T112.cut	aVIIIf.226	Aug 26 1999	138591	ASCII
j210/QC2A01N01DC13T112AC13T224.cut	aVIIIf.227	Aug 26 1999	143611	ASCII
j210/QC2A01N01DC13T224AC13T324.cut	aVIIIf.228	Aug 26 1999	144042	ASCII
j210/QC2A01N01DC13T324AC14T000.cut	aVIIIf.229	Aug 26 1999	127228	ASCII
j210/QC2A01N08DC13T000AC13T010.cut	aVIIIf.230	Aug 26 1999	135532	ASCII
j210/QC2A01N08DC13T010AC13T112.cut	aVIIIf.231	Aug 26 1999	148805	ASCII
j210/QC2A01N08DC13T112AC13T224.cut	aVIIIf.232	Aug 26 1999	155094	ASCII
j210/QC2A01N08DC13T224AC13T324.cut	aVIIIf.233	Aug 26 1999	154604	ASCII
j210/QC2A01N08DC13T324AC14T000.cut	aVIIIf.234	Aug 26 1999	137703	ASCII
j210/QC2A01N09DC13T000AC13T010.cut	aVIIIf.235	Aug 26 1999	133789	ASCII
j210/QC2A01N09DC13T010AC13T112.cut	aVIIIf.236	Aug 26 1999	146473	ASCII
j210/QC2A01N09DC13T112AC13T224.cut	aVIIIf.237	Aug 26 1999	152430	ASCII

j210/QC2A01N09DC13T224AC13T324.cut	aVIIIf.238	Aug 26 1999	151829	ASCII
j210/QC2A01N09DC13T324AC14T000.cut	aVIIIf.239	Aug 26 1999	136454	ASCII
j210/QC2A01N10DC13T000AC13T010.cut	aVIIIf.240	Aug 26 1999	127955	ASCII
j210/QC2A01N10DC13T010AC13T112.cut	aVIIIf.241	Aug 26 1999	139346	ASCII
j210/QC2A01N10DC13T112AC13T224.cut	aVIIIf.242	Aug 26 1999	144034	ASCII
j210/QC2A01N10DC13T224AC13T324.cut	aVIIIf.243	Aug 26 1999	144457	ASCII
j210/QC2A01N10DC13T324AC14T000.cut	aVIIIf.244	Aug 26 1999	129115	ASCII
j210/QC2A02N01DC14T000AC14T093.cut	aVIIIf.245	Aug 26 1999	147117	ASCII
j210/QC2A02N01DC14T093AC14T211.cut	aVIIIf.246	Aug 26 1999	145781	ASCII
j210/QC2A02N08DC14T000AC14T093.cut	aVIIIf.247	Aug 26 1999	158730	ASCII
j210/QC2A02N08DC14T093AC14T211.cut	aVIIIf.248	Aug 26 1999	157472	ASCII
j210/QC2A02N09DC14T000AC14T093.cut	aVIIIf.249	Aug 26 1999	156489	ASCII
j210/QC2A02N09DC14T093AC14T211.cut	aVIIIf.250	Aug 26 1999	154033	ASCII
j210/QC2A02N10DC14T000AC14T093.cut	aVIIIf.251	Aug 26 1999	148785	ASCII
j210/QC2A02N10DC14T093AC14T211.cut	aVIIIf.252	Aug 26 1999	146370	ASCII

Computer File Name	Tape Backup File Name	File Date (Output)	File Size (Bytes)	File Type (Format)
j310/QC2A01N01DC13T000AC13T010.cut	aVIIIf.253	Aug 26 1999	126710	ASCII
j310/QC2A01N01DC13T010AC13T112.cut	aVIIIf.254	Aug 26 1999	138595	ASCII
j310/QC2A01N01DC13T112AC13T224.cut	aVIIIf.255	Aug 26 1999	143611	ASCII
j310/QC2A01N01DC13T224AC13T324.cut	aVIIIf.256	Aug 26 1999	144042	ASCII
j310/QC2A01N01DC13T324AC14T000.cut	aVIIIf.257	Aug 26 1999	127916	ASCII
j310/QC2A01N08DC13T000AC13T010.cut	aVIIIf.258	Aug 26 1999	135532	ASCII
j310/QC2A01N08DC13T010AC13T112.cut	aVIIIf.259	Aug 26 1999	148888	ASCII
j310/QC2A01N08DC13T112AC13T224.cut	aVIIIf.260	Aug 26 1999	155094	ASCII
j310/QC2A01N08DC13T224AC13T324.cut	aVIIIf.261	Aug 26 1999	154521	ASCII
j310/QC2A01N08DC13T324AC14T000.cut	aVIIIf.262	Aug 26 1999	137869	ASCII
j310/QC2A01N09DC13T000AC13T010.cut	aVIIIf.263	Aug 26 1999	134038	ASCII
j310/QC2A01N09DC13T010AC13T112.cut	aVIIIf.264	Aug 26 1999	146560	ASCII
j310/QC2A01N09DC13T112AC13T224.cut	aVIIIf.265	Aug 26 1999	152430	ASCII
j310/QC2A01N09DC13T224AC13T324.cut	aVIIIf.266	Aug 26 1999	151829	ASCII
j310/QC2A01N09DC13T324AC14T000.cut	aVIIIf.267	Aug 26 1999	136454	ASCII
j310/QC2A01N10DC13T000AC13T010.cut	aVIIIf.268	Aug 26 1999	128038	ASCII
j310/QC2A01N10DC13T010AC13T112.cut	aVIIIf.269	Aug 26 1999	139512	ASCII
j310/QC2A01N10DC13T112AC13T224.cut	aVIIIf.270	Aug 26 1999	143951	ASCII
j310/QC2A01N10DC13T224AC13T324.cut	aVIIIf.271	Aug 26 1999	144457	ASCII
j310/QC2A01N10DC13T324AC14T000.cut	aVIIIf.272	Aug 26 1999	129327	ASCII
j310/QC2A02N01DC14T000AC14T093.cut	aVIIIf.273	Aug 26 1999	147034	ASCII
j310/QC2A02N01DC14T093AC14T211.cut	aVIIIf.274	Aug 26 1999	145864	ASCII
j310/QC2A02N08DC14T000AC14T093.cut	aVIIIf.275	Aug 26 1999	158896	ASCII
j310/QC2A02N08DC14T093AC14T211.cut	aVIIIf.276	Aug 26 1999	157472	ASCII
j310/QC2A02N09DC14T000AC14T093.cut	aVIIIf.277	Aug 26 1999	156240	ASCII
j310/QC2A02N09DC14T093AC14T211.cut	aVIIIf.278	Aug 26 1999	154236	ASCII
j310/QC2A02N10DC14T000AC14T093.cut	aVIIIf.279	Aug 26 1999	148951	ASCII
j310/QC2A02N10DC14T093AC14T211.cut	aVIIIf.280	Aug 26 1999	146121	ASCII

Computer File Name	Tape Backup File Name	File Date (Output)	File Size (Bytes)	File Type (Format)
j410/QC2A01N01DC13T000AC13T010.cut	aVIIIf.281	Aug 27 1999	124840	ASCII
j410/QC2A01N01DC13T010AC13T112.cut	aVIIIf.282	Aug 27 1999	136796	ASCII
j410/QC2A01N01DC13T112AC13T224.cut	aVIIIf.283	Aug 27 1999	142152	ASCII
j410/QC2A01N01DC13T224AC13T324.cut	aVIIIf.284	Aug 27 1999	142500	ASCII
j410/QC2A01N01DC13T324AC14T000.cut	aVIIIf.285	Aug 27 1999	126105	ASCII
j410/QC2A01N08DC13T000AC13T010.cut	aVIIIf.286	Aug 26 1999	134575	ASCII
j410/QC2A01N08DC13T010AC13T112.cut	aVIIIf.287	Aug 26 1999	147848	ASCII
j410/QC2A01N08DC13T112AC13T224.cut	aVIIIf.288	Aug 27 1999	154386	ASCII
j410/QC2A01N08DC13T224AC13T324.cut	aVIIIf.289	Aug 27 1999	153647	ASCII
j410/QC2A01N08DC13T324AC14T000.cut	aVIIIf.290	Aug 27 1999	136746	ASCII
j410/QC2A01N09DC13T000AC13T010.cut	aVIIIf.291	Aug 27 1999	132998	ASCII
j410/QC2A01N09DC13T010AC13T112.cut	aVIIIf.292	Aug 27 1999	145520	ASCII
j410/QC2A01N09DC13T112AC13T224.cut	aVIIIf.293	Aug 27 1999	151473	ASCII
j410/QC2A01N09DC13T224AC13T324.cut	aVIIIf.294	Aug 27 1999	150955	ASCII
j410/QC2A01N09DC13T324AC14T000.cut	aVIIIf.295	Aug 27 1999	135497	ASCII
j410/QC2A01N10DC13T000AC13T010.cut	aVIIIf.296	Aug 27 1999	126915	ASCII
j410/QC2A01N10DC13T010AC13T112.cut	aVIIIf.297	Aug 27 1999	137974	ASCII
j410/QC2A01N10DC13T112AC13T224.cut	aVIIIf.298	Aug 27 1999	143156	ASCII
j410/QC2A01N10DC13T224AC13T324.cut	aVIIIf.299	Aug 27 1999	143500	ASCII
j410/QC2A01N10DC13T324AC14T000.cut	aVIIIf.300	Aug 27 1999	128158	ASCII
j410/QC2A02N01DC14T000AC14T093.cut	aVIIIf.301	Aug 27 1999	146903	ASCII

j410/QC2A02N01DC14T093AC14T211.cut	aVIIIf.302	Aug 27 1999	144832	ASCII
j410/QC2A02N08DC14T000AC14T093.cut	aVIIIf.303	Aug 27 1999	158096	ASCII
j410/QC2A02N08DC14T093AC14T211.cut	aVIIIf.304	Aug 27 1999	156183	ASCII
j410/QC2A02N09DC14T000AC14T093.cut	aVIIIf.305	Aug 27 1999	155366	ASCII
j410/QC2A02N09DC14T093AC14T211.cut	aVIIIf.306	Aug 27 1999	153246	ASCII
j410/QC2A02N10DC14T000AC14T093.cut	aVIIIf.307	Aug 27 1999	147579	ASCII
j410/QC2A02N10DC14T093AC14T211.cut	aVIIIf.308	Aug 27 1999	145413	ASCII

Computer File Name	Tape Backup File Name	File Date (Output)	File Size (Bytes)	File Type (Format)
j510/QC2A01N01DC13T000AC13T010.cut	aVIIIf.309	Aug 27 1999	126129	ASCII
j510/QC2A01N01DC13T010AC13T112.cut	aVIIIf.310	Aug 27 1999	137591	ASCII
j510/QC2A01N01DC13T112AC13T224.cut	aVIIIf.311	Aug 27 1999	143192	ASCII
j510/QC2A01N01DC13T224AC13T324.cut	aVIIIf.312	Aug 27 1999	143623	ASCII
j510/QC2A01N01DC13T324AC14T000.cut	aVIIIf.313	Aug 27 1999	128036	ASCII
j510/QC2A01N08DC13T000AC13T010.cut	aVIIIf.314	Aug 27 1999	135532	ASCII
j510/QC2A01N08DC13T010AC13T112.cut	aVIIIf.315	Aug 27 1999	148805	ASCII
j510/QC2A01N08DC13T112AC13T224.cut	aVIIIf.316	Aug 27 1999	155094	ASCII
j510/QC2A01N08DC13T224AC13T324.cut	aVIIIf.317	Aug 27 1999	154604	ASCII
j510/QC2A01N08DC13T324AC14T000.cut	aVIIIf.318	Aug 27 1999	138035	ASCII
j510/QC2A01N09DC13T000AC13T010.cut	aVIIIf.319	Aug 27 1999	134038	ASCII
j510/QC2A01N09DC13T010AC13T112.cut	aVIIIf.320	Aug 27 1999	146560	ASCII
j510/QC2A01N09DC13T112AC13T224.cut	aVIIIf.321	Aug 27 1999	152347	ASCII
j510/QC2A01N09DC13T224AC13T324.cut	aVIIIf.322	Aug 27 1999	151829	ASCII
j510/QC2A01N09DC13T324AC14T000.cut	aVIIIf.323	Aug 27 1999	136620	ASCII
j510/QC2A01N10DC13T000AC13T010.cut	aVIIIf.324	Aug 27 1999	128038	ASCII
j510/QC2A01N10DC13T010AC13T112.cut	aVIIIf.325	Aug 27 1999	139682	ASCII
j510/QC2A01N10DC13T112AC13T224.cut	aVIIIf.326	Aug 27 1999	143951	ASCII
j510/QC2A01N10DC13T224AC13T324.cut	aVIIIf.327	Aug 27 1999	144374	ASCII
j510/QC2A01N10DC13T324AC14T000.cut	aVIIIf.328	Aug 27 1999	129742	ASCII
j510/QC2A02N01DC14T000AC14T093.cut	aVIIIf.329	Aug 27 1999	147698	ASCII
j510/QC2A02N01DC14T093AC14T211.cut	aVIIIf.330	Aug 27 1999	145951	ASCII
j510/QC2A02N08DC14T000AC14T093.cut	aVIIIf.331	Aug 27 1999	159588	ASCII
j510/QC2A02N08DC14T093AC14T211.cut	aVIIIf.332	Aug 27 1999	157555	ASCII
j510/QC2A02N09DC14T000AC14T093.cut	aVIIIf.333	Aug 27 1999	156572	ASCII
j510/QC2A02N09DC14T093AC14T211.cut	aVIIIf.334	Aug 27 1999	154489	ASCII
j510/QC2A02N10DC14T000AC14T093.cut	aVIIIf.335	Aug 27 1999	148785	ASCII
j510/QC2A02N10DC14T093AC14T211.cut	aVIIIf.336	Aug 27 1999	146204	ASCII

Computer File Name	Tape Backup File Name	File Date (Output)	File Size (Bytes)	File Type (Format)
j610/QC2A01N01DC13T000AC13T010.cut	aVIIIf.337	Aug 27 1999	124840	ASCII
j610/QC2A01N01DC13T010AC13T112.cut	aVIIIf.338	Aug 27 1999	136464	ASCII
j610/QC2A01N01DC13T112AC13T224.cut	aVIIIf.339	Aug 27 1999	142069	ASCII
j610/QC2A01N01DC13T224AC13T324.cut	aVIIIf.340	Aug 27 1999	142417	ASCII
j610/QC2A01N01DC13T324AC14T000.cut	aVIIIf.341	Aug 27 1999	126225	ASCII
j610/QC2A01N08DC13T000AC13T010.cut	aVIIIf.342	Aug 27 1999	134409	ASCII
j610/QC2A01N08DC13T010AC13T112.cut	aVIIIf.343	Aug 27 1999	147682	ASCII
j610/QC2A01N08DC13T112AC13T224.cut	aVIIIf.344	Aug 27 1999	154137	ASCII
j610/QC2A01N08DC13T224AC13T324.cut	aVIIIf.345	Aug 27 1999	153647	ASCII
j610/QC2A01N08DC13T324AC14T000.cut	aVIIIf.346	Aug 27 1999	136995	ASCII
j610/QC2A01N09DC13T000AC13T010.cut	aVIIIf.347	Aug 27 1999	132832	ASCII
j610/QC2A01N09DC13T010AC13T112.cut	aVIIIf.348	Aug 27 1999	145350	ASCII
j610/QC2A01N09DC13T112AC13T224.cut	aVIIIf.349	Aug 27 1999	151224	ASCII
j610/QC2A01N09DC13T224AC13T324.cut	aVIIIf.350	Aug 27 1999	150872	ASCII
j610/QC2A01N09DC13T324AC14T000.cut	aVIIIf.351	Aug 27 1999	135580	ASCII
j610/QC2A01N10DC13T000AC13T010.cut	aVIIIf.352	Aug 27 1999	126915	ASCII
j610/QC2A01N10DC13T010AC13T112.cut	aVIIIf.353	Aug 27 1999	137808	ASCII
j610/QC2A01N10DC13T112AC13T224.cut	aVIIIf.354	Aug 27 1999	142820	ASCII
j610/QC2A01N10DC13T224AC13T324.cut	aVIIIf.355	Aug 27 1999	143334	ASCII
j610/QC2A01N10DC13T324AC14T000.cut	aVIIIf.356	Aug 27 1999	128453	ASCII
j610/QC2A02N01DC14T000AC14T093.cut	aVIIIf.357	Aug 27 1999	147069	ASCII
j610/QC2A02N01DC14T093AC14T211.cut	aVIIIf.358	Aug 27 1999	144998	ASCII
j610/QC2A02N08DC14T000AC14T093.cut	aVIIIf.359	Aug 27 1999	158133	ASCII
j610/QC2A02N08DC14T093AC14T211.cut	aVIIIf.360	Aug 27 1999	156768	ASCII
j610/QC2A02N09DC14T000AC14T093.cut	aVIIIf.361	Aug 27 1999	155698	ASCII
j610/QC2A02N09DC14T093AC14T211.cut	aVIIIf.362	Aug 27 1999	153615	ASCII
j610/QC2A02N10DC14T000AC14T093.cut	aVIIIf.363	Aug 27 1999	147745	ASCII
j610/QC2A02N10DC14T093AC14T211.cut	aVIIIf.364	Aug 27 1999	145330	ASCII

Computer File Name	Tape Backup File Name	File Date (Output)	File Size (Bytes)	File Type (Format)
j710/QC2A01N01DC13T000AC13T010.cut	aVIIIf.365	Aug 27 1999	124840	ASCII
j710/QC2A01N01DC13T010AC13T112.cut	aVIIIf.366	Aug 27 1999	135551	ASCII
j710/QC2A01N01DC13T112AC13T224.cut	aVIIIf.367	Aug 27 1999	141567	ASCII
j710/QC2A01N01DC13T224AC13T324.cut	aVIIIf.368	Aug 27 1999	142334	ASCII
j710/QC2A01N01DC13T324AC14T000.cut	aVIIIf.369	Aug 27 1999	126913	ASCII
j710/QC2A01N08DC13T000AC13T010.cut	aVIIIf.370	Aug 27 1999	134409	ASCII
j710/QC2A01N08DC13T010AC13T112.cut	aVIIIf.371	Aug 27 1999	147682	ASCII
j710/QC2A01N08DC13T112AC13T224.cut	aVIIIf.372	Aug 27 1999	153971	ASCII
j710/QC2A01N08DC13T224AC13T324.cut	aVIIIf.373	Aug 27 1999	153477	ASCII
j710/QC2A01N08DC13T324AC14T000.cut	aVIIIf.374	Aug 27 1999	137078	ASCII
j710/QC2A01N09DC13T000AC13T010.cut	aVIIIf.375	Aug 27 1999	133081	ASCII
j710/QC2A01N09DC13T010AC13T112.cut	aVIIIf.376	Aug 27 1999	145603	ASCII
j710/QC2A01N09DC13T112AC13T224.cut	aVIIIf.377	Aug 27 1999	151224	ASCII
j710/QC2A01N09DC13T224AC13T324.cut	aVIIIf.378	Aug 27 1999	150789	ASCII
j710/QC2A01N09DC13T324AC14T000.cut	aVIIIf.379	Aug 27 1999	135580	ASCII
j710/QC2A01N10DC13T000AC13T010.cut	aVIIIf.380	Aug 27 1999	127081	ASCII
j710/QC2A01N10DC13T010AC13T112.cut	aVIIIf.381	Aug 27 1999	138725	ASCII
j710/QC2A01N10DC13T112AC13T224.cut	aVIIIf.382	Aug 27 1999	142994	ASCII
j710/QC2A01N10DC13T224AC13T324.cut	aVIIIf.383	Aug 27 1999	143417	ASCII
j710/QC2A01N10DC13T324AC14T000.cut	aVIIIf.384	Aug 27 1999	128619	ASCII
j710/QC2A02N01DC14T000AC14T093.cut	aVIIIf.385	Aug 27 1999	146077	ASCII
j710/QC2A02N01DC14T093AC14T211.cut	aVIIIf.386	Aug 27 1999	144741	ASCII
j710/QC2A02N08DC14T000AC14T093.cut	aVIIIf.387	Aug 27 1999	156906	ASCII
j710/QC2A02N08DC14T093AC14T211.cut	aVIIIf.388	Aug 27 1999	155768	ASCII
j710/QC2A02N09DC14T000AC14T093.cut	aVIIIf.389	Aug 27 1999	154868	ASCII
j710/QC2A02N09DC14T093AC14T211.cut	aVIIIf.390	Aug 27 1999	152449	ASCII
j710/QC2A02N10DC14T000AC14T093.cut	aVIIIf.391	Aug 27 1999	147662	ASCII
j710/QC2A02N10DC14T093AC14T211.cut	aVIIIf.392	Aug 27 1999	145164	ASCII

Computer File Name	Tape Backup File Name	File Date (Output)	File Size (Bytes)	File Type (Format)
j810/QC2A01N01DC13T000AC13T010.cut	aVIIIf.393	Aug 27 1999	125548	ASCII
j810/QC2A01N01DC13T010AC13T112.cut	aVIIIf.394	Aug 27 1999	136338	ASCII
j810/QC2A01N01DC13T112AC13T224.cut	aVIIIf.395	Aug 27 1999	142109	ASCII
j810/QC2A01N01DC13T224AC13T324.cut	aVIIIf.396	Aug 27 1999	142789	ASCII
j810/QC2A01N01DC13T324AC14T000.cut	aVIIIf.397	Aug 27 1999	127534	ASCII
j810/QC2A01N08DC13T000AC13T010.cut	aVIIIf.398	Aug 27 1999	135117	ASCII
j810/QC2A01N08DC13T010AC13T112.cut	aVIIIf.399	Aug 27 1999	147805	ASCII
j810/QC2A01N08DC13T112AC13T224.cut	aVIIIf.400	Aug 27 1999	154343	ASCII
j810/QC2A01N08DC13T224AC13T324.cut	aVIIIf.401	Aug 27 1999	154185	ASCII
j810/QC2A01N08DC13T324AC14T000.cut	aVIIIf.402	Aug 27 1999	137952	ASCII
j810/QC2A01N09DC13T000AC13T010.cut	aVIIIf.403	Aug 27 1999	133457	ASCII
j810/QC2A01N09DC13T010AC13T112.cut	aVIIIf.404	Aug 27 1999	145892	ASCII
j810/QC2A01N09DC13T112AC13T224.cut	aVIIIf.405	Aug 27 1999	151600	ASCII
j810/QC2A01N09DC13T224AC13T324.cut	aVIIIf.406	Aug 27 1999	151244	ASCII
j810/QC2A01N09DC13T324AC14T000.cut	aVIIIf.407	Aug 27 1999	136367	ASCII
j810/QC2A01N10DC13T000AC13T010.cut	aVIIIf.408	Aug 27 1999	127955	ASCII
j810/QC2A01N10DC13T010AC13T112.cut	aVIIIf.409	Aug 27 1999	138599	ASCII
j810/QC2A01N10DC13T112AC13T224.cut	aVIIIf.410	Aug 27 1999	143611	ASCII
j810/QC2A01N10DC13T224AC13T324.cut	aVIIIf.411	Aug 27 1999	143793	ASCII
j810/QC2A01N10DC13T324AC14T000.cut	aVIIIf.412	Aug 27 1999	129327	ASCII
j810/QC2A02N01DC14T000AC14T093.cut	aVIIIf.413	Aug 27 1999	147611	ASCII
j810/QC2A02N01DC14T093AC14T211.cut	aVIIIf.414	Aug 27 1999	145536	ASCII
j810/QC2A02N08DC14T000AC14T093.cut	aVIIIf.415	Aug 27 1999	158509	ASCII
j810/QC2A02N08DC14T093AC14T211.cut	aVIIIf.416	Aug 27 1999	158053	ASCII
j810/QC2A02N09DC14T000AC14T093.cut	aVIIIf.417	Aug 27 1999	155991	ASCII
j810/QC2A02N09DC14T093AC14T211.cut	aVIIIf.418	Aug 27 1999	153825	ASCII
j810/QC2A02N10DC14T000AC14T093.cut	aVIIIf.419	Aug 27 1999	148370	ASCII
j810/QC2A02N10DC14T093AC14T211.cut	aVIIIf.420	Aug 27 1999	146204	ASCII

Computer File Name	Tape Backup File Name	File Date (Output)	File Size (Bytes)	File Type (Format)
j910/QC2A01N01DC13T000AC13T010.cut	aVIIIf.421	Aug 27 1999	124757	ASCII
j910/QC2A01N01DC13T010AC13T112.cut	aVIIIf.422	Aug 27 1999	135468	ASCII
j910/QC2A01N01DC13T112AC13T224.cut	aVIIIf.423	Aug 27 1999	141484	ASCII
j910/QC2A01N01DC13T224AC13T324.cut	aVIIIf.424	Aug 27 1999	142334	ASCII
j910/QC2A01N01DC13T324AC14T000.cut	aVIIIf.425	Aug 27 1999	126913	ASCII

j910/QC2A01N08DC13T000AC13T010.cut	aVIIIf.426	Aug 27 1999	134243	ASCII
j910/QC2A01N08DC13T010AC13T112.cut	aVIIIf.427	Aug 27 1999	147267	ASCII
j910/QC2A01N08DC13T112AC13T224.cut	aVIIIf.428	Aug 27 1999	153552	ASCII
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j910/QC2A01N08DC13T324AC14T000.cut	aVIIIf.430	Aug 27 1999	136995	ASCII
j910/QC2A01N09DC13T000AC13T010.cut	aVIIIf.431	Aug 27 1999	132749	ASCII
j910/QC2A01N09DC13T010AC13T112.cut	aVIIIf.432	Aug 27 1999	145184	ASCII
j910/QC2A01N09DC13T112AC13T224.cut	aVIIIf.433	Aug 27 1999	150892	ASCII
j910/QC2A01N09DC13T224AC13T324.cut	aVIIIf.434	Aug 27 1999	150453	ASCII
j910/QC2A01N09DC13T324AC14T000.cut	aVIIIf.435	Aug 27 1999	135493	ASCII
j910/QC2A01N10DC13T000AC13T010.cut	aVIIIf.436	Aug 27 1999	126998	ASCII
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